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(602) Victoria		(707) Malay Peninsula	780
(603) Near southeast coast of Australia	714	(708) Gulf of Thailand	
(604) Near east coast of Australia			
(605) East of Australia		SEISMIC REGION 47.	
(606) Norfolk Island region		Baluchistan.	
(607) Northwest of New Zealand		(709) Southeastern Afghanistan	781
(608) Bass Strait	714	(710) Pakistan	781
(609) Tasmania region		(711) Southwestern Kashmir	788
(610) Southeast of Australia		(712) India-Pakistan border region	788
SEISMIC REGION 39.		SEISMIC REGION 48.	
Pacific Basin.		Hindu Kush and Pamir.	
(611) North Pacific Ocean	714	(713) Central Kazakhstan	788
(612) Hawaiian Islands region		(714) Southeastern Uzbekistan	788
(613) Hawaiian Islands	714	(715) Tajikistan	788
(614) Eastern Caroline Islands region	714	(716) Kyrgyzstan	791
(615) Marshall Islands region		(717) Afghanistan-Tajikistan border region	792
(616) Enewetak Atoll region		(718) Hindu Kush region	798
(617) Bikini Atoll region		(719) Tajikistan-Xinjiang border region	802
(618) Gilbert Islands region		(720) Northwestern Kashmir	803
(619) Johnston Island region			
(620) Line Islands region		SEISMIC REGION 49.	
(621) Palmyra Island region		Northern Eurasia.	
(622) Kiritimati region		(721) Finland	803
(623) Tuvalu region		(722) Norway-Murmansk border region	
(624) Phoenix Islands region		(723) Finland-Karelia border region	
(625) Tokelau Islands region		(724) Baltic States - Belarus - Northwestern Russia	803
(626) Northern Cook Islands		(725) Northwestern Siberia	
(627) Cook Islands region		(726) Northern and central Siberia	803
(628) Society Islands region			
(629) Tubuai Islands region		SEISMIC REGION 50.	
(630) Marquesas Islands region		Antarctica.	
(631) Tuamotu Archipelago region		(727) Victoria Land	
(632) South Pacific Ocean	714	(728) Ross Sea	
		(729) Antarctica	803
SEISMIC REGION 40.			
Arctic Zone.			
(633) Lomonosov Ridge			
(634) Arctic Ocean			
(635) Near north coast of Kalaallit Nunaat	714		
(636) Eastern Kalaallit Nunaat	714		
(637) Iceland region	714		
(638) Iceland	715		
(639) Jan Mayen Island region	715		
(640) Greenland Sea	715		
(641) North of Svalbard	716		
(642) Norwegian Sea	717		
(643) Svalbard region	717		
(644) North of Franz Josef Land	719		
(645) Franz Josef Land			
(646) Northern Norway	719		
(647) Barents Sea	719		
(648) Novaya Zemlya			
(649) Kara Sea			
(650) Near coast of northwestern Siberia			
(651) North of Severnaya Zemlya	719		
(652) Severnaya Zemlya			
(653) Near coast of northern Siberia	719		
(654) East of Severnaya Zemlya	719		
(655) Laptev Sea	720		
SEISMIC REGION 41.			
Eastern Asia.			
(656) Southeastern Siberia	720		
(657) Primurye-Northeastern China border region	721		
(658) Northeastern China	721		
(659) North Korea	722		
(660) Sea of Japan	722		
(661) Primorye	722		
(662) Sakhalin Island	722		
(663) Sea of Okhotsk	723		
(664) Southeastern China	723		
(665) Yellow Sea	723		
(666) Off east coast of southeastern China			
SEISMIC REGION 42.			
Northeastern Asia, Northern Alaska to Greenland.			
(667) North of New Siberian Islands			
(668) New Siberian Islands	723		
(669) Eastern Siberian Sea			
(670) Near north coast of eastern Siberia			
(671) Eastern Siberia	723		
(672) Chukchi Sea	739		
(673) Bering Strait	739		

MAJOR EARTHQUAKES

MAJOR SHALLOW FOCUS EARTHQUAKES
h<=60km,M>=5.5

Table of major shallow focus earthquakes (211) Southeast of Honshu, (706) Northern Sumatra, (210) South of Mariana Islands, (153) South Sandwich Islands region. Columns include ISC, NIED, JMA, ISCJB, IDC, NEIC, HRVD, MOS, SZGRF, Event type, Error ellipse, Moment Tensor Solution, and Best double couple.

Table of major earthquakes (9) Fox Islands, (49) Gulf of California, (249) Luzon, (153) South Sandwich Islands region, (135) Near coast of Central Chile. Columns include ISC, BJI, ISCJB, CSEM, NEIC, HRVD, MOS, SZGRF, Event type, Error ellipse, Moment Tensor Solution, and Best double couple.

GUC Error ellipse: s-maj=2.1km s-min=7.0km az=-1.0.
 HRVD Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s36,c48; Mantle waves: s47,c70;Half duration: 1s0 Moment tensor: Scale 1017Nm; Mr:0.70±.21 Mm:0.52±.18; Mw:0.42±.36; Mw:0.90±.14; Mw:0.64±.34;
 Best double couple: NP1:φ:184.00000°; λ:74.00000°; λ:86.00000°; NP2:φ:19.00000°
 ; δ:16.00000°; λ:104.00000°; Principal axes: T 7.4730,Plg6.0000°; Azm:68.0000°
 ; N 0.6280,Plg4.0000°; Azm:185.0000°; P -8.1040,Plg29.0000°; Azm:277.0000°
 M:1.78800×10¹⁶

NEIC Event type fe. Error ellipse: s-maj=6.0km s-min=4.5km az=69.0. Felt [IV] at Concepcion and Talcahuano; [III] at Cauquenes, Chanco and Los Angeles.

MOS Error ellipse: s-maj=21.8km s-min=9.3km az=91.8.
 IDC Error ellipse: s-maj=19.9km s-min=13.8km az=82.0.

(83) South of Panama

ISC	I	06 03 39 58.9-1.1	6.69N-03	82.33W-02	6-6	5.8b,5.5s	638	2-170
IDC	I	06 03 39 57.0-54	6.64N	82.36W	0	5.4,5.4		18029835
ISCJB	I	06 03 39 57.5-17	6.74N-03	82.34W-02	7	5.8b,5.5s		
BJI	I	06 03 39 57.7	6.60N	82.30W	7	6.0s,5.9b		
MOS	I	06 03 39 57.9-1.2	6.77N	82.29W	10	6.1b,5.6s		
NEIC	I	06 03 39 58.5-1.7	6.64N	82.34W	7-10	6.6,6.1W		
HRVD	I	06 03 39 58.5-10	6.60N	82.35W	15	6.0W,6.1W		
CASC	I	06 03 39 59.1-2.7	6.77N	82.25W	13-26	5.9b,5.9W		
CRAAG	I	06 03 40 00.3	7.07N	82.33W	6	6.0b,5.9W		
SZGRF	I	06 03 40 08.2	7.84N	81.73W	33	5.8b,5.7s		

ISC Event type fe.
 IDC Error ellipse: s-maj=20.0km s-min=11.9km az=53.0.
 ISCJB Event type fe. Error ellipse: s-maj=4.1km s-min=2.1km az=58.4.
 MOS Error ellipse: s-maj=8.2km s-min=4.5km az=106.6.
 NEIC Event type fe. Error ellipse: s-maj=4.8km s-min=2.6km az=205.0. Felt [III] at Bajo Boquete and David. Also felt at Panama City, Rio Sereno and Taboga. Felt at Gofito, San Vito and in the Valle Central, Costa Rica. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s38 Moment tensor: Scale 1019Nm; Mr:0.02 Mw:0.46 Mm:0.69 Mw:0.13 Mw:0.39 Mw:0.39 Best double couple: NP1:φ:101.00000°; λ:76.00000°; λ:0.00000°; NP2:φ:191.00000° ; δ:90.00000°; λ:166.00000°; Principal axes: T 1.4300,Plg10.0000°; Azm:325.0000° ; N 0.2500,Plg76.0000°; Azm:191.0000°; P -1.6800,Plg10.0000°; Azm:57.0000° ; M:1.60000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ:105.00000°; λ:75.00000°; λ:5.00000°; NP2:φ:14.00000°; λ:85.00000°; λ:165.00000° ; δ:105.00000°; λ:14.00000°; Principal axes: T 1.2850,Plg9.0000°; Azm:320.0000° ; N -0.0500,Plg76.0000°; Azm:92.0000°; P -1.2350,Plg10.0000°; Azm:228.0000° M:1.26000×10¹⁸

HRVD Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s80,c181; Mantle waves: s87,c325;Half duration: 2s5 Moment tensor: Scale 1019Nm; Mr:-0.05±.01 Mm:0.20±.01; Mw:0.15±.01; Mw:0.30±.03; Mw:1.21±.01; Mw:0.02±.03;
 Best double couple: NP1:φ:4.00000°; λ:179.00000°; λ:1.00000°; NP2:φ:274.00000° ; δ:89.00000°; λ:14.00000°; Principal axes: T 1.2850,Plg9.0000°; Azm:320.0000° ; N -0.0500,Plg76.0000°; Azm:92.0000°; P -1.2350,Plg10.0000°; Azm:228.0000° M:1.26000×10¹⁸

CASC Error ellipse: s-maj=16.9km s-min=10.6km az=-1.0.
 SZGRF Panama.

(703) Andaman Islands region

ISC	I	06 04 25 06.2-15	12.20N-03	95.18E-03	26	5.4b,5.1s	512	2-166
SZGRF	I	06 04 24 56.6	10.34N	95.18E	26	5.3b,5.1s		18012136
IDC	I	06 04 24 59.7-34	12.22N	95.17E	0	5.2,5.2		
CRAAG	I	06 04 25 02.6	12.32N	95.10E	5	5.6b,5.2		
ISCJB	I	06 04 25 04.1-15	12.21N-03	95.18E-03	25	5.4b,5.1s		
BJI	I	06 04 25 04.4	11.94N	95.04E	44	5.6b,5.5s		
MOS	I	06 04 25 05.8-1.1	12.33N	95.16E	33	5.6b,5.2s		
NEIC	I	06 04 25 05.8-15	12.24N	95.20E	25	5.5b,4.8s		
HRVD	I	06 04 25 05.8-30	12.06N	95.20E	12	5.4W,4.8s		

ISC Event type se.
 SZGRF Andaman Islands, India, region.
 IDC Error ellipse: s-maj=14.0km s-min=9.1km az=59.0.
 ISCJB Event type se. Error ellipse: s-maj=4.2km s-min=3.1km az=78.2.
 MOS Error ellipse: s-maj=9.3km s-min=4.4km az=116.4.
 NEIC Event type se. Error ellipse: s-maj=6.5km s-min=4.2km az=220.0.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s33,c49; Mantle waves: s65,c118;Half duration: 1s2 Moment tensor: Scale 1017Nm; Mr:-0.99±.06 Mm:0.52±.04; Mw:0.47±.05; Mw:0.70±.14; Mw:1.06±.04; Mw:0.38±.15;
 Best double couple: NP1:φ:15.00000°; λ:140.00000°; λ:140.00000°; NP2:φ:257.00000° ; δ:61.00000°; λ:47.00000°; Principal axes: T 1.5810,Plg6.0000°; Azm:318.0000° ; N 0.0000,Plg36.0000°; Azm:52.0000°; P -1.5800,Plg53.0000°; Azm:220.0000° M:1.58000×10¹⁷

(69) Near coast of Chiapas

ISC	I	06 12 11 18.1-97	13.96N-07	92.34W-07	43-8	4.3s,4.2b	45	2-133
IDC	I	06 12 11 13.8-2.8	14.32N	92.12W	0	4.4,4.1b		18029849
ISCJB	I	06 12 11 15.7-1.2	13.90N-07	92.41W-07	43-10	4.3s,4.2b		
BJI	I	06 12 11 17.8	14.00N	92.30W	40	5.6b,4.9s		
NEIC	I	06 12 11 17.9-77	13.99N	92.35W	40-7	4.2b,4.9s		

ISC Event type se.
 IDC Error ellipse: s-maj=81.6km s-min=25.2km az=31.0.
 ISCJB Event type se. Error ellipse: s-maj=14.1km s-min=7.8km az=82.3.
 NEIC Event type se. Error ellipse: s-maj=13.1km s-min=5.6km az=220.0.

(5) Near Islands

ISC	I	07 02 23 44.0-14	52.51N-03	173.60E-02	33	5.7b,4.9s	984	0-162
BJI	I	07 02 23 40.8	52.79N	173.16E	12	5.8b,5.5b		18012155
ISCJB	I	07 02 23 41.9-14	52.37N-03	173.64E-02	31	5.7b,4.9s		
MOS	I	07 02 23 42.7-88	52.47N	173.55E	33	5.9b,5.0s		
IDC	I	07 02 23 43.8-33	52.46N	173.71E	32-2	5.6,5.5		
NEIC	I	07 02 23 43.6-11	52.42N	173.61E	31	5.7b,5.5W		
HRVD	I	07 02 23 43.6-20	52.50N	173.61E	37	5.5W,5.5W		
BGS	I	07 02 23 43.0-1.6	52.25N	175.07E	33-0	5.9b,5.5W		
SZGRF	I	07 02 23 51.3	53.38N	173.32E	36	5.5b,5.0s		

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=4.2km s-min=2.0km az=171.6.
 MOS Error ellipse: s-maj=6.9km s-min=4.3km az=94.5.
 IDC Error ellipse: s-maj=12.0km s-min=6.7km az=153.0.
 NEIC Event type se. Error ellipse: s-maj=3.3km s-min=1.8km az=184.0. Moment Tensor Solution. s20 Moment tensor: Scale 1017Nm; Mr:1.10 Mm:1.12 Mm:0.03 Mw:1.42 Mw:0.37 Mw:1.61 Best double couple: NP1:φ:274.00000°; λ:136.00000°; λ:136.00000°; NP2:φ:46.00000° ; δ:77.00000°; λ:76.00000°; Principal axes: T 2.5300,Plg56.0000°; Azm:299.0000° ; N -0.1700,Plg13.0000°; Azm:50.0000°; P -2.3600,Plg31.0000°; Azm:148.0000° M:2.40000×10¹⁷

HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s70,c136; Mantle waves: s86,c192;Half duration: 1s4 Moment tensor: Scale 1017Nm; Mr:1.21±.04 Mm:1.81±.03; Mw:0.60±.03; Mw:1.37±.04; Mw:0.14±.02; Mw:1.19±.03;
 Best double couple: NP1:φ:297.00000°; λ:31.00000°; λ:145.00000°; NP2:φ:58.00000° ; δ:73.00000°; λ:64.00000°; Principal axes: T 2.3920,Plg55.0000°; Azm:295.0000° ; N 0.0660,Plg25.0000°; Azm:66.0000°; P -2.4510,Plg24.0000°; Azm:168.0000° M:2.42100×10¹⁷

BGS Error ellipse: s-maj=700.8km s-min=999.9km az=-1.0.
 SZGRF Near Islands, Aleutian Islands, United States.

(368) Southern Greece

ISC	I	08 11 34 54.6-16	36.28N-01	23.269E-01	58-1	6.5b,6.4s	2216	1-166
HLW	I	08 11 34 46.5	36.55N	23.53E	63	6.7b,6.4s		18012175
BJI	I	08 11 34 49.0	36.18N	22.83E	64	7.0b,6.6s		
CSEM	I	08 11 34 50.8	36.29N	23.24E	30	6.5b,6.6s		
NIC	I	08 11 34 50.4-40	36.18N	23.14E	31	6.5b,6.6s		
PDA	I	08 11 34 50.8	36.30N	23.20E	30	6.5b,6.6s		
CRAAG	I	08 11 34 51.7	36.28N	23.24E	6	6.6W,6.6s		
PDG	I	08 11 34 51.6-65	36.07N	23.09E	40-11	6.6W,6.6s		
ISCJB	I	08 11 34 52.5-18	36.25N-01	23.273E-01	53-1	6.5b,6.4s		
THE	I	08 11 34 53.9	36.17N	23.33E	70	6.4L,6.4s		
BGS	I	08 11 34 53.4	36.35N	23.13E	33	6.5b,6.4s		
MOS	I	08 11 34 53.9-1.3	36.33N	23.28E	66	6.8b,6.4s		
SZGRF	I	08 11 34 53.4	36.27N	22.98E	10	6.5s,6.3b		
IDC	I	08 11 34 54.4-1.1	36.24N	23.43E	59-9	6.5s,6.5		
ATH	I	08 11 34 54.0	36.21N	23.41E	69-4	6.3L,6.5		
HRVD	I	08 11 34 55.6-10	35.93N	23.29E	64	6.7W,6.5		

NEIC I 08 11 34 55.6-14 36.31N 23.21E 66 6.7W,6.7
 IGIL I 08 11 34 55.0 36.31N 23.25E 60 6.3s,6.7
 DHRM I 08 11 34 55.1 36.36N 23.29E 64 6.4b,6.7
 GRAL I 08 11 34 57.0-3.3 35.47N 23.97E 0 -686 6.4,6.7
 UPP I 08 11 35 03.8 36.04N 23.66E 25 4.1L,6.7

ISC Event type de.
 NIC Earthquake Southern Greece 28 km NE Kithira.
 PDG Error ellipse: s-maj=3.0km s-min=3.1km az=-1.0.
 ISCJB Event type de. Error ellipse: s-maj=2.0km s-min=1.2km az=25.1.
 MOS Error ellipse: s-maj=4.2km s-min=2.4km az=93.7.
 SZGRF Southern Greece.
 IDC Error ellipse: s-maj=8.9km s-min=7.5km az=77.0.
 ATH Error ellipse: s-maj=1.2km s-min=1.2km az=-1.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s88,c232; Mantle waves: s89,c376;Half duration: 5s6 Moment tensor: Scale 1019Nm; Mr:1.13±.01 Mm:0.54±.01; Mw:0.59±.01; Mw:0.45±.01; Mw:1.12±.01; Mw:0.02±.01;
 Best double couple: NP1:φ:201.00000°; λ:44.00000°; λ:55.00000°; NP2:φ:66.00000° ; δ:55.00000°; λ:119.00000°; Principal axes: T 1.3090,Plg65.0000°; Azm:32.0000° ; N 0.4070,Plg24.0000°; Azm:228.0000°; P -1.7170,Plg6.0000°; Azm:135.0000° M:1.51300×10¹⁹

NEIC Event type de. Error ellipse: s-maj=2.7km s-min=1.8km az=-11.0. Three people slightly injured on Crete. Eighty homes and an airport damaged and phone service interrupted on Kythira. Minor damage and phone service interrupted on Crete and in Lakonia. Minor damage also on Karpathos. Felt [V] at Amarusion; [V] at Chania, Irakleio, Kalamata and Nea Smirni; [IV] at Athens, Glifadha and Oikismos Papagou; [III] at Ermoupolis and Kifisia; [II] at Psikhikion. Also felt [IV] at Catania and Motta Sant'Anastasia; [III] at Calligirone and Rutigliano; [II] at Campobasso, Italy. Felt [III] at Mqarr, Naxxar and San Għiljan, Malta. Also felt [III] at Al Jizah and Cairo, Egypt. Felt in most of Greece and Southern Italy and at Tirana, Albania; Mostar and Sarajevo, Bosnia and Herzegovina; Ramat Gan, Israel; Amman, Jordan; Ajwilah, Libya; Ohrid, Macedonia; Podgorica, Serbia and Montenegro and at Izmir, Turkey. Complex event. A small event is followed by a larger event about 3 seconds later. Depth from synthetics of broadband displacement seismograms based on larger event. Energy computed from BB mechanism. Moment Tensor Solution. s67 Broadband fault plane solution: P waves. NP1:φ:65.00000°; λ:110.00000°; NP2: φ:213.00000°; λ:80.00000°; λ:64.00000°; Principal axes: T Plg72.0000°; Azm:26.0000° ; N Plg0.0000°; Azm:0.0000°; P Plg8.0000°; Azm:141.0000° Moment Tensor Solution. s67 Moment tensor: Scale 1019Nm; Mr:1.04 Mm:0.21 Mw:0.83 Mw:0.44 Mw:0.71 Mw:0.02 Best double couple: NP1:φ:193.00000°; λ:43.00000°; λ:59.00000°; NP2:φ:52.00000° ; δ:54.00000°; λ:115.00000°; Principal axes: T 1.2000,Plg69.0000°; Azm:18.0000° ; N 0.1200,Plg20.0000°; Azm:217.0000°; P -1.3300,Plg6.0000°; Azm:125.0000° M:1.30000×10¹⁹ Moment Tensor Solution. M:1.30000×10¹⁹

GRAL Error ellipse: s-maj=138.6km s-min=680.3km az=-1.0.
(739) Azores-Cape St. Vincent Ridge

ISC	I	09 16 40 44.9-14	37.13N-02	14.10W-02	10	5.2b,5.0s	1369	4-149
IDC	I	09 16 40 42.6-45	37.02N	14.38W	0	4.9,4.9		18012195
ISCJB	I	09 16 40 42.8-15	37.06N-02	14.05W-02	10	5.2b,5.0s		
SZGRF	I	09 16 40 42.3	36.84N	15.07W	33	5.3b,4.5s		
PDA	I	09 16 40 43.0	37.27N	14.23W	2	5.3b,4.5s		
CRAAG	I	09 16 40 43.0	37.27N	14.23W	3	5.3b,4.5s		
MOS	I	09 16 40 43.5-1.1	37.20N	14.35W	10	5.5b,4.9s		
SFS	I	09 16 40 43.0	37.12N	14.30W	24	5.8L,4.9s		
CSEM	I	09 16 40 43.0	37.27N	14.23W	2	5.3b,4.9s		
HRVD	I	09 16 40 44.3-20	37.16N	14.27W	14-1	5.4W,4.9s		
MDD	I	09 16 40 44.6-1.2	37.13N	14.25W	23-15	5.9b,4.9s		
BJI	I	09 16 40 44.2	37.00N	14.10W	10	5.6s,5.6b		
NEIC	I	09 16 40 44.3-21	37.05N	14.12W	10	5.3b,4.9s		
LDG	I	09 16 40 45.9-11	37.19N	14.29W	25-0	5.3L,4.7s		
IGIL	I	09 16 40 46.3	36.90N	14.10W	25	5.2L,4.7s		
INMG	I	09 16 40 47.1-2.0	37.01N	14.32W	10-0	5.9b,5.1L		
CNRM	I	09 16 40 52.0	36.92N	13.54W	30	4.7,5.1L		
BGS	I	09 16 41 02.1-2.2	38.13N	12.72W	10-0	5.5b,5.1L		

ISC Event type fe.
 IDC Error ellipse: s-maj=12.2km s-min=10.6km az=160.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.0km s-min=1.9km az=176.

LDG	Event type ke. Error ellipse: s-maj=3.8km s-min=2.0km az=159.0.								
INMG	Event type ke. Error ellipse: s-maj=6.0km s-min=3.8km az=108.0.								
BGS	Error ellipse: s-maj=138.7km s-min=76.3km az=-1.0.								
(58) Near coast of Guerrero									
ISC	I	13 03 25 08.0-85	16.84N-04	101.04W-02	0-5	4.4b,4.2s	89	1-127	
ISCJB	I	13 03 25 07.5-1.2	16.79N-04	101.05W-03	11-8	4.2b,4.2s			18078570
BJI	I	13 03 25 09.7	16.80N	101.20W	10	5.6b,4.9s			
IDC	I	13 03 25 09.7-1.7	17.15N	100.53W	0	4.3,4.1			
NEIC	I	13 03 25 09.7	16.77N	101.16W	11	4.7,4.4b			
MEX	I	13 03 25 09.7-97	16.77N	101.16W	11-13	4.7,4.4b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=6.9km s-min=3.7km az=38.6.								
IDC	Error ellipse: s-maj=61.8km s-min=21.7km az=57.0.								
NEIC	Event type se. After MEX.								
MEX	Error ellipse: s-maj=10.9km s-min=7.6km az=-1.0.								
(173) Tonga Islands									
ISC	I	13 09 17 57.8-21	17.83S-05	173.07W-05	14	5.1b,4.9s	160	4-173	
IDC	I	13 09 17 55.3-46	17.74S	173.12W	0	5.0,4.9			18035893
ISCJB	I	13 09 17 56.2-21	17.82S-05	173.07W-05	13	5.1b,4.9s			
BJI	I	13 09 17 56.9	17.80S	173.20W	10	5.7b,5.3s			
NEIC	I	13 09 17 56.9-15	17.76S	173.22W	10	5.2b,5.3s			
HRVD	I	13 09 17 56.9-10	17.78S	172.63W	15	5.4W,5.3s			
MOS	I	13 09 17 56.6-1.7	17.63S	173.17W	10	5.4b,4.9s			
SZGRF	I	13 09 17 59.7	17.26S	173.35W	10	5.4b,4.9s			
ORF	I	13 09 18 53.6	6.68N	175.94E	30	5.9b,4.9s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=20.7km s-min=14.8km az=127.0.								
ISCJB	Event type se. Error ellipse: s-maj=8.7km s-min=5.8km az=102.9.								
NEIC	Event type se. Error ellipse: s-maj=8.3km s-min=4.0km az=132.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s67,c131; Mantle waves: s81,c161; Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; Mr=1.09±0.2 Mm=0.02±0.2; Mw=1.11±0.2; Mw0.5±0.6; Mw0.83±0.6; Best double couple: NP1:φ=191.0000°; λ=26.0000°; λ=75.0000°; NP2:φ=28.0000°; λ=85.0000°; λ=97.0000°; Principal axes: T 1.4470,Plg69.0000°; Azm313.0000°; N 0.1840,Plg7.0000°; Azm205.0000°; P -1.6290,Plg19.0000°; Azm112.0000°; M=1.53800×10 ¹⁷								
MOS	Error ellipse: s-maj=13.7km s-min=8.8km az=62.6.								
SZGRF	South of Fiji Islands.								
(169) Samoa Islands region									
ISC	I	13 12 46 13.4-16	16.63S-04	172.74W-05	47	5.1b,4.8s	218	3-174	
IDC	I	13 12 46 06.9-42	16.60S	172.91W	0	5.0,5.0			18078588
MOS	I	13 12 46 10.8-1.7	16.56S	172.98W	33	5.5b,4.7s			
ISCJB	I	13 12 46 11.6-16	16.60S-04	172.70W-05	45	5.1b,4.8s			
BJI	I	13 12 46 12.7	16.60S	172.80W	43	5.5b,5.2s			
NEIC	I	13 12 46 12.7-16	16.57S	172.82W	44	5.1b,5.1s			
HRVD	I	13 12 46 12.7-20	16.65S	172.33W	26-0	5.4W,5.1s			
SZGRF	I	13 12 46 14.3	19.01S	175.88E	33	5.4W,5.1s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=16.6km s-min=12.6km az=131.0.								
MOS	Error ellipse: s-maj=11.7km s-min=10.3km az=101.6.								
ISCJB	Event type se. Error ellipse: s-maj=7.4km s-min=4.1km az=65.5.								
NEIC	Event type se. Error ellipse: s-maj=8.3km s-min=4.1km az=124.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s60,c106; Mantle waves: s84,c167; Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.35±0.3 Mm=0.47±0.3; Mw=1.12±0.3; Mw0.29±0.6; Mw0.81±0.3; Mw0.34±0.6; Best double couple: NP1:φ=61.0000°; λ=273.0000°; λ=3.0000°; NP2:φ=330.0000°; λ=88.0000°; λ=163.0000°; Principal axes: T 1.4100,Plg14.0000°; Azm284.0000°; N 0.3540,Plg73.0000°; Azm142.0000°; P -1.7680,Plg10.0000°; Azm17.0000°; M=1.58900×10 ¹⁷								
SZGRF	South of Fiji Islands.								
(706) Northern Sumatera									
ISC	I	13 14 47 30.3-29	4.88N-04	94.77E-03	44	5.0b,4.3s	204	5-146	
SZGRF	I	13 14 47 11.2	3.55N	98.47E	33	4.8b,4.3s			18030084
ISCJB	I	13 14 47 27.9-29	4.83N-04	94.76E-03	42	5.0b,4.3s			
MOS	I	13 14 47 27.0-84	4.93N	94.76E	33	5.2b,4.5s			
CSEM	I	13 14 47 27.3	5.04N	95.05E	33	5.5b,4.5s			
BJI	I	13 14 47 28.3	4.73N	94.79E	55	5.1b,5.1b			
HRVD	I	13 14 47 29.7-80	4.86N	94.49E	40-2	4.8W,5.1b			
NEIC	I	13 14 47 29.7-24	4.87N	94.75E	43	5.0b,5.1b			
IDC	I	13 14 47 30.3-2.1	4.88N	94.76E	46-20	4.7,4.5			
ISC	Event type se.								
SZGRF	Northern Sumatera, Indonesia.								
ISCJB	Event type se. Error ellipse: s-maj=6.0km s-min=4.8km az=8.1.								
MOS	Error ellipse: s-maj=12.0km s-min=10.8km az=114.1.								
HRVD	Error ellipse: s-maj=6.7km s-min=6.7km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s19,c26; Mantle waves: s45,c55; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=1.74±1.9 Mm=0.67±1.4; Mw=1.08±1.7; Mw0.10±1.1; Mw0.84±1.5; Mw0.76±1.2; Best double couple: NP1:φ=330.0000°; λ=288.0000°; λ=105.0000°; NP2:φ=133.0000°; λ=83.0000°; λ=82.0000°; Principal axes: T 2.1630,Plg71.0000°; Azm26.0000°; N -0.0440,Plg7.0000°; Azm137.0000°; P -2.1240,Plg18.0000°; Azm229.0000°; M=2.14400×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=6.8km s-min=5.0km az=187.0.								
IDC	Error ellipse: s-maj=15.2km s-min=12.9km az=133.0.								
(412) Bouvet Island region									
ISC	I	15 06 49 41.5-38	54.07S-06	7.0E-10	10	4.7b,4.5s	50	18-163	
ISCJB	I	15 06 49 39.9-38	54.04S-06	7.0E-10	10	4.7b,4.5s			18078673
IDC	I	15 06 49 40.1-46	54.07S	7.0E-10	0	4.6,4.6			
MOS	I	15 06 49 40.5-10	54.06S	7.05E-10	10	5.5b,4.6			
NEIC	I	15 06 49 41.6-25	54.04S	6.98E-10	10	5.2b,4.6			
HRVD	I	15 06 49 41.6-30	54.07S	7.31E-10	12	5.1W,4.6			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=11.5km s-min=8.2km az=30.0.								
IDC	Error ellipse: s-maj=17.6km s-min=13.6km az=127.0.								
MOS	Error ellipse: s-maj=28.2km s-min=12.5km az=89.1.								
NEIC	Event type se. Error ellipse: s-maj=9.4km s-min=7.2km az=106.0.								
HRVD	Error ellipse: s-maj=4.4km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s28,c41; Mantle waves: s71,c109; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=4.65±1.5 Mm=0.27±1.5; Mw=1.00±1.46; Mw0.15±1.54; Mw0.73±1.53; Best double couple: NP1:φ=272.0000°; λ=42.0000°; λ=115.0000°; NP2:φ=125.0000°; λ=83.0000°; λ=69.0000°; Principal axes: T 4.9870,Plg6.0000°; Azm200.0000°; N 0.2110,Plg17.0000°; Azm292.0000°; P -5.1980,Plg72.0000°; Azm92.0000°; M=5.09300×10 ¹⁶								
(403) Northern Mid-Atlantic Ridge									
ISC	I	16 01 02 20.7-29	31.09N-06	41.33W-03	10	4.6b,4.3s	210	26-116	
SZGRF	I	16 01 02 11.1	30.06N	42.64W	23	4.7b,4.2s			18035990
ISCJB	I	16 01 02 18.6-29	31.05N-06	41.37W-03	10	4.6b,4.3s			
IDC	I	16 01 02 18.6-49	31.09N	41.44W	0	4.5,4.5			
BJI	I	16 01 02 18.3	31.00N	41.40W	10	5.5b,5.0b			
MOS	I	16 01 02 19.1-78	31.17N	41.37W	10	4.8b,5.0b			
NEIC	I	16 01 02 20.3-22	31.05N	41.35W	10	4.8b,4.2s			
ISC	Event type se.								
SZGRF	Northern Mid-Atlantic Ridge.								
ISCJB	Event type se. Error ellipse: s-maj=8.8km s-min=3.9km az=162.2.								
IDC	Error ellipse: s-maj=14.3km s-min=11.7km az=155.0.								
MOS	Error ellipse: s-maj=23.6km s-min=6.8km az=49.3.								
NEIC	Event type se. Error ellipse: s-maj=6.7km s-min=3.0km az=171.0.								
(228) Near east coast of eastern Honshu									
ISC	I	18 14 25 27.5-11	37.86N-02	142.10E-02	23	5.7b,5.2s	858	1-164	
NIED	I	18 14 25 00.0	37.80N	142.30E	17	5.5W,5.2s			18036032
BJI	I	18 14 25 24.3	37.78N	141.84E	9	5.7b,5.6s			
MOS	I	18 14 25 25.8-97	37.84N	142.07E	23	5.9b,5.7s			
JMA	I	18 14 25 25.6-20	37.80N	142.20E	36-2	5.7,5.7s			
ISCJB	I	18 14 25 26.0-11	37.81N-02	142.12E-02	24	5.7b,5.2s			
IDC	I	18 14 25 26.2-3.0	37.78N	142.13E	18-18	5.5,5.5			
NEIC	I	18 14 25 27.6-1.1	37.77N	142.13E	26-7	5.8b,5.7W			
HRVD	I	18 14 25 27.6-20	37.92N	142.18E	20	5.5W,5.7W			
BGS	I	18 14 25 29.2	37.75N	141.76E	33	5.6b,5.7W			
SZGRF	I	18 14 25 34.9	38.82N	142.19E	33	5.5b,5.5s			

ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=203.0000°; λ=63.0000°; λ=94.0000°; NP2:φ=14.0000°; λ=82.0000°; λ=82.0000°; M=1.82000×10 ¹⁷								
MOS	Error ellipse: s-maj=6.4km s-min=4.1km az=103.7.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=2.7km s-min=1.8km az=129.3.								
IDC	Error ellipse: s-maj=11.8km s-min=9.3km az=115.0.								
NEIC	Event type fe. Error ellipse: s-maj=3.0km s-min=2.3km az=156.0. Felt in northeastern Honshu and as far south as Tokyo. Recorded [3 JMA] in Fukushima, Iwate and Miyagi; [2 JMA] in Akita, Amomori, Ibaraki, Tochigi and Yamagata; [1 JMA] in Chiba, Gumma, Nagano, Niigata, Tokyo and Saitama Prefectures. Moment Tensor Solution. s23 Moment tensor: Scale 10 ¹⁷ Nm; Mr=1.02 Mm=0.21 Mm=0.80 Mm=1.48 Mm=0.88 Mm=3.77 Best double couple: NP1:φ=307.0000°; λ=21.0000°; λ=21.0000°; NP2:φ=197.0000°; λ=85.0000°; λ=103.0000°; Principal axes: T 4.5900,Plg48.0000°; Azm120.0000°; N -0.8000,Plg13.0000°; Azm16.0000°; P -3.7900,Plg39.0000°; Azm275.0000°; M=4.20000×10 ¹⁷ Moment Tensor Solution. M=1.80000×10 ¹⁷								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s71,c130; Mantle waves: s84,c166; Half duration: 1s4 Moment tensor: Scale 10 ¹⁷ Nm; Mr=1.64±0.3 Mm=0.18±0.2; Mw=1.45±0.2; Mw0.87±0.5; Mw0.37±0.2; Mw=1.43±0.5; Best double couple: NP1:φ=6.0000°; λ=23.0000°; λ=71.0000°; NP2:φ=206.0000°; λ=68.0000°; λ=98.0000°; Principal axes								

BJI	I	20 17 51 52.9	22.40S	174.00E	20	5.5b,5.3s		
ISCJB	I	20 17 51 52.2-18	22.47S-04	173.93E-04	18	5.4s,5.2b		
HRVD	I	20 17 51 52.0-10	22.35S	174.07E	12	5.7W,5.5b		
SZGRF	I	20 17 51 53.8	22.96S	173.59E	33	5.6b,5.2b		
IDC	I	20 17 51 57.2-19	22.39S	173.97E	49-16	5.3,5.2s		
ORF	I	20 17 52 28.3	7.23S	166.26E	30	5.8b,5.2s		
ISC	Event type ke. Error ellipse: s-maj=15.7km s-min=4.1km az=172.0.							
LDG	Event type se. Error ellipse: s-maj=9.0km s-min=8.0km az=45.9.							
MOS	Error ellipse: s-maj=9.0km s-min=8.0km az=45.9.							
NEIC	Event type se. Error ellipse: s-maj=7.9km s-min=5.5km az=146.0. Moment Tensor Solution. s11 Moment tensor: Scale 10 ¹⁷ Nm; Mrr:1.71 M _{rr} :1.69 M _{rr} -3.40 M _{rr} 2.08 M _{rr} -0.83 M _{rr} -2.90							
	Best double couple: NP1:φ=45.0000°; δ30.0000°; λ157.0000°. NP2:φ=153.0000°; δ77.0000°; λ57.0000°. Principal axes: T 4.6900,Plg47.0000°; Azm28.0000°; N 0.0200,Plg33.0000°; Azm162.0000°; P -4.7100,Plg25.0000°; Azm269.0000°; M4.70000x10 ¹⁷							
ISCJB	Event type ke. Error ellipse: s-maj=6.5km s-min=4.8km az=121.3.							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s72,c139; Mantle waves: s91,c194; Half duration: 1s7 Moment tensor: Scale 10 ¹⁷ Nm; Mrr:1.39; 0.4 M _{rr} 2.66; 0.3; M _{rr} 1.27; 0.4; M _{rr} 2.32; 1.0; M _{rr} 0.96; 0.3; M _{rr} -2.41; 1.2; Best double couple: NP1:φ=246.0000°; δ30.0000°; λ24.0000°. NP2:φ=134.0000°; δ78.0000°; λ118.0000°. Principal axes: T 3.9190,Plg49.0000°; Azm74.0000°; N 0.4680,Plg27.0000°; Azm308.0000°; P -4.3880,Plg28.0000°; Azm202.0000°; M4.15400x10 ¹⁷							
SZGRF	Southeast of Loyalty Islands.							
IDC	Error ellipse: s-maj=15.5km s-min=12.7km az=165.0.							
	(703) Andaman Islands region							
ISC	I	21 04 07 04.0-12	13.03N-02	93.28E-02	43	5.8b,5.2s	995	1-170
CRAAG	I	21 04 06 56.7	13.01N	93.41E	5	5.9b,5.2s		18078976
SZGRF	I	21 04 06 56.3	12.44N	93.88E	33	5.8b,5.2s		
DHMR	I	21 04 07 00.7	13.10N	93.41E	10	5.8b,5.2s		
ISCJB	I	21 04 07 01.9-12	13.03N-02	93.28E-02	42	5.8b,5.2s		
MOS	I	21 04 07 01.4-87	13.03N	93.31E	40	6.0b,5.2s		
BJI	I	21 04 07 02.6	12.96N	93.30E	56	5.9b,5.7b		
NEIC	I	21 04 07 03.7-08	13.00N	93.25E	44	5.8b,5.6W		
HRVD	I	21 04 07 04.7-20	13.10N	93.23E	39	5.6W,5.6W		
IDC	I	21 04 07 04.9-11	13.03N	93.27E	53-8	5.7,5.5		
BGS	I	21 04 07 13.4-15	14.48N	91.78E	33-999	5.8b,5.5		
ISC	Event type fe. Andaman Islands, India, region.							
SZGRF	Event type fe. Error ellipse: s-maj=3.5km s-min=2.3km az=24.7.							
MOS	Error ellipse: s-maj=7.3km s-min=3.7km az=117.1.							
NEIC	Event type fe. Error ellipse: s-maj=3.0km s-min=2.2km az=207.0. Felt along the west coast of North Andaman. Also felt at Port Blair. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=20.0000°; δ30.0000°; λ110.0000°. NP2:φ=177.0000°; δ62.0000°; λ79.0000°. Principal axes: T Plg71.0000°; Azm63.0000°; N Plg0.0000°; Azm0.0000°; P Plg16.0000°; Azm275.0000° Moment Tensor Solution. s14 Moment tensor: Scale 10 ¹⁷ Nm; Mrr:2.80 M _{rr} 0.70 M _{rr} -2.09 M _{rr} 0.38 M _{rr} -1.58 M _{rr} -1.31 Best double couple: NP1:φ=51.0000°; δ40.0000°; λ120.0000°. NP2:φ=195.0000°; δ56.0000°; λ68.0000°. Principal axes: T 3.2800,Plg69.0000°; Azm55.0000°; N -0.0200,Plg19.0000°; Azm208.0000°; P -3.2600,Plg9.0000°; Azm301.0000°; M4.3.30000x10 ¹⁷							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s74,c141; Mantle waves: s84,c175; Half duration: 1s6 Moment tensor: Scale 10 ¹⁷ Nm; Mrr:2.53; 0.6 M _{rr} 0.67; 0.4; M _{rr} -3.20; 0.5; M _{rr} -0.05; 0.5; M _{rr} -0.73; 0.4; M _{rr} -1.94; 0.5; Best double couple: NP1:φ=19.0000°; δ29.0000°; λ103.0000°. NP2:φ=184.0000°; δ62.0000°; λ83.0000°. Principal axes: T 3.1360,Plg72.0000°; Azm77.0000°; N 0.7740,Plg6.0000°; Azm187.0000°; P -3.9060,Plg17.0000°; Azm279.0000°; M4.3.52100x10 ¹⁷							
IDC	Error ellipse: s-maj=11.5km s-min=9.2km az=52.0.							
BGS	Error ellipse: s-maj=99.9km s-min=99.9km az=-1.0.							
	(122) Near coast of northern Chile							
ISC	I	21 08 46 59.6-19	25.75S-02	70.60W-05	37	4.9b,3.9s	149	1-174
ISCJB	I	21 08 46 57.7-20	25.70S-02	70.56W-05	35	4.9b,3.9s		18078984
GUC	I	21 08 46 57.5-70	25.72S	70.85W	42-3	4.8L,3.9S		
MOS	I	21 08 46 58.3-15	25.51S	70.54W	33	5.3b,3.9s		
IDC	I	21 08 46 59.5-46	25.76S	70.57W	37-3	4.6,4.5b		
NEIC	I	21 08 46 59.3-19	25.72S	70.54W	35	5.0b,4.8L		
HRVD	I	21 08 46 59.3-60	25.67S	71.07W	34-1	4.9W,4.4L		
BJI	I	21 08 46 59.9	25.70S	70.50W	34	5.6s,5.2s		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=6.9km s-min=3.4km az=176.1.							
GUC	Error ellipse: s-maj=1.5km s-min=1.6km az=-1.0.							
MOS	Error ellipse: s-maj=16.3km s-min=8.0km az=101.1.							
IDC	Error ellipse: s-maj=15.6km s-min=12.7km az=87.0.							
NEIC	Event type se. Error ellipse: s-maj=7.3km s-min=4.2km az=77.0.							
HRVD	Error ellipse: s-maj=5.6km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s15,c18; Mantle waves: s31,c42; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mrr:2.63; 2.5 M _{rr} 0.28; 1.4; M _{rr} -2.35; 1.7; M _{rr} 0.40; 1.3; M _{rr} -0.22; 1.1; M _{rr} 0.27; 1.9; Best double couple: NP1:φ=179.0000°; δ42.0000°; λ79.0000°. NP2:φ=13.0000°; δ49.0000°; λ99.0000°. Principal axes: T 2.6960,Plg82.0000°; Azm340.0000°; N -0.3060,Plg7.0000°; Azm187.0000°; P -2.3930,Plg4.0000°; Azm97.0000°; M2.54400x10 ¹⁶							
	(248) Philippine Islands region							
ISC	I	21 16 10 45.0-1.0	10.38N-05	126.80E-08	35	3.8b	25	1-84
MAN	I	21 16 10 40.3	10.36N	126.88E	15	5.7s,4.7L		19484522
ISCJB	I	21 16 10 43.2-1.0	10.40N-05	126.83E-08	33	3.8b,4.7L		
IDC	I	21 16 10 43.2-1.7	10.52N	126.28E	0	4.0,3.8b		
ISCJB	Error ellipse: s-maj=11.1km s-min=6.4km az=28.0.							
IDC	Error ellipse: s-maj=159.7km s-min=28.3km az=69.0.							
	(259) Mindanao							
ISC	I	22 05 17 28.4-1.3	9.84N-05	126.84E-08	36-12	3.9b	31	1-94
MAN	I	22 05 17 25.5	9.81N	126.68E	1	5.7s,4.7L		19484771
ISCJB	I	22 05 17 26.7-2.0	9.86N-05	126.86E-06	33-16	3.9b,4.7L		
IDC	I	22 05 17 28.7-1.3	10.43N	126.23E	0	4.1,3.9b		
NEIC	I	22 05 17 45.9-66	10.22N	125.85E	150	3.8b,3.9b		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=10.4km s-min=6.8km az=53.3.							
IDC	Error ellipse: s-maj=90.0km s-min=26.9km az=69.0.							
NEIC	Event type se. Error ellipse: s-maj=46.6km s-min=13.9km az=68.0.							
	(186) Vanuatu Islands							
ISC	I	23 06 02 59.2-16	17.38S-03	167.79E-03	33	6.1s,5.6b	291	1-167
IDC	I	23 06 02 53.4-34	17.26S	167.76E	0	6.1s,6.1		18037829
BJI	I	23 06 02 55.7	17.66S	168.26E	42	6.2b,6.1s		
LDG	I	23 06 02 55.5-14	17.01S	167.57E	10-0	6.1s,5.9b		
ISCJB	I	23 06 02 57.1-16	17.40S-03	167.72E-03	32	6.1s,6.2b		
NEIC	I	23 06 02 58.1-16	17.39S	167.73E	23	6.3W,6.2s		
MOS	I	23 06 02 58.6-16	17.33S	167.69E	41	6.1s,5.9b		
INMG	I	23 06 02 59.5	17.42S	167.71E	31	6.4W,5.9b		
HRVD	I	23 06 02 59.5-10	17.29S	167.65E	30	6.4W,5.9b		
CRAAG	I	23 06 03 01.0	17.40S	167.70E	5	5.7b,5.9b		
ORF	I	23 06 03 20.7	7.73S	163.10E	30	6.4b,5.9b		
ISC	Event type fe.							
IDC	Error ellipse: s-maj=8.6km s-min=7.9km az=-1.0.							
LDG	Event type ke. Error ellipse: s-maj=19.7km s-min=6.4km az=95.0.							
ISCJB	Event type fe. Error ellipse: s-maj=4.7km s-min=4.0km az=91.8.							
NEIC	Event type fe. Error ellipse: s-maj=7.4km s-min=6.5km az=50.0. Felt [III] at Port-Vila. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=170.0000°; δ75.0000°; λ90.0000°. NP2:φ=350.0000°; δ15.0000°; λ90.0000°. Principal axes: T Plg60.0000°; Azm80.0000°; N Plg0.0000°; Azm0.0000°; P Plg30.0000°; Azm260.0000° Moment Tensor Solution. s46 Moment tensor: Scale 10 ¹⁸ Nm; Mrr:3.04 M _{rr} 0.06 M _{rr} -3.10 M _{rr} -0.47 M _{rr} 0.59 M _{rr} -1.75 Best double couple: NP1:φ=337.0000°; δ32.0000°; λ69.0000°. NP2:φ=182.0000°; δ60.0000°; λ103.0000°. Principal axes: T 3.6100,Plg72.0000°; Azm123.0000°; N 0.0100,Plg11.0000°; Azm356.0000°; P -3.6200,Plg14.0000°; Azm263.0000°; M4.3.60000x10 ¹⁸ Moment Tensor Solution. M8.00000x10 ¹⁸							
MOS	Error ellipse: s-maj=8.9km s-min=7.4km az=124.6.							

HRVD	Error ellipse: s-maj=0.0km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s90,c225; Mantle waves: s90,c362; Half duration: 3s8 Moment tensor: Scale 10 ¹⁸ Nm; Mrr:3.92; 0.2 M _{rr} 0.26; 0.2; M _{rr} -4.18; 0.2; M _{rr} 0.67; 0.4; M _{rr} 0.57; 0.2; M _{rr} -2.34; 0.4; Best double couple: NP1:φ=358.0000°; δ30.0000°; λ99.0000°. NP2:φ=168.0000°; δ60.0000°; λ85.0000°. Principal axes: T 4.6060,Plg74.0000°; Azm65.0000°; N 0.3040,Plg4.0000°; Azm170.0000°; P -4.9100,Plg15.0000°; Azm262.0000°; M4.75800x10 ¹⁸							
	(153) South Sandwich Islands region							
ISC	I	23 13 52 26.2-1.6	55.97S-07	26.7W-10	44-15	4.8b,4.2s	57	6-159
CSEM	I	23 13 52 22.9	55.90S	26.42W	33	5.6b,4.2s		18037833
MOS	I	23 13 52 23.7-1.2	55.97S	26.68W	33	5.2b,4.2s		
ISCJB	I	23 13 52 24.1-1.9	55.92S-07	26.7W-10	39-18	4.8b,4.2s		
NEIC	I	23 13 52 25.3-1.3	55.94S	26.63W	36-11	5.0b,4.3s		
HRVD	I	23 13 52 25.3-1.1	56.04S	26.67W	34-1	4.9W,4.3s		
BJI	I	23 13 52 25.2	55.90S	26.60W	35	5.4s,5.3b		
IDC	I	23 13 52 26.0-1.7	55.97S	26.69W	38-13	4.7,4.6		
ISC	Event type se.							
MOS	Error ellipse: s-maj=23.9km s-min=11.8km az=106.5.							
ISCJB	Event type se. Error ellipse: s-maj=14.9km s-min=7.6km az=89.6.							
NEIC	Event type se. Error ellipse: s-maj=9.0km s-min=5.3km az=46.0.							
HRVD	Error ellipse: s-maj=14.5km s-min=14.5km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s16,c20; Mantle waves: s23,c31; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mrr:2.08; 4.2 M _{rr} 0.44; 3.4; M _{rr} -2.52; 2.6; M _{rr} -0.34; 4.0; M _{rr} -0.63; 2.9; M _{rr} -0.46; 2.5; Best double couple: NP1:φ=2.0000°; δ40.0000°; λ77.0000°. NP2:φ=200.0000°; δ52.0000°; λ101.0000°. Principal axes: T 2.1720,Plg79.0000°; Azm156.0000°; N 0.5300,Plg9.0000°; Azm13.0000°; P -2.7030,Plg6.0000°; Azm282.0000°; M2.43700x10 ¹⁶							
IDC	Error ellipse: s-maj=17.2km s-min=12.5km az=43.0.							
	(83) South of Panama							
ISC	I	23 20 50 47.0-12	6.89N-02	77.78W-02	24	6.0b,5.9s	1010	2-170
CRAAG	I	23 20 50 43.1	6.83N	77.76W		6.1b,5.9s		18037834
CASC	I	23 20 50 43.4-1.2	6.92N	77.81W	0-6	6.1b,5.7W		
BGS	I	23 20 50 43.4	6.97N	79.01W	33	6.1b,5.7W		
ISCJB	I	23 20 50 44.9-12	6.90N-02	77.81W-01	22	6.0b,5.9s		
NEIC	I	23 20 50 45.0-10	6.86N	77.79W	14	6.3,6.2W		
BJI	I	23 20 50 44.9	6.90N	77.80W	14	6.3s,6.1b		
MOS	I	23 20 50 44.2-94	6.89N	77.84W	17	6.1b,5.8s		
HRVD	I	23 20 50 45.0-10	6.97N	77.77W	15	6.2W,5.5b		
IDC	I	23 20 50 46.6-3.4	6.88N	77.82W	28-23	6.0,6.0s		
IGIL	I	23 20 50 46.7	6.84N	77.79W	26	5.7s,6.0s		
SZGRF	I	23 20 50 56.0	8.12N	76.55W	33	6.1b,5.9s		
ISC	Event type fe.							
CASC	Error ellipse: s-maj=6.9km s-min=4.7km az=-1.0.							
ISCJB	Event type fe. Error ellipse: s-maj=3.0km s-min=1.8km az=49.7.							
NEIC	Event type fe. Error ellipse: s-maj=2.9km s-min=2.0km az=31.0. Felt in Choco and by people in high-rise buildings at Bogota, Cali and Medellin. Felt at El Real and in other parts of Darien, Panama. Also felt by people in high-rise buildings at Panama City, Panama. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=175.0000°; δ79.0000°; λ9							

1017Nm; Mrr=0.24±0.04; Mtt=1.80±0.05; Mbb=1.56±0.04; Mrr0.20±0.08; Mtt0.15±0.04; Mbb0.21±0.07; Best double couple: NP1:φ=114.00000°; λ=1.00000°; NP2:φ=24.00000°; λ=89.00000°; λ=173.00000°; Principal axes: T 2.4060, Plg6.0000°; Azm339.0000°; N -0.2580, Plg83.0000°; Azm193.0000°; P -2.1470, Plg4.0000°; Azm69.0000°; M=2.27600×10¹⁷

(210) South of Mariana Islands

Table with columns for station name (ISC, IDC, MOS, BJI, etc.), time, and various parameters (e.g., 24 07 49 25.0-20, 10.95N-03, 144.01E-03, 35, 5.3b, 4.5s, 275, 3-167, etc.)

(150) Scotia Sea

Table with columns for station name (ISC, BJI, IDC, MOS, HRVD, NEIC, ISCJB, HRVD), time, and various parameters (e.g., 24 19 22 36.6-5.0, 60.43S-06, 44.2W-10, 13-32, 4.7b, 4.1s, 44, 7-164, etc.)

(173) Tonga Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, HRVD), time, and various parameters (e.g., 25 21 55 19.9-32, 21.76S-08, 174.59W-08, 35, 4.8b, 4.4s, 78, 8-171, etc.)

(178) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, HRVD), time, and various parameters (e.g., 26 01 16 20.3-19, 30.67S-04, 177.81W-05, 36, 5.2b, 5.1s, 170, 1-170, etc.)

(178) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, HRVD), time, and various parameters (e.g., 26 06 32 17.0-39, 30.57S-06, 177.83W-10, 42, 5.0b, 4.4s, 50, 1-166, etc.)

(274) Southern Sumatra

Table with columns for station name (ISC, BJI, MOS, ISCJB, NEIC, IDC, SZGRF), time, and various parameters (e.g., 26 23 57 56.9, 5.26S, 102.79E, 64, 5.3b, 5.3s, 18079358, etc.)

(178) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, HRVD), time, and various parameters (e.g., 26 06 32 10.8-1.2, 30.50S, 177.95W, 10, 5.1b, 4.4s, 18188413, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, HRVD), time, and various parameters (e.g., 26 01 16 14.1, 30.16S, 177.26W, 8, 5.7b, 5.3s, 18188838, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, HRVD), time, and various parameters (e.g., 26 01 16 15.1-1.1, 30.52S, 177.83W, 10, 5.5b, 5.2s, 18188843, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, HRVD), time, and various parameters (e.g., 26 01 16 16.0-16, 30.69S, 177.79W, 10, 5.3b, 5.1s, 18188843, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, HRVD), time, and various parameters (e.g., 26 01 16 16.0-20, 30.46S, 177.36W, 32-0, 5.6W, 5.1s, 18188843, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, HRVD), time, and various parameters (e.g., 26 01 16 19.6-2.3, 30.38S, 177.76W, 30-15, 5.0s, 5.0, 18188843, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, HRVD), time, and various parameters (e.g., 26 01 16 31.6, 27.49S, 177.97W, 33, 5.4b, 5.0, 18188843, etc.)

(178) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, HRVD), time, and various parameters (e.g., 26 06 32 10.8-1.2, 30.50S, 177.95W, 10, 5.1b, 4.4s, 18188414, etc.)

(178) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, HRVD), time, and various parameters (e.g., 26 06 32 15.4-39, 30.56S-05, 177.93W-10, 40, 5.0b, 4.4s, 18188414, etc.)

(178) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, HRVD), time, and various parameters (e.g., 26 06 32 16.6-37, 30.45S, 177.91W, 43, 5.0b, 4.4s, 18188414, etc.)

MOS Error ellipse: s-maj=19.9km s-min=14.1km az=121.1.
ISCJB Event type se. Error ellipse: s-maj=11.1km s-min=5.6km az=51.5.
NEIC Event type se. Error ellipse: s-maj=13.7km s-min=12.4km az=163.0.

(403) Northern Mid-Atlantic Ridge

Table with columns for station name (ISC, IDC, MOS, BJI, NEIC, ISC, ISCJB, IDC, NEIC), time, and various parameters (e.g., 29 05 57 08.8-45, 13.34N-07, 44.83W-09, 10, 4.3b, 3.9s, 46, 21-134, etc.)

(171) South of Fiji Islands

Table with columns for station name (ISC, IDC, ISCJB, MOS, BJI, HRVD, NEIC, ORF, SZGRF), time, and various parameters (e.g., 29 08 26 25.6-1.3, 23.74S-06, 177.23W-06, 47-11, 5.2b, 4.4s, 121, 11-169, etc.)

(102) Near west coast of Colombia

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, SZGRF), time, and various parameters (e.g., 29 17 49 14.9-20, 6.77N-03, 77.74W-03, 18, 5.1b, 4.5s, 353, 2-151, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, SZGRF), time, and various parameters (e.g., 29 17 49 12.7-20, 6.77N-03, 77.74W-02, 17, 5.1b, 4.5s, 18079542, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, SZGRF), time, and various parameters (e.g., 29 17 49 12.3-1.0, 6.94N, 77.72W, 10, 5.3b, 4.5s, 18079542, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, SZGRF), time, and various parameters (e.g., 29 17 49 12.5-1.8, 6.86N, 77.79W, 0-6, 5.3b, 5.0W, 18079542, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, SZGRF), time, and various parameters (e.g., 29 17 49 14.2-17, 6.75N, 77.70W, 18, 5.3b, 4.4s, 18079542, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, SZGRF), time, and various parameters (e.g., 29 17 49 14.1, 6.70N, 77.70W, 17, 5.5b, 5.3s, 18079542, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, SZGRF), time, and various parameters (e.g., 29 17 49 15.6-3.8, 6.79N, 77.74W, 28-26, 5.1L, 4.7, 18079542, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, SZGRF), time, and various parameters (e.g., 29 17 49 19.3, 7.31N, 77.03W, 20, 5.1b, 4.6s, 18079542, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, SZGRF), time, and various parameters (e.g., 30 02 10 30.9-3.2, 31.92S-04, 178.55W-07, 13, 4.8b, 4.3s, 87, 3-161, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, SZGRF), time, and various parameters (e.g., 30 02 10 30.9-1.4, 31.95S, 178.62W, 10, 4.9b, 4.3s, 18079560, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, SZGRF), time, and various parameters (e.g., 30 02 10 31.6-34, 31.97S-04, 178.62W-07, 12, 4.8b, 4.3s, 18079560, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, SZGRF), time, and various parameters (e.g., 30 02 10 31.2, 31.81S, 178.52W, 10, 5.5b, 5.0s, 18079560, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, SZGRF), time, and various parameters (e.g., 30 02 10 31.8-4.2, 31.92S, 178.61W, 10, 4.9b, 4.4s, 18079560, etc.)

(177) Kermadec Islands

Table with columns for station name (ISC, IDC, MOS, HRVD, NEIC, ISCJB, SZGRF), time, and various parameters (e.g., 30 02 10 36.8-2.7, 31.79S, 178.71W, 41-23, 4.8L, 4.7, 18079560, etc.)

ISC Event type se. Error ellipse: s-maj=7.1km s-min=4.1km az=66.6.
MOS Error ellipse: s-maj=16.2km s-min=10.7km az=110.6.
NEIC Event type se. Error ellipse: s-maj=7.9km s-min=4.4km az=124.0.
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s18,c25; Mantle waves: s42,c60; Half duration: 0 Moment tensor: Scale 10¹⁶Nm; Mrr=2.73±0.30; Mtt=0.16±18; Mbb=2.56±19; Mrr0.46±32; Mtt0.36±13; Mbb1.57±26; Best double couple: NP1:φ=199.00000°; λ=70.00000°; NP2:φ=357.00000°; λ=361.00000°; λ=79.00000°; Principal axes: T 3.2460, Plg72.0000°; Azm240.0000°; N -0.2300, Plg10.0000°; Azm2.0000°; P -3.0100, Plg15.0000°; Azm95.0000°; M=3.12800×10¹⁶

1017Nm; Mr=4.63±.06 M₀=3.35±.05; M₀=1.28±.06; M₀=4.62±.09; M₀=2.78±.04; M₀=4.84±.10; Best double couple: NP1:φ=293.0000°; δ19.00000°; λ70.00000°; NP2:φ=134.00000°; δ72.00000°; λ97.00000°; Principal axes: T 8.0860, Plg2.0000°; Azm55.0000°; N 0.4970, Plg7.0000°; Azm312.0000°; P -8.5830, Plg27.0000°; Azm219.0000°; M₀8.33400×10¹⁷

SZGRF Northern Sumatera, Indonesia.
 IDC Error ellipse: s-maj=13.1km s-min=10.1km az=36.0.
 NEIC Event type se. Error ellipse: s-maj=5.1km s-min=3.5km az=198.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=140.00000°; δ75.00000°; λ90.00000°; NP2:φ=320.00000°; δ15.00000°; λ90.00000°; Principal axes: T Plg60.0000°; Azm50.00000°; N Plg0.0000°; Azm0.00000°; P Plg30.0000°; Azm230.0000°; Moment Tensor Solution. s39 Moment tensor: Scale 1017Nm; Mr=5.03 M₀=4.73 M₀=0.29 M₀=1.59 M₀=2.59 M₀=4.14 Best double couple: NP1:φ=281.00000°; δ21.00000°; λ66.00000°; NP2:φ=126.00000°; δ71.00000°; λ99.00000°; Principal axes: T 8.2900, Plg3.0000°; Azm50.0000°; N 0.6600, Plg8.0000°; Azm303.0000°; P -8.9500, Plg25.0000°; Azm209.0000°; M₀8.60000×10¹⁷

MOS Error ellipse: s-maj=7.4km s-min=4.1km az=118.7.
 (248) Philippine Islands region
 ISC II 01 23 54 26.2-30 10.27N 126.25E 46 4.2b,3.9s 57 1-146
 NAO II 01 23 54 05.5 7.33N 130.60E 33 4.5b,3.9s 18318939
 MAN II 01 23 54 21.3 10.34N 126.64E 7 8.2s,4.6L
 MOS II 01 23 54 23.2-10 10.23N 126.14E 35 4.4b,4.6L
 ISCJB II 01 23 54 24.1-38 10.35N-.04 126.59E-.04 44 4.2b,3.9s
 IDC II 01 23 54 25.9-61 10.30N 126.32E 44-5 4.1,4.0
 BJI II 01 23 54 26.2 10.30N 126.30E 45 5.2b,4.6b
 NEIC II 01 23 54 26.2-30 10.27N 126.25E 46 4.2b,4.6b
 ISC Event type se.
 MOS Error ellipse: s-maj=36.0km s-min=9.9km az=110.2.
 ISCJB Event type se. Error ellipse: s-maj=6.2km s-min=5.4km az=29.0.
 IDC Error ellipse: s-maj=37.4km s-min=11.7km az=71.0.
 NEIC Event type se. Error ellipse: s-maj=24.3km s-min=6.6km az=69.0.
 (189) Southeast of Loyalty Islands
 ISC II 02 07 13 11.7-21 21.19S-.04 169.65E-.04 43 5.2b,5.0s 153 3-166
 LDG II 02 07 13 05.5-23 21.44S 169.26E 10-0 5.5b,5.1s 18079742
 NAO II 02 07 13 06.6 22.58S 172.47E 33 4.7b,5.1s
 ISCJB II 02 07 13 10.0-21 21.18S-.04 169.57E-.04 41 5.2b,5.0s
 SZGRF II 02 07 13 09.7 21.60S 169.48E 33 5.3b,5.0s
 IDC II 02 07 13 09.1-2.0 21.11S 169.64E 25-12 5.0,5.0s
 MOS II 02 07 13 09.1-1.1 21.12S 169.60E 33 5.6b,5.2s
 CSEM II 02 07 13 10.0 21.32S 169.57E 33 5.5b,5.2s
 HRVD II 02 07 13 11.4-10 21.25S 169.42E 31 5.6W,5.2s
 BJI II 02 07 13 11.7 20.47S 169.78E 41 5.6b,5.2s
 NEIC II 02 07 13 11.4-16 21.18S 169.61E 45 5.6W,5.4b
 BGS II 02 07 13 12.8-4.4 21.18S 169.60E 45-0 5.4b,5.4b
 ISC Event type ke.
 LDG Event type ke. Error ellipse: s-maj=23.1km s-min=2.9km az=159.0.
 ISCJB Event type ke. Error ellipse: s-maj=6.1km s-min=5.2km az=106.5.
 SZGRF Southeast of Loyalty Islands
 IDC Error ellipse: s-maj=15.7km s-min=11.8km az=160.0.
 MOS Error ellipse: s-maj=11.2km s-min=8.5km az=121.7.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s77.c175; Mantle waves: s86.c175; Half duration: 1s6 Moment tensor: Scale 1017Nm; Mr=2.77±.05 M₀=0.05±.04; M₀=2.71±.04; M₀=0.12±.07; M₀=1.46±.03; M₀=1.79±.07; Best double couple: NP1:φ=323.00000°; δ32.00000°; λ68.00000°; NP2:φ=168.00000°; δ61.00000°; λ103.00000°; Principal axes: T 3.3320, Plg71.0000°; Azm108.0000°; N 0.4710, Plg11.0000°; Azm341.0000°; P -3.7950, Plg15.0000°; Azm248.0000°; M₀3.56300×10¹⁷

NEIC Event type se. Error ellipse: s-maj=6.9km s-min=6.1km az=163.0. Moment Tensor Solution. s21 Moment tensor: Scale 1017Nm; Mr=2.61 M₀=0.15 M₀=2.75 M₀=0.24 M₀=0.07 M₀=1.95 Best double couple: NP1:φ=176.00000°; δ63.00000°; λ85.00000°; NP2:φ=7.00000°; δ27.00000°; λ100.00000°; Principal axes: T 3.2600, Plg71.0000°; Azm75.0000°; N 0.1300, Plg4.0000°; Azm178.0000°; P -3.3900, Plg18.0000°; Azm270.0000°; M₀3.30000×10¹⁷

BGS Error ellipse: s-maj=999.9km s-min=999.9km az=1.0.
 (684) Southern East Pacific Rise
 ISC II 02 13 34 48.4-54 23.98S-.09 115.4W-10 10 5.3s,4.6b 37 13-153
 IDC II 02 13 34 42.8-1.4 24.44S 116.03W 0 4.4,4.2 18079752
 ISCJB II 02 13 34 46.2-53 23.96S-.08 115.4W-10 10 5.3s,4.6b
 NEIC II 02 13 34 47.9-48 24.00S 115.36W 10 5.1b,4.6b
 BJI II 02 13 34 47.9 24.00S 115.40W 10 5.7b,5.2s
 ISC Event type se.
 IDC Error ellipse: s-maj=50.5km s-min=20.7km az=49.0.
 ISCJB Event type se. Error ellipse: s-maj=14.9km s-min=10.8km az=111.8.
 NEIC Event type se. Error ellipse: s-maj=13.9km s-min=10.9km az=56.0.
 (228) Near east coast of eastern Honshu
 ISC II 03 04 37 37.8-12 36.23N-.02 141.54E-.02 37 5.5s,5.5b 827 1-162
 NIED II 03 04 37 00 36.20N 141.70E 23 5.7W,5.5b 18079784
 BJI II 03 04 37 34.1 36.29N 141.37E 24 5.9s,5.8s
 JMA II 03 04 37 35.3-20 36.21N 141.61E 62-4 5.9,5.8s
 ISCJB II 03 04 37 36.1-12 36.19N-.02 141.54E-.02 35 5.5s,5.5b
 NEIC II 03 04 37 36.4-15 36.16N 141.45E 28 5.7W,5.7W
 HRVD II 03 04 37 36.4-10 36.12N 141.81E 32 5.7W,5.7W
 CRAAG II 03 04 37 37.4 36.28N 141.39E 5 5.4s,5.7W
 IDC II 03 04 37 37.7-2.1 36.13N 141.53E 38-17 5.4s,5.4s
 MOS II 03 04 37 38.0-80 36.60N 141.41E 33 5.9s,5.7b
 BGS II 03 04 37 38.0 36.01N 140.41E 33 5.4b,5.7b
 SZGRF II 03 04 37 40.3 36.95N 141.93E 42 5.9s,5.3b
 NAO II 03 04 37 48.3 37.80N 140.28E 33 5.7b,5.3b
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=27.00000°; δ72.00000°; λ85.00000°; NP2:φ=224.00000°; δ19.00000°; λ106.00000°; M₀3.90000×10¹⁷
 Event type fe. Error ellipse: s-maj=1.1km s-min=2.7km az=1.0.
 JMA Event type fe. Error ellipse: s-maj=2.9km s-min=2.2km az=124.5.
 ISCJB Event type fe. Error ellipse: s-maj=4.7km s-min=3.2km az=165.0. Felt at Tokyo. Recorded [3 JMA] in Fukushima, Ibaraki, Miyagi and Tochigi; [2 JMA] in Chiba, Gumma, Iwate, Kanagawa, Nagano, Niigata, Saitama, Tokyo and Yamagata; [1 JMA] in Aichi, Akita and Aomori, Shizuoka and Yamanashi Prefectures. Recorded [1 JMA] in south-central Hokkaido. Depth from synthetics of broadband displacement seismograms. Energy computed from MT mechanism. Moment Tensor Solution. M₀3.90000×10¹⁷ Moment Tensor Solution. s27 Moment tensor: Scale 1017Nm; Mr=2.21 M₀=0.80 M₀=1.41 M₀=1.43 M₀=1.58 M₀=4.21 Best double couple: NP1:φ=21.00000°; δ76.00000°; λ79.00000°; NP2:φ=241.00000°; δ18.00000°; λ128.00000°; Principal axes: T 5.0100, Plg57.0000°; Azm276.0000°; N 0.1900, Plg11.0000°; Azm24.0000°; P -5.1900, Plg30.0000°; Azm120.0000°; M₀5.10000×10¹⁷

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s87.c175; Mantle waves: s97.c213; Half duration: 1s8 Moment tensor: Scale 1017Nm; Mr=2.91±.05 M₀=0.55±.04; M₀=2.36±.04; M₀=1.46±.07; M₀=1.83±.03; M₀3.35±.06; Best double couple: NP1:φ=221.00000°; δ21.00000°; λ105.00000°; NP2:φ=25.00000°; δ70.00000°; λ84.00000°; Principal axes: T 4.5950, Plg65.0000°; Azm285.0000°; N 0.5350, Plg5.0000°; Azm27.0000°; P -5.1330, Plg24.0000°; Azm119.0000°; M₀4.86400×10¹⁷

IDC Error ellipse: s-maj=12.0km s-min=9.3km az=101.0.
 MOS Error ellipse: s-maj=6.6km s-min=4.0km az=108.3.
 SZGRF Near east coast of eastern Honshu, Japan.
 (228) Near east coast of eastern Honshu
 ISC II 03 04 39 26.3-37 36.25N-.04 141.48E-.05 33 5.2s,5.1b 92 1-91
 NIED II 03 04 39 00 36.20N 141.50E 23 5.1W,5.1b 18188623
 NAO II 03 04 39 23.7 35.75N 141.22E 33 5.3b,5.1b
 ISCJB II 03 04 39 24.8-35 36.29N-.04 141.51E-.05 31 5.2s,5.1b
 BJI II 03 04 39 24.4 36.60N 141.50E 31 5.5b,4.6b
 JMA II 03 04 39 25.1-10 36.25N 141.48E 53-3 4.9,4.6b
 MOS II 03 04 39 26.1-84 36.65N 141.49E 33 5.3b,4.6b
 NEIC II 03 04 39 27.5-33 36.58N 141.46E 32 5.1W,5.1b
 IDC II 03 04 39 27.7-84 36.61N 141.54E 32-5 5.2s,5.2
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=33.00000°; δ73.00000°; λ95.00000°; NP2:φ=197.00000°; δ18.00000°; λ75.00000°; M₀5.91000×10¹⁶
 ISCJB Event type fe. Error ellipse: s-maj=5.7km s-min=5.2km az=62.9.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.

MOS Error ellipse: s-maj=13.0km s-min=8.4km az=44.8.
 NEIC Event type se. Error ellipse: s-maj=8.4km s-min=6.0km az=158.0. Moment Tensor Solution. M₀9.0000×10¹⁶

IDC Error ellipse: s-maj=21.7km s-min=19.1km az=81.0.
 (228) Near east coast of eastern Honshu
 ISC II 03 06 10 06.3-15 36.23N-.02 141.55E-.02 38 5.2b,5.0s 537 1-158
 NIED II 03 06 10 00 36.20N 141.60E 23 5.2W,5.0s 18079789
 MOS II 03 06 10 03.7-1.0 36.18N 141.57E 32 5.5b,5.3s
 BJI II 03 06 10 03.4 36.16N 141.21E 16 5.3b,5.2s
 JMA II 03 06 10 03.6-20 36.23N 141.61E 63-4 5.3,5.2s
 ISCJB II 03 06 10 04.6-15 36.20N-.02 141.55E-.02 36 5.2b,5.0s
 IDC II 03 06 10 05.6-38 36.13N 141.54E 35-2 4.9,4.8
 NEIC II 03 06 10 06.0-13 36.18N 141.52E 37 5.2W,5.2b
 HRVD II 03 06 10 06.1-20 36.15N 141.89E 32 5.3W,5.2b
 NAO II 03 06 10 06.5 36.26N 141.08E 33 5.6b,5.2b
 BGS II 03 06 10 07.2-2.5 35.06N 136.50E 33-0 5.3b,5.2b
 SZGRF II 03 06 10 08.1 36.67N 141.47E 38 5.1b,5.1s
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=24.00000°; δ69.00000°; λ83.00000°; NP2:φ=223.00000°; δ22.00000°; λ108.00000°; M₀7.77000×10¹⁶
 Event type fe. Error ellipse: s-maj=8.6km s-min=4.6km az=118.2.
 MOS Error ellipse: s-maj=1.1km s-min=2.7km az=1.0.
 JMA Event type fe. Error ellipse: s-maj=3.2km s-min=2.4km az=126.3.
 ISCJB Event type fe. Error ellipse: s-maj=11.4km s-min=9.5km az=109.0.
 IDC Event type fe. Error ellipse: s-maj=3.9km s-min=2.6km az=163.0. Recorded [2 JMA] in Chiba, Fukushima, Ibaraki, Miyagi and Tochigi; [1 JMA] in Gumma, Kanagawa, Nagano, Saitama and Tokyo Prefectures. Moment Tensor Solution. M₀7.80000×10¹⁶
 NEIC Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s60.c94; Mantle waves: s77.c155; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr=0.67±.02 M₀=0.16±.01; M₀=0.51±.02; M₀=0.27±.02; M₀=0.38±.01; M₀=0.69±.02; Best double couple: NP1:φ=222.00000°; δ23.00000°; λ107.00000°; NP2:φ=24.00000°; δ68.00000°; λ83.00000°; Principal axes: T 1.0010, Plg6.0000°; Azm282.0000°; N 0.0690, Plg6.0000°; Azm27.0000°; P -1.0700, Plg23.0000°; Azm119.0000°; M₀1.03500×10¹⁷

BGS Error ellipse: s-maj=815.6km s-min=999.9km az=1.0.
 SZGRF Near east coast of eastern Honshu, Japan.
 (153) South Sandwich Islands region
 ISC II 03 06 58 16.7-50 55.37S-.08 29.9W-10 10 5.0s,4.3b 18 5-151
 ISCJB II 03 06 58 15.0-50 55.35S-.08 28.0W-10 10 5.0s,4.3b 18079791
 IDC II 03 06 58 15.4-67 55.33S 27.86W 0 4.4b,4.4
 NEIC II 03 06 58 16.8-41 55.32S 27.94W 10 4.6b,4.4
 BJI II 03 06 58 16.8 55.30S 27.90W 10 5.5b,5.4s
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.7km s-min=9.3km az=91.8.
 IDC Error ellipse: s-maj=24.0km s-min=16.9km az=20.0.
 NEIC Event type se. Error ellipse: s-maj=10.7km s-min=7.4km az=224.0.
 (703) Andaman Islands region
 ISC II 03 20 34 11.9-12 11.86N-.02 92.41E-.02 25 5.9s,5.5b 989 0-169
 CRAAG II 03 20 34 07.4 12.05N 92.36E 5.6b,5.5b 18079812
 ISCJB II 03 20 34 09.7-12 11.82N-.02 92.40E-.02 24 5.9s,5.5b
 IDC II 03 20 34 10.1-3.3 11.78N 92.45E 18-20 5.8s,5.8
 BJI II 03 20 34 10.6 11.78N 92.39E 37 6.3s,6.3b
 NEIC II 03 20 34 11.0-12 11.86N 92.37E 19 6.0,6.0W
 MOS II 03 20 34 11.0-1.1 11.88N 92.42E 33 5.9s,5.7b
 HRVD II 03 20 34 12.7-10 11.83N 92.17E 12 6.1W,5.7b
 SZGRF II 03 20 34 14.2 12.69N 92.99E 27 5.9s,5.3b
 NAO II 03 20 34 16.3 13.11N 93.20E 33 5.1b,5.3b
 BGS II 03 20 34 25.4 14.33N 91.66E 33 5.4b,5.3b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=3.3km s-min=2.3km az=29.1.
 IDC Error ellipse: s-maj=13.2km s-min=8.8km az=41.0.
 NEIC Event type fe. Error ellipse: s-maj=3.8km s-min=2.8km az=19.0. Felt [V] at Port Blair. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s38 Moment tensor: Scale 1018Nm; Mr=0.61 M₀=0.08 M₀=0.53 M₀=0.23 M₀=0.31 M₀=1.14 Best double couple: NP1:φ=167.00000°; δ76.00000°; λ98.00000°; NP2:φ=318.00000°; δ16.00000°; λ62.00000°; Principal axes: T 1.3200, Plg59.0000°; Azm87.0000°; N 0.0400, Plg8.0000°; Azm345.0000°; P -1.3600, Plg30.0000°; Azm250.0000°; M₀1.30000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=355.00000°; δ13.00000°; λ90.00000°; NP2:φ=175.00000°; δ77.00000°; λ90.00000°; Principal axes: T Plg58.0000°; Azm85.0000°; N Plg0.0000°; Azm0.0000°; P Plg32.0000°; Azm265.0000°
 Error ellipse: s-maj=7.7km s-min=4.0km az=115.3.
 MOS Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s77.c171; Mantle waves: s69.c196; Half duration: 2s6 Moment tensor: Scale 1018Nm; Mr=0.47±.01 M₀=0.12±.01; M₀=0.59±.01; M₀=1.4±.02; M₀=0.06±.01; M₀=1.48±.02; Best double couple: NP1:φ=356.00000°; δ10.00000°; λ91.00000°; NP2:φ=175.00000°; δ80.00000°; λ90.00000°; Principal axes: T 1.5190, Plg65.0000°; Azm85.0000°; N 0.1210, Plg0.0000°; Azm175.0000°; P -1.6410, Plg35.0000°; Azm265.0000°; M₀1.58000×10¹⁸

SZGRF Andaman Islands, India, region.
 (696) Galapagos Islands region
 ISC II 04 09 17 05.5-1.3 1.09N-.03 90.55W-03 15-7 5.6s,5.2b 252 2-153
 ISCJB II 04 09 17 02.6-22 1.10N-.03 90.51W-.03 10 5.6s,5.2b 18079836
 IDC II 04 09 17 03.0-42 1.18N 90.65W 10 5.6,5.6
 BJI II 04 09 17 04.0 1.10N 90.50W 10 5.9s,5.6s
 NEIC II 04 09 17 04.1-25 1.09N 90.46W 10 5.9W,5.4s
 HRVD II 04 09 17 04.1-10 1.07N 90.72W 12 5.9W,5.5b
 MOS II 04 09 17 05.5-99 1.26N 90.40W 23 5.5b,5.4s
 CSEM II 04 09 17 05.5 1.96N 90.61W 30 5.9L,5.4s
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=5.3km s-min=4.1km az=112.8.
 IDC Error ellipse: s-maj=11.2km s-min=6.1km az=63.0.
 NEIC Event type se. Error ellipse: s-maj=8.6km s-min=4.7km az=57.0. Moment Tensor Solution. M₀4.0000×10¹⁷ Moment Tensor Solution. s19 Moment tensor: Scale 1017Nm; Mr=0.34 M₀=4.16 M₀=4.50 M₀=1.10 M₀=6.83 M₀=3.00 Best double couple: NP1:φ=344.00000°; δ88.00000°; λ22.00000°; NP2:φ=253.00000°; δ68.00000°; λ178.00000°; Principal axes: T 8.6300, Plg17.0000°; Azm211.0000°; N 0.1200, Plg68.0000°; Azm350.0000°; P -8.7600, Plg13.0000°; Azm117.0000°; M₀8.70000×10¹⁷
 Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s88.c188; Mantle waves: s89.c201; Half duration: 2s2 Moment tensor: Scale 1017Nm; Mr=0.64±.08 M₀=3.39±.08; M₀=2.75±.10; M₀=1.23±.20; M₀=7.44±.07; M₀=0.48±.23; Best double couple: NP1:φ=349.00000°; δ81.00000°; λ3.00000°; NP2:φ=79.00000°; δ87.00000°; λ171.00000°; Principal axes: T 8.4310, Plg5.0000°; Azm213.0000°; N 0.5360, Plg80.0000°; Azm95.0000°; P -7.8920, Plg9.0000°; Azm304.0000°; M₀8.16200×10¹⁷

MOS Error ellipse: s-maj=14.8km s-min=7.3km az=99.3.
 (738) Reykjanes Ridge
 ISC II 04 14 29 54.7-1.2 59.15N-.03 30.87W-03 6-7 4.9b,4.9s 609 7-161
 NAO II 04 14 29 46.7 58.16N 32.36W 33 4.8b,4.9s 18079847
 SZGRF II 04 14 29 51.9 59.35N 32.13W 33 5.0s,4.9b
 BJI II 04 14 29 52.5 59.50N 31.23W 3 5.5b,5.2b
 CSEM II 04 14 29 53.3-03 59.17N 30.87W 10 5.3W,5.0s
 IDC II 04 14 29 53.4-37 59.08N 30.93W 0 5.0,5.0s
 ISCJB II 04 14 29 53.8-13 59.16N-.03 30.89W-.03 10 4.9b,4.9s
 NEIC II 04 14 29 55.5-12 59.13N 30.89W 10 5.0s,5.0b
 HRVD II 04 14 29 55.5-20 59.15N 30.74W 12 5.3W,5.0b
 MOS II 04 14 29 55.1-89 59.10N 30.92W 21 5.2b,4.9s
 ISC Event type ke.
 SZGRF Reykjanes Ridge.
 Event type ke. Error ellipse: s-maj=2.5km s-min=1.1km az=13.0.
 IDC Error ellipse: s-maj=12.9km s-min=8.5km az=5.0.
 ISCJB Event type ke. Error ellipse: s-maj=4.1km s-min=2.2km az=32.4.
 NEIC Event type se. Error ellipse: s-maj=4.6km s-min=2.2km az=196.0.
 Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s58.c79; Mantle waves: s89.c176; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr=0.98±.02 M₀=0.00±.02; M₀=0.98±.02; M₀=0.20±.06; M₀=0.29±.02; M₀=0.31±.05; Best double couple: NP1:φ=210.00000°; δ40.00000°; λ-66.00000°; NP2:φ=1.00000°; δ54.00000°; λ-109.00000°; Principal axes: T 1.0970, Plg7.0000°; Azm104.0000°

; N -0.0110,Plg15.0000°,AzM12.0000°; P -1.0860,Plg73.0000°,AzM218.0000° M ₀ 1.09200x10 ¹⁷									
MOS	Error ellipse: s-maj=6.2km s-min=5.4km az=21.4.								
(676) Northern Alaska									
ISC	II	05 08 17 02.7-09	66.28N-01	142.47W-04	19	5.1s,5.0b	645	1-177	
SZGRF	II	05 08 16 55.7	64.69N	143.12W	33	5.2b,5.1s			18079880
BJI	II	05 08 16 59.8	66.17N	142.15W	24	5.8s,5.4s			
PGC	II	05 08 16 59.9	66.43N	142.34W	10	5.7L,5.6L			
IDC	II	05 08 17 00.3-37	66.39N	142.25W	0	5.0L,4.9s			
ISCJB	II	05 08 17 01.0-09	66.27N-01	142.45W-04	18	5.1s,5.0b			
NEIC	II	05 08 17 01.4	66.30N	142.69W	9	5.5W,5.1s			
HRVD	II	05 08 17 01.4-10	66.46N	142.16W	14-0	5.4W,5.1s			
MOS	II	05 08 17 03.5-93	66.28N	142.37W	38	5.2b,5.0s			
BGS	II	05 08 17 06.4-2.6	66.55N	143.04W	33-0	5.1b,5.0s			
NAO	II	05 08 17 27.0	68.81N	136.94W	33	4.9b,5.0s			
ISC Event type se.									
SZGRF	Central Alaska, United States.								
PGC	Event type fe. Error ellipse: s-maj=4.4km s-min=0.9km az=-1.0. 297km northwest of Dawson, Yt Eastern Alaska.								
IDC	Error ellipse: s-maj=9.2km s-min=6.8km az=140.0.								
ISCJB	Event type fe. Error ellipse: s-maj=2.3km s-min=1.9km az=166.1.								
NEIC	Event type fe. Felt (III) at Fairbanks. After AIC. Moment Tensor Solution. s6 Moment tensor. Scale 10 ¹⁷ Nm; M _r 0.36 M ₀ 2.55 M ₀ 2.19 M ₀ 0.69 M ₀ 0.36 M ₀ 0.03 Best double couple: NP1:φ ₁ 49.00000°,λ-9.00000°; NP2:φ ₂ 140.00000°,λ-81.00000°; λ-171.00000°. Principal axes: T 2.2200,Plg1.0000°,AzM94.0000°; N 0.5200,Plg77.0000°,AzM187.0000°; P -2.7400,Plg13.0000°,AzM4.0000° M ₀ 2.50000x10 ¹⁷								
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s78,c147; Mantle waves: s96,c201; Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; M _r 0.17±0.2 M ₀ 1.32±0.2; M ₀ 1.50±0.2; M ₀ 0.03±0.4; M ₀ 0.40±0.2; M ₀ 0.52±0.5; Best double couple: NP1:φ ₁ 54.00000°,λ78.00000°; NP2:φ ₂ 322.00000°,λ-81.00000°; λ167.00000°. Principal axes: T 1.6990,Plg15.0000°,AzM278.0000°; N -0.3150,Plg74.0000°,AzM106.0000°; P -1.3780,Plg2.0000°,AzM8.0000° M ₀ 1.53800x10 ¹⁷								
MOS	Error ellipse: s-maj=12.1km s-min=3.7km az=90-3.								
BGS	Error ellipse: s-maj=496.3km s-min=999.9km az=31-1.0.								
(192) New Britain region									
ISC	II	06 03 04 00-03	6.16S-04	150.10E-06	35	5.2s,5.0b	144	4-152	
NAO	II	06 03 04 04.0	6.00S	150.00E	33	4.2b,5.0b			18079911
IDC	II	06 03 04 00-02.0	5.95S	150.06E	12-11	5.2s,5.1s			
BJI	II	06 03 04 01.0	6.27S	150.46E	44	5.4s,5.4b			
ISCJB	II	06 03 04 02.0-34	6.12S-04	150.02E-06	33	5.2s,5.0b			
NEIC	II	06 03 04 03.8-19	6.05S	150.01E	35	5.7s,5.6W			
HRVD	II	06 03 04 03.8-10	6.39S	149.96E	44	5.6W,5.6W			
MOS	II	06 03 04 03.4-86	5.95S	149.65E	33	5.5s,5.2b			
ISC Event type se.									
IDC	Error ellipse: s-maj=21.0km s-min=13.5km az=88.0.								
ISCJB	Event type se. Error ellipse: s-maj=8.4km s-min=4.7km az=31.3.								
NEIC	Event type se. Error ellipse: s-maj=9.1km s-min=6.1km az=94.0. Moment Tensor Solution. s17 Moment tensor. Scale 10 ¹⁷ Nm; M _r 2.89 M ₀ 2.37 M ₀ 0.52 M ₀ 0.98 M ₀ 1.68 M ₀ 0.21 Best double couple: NP1:φ ₁ 114.00000°,λ84.00000°; NP2:φ ₂ 308.00000°,λ-837.00000°; λ101.00000°. Principal axes: T 3.0700,Plg79.0000°,AzM351.0000°; N 0.4400,Plg7.0000°,AzM119.0000°; P -3.5100,Plg9.0000°,AzM210.0000° M ₀ 3.30000x10 ¹⁷								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s100,c191; Mantle waves: s99,c201; Half duration: 1s6 Moment tensor: Scale 10 ¹⁷ Nm; M _r 3.04±0.05 M ₀ 2.34±0.4; M ₀ 0.42±0.4; M ₀ 0.92±0.4; M ₀ 0.07±0.4; M ₀ 0.07±0.5; Best double couple: NP1:φ ₁ 273.00000°,λ837.00000°; NP2:φ ₂ 89.00000°,λ-853.00000°; λ88.00000°. Principal axes: T 3.1700,Plg82.0000°,AzM348.0000°; N 0.4260,Plg2.0000°,AzM91.0000°; P -3.5990,Plg8.0000°,AzM181.0000° M ₀ 3.38400x10 ¹⁷								
MOS	Error ellipse: s-maj=12.1km s-min=7.5km az=92.9.								
(362) Western Caucasus									
ISC	II	06 04 08 04-09	42.65N-01	43.50E-01	24	5.0b,5.0s	904	0-145	
IDC	II	06 04 07 59.8-32	42.56N	43.59E	0	4.8s,4.8			18079912
CSEM	II	06 04 07 59.4	42.60N	43.57E	10	5.0b,4.8			
BJI	II	06 04 07 59.7	42.73N	42.68E	35	5.5s,5.4b			
MOS	II	06 04 08 00.7-1.1	42.65N	43.46E	11	5.3b,4.9s			
TIF	II	06 04 08 01.3	42.55N	43.45E	10-1	5.3b,4.9s			
NAO	II	06 04 08 01.3	43.19N	45.49E	33	5.1b,4.9s			
ISCJB	II	06 04 08 02.2-09	42.62N-01	43.45E-01	22	5.0b,5.0s			
HRVD	II	06 04 08 03.1-20	42.65N	43.45E	14	5.3W,5.0s			
NEIC	II	06 04 08 03.1-1.3	42.65N	43.53E	17-8	5.2b,4.6s			
SZGRF	II	06 04 08 06.7	42.62N	43.21E	33	4.9b,4.4s			
ISC Event type fe.									
IDC	Error ellipse: s-maj=8.2km s-min=5.7km az=65.0.								
MOS	Event type fe. Error ellipse: s-maj=3.5km s-min=2.3km az=132.2. Felt (III-IV) at Stepanavan, Nal'chik, (III) at Gyumri, Noyemberyan. Moment Tensor Solution.								
ISCJB	Event type fe. Error ellipse: s-maj=1.8km s-min=1.3km az=14.3.								
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s73,c115; Mantle waves: s94,c191; Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; M _r 0.84±0.2 M ₀ 0.54±0.1; M ₀ 0.30±0.1; M ₀ 0.60±0.3; M ₀ 0.46±0.1; M ₀ 0.09±0.4; Best double couple: NP1:φ ₁ 324.00000°,λ831.00000°; NP2:φ ₂ 112.00000°,λ-863.00000°; λ74.00000°. Principal axes: T 1.0750,Plg68.0000°,AzM351.0000°; N -0.0230,Plg14.0000°,AzM119.0000°; P -1.0530,Plg16.0000°,AzM214.0000° M ₀ 1.06400x10 ¹⁷								
NEIC	Event type fe. Error ellipse: s-maj=3.4km s-min=2.7km az=203.0. Felt at Borjomi, Gori, K'utaisi, Tbilisi and Ts'khinvali. Felt (IV) at Step'anavan and (III) at Gyumri and Noyemberyan, Armenia. Also felt (IV) at Nal'chik, Russia.								
SZGRF	Western Caucasus.								
(218) Near east coast of Kamchatka Peninsula									
ISC	II	06 05 51 33.2-12	56.22N-02	164.18E-03	27	5.3s,5.0b	516	1-151	
IDC	II	06 05 51 29.9-38	56.27N	164.39E	0	5.1s,5.1s			18079914
SZGRF	II	06 05 51 28.2	55.14N	165.47E	33	5.0b,5.1s			
MOS	II	06 05 51 29.1-1.0	56.18N	164.21E	12	5.3s,5.2b			
KRSC	II	06 05 51 30.0-1.5	56.23N	164.35E	20-3	5.2L,5.2b			
NAO	II	06 05 51 31.6	55.87N	163.66E	33	4.9b,5.2b			
ISCJB	II	06 05 51 31.2-12	56.16N-02	164.23E-03	25	5.3s,5.0b			
NEIC	II	06 05 51 33.1-17	56.19N	164.20E	25	5.7W,5.3s			
BJI	II	06 05 51 33.0	56.19N	163.39E	11	5.9s,5.5s			
HRVD	II	06 05 51 33.1-10	56.23N	164.54E	22-0	5.8W,5.5s			
ISC Event type fe.									
IDC	Error ellipse: s-maj=11.0km s-min=8.4km az=18.0.								
SZGRF	Komandorsky Islands, Russia, region.								
MOS	Event type fe. Error ellipse: s-maj=6.7km s-min=4.2km az=93.7. Felt (III) at Ust'-Kamchatsk. Moment Tensor Solution.								
KRSC	Event type se.								
ISCJB	Event type fe. Error ellipse: s-maj=3.2km s-min=1.8km az=137.7.								
NEIC	Event type fe. Error ellipse: s-maj=5.1km s-min=2.9km az=180.0. Felt (III) at Ust'-Kamchatsk. Moment Tensor Solution. s8 Moment tensor. Scale 10 ¹⁷ Nm; M _r 1.09 M ₀ 3.52 M ₀ 2.43 M ₀ 1-1.74 M ₀ 2-1.13 M ₀ 0-0.45 Best double couple: NP1:φ ₁ 118.00000°,λ-81.00000°; λ-165.00000°. NP2:φ ₂ 26.00000°,λ75.00000°; λ-10.00000°. Principal axes: T 3.1200,Plg4.0000°,AzM251.0000°; N 1.6400,Plg73.0000°,AzM149.0000°; P -4.7600,Plg17.0000°,AzM342.0000° M ₀ 3.90000x10 ¹⁷								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s95,c205; Mantle waves: s108,c240; Half duration: 1s8 Moment tensor: Scale 10 ¹⁷ Nm; M _r 0.21±0.06 M ₀ 3.55±0.6; M ₀ 3.76±0.6; M ₀ 0.09±1.1; M ₀ 3.61±0.6; M ₀ 0.68±0.1; Best double couple: NP1:φ ₁ 292.00000°,λ884.00000°; NP2:φ ₂ 23.00000°,λ-887.00000°; λ6.00000°. Principal axes: T 5.3210,Plg7.0000°,AzM248.0000°; N -0.2860,Plg83.0000°,AzM51.0000°; P -5.0380,Plg2.0000°,AzM158.0000° M ₀ 5.18000x10 ¹⁷								
(181) Fiji Islands region									
ISC	II	06 11 34 59.9-31	14.76S-08	177.44W-06	35	5.0b,4.7s	110	6-178	
IDC	II	06 11 34 53.9-56	14.68S	177.45W	0	4.7,4.7			18079919
BJI	II	06 11 34 55.5	14.19S	177.23W	6	5.5b,5.3s			
NEIC	II	06 11 34 56.0-28	14.72S	177.41W	10	5.3b,5.1s			
HRVD	II	06 11 34 56.0-20	14.67S	177.15W	12	5.3W,5.1s			
ISCJB	II	06 11 34 57.9-31	14.78S-08	177.47W-06	33	5.0b,4.7s			
MOS	II	06 11 34 59.2-1.3	14.45S	177.60W	33	5.3b,4.8s			

SZGRF	II	06 11 35 02.5	14.36S	177.76E	33	5.3b,4.8s			
ISC Event type se.									
IDC	Error ellipse: s-maj=26.5km s-min=15.3km az=139.0.								
NEIC	Error ellipse: s-maj=16.2km s-min=8.6km az=150.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s76,c137; Mantle waves: s101,c188; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; M _r 1.05±0.2 M ₀ 0.49±0.2; M ₀ 0.56±0.2; M ₀ 0.12±0.5; M ₀ 0.52±0.1; M ₀ 0-0.01±0.5; Best double couple: NP1:φ ₁ 321.00000°,λ843.00000°; NP2:φ ₂ 133.00000°,λ-848.00000°; λ84.00000°. Principal axes: T 1.0600,Plg85.0000°,AzM347.0000°; N -0.0120,Plg4.0000°,AzM136.0000°; P -1.0510,Plg3.0000°,AzM227.0000° M ₀ 1.05500x10 ¹⁷								
ISCJB	Event type se. Error ellipse: s-maj=12.8km s-min=7.1km az=128.6.								
MOS	Error ellipse: s-maj=14.6km s-min=11.0km az=64.9.								
SZGRF	Fiji Islands region.								
(706) Northern Sumatra									
ISC	II	06 23 55 11.4-20	1.60N-03	97.17E-03	29	5.4b,5.1s	412	2-159	
NAO	II	06 23 55 01.5	1.33S	96.06E	33	5.3b,5.1s			18079928
BJI	II	06 23 55 08.5	1.55N	97.19E	28	5.5b,5.5b			
ISCJB	II	06 23 55 09.2-20	1.61N-03	97.19E-03	27	5.4b,5.1s			
NEIC	II	06 23 55 10.9-16	1.61N	97.10E	27	5.4b,5.2W			
MOS	II	06 23 55 10.4-82	1.73N	97.20E	33	5.7b,4.7s			
HRVD	II	06 23 55 10.9-30	1.42N	96.87E	25	5.2W,4.7s			
IDC	II	06 23 55 11.5-2.9	1.57N	97.11E	33-20	5.2,5.0b			
SZGRF	II	06 23 55 19.9	2.50N	95.50E	26	5.2b,4.8s			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=4.8km s-min=3.8km az=26.7.								
NEIC	Event type se. Error ellipse: s-maj=5.8km s-min=4.2km az=25.0. Moment Tensor Solution. s12 Moment tensor. Scale 10 ¹⁶ Nm; M _r 6.25 M ₀ 3.28 M ₀ 2.97 M ₀ 5.47 M ₀ 2.83 M ₀ 2.59 Best double couple: NP1:φ ₁ 121.00000°,λ868.00000°; NP2:φ ₂ 323.00000°,λ-824.00000°; λ110.00000°. Principal axes: T 8.8600,Plg66.0000°,AzM162.0000°; N -0.5600,Plg8.0000°,AzM125.0000°; P -8.3000,Plg22.0000°,AzM218.0000° M ₀ 8.60000x10 ¹⁶								
MOS	Error ellipse: s-maj=8.2km s-min=4.6km az=120.2.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s62,c108; Mantle waves: s65,c105; Half duration: 1s0 Moment tensor: Scale 10 ¹⁶ Nm; M _r 3.90±0.19 M ₀ 1.64±0.4; M ₀ 2.26±1.7; M ₀ 1.90±0.5; M ₀ 1.68±0.3; M ₀ 3.45±1.2; M ₀ 3.99±0.37; Best double couple: NP1:φ ₁ 336.00000°,λ19.00000°; NP2:φ ₂ 126.00000°,λ-874.00000°; λ81.00000°. Principal axes: T 7.7500,Plg60.0000°,AzM23.0000°; N 1.2770,Plg9.0000°,AzM128.0000°; P -9.0270,Plg28.0000°,AzM223.0000° M ₀ 8.38800x10 ¹⁶								
IDC	Error ellipse: s-maj=17.1km s-min=11.2km az=41.0.								
SZGRF	Off west coast of northern Sumatra, Indonesia.								
(186) Vanuatu Islands									
ISC	II	07 10 14 27.6-19	18.27S-04	168.08E-04	57	5.2b,5.1s	175	1-166	

(248) Philippine Islands region									
ISC	II	08 04 22 25.0-50	14.90N-05	119.12E-06	35	3.9b	31	1-92	
MAN	II	08 04 22 19.0-50	14.94N	118.95E	1	7.4s,4.1L			18319189
ISCJB	II	08 04 22 22.9-50	14.88N-05	119.01E-06	33	3.9b,4.1L			
MOS	II	08 04 22 22.6-39	14.72N	118.81E	33	4.4b,4.1L			
IDC	II	08 04 22 26.8-4.7	14.83N	119.14E	53-46	3.9,3.8			
NEIC	II	08 04 22 26.6-2.4	14.81N	119.11E	53-24	4.2b,3.8			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=8.8km s-min=6.9km az=124.9.								
MOS	Error ellipse: s-maj=36.2km s-min=15.0km az=126.1.								
IDC	Error ellipse: s-maj=62.1km s-min=16.6km az=65.0.								
NEIC	Event type se. Error ellipse: s-maj=36.7km s-min=9.2km az=64.0.								
(701) West of Macquarie Island									
ISC	II	08 05 04 53.3-31	54.56S-04	143.8E-10	10	5.6s,5.1b	69	12-157	
ISCJB	II	08 05 04 51.8-32	54.56S-04	143.8E-10	10	5.6s,5.1b			18083737
IDC	II	08 05 04 51.3-50	54.56S	143.58E	0	5.7s,5.6b			
NAO	II	08 05 04 52.3	55.00S	144.00E	33	4.9b,5.6			
NEIC	II	08 05 04 53.6-23	54.50S	143.81E	10	5.8W,5.6S			
HRVD	II	08 05 04 53.6-10	54.60S	143.95E	12	5.9W,5.6S			
BJI	II	08 05 04 53.5	54.50S	143.80E	10	5.7s,5.7b			
CRAAG	II	08 05 04 56.1	54.50S	143.86E	5	4b,5.5b			
MOS	II	08 05 04 57.8-1.6	54.14S	143.79E	33	5.6s,5.3b			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=10.1km s-min=5.9km az=6.9.								
IDC	Error ellipse: s-maj=20.1km s-min=15.7km az=94.0.								
NEIC	Event type se. Error ellipse: s-maj=11.0km s-min=7.9km az=98.0. Moment Tensor Solution. s5 Moment tensor: Scale 1017Nm; M=0.24 M=0.40 M=0.65 M=0.06 M=0.95 M=1.19								
Best double couple: NP1:0.357,0.0000°; 890.00000°; λ-11.00000°; NP2:0.88,0.00000°; 879.00000°; λ-180.00000°; Principal axes: T 5.9500,Plg8.0000°; Azm43.0000°; N 0.2700,Plg79.0000°; Azm176.0000°; P -6.2300,Plg8.0000°; Azm312.0000°; M=6.10000x10 ¹⁷									
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s94,c202; Mantle waves: s106,c331; Half duration: 0.291 Moment tensor: Scale 1017Nm; M=0.25±0.06 M=0.178±0.07; M=0.152±0.08; M=0.06±0.17; M=0.72±0.06; M=0.19±0.17; Best double couple: NP1:0.84,0.0000°; 888.00000°; λ180.00000°; NP2:0.174,0.00000°; 890.00000°; λ2.00000°; Principal axes: T 7.6080,Plg1.0000°; Azm39.0000°; N -0.2530,Plg88.0000°; Azm182.0000°; P -7.3460,Plg1.0000°; Azm309.0000°; M=7.47700x10 ¹⁷								
MOS	Error ellipse: s-maj=34.4km s-min=11.1km az=91.4.								
(701) West of Macquarie Island									
ISC	II	08 06 39 39.2-71	53.93S-09	140.7E-30	10	4.5b,4.3s	15	17-149	
ISCJB	II	08 06 39 37.7-71	53.88S-09	140.6E-30	10	4.5b,4.3s			18188859
IDC	II	08 06 39 38.5-83	53.84S	141.14E	0	4.6s,4.6			
NEIC	II	08 06 39 39.6-43	53.87S	140.79E	10	4.9b,4.6			
HRVD	II	08 06 39 39.6-40	53.98S	140.68E	12	5.1W,4.6			
MOS	II	08 06 39 42.9-1.7	53.68S	141.72E	33	5.5b,4.6			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=26.5km s-min=12.2km az=152.4.								
IDC	Error ellipse: s-maj=58.5km s-min=21.4km az=79.0.								
NEIC	Event type se. Error ellipse: s-maj=22.4km s-min=12.7km az=80.0.								
HRVD	Error ellipse: s-maj=4.4km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s25,c28; Mantle waves: s84,c122; Half duration: 0. Moment tensor: Scale 1016 Nm; M=0.15±0.23 M=0.04±0.23; M=0.11±0.26; M=0.41±0.66; M=0.51±0.15; M=0.80±0.60; Best double couple: NP1:0.90,0.0000°; 882.00000°; λ-176.00000°; NP2:0.360,0.00000°; 886.00000°; λ-8.00000°; Principal axes: T 5.1110,Plg3.0000°; Azm45.0000°; N 0.2670,Plg81.0000°; Azm154.0000°; P -5.3770,Plg9.0000°; Azm315.0000°; M=5.24400x10 ¹⁶								
MOS	Error ellipse: s-maj=95.6km s-min=18.1km az=98.8.								
(204) Aru Islands region									
ISC	II	09 05 44 28.0-1.9	4.99S-05	133.14E-04	18-12	5.0b,4.7s	152	1-156	
BJI	II	09 05 44 22.6	5.15S	133.97E	20	5.3b,5.1s			18079989
CSEM	II	09 05 44 23.0	5.19S	133.05E	2	5.6b,5.1s			
ISCJB	II	09 05 44 23.4-1.7	5.03S-05	133.11E-05	9-10	5.0b,4.7s			
IDC	II	09 05 44 26.2-52	4.73S	133.08E	0	4.8L,4.8s			
MOS	II	09 05 44 29.0-1.2	4.85S	133.00E	33	5.3b,4.7s			
NEIC	II	09 05 44 30.4-2.6	4.81S	133.06E	30	5.2b,4.7s			
HRVD	II	09 05 44 30.4-2.0	4.85S	132.86E	12	5.2W,4.7s			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=9.1km s-min=6.2km az=91.4.								
IDC	Error ellipse: s-maj=23.1km s-min=14.4km az=60.0.								
MOS	Error ellipse: s-maj=13.0km s-min=7.0km az=113.4.								
NEIC	Event type se. Error ellipse: s-maj=9.2km s-min=6.3km az=49.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s51,c78; Mantle waves: s95,c161; Half duration: 1s0 Moment tensor: Scale 1016Nm; M=0.94±0.20 M=0.52±0.16; M=0.43±0.24; M=0.48±0.47; M=0.62±0.16; M=1.57±0.55; Best double couple: NP1:0.71,0.0000°; 878.00000°; λ2.00000°; NP2:0.341,0.00000°; 888.00000°; λ168.00000°; Principal axes: T 7.6270,Plg10.0000°; Azm296.0000°; N 0.8600,Plg78.0000°; Azm150.0000°; P -8.4860,Plg7.0000°; Azm27.0000°; M=8.05700x10 ¹⁶								
(54) Off coast of Jalisco									
ISC	II	09 06 54 30.9-2.1	17.8N-10	105.90W-09	56-14	4.2b	40	4-124	
IDC	II	09 06 54 17.3-5.9	17.15N	105.40W	0	4.3,4.0b			18079990
ISCJB	II	09 06 54 27.8-2.3	17.7N-10	105.93W-09	44-17	4.2b,4.0b			
BJI	II	09 06 54 27.7	17.70N	106.00W	47	5.6b,5.2b			
NEIC	II	09 06 54 29.7-89	17.72N	105.98W	48	4.1b,5.2b			
ISC Event type se.									
IDC	Error ellipse: s-maj=122.4km s-min=72.5km az=124.0.								
ISCJB	Event type se. Error ellipse: s-maj=22.9km s-min=10.5km az=54.4.								
NEIC	Event type se. Error ellipse: s-maj=13.9km s-min=9.0km az=203.0.								
(691) Pacific-Antarctic Ridge									
ISC	II	09 11 29 10.9-65	56.93S-09	141.8W-20	10	4.8s,4.8b	30	33-178	
IDC	II	09 11 29 08.4-83	57.76S	142.36W	0	4.6s,4.6			18079991
ISCJB	II	09 11 29 10.0-57	56.94S-09	141.5W-20	10	4.8s,4.8b			
MOS	II	09 11 29 11.3-96	57.35S	141.43W	9	5.1b,4.8b			
BJI	II	09 11 29 13.3	57.20S	141.30W	10	5.7b,5.5s			
NEIC	II	09 11 29 13.3-67	57.21S	141.27W	10	5.1b,5.5s			
HRVD	II	09 11 29 13.3-20	56.89S	141.71W	12	5.5W,5.5s			
ISC Event type se.									
IDC	Error ellipse: s-maj=82.4km s-min=21.4km az=6.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.2km s-min=12.7km az=56.8.								
MOS	Error ellipse: s-maj=43.0km s-min=28.6km az=105.1.								
NEIC	Event type se. Error ellipse: s-maj=23.3km s-min=13.3km az=176.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s80,c134; Mantle waves: s99,c181; Half duration: 1s4 Moment tensor: Scale 1017Nm; M=0.18±0.04 M=0.1173±0.04; M=0.155±0.03; M=0.28±0.11; M=0.138±0.03; M=0.11±0.09; Best double couple: NP1:0.25,0.0000°; 882.00000°; λ-179.00000°; NP2:0.295,0.00000°; 889.00000°; λ-8.00000°; Principal axes: T 2.2540,Plg5.0000°; Azm340.0000°; N -0.1810,Plg82.0000°; Azm111.0000°; P -2.0750,Plg6.0000°; Azm250.0000°; M=2.16400x10 ¹⁷								
(526) Gulf of Mexico									
ISC	II	10 04 14 21.7-94	27.80N-06	90.13W-05	10	5.2s,4.0b	61	5-163	
IDC	II	10 04 14 16.4-8.7	26.84N	90.35W	0	3.5,3.4			18080010
BJI	II	10 04 14 16.4	27.32N	90.96W	14	5.7s,5.7b			
ISCJB	II	10 04 14 20.0-92	27.88N-06	90.12W-05	10	5.2s,4.0b			
NEIC	II	10 04 14 22.2	27.83N	90.21W	5	5.3s,4.2b			
SZGRF	II	10 04 14 33.1	27.85N	90.51W	33	5.4s,4.9b			
ISC Event type fe.									
IDC	Error ellipse: s-maj=146.0km s-min=58.2km az=157.0.								
ISCJB	Event type fe. Error ellipse: s-maj=9.1km s-min=5.4km az=130.6.								
NEIC	Event type fe. Felt [III] at Diamondhead, Mississippi and New Orleans, Louisiana. Also felt at Gulf Shores, Alabama; Belleair Beach, Miami, Navarre, Orlando, Osprey and Port Charlotte, Florida; Lafayette, Lake Charles and Thibodaux, Louisiana; Biloxi, Mississippi; Spring, Texas. Felt slightly on a deepwater oil platform about 15 km southwest of the epicenter. About 2 cm of seafloor subsidence was detected from this platform. Special solution.								
SZGRF	Gulf of Mexico.								
(738) Reykjanes Ridge									
ISC	II	13 18 17 12.4-26	59.44N-04	30.23W-07	10	4.5b,3.8s	198	7-143	
CSEM	II	13 18 17 09.9-06	59.45N	30.26W	8	4.6b,4.1s			18095944

ISCJB	II	13 18 17 10.9-26	59.48N-04	30.27W-07	10	4.5b,3.8s			
BJI	II	13 18 17 10.3	59.02N	31.05W	37	5.5s,5.4b			
MOS	II	13 18 17 11.5-82	59.57N	30.22W	10	5.0b,5.4b			
IDC	II	13 18 17 11.1-50	59.40N	30.31W	0	4.2,4.2			
NEIC	II	13 18 17 13.1-27	59.50N	30.31W	10	4.6b,4.2			
SZGRF	II	13 18 17 23.1	59.65N	28.88W	33	4.9b,4.2			
ISC Event type ke.									
CSEM	Event type ke. Error ellipse: s-maj=3.9km s-min=1.8km az=27.0.								
ISCJB	Event type ke. Error ellipse: s-maj=5.9km s-min=4.2km az=68.3.								
MOS	Error ellipse: s-maj=10.3km s-min=9.0km az=64.8.								
IDC	Error ellipse: s-maj=14.5km s-min=10.5km az=173.0.								
NEIC	Event type se. Error ellipse: s-maj=7.4km s-min=4.8km az=204.0.								
SZGRF	Reykjanes Ridge.								
(742) Western Indian-Antarctic Ridge									
ISC	II	14 00 21 41.5-33	49.37S-05	121.4E-10	10	4.9b,4.7s	58	17-151	
BJI	II	14 00 21 39.5	49.30S	121.50E	10	5.6s,5.4b			18095948
IDC	II	14 00 21 39.6-65	49.39S	121.64E	0	4.6,4.5			
ISCJB	II	14 00 21 40.0-33	49.36S-05	121.5E-10	10	4.9b,4.7s			
MOS	II	14 00 21 40.1-1.2	49.36S	121.51E	10	5.1b,4.7s			
NEIC	II	14 00 21 41.5-32	49.34S	121.48E	10	5.0b,4.7s			
HRVD	II	14 00 21 41.5-50	49.25S	121.42E	12	5.2W,4.7s			
ISC Event type se.									
IDC	Error ellipse: s-maj=25.4km s-min=17.0km az=116.0.								
ISCJB	Event type se. Error ellipse: s-maj=11.9km s-min=6.9km az=21.9.								
MOS	Error ellipse: s-maj=30.3km s-min=12.2km az=82.9.								
NEIC	Event type se. Error ellipse: s-maj=13.7km s-min=8.9km az=102.0.								
HRVD	Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s25,c33; Mantle waves: s40,c64; Half duration: 1s0 Moment tensor: Scale 1016Nm; M=0.18±0.29 M=0.279±0.26; M=0.297±0.32; M=0.274±0.73; M=0.536±0.22; M=0.19±0.75; Best double couple: NP1:0.18,0.0000°; 868.00000°; λ19.00000°; NP2:0.281,0.00000°; 872.00000°; λ157.00000°; Principal axes: T 8.9230,Plg29.0000°; Azm239.0000°; N -2.9220,Plg61.0000°; Azm66.0000°; P -6.0060,Plg3.0000°; Azm330.0000°; M=7.46400x10 ¹⁶								
(641) North of Svalbard									
ISC	II	14 00 39 48.9-1.0	84.25N-02	0.4E-20	9-6	5.1b,4.9s	462	6-117	
ISCJB	II	14 00 39 47.4-9.0	84.27N-02	0.3E-20	8-5	5.1b,4.9s			189570780
MOS	II	14 00 39 47.6-1.0	84.25N	0.31W	10	5.3b,4.9s			
IDC	II	14 00 39 47.5-39	84.23N	0.39W	0	5.2s,5.1			
BJI	II	14 00 39 49.5	84.30N	0.40E	10	5.5b,5.2s			
NEIC	II	14 00 39 49.6-14	84.25N	0.41E	10	5.3b,4.7s			
HRVD	II	14 00 39 49.6-20	84.25N	0.72E	12	5.4W,4.7s			

JMA	M0.3,03100x1018	Error ellipse: s-maj=3.3km s-min=4.1km az=1.0.							
(262) Celebes Sea									
ISC	II	15 18 43 36.5-37	4.32N-03	124.99E-08	57	4.3b,3.3s	40	3-72	
MAN	II	15 18 43 33.5	4.32N	124.81E	41	8.1s,1.5L		18438652	
ISCJB	II	15 18 43 34.5-38	4.32N-03	124.96E-08	55	4.3b,3.3s			
IDC	II	15 18 43 36.2-86	4.38N	124.99E	53-7	4.0,3.9			
NEIC	II	15 18 43 36.7-43	4.28N	124.95E	56	4.5b,3.9			
BJI	II	15 18 43 36.0	4.30N	125.00E	55	4.3b,3.9			
MOS	II	15 18 43 51.9-3.1	5.88N	122.72E	33	4.7b,3.9			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=11.6km s-min=4.4km az=177.0.								
IDC	Error ellipse: s-maj=39.1km s-min=11.0km az=57.0.								
NEIC	Event type se. Error ellipse: s-maj=20.4km s-min=7.7km az=59.0.								
MOS	Error ellipse: s-maj=26.4km s-min=14.7km az=112.4.								
(173) Tonga Islands									
ISC	II	16 14 54 40.3-3.0	16.09S-05	173.00W-05	17-18	5.4s,5.2b	218	2-174	
IDC	II	16 14 54 36.7-45	16.08S	173.05W	0	5.4s,5.4		18085452	
SZGRF	II	16 14 54 38.9	17.15S	171.26W	33	5.6b,5.4			
BJI	II	16 14 54 38.9	16.00S	173.00W	10	6.0b,5.7s			
ISCJB	II	16 14 54 38.9-20	16.09S-05	173.03W-05	20	5.4s,5.2b			
NEIC	II	16 14 54 39.0-21	15.98S	173.02W	10	5.8W,5.8s			
HRVD	II	16 14 54 39.0-10	16.00S	172.46W	15	5.8W,5.8s			
MOS	II	16 14 54 41.5-1.1	15.98S	173.08W	33	5.5b,5.4s			
ISC Event type se.									
IDC	Error ellipse: s-maj=19.6km s-min=11.8km az=127.0.								
SZGRF	Tonga Islands region.								
ISCJB	Event type se. Error ellipse: s-maj=8.7km s-min=4.7km az=104.4.								
NEIC	Event type se. Error ellipse: s-maj=11.0km s-min=5.1km az=150.0. Moment Tensor Solution. M0.140000x1018 Moment Tensor Solution. s14 Moment tensor: Scale 1017Nm; M0.6,11 M0.5-1.4 M0.9-0.98 M0.16 M0.2-2.2 M0.0-0.02 Best double couple: NP1:φ=247.00000°; φ=846.00000°; λ=91.00000°; NP2:φ=66.00000°; φ=344.00000°; λ=89.00000°; Principal axes: T 6.1100,Plg89.0000°; Azm185.0000°; N -0.0100,Plg0.0000°; Azm67.0000°; P -6.1100,Plg1.0000°; Azm337.0000°; M0.6,10000x1017								
HRVD	Error ellipse: s-maj=0.0km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s96,c190; Mantle waves: s98,c286;Half duration: 2θ0 Moment tensor: Scale 1017Nm; M0.4,67.4; 0.4 M0.0,13.4; M0.4,-8.0; 0.4; M0.1,42.14; M0.0,83.0; M0.4,61.13; Best double couple: NP1:φ=183.00000°; φ=823.00000°; λ=79.00000°; NP2:φ=15.00000°; φ=868.00000°; λ=95.00000°; Principal axes: T 6.7000,Plg67.0000°; Azm293.0000°; N 0.2200,Plg4.0000°; Azm193.0000°; P -6.9160,Plg23.0000°; Azm101.0000°; M0.6,80800x1017								
MOS	Error ellipse: s-maj=12.3km s-min=8.5km az=58.6.								
(221) Kuril Islands									
ISC	II	16 22 11 05.8-22	44.25N-03	148.98E-03	43	4.8b,4.6s	339	1-151	
SKHL	II	16 22 10 59.6-2-9	44.09N	149.51E	39-3	5.5b,5.3		18096035	
IDC	II	16 22 10 59.2-56	44.26N	148.95E	0	4.5s,4.5			
NIED	II	16 22 11 00	44.40N	149.20E	23	5.0W,4.5			
JMA	II	16 22 11 02.0-50	44.38N	149.18E	30	4.9,4.5			
ISCJB	II	16 22 11 03.8-23	44.17N-03	148.99E-03	41	4.8b,4.6s			
MOS	II	16 22 11 03.4-99	44.35N	149.02E	33	4.9b,4.5s			
BJI	II	16 22 11 03.3	44.23N	149.01E	40	5.1b,4.8s			
NEIC	II	16 22 11 05.3-25	44.27N	148.98E	38	4.8b,4.8s			
SZGRF	II	16 22 11 07.3	44.39N	149.81E	47	4.4b,4.8s			
NAO	II	16 22 11 07.7	44.91N	148.63E	33	4.6b,4.8s			
ISC Event type se.									
IDC	Error ellipse: s-maj=16.5km s-min=13.3km az=141.0.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=37.00000°; φ=860.00000°; λ=106.00000°; NP2:φ=188.00000°; φ=834.00000°; λ=65.00000°; M0.3,32000x1016								
JMA	Error ellipse: s-maj=4.4km s-min=4.0km az=1.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.3km s-min=2.6km az=123.1.								
MOS	Error ellipse: s-maj=9.0km s-min=5.4km az=109.4.								
NEIC	Event type se. Error ellipse: s-maj=7.2km s-min=4.3km az=153.0.								
SZGRF	Kuril Islands, Russia.								
(407) North of Ascension Island									
ISC	II	17 13 24 04.4-2.4	1.62S-05	15.10W-06	17-14	5.1s,4.9b	174	6-152	
IDC	II	17 13 24 00.4-52	1.31S	15.18W	0	5.0s,5.0		18096055	
BJI	II	17 13 24 01.0	2.22S	15.16W	10	5.5s,5.5b			
ISCJB	II	17 13 24 01.3-1.9	1.63S-05	15.11W-06	12-12	5.1s,4.9b			
SZGRF	II	17 13 24 01.7	2.06S	15.31W	33	5.0s,4.9b			
MOS	II	17 13 24 01.9-2.6	1.67S	15.12W	10	5.1b,4.9b			
NEIC	II	17 13 24 02.0-27	1.48S	15.10W	10	5.6W,5.1s			
HRVD	II	17 13 24 02.0-10	1.16S	15.13W	19-0	5.8W,5.1s			
NAO	II	17 13 24 02.9	2.00S	15.00W	10	4.6b,5.1s			
CSEM	II	17 13 24 07.6	1.89S	15.11W	40	5.7L,5.1s			
ISC Event type se.									
IDC	Error ellipse: s-maj=17.2km s-min=13.7km az=145.0.								
ISCJB	Event type se. Error ellipse: s-maj=11.0km s-min=7.2km az=70.0.								
SZGRF	North of Ascension Island.								
MOS	Error ellipse: s-maj=14.6km s-min=6.8km az=60.2.								
NEIC	Event type se. Error ellipse: s-maj=9.6km s-min=6.8km az=130.0. Moment Tensor Solution. s8 Moment tensor: Scale 1017Nm; M0.16 M0.6,253 M0.6,2.70 M0.0-0.23 M0.0-1.41 M0.1,09 Best double couple: NP1:φ=149.00000°; φ=886.00000°; λ=19.00000°; NP2:φ=240.00000°; φ=871.00000°; λ=176.00000°; Principal axes: T 2.9800,Plg10.0000°; Azm196.0000°; N 0.3600,Plg71.0000°; Azm318.0000°; P -3.3400,Plg16.0000°; Azm103.0000°; M0.3,20000x1017								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s86,c193; Mantle waves: s103,c219;Half duration: 199 Moment tensor: Scale 1017Nm; M0.0,24.0; 0.6 M0.0,22.4; 0.6; M0.0,2.0; 0.07; M0.0,0.33; 1.3; M0.0,-4.67; 0.6; M0.1,5.4; 1.6; Best double couple: NP1:φ=258.00000°; φ=873.00000°; λ=179.00000°; NP2:φ=168.00000°; φ=889.00000°; λ=17.00000°; Principal axes: T 5.4690,Plg11.0000°; Azm214.0000°; N -0.2080,Plg73.0000°; Azm344.0000°; P -5.2630,Plg13.0000°; Azm121.0000°; M0.5,36600x1017								
(259) Mindanao									
ISC	II	18 02 47 13.9-20	9.16N-02	126.93E-02	10	4.8b,4.2s	216	1-172	
ISCJB	II	18 02 47 12.0-21	9.16N-02	127.00E-02	10	4.8b,4.2s		18106410	
NAO	II	18 02 47 11.4	9.04N	129.04E	33	4.6b,4.2s			
IDC	II	18 02 47 12.2-39	9.11N	126.62E	0	4.7,4.7			
MAN	II	18 02 47 14.3	9.16N	126.96E	9	6.5s,5.2L			
MOS	II	18 02 47 15.3-1.0	9.12N	126.63E	33	5.2b,5.2L			
BJI	II	18 02 47 17.7	9.25N	126.75E	44	5.0b,5.0b			
NEIC	II	18 02 47 19.5-1.4	9.11N	126.69E	53-12	5.0b,5.0b			
HRVD	II	18 02 47 19.5-40	9.10N	127.01E	22-1	5.0W,5.0b			
ISC Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=3.6km s-min=3.1km az=59.2.								
IDC	Error ellipse: s-maj=16.9km s-min=10.8km az=75.0.								
MAN	Event type fe. F TANDAG SURIGAO DEL SUR - INTENSITY I.								
MOS	Error ellipse: s-maj=11.6km s-min=5.7km az=107.1.								
NEIC	Event type fe. Error ellipse: s-maj=8.1km s-min=4.7km az=70.0. Felt [I PIVS] at Tandag and [I PIVS] at Hinatuan.								
HRVD	Error ellipse: s-maj=2.2km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s42,c52; Mantle waves: s63,c98;Half duration: 0 Moment tensor: Scale 1016 Nm; M0.3,33; 2.0 M0.0,0.08; 1.2; M0.0,3.41; 1.5; M0.0,19; 1.7; M0.0,67; 0.9; M0.0,24; 0.23; Best double couple: NP1:φ=160.00000°; φ=829.00000°; λ=74.00000°; NP2:φ=358.00000°; φ=863.00000°; λ=98.00000°; Principal axes: T 4.1340,Plg71.0000°; Azm287.0000°; N 0.1180,Plg8.0000°; Azm174.0000°; P -4.2540,Plg17.0000°; Azm82.0000°; M0.4,19400x1016								
(186) Vanuatu Islands									
ISC	II	18 15 53 35.3-1.6	16.84S-03	167.24E-04	25-10	5.8s,5.3b	234	5-167	
IDC	II	18 15 53 30.9-40	16.85S	167.24E	0	5.8L,5.4s		18192759	
ISCJB	II	18 15 53 31.5-1.6	16.81S-03	167.19E-04	15-10	5.8s,5.3b			
BJI	II	18 15 53 34.8	16.31S	167.28E	22	6.0s,5.8s			
NEIC	II	18 15 53 34.6-1.7	16.80S	167.21E	22-12	5.4b,5.8s			
LDG	II	18 15 53 34.0-11	16.81S	166.45E	10-0	5.4b,5.8s			
HRVD	II	18 15 53 34.6-30	16.75S	167.11E	20	5.9W,5.8s			
MOS	II	18 15 53 35.6-1.3	16.68S	167.08E	33	5.9s,6.6b			
CSEM	II	18 15 53 37.8	17.25S	166.77E	33	5.6b,5.6b			
NAO	II	18 15 53 43.6	14.45S	167.15E	100	4.8b,5.6b			

ISC	Event type ke.								
IDC	Error ellipse: s-maj=13.9km s-min=12.4km az=73.0.								
ISCJB	Event type ke. Error ellipse: s-maj=6.2km s-min=4.5km az=127.0.								
NEIC	Event type se. Error ellipse: s-maj=5.2km s-min=4.3km az=60.0.								
LDG	Event type ke. Error ellipse: s-maj=16.8km s-min=4.3km az=83.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s71,c124; Mantle waves: s88,c144;Half duration: 2θ2 Moment tensor: Scale 1018Nm; M0.0,12; 0.3 M0.0,14; 0.3; M0.0,0.02; 0.3; M0.0,11; 0.6; M0.0,96; 0.2; M0.0,23; 0.6; Best double couple: NP1:φ=271.00000°; φ=876.00000°; λ=9.00000°; NP2:φ=4.00000°; φ=882.00000°; λ=166.00000°; Principal axes: T 1.0250,Plg4.0000°; Azm137.0000°; N -0.0510,Plg74.0000°; Azm34.0000°; P -0.9740,Plg16.0000°; Azm228.0000°; M0.0,99900x1018								
MOS	Error ellipse: s-maj=8.4km s-min=7.4km az=113.1.								
(192) New Britain region									
ISC	II	18 15 59 24.0-11	5.24S-02	152.11E-02	56	6.1s,5.8b	451	6-161	
CRAAG	II	18 15 59 19.5	5.14S	152.05E		6.1b,5.8b		18096085	
MOS	II	18 15 59 19.8-1.4	5.13S	152.05E	33	6.5b,6.1s			
NAO	II	18 15 59 19.1	5.49S	152.53E	33	5.0b,6.1s			
ISCJB	II	18 15 59 21.9-11	5.24S-02	152.06E-02	54	6.1s,5.8b			
BJI	II	18 15 59 22.0	5.20S	152.10E	44	6.1s,6.1b			
HRVD	II	18 15 59 22.1-10	5.27S	152.13E	46-0	6.2W,6.1b			
NEIC	II	18 15 59 22.1-88	5.19S	152.05E	44-7	6.2W,6.2s			
SZGRF	II	18 15 59 24.4	4.51S	153.82E	33	6.2b,6.2s			
IDC	II	18 15 59 24.9-1.4	5.23S	152.06E	71-11	5.9s,5.9			
ISC Event type se.									
MOS	Error ellipse: s-maj=7.1km s-min=5.2km az=82.4.								
ISCJB	Event type se. Error ellipse: s-maj=3.5km s-min=3.0km az=114.9.								
HRVD	Error ellipse: s-maj=0.0km s-min=0.0km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s102,c224; Mantle waves: s107,c392;Half duration: 3θ1 Moment tensor: Scale 1018Nm; M0.1,50; 0.2 M0.1,65; 0.1; M0.0,14; 0.1; M0.1,92; 0.2; M0.0,44; 0.1; M0.0,18; 0.2; Best double couple: NP1:φ=111.00000°; φ=813.00000°; λ=103.00000°; NP2:φ=277.00000°; φ=870.00000°; λ=85.00000°; Principal axes: T 2.4090,Plg65.0000°; Azm179.0000°; N 0.2250,Plg5.0000°; Azm279.0000°; P -2.6400,Plg25.0000°; Azm11.0000°; M0.2,52400x1018								
NEIC	Event type se. Error ellipse: s-maj=3.9km s-min=3.6km az=91.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s31 Moment tensor: Scale 1018Nm; M0.1,13 M0.0,1.06 M0.0,0.7 M0.1,84 M0.1,53 M0.0,37 Best double couple: NP1:φ=271.00000°; φ=874.00000°; λ=54.00000°; NP2:φ=161.00000°; φ=839.00000°; λ=154.00000°; Principal axes: T 2.6500,Plg48.0000°; Azm143.0000°; N 0.0100,Plg34.0000°; Azm283.0000°; P -2.6700,Plg21.0000°; Azm28.0000°; M0.2,70000x1018 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=100.00000°; φ=815.00000°; λ=90.00000°; NP2:φ=280.00000°; φ=875.00000°; λ=90.00000°; Principal axes: T Plg60.0								

Nm; M1r3.15±.17 M0±0.23±.10; M0±2.92±.14; M0±0.55±.24; M0±1.73±.08; M0±4.63±.38; Best double couple: NP1:φ131.00000°; δ24.00000°; λ44.00000°; NP2:φ359.00000°; δ73.00000°; λ108.00000°; Principal axes: T 5.9360,Plg58.0000°; Azm294.0000°; N -0.2210,Plg17.0000°; Azm174.0000°; P -5.7180,Plg26.0000°; Azm75.0000°; M0.82700×1016

Table with columns for station codes (ISC, PRE, SZGRF, IDC, CRAAG, MOS, IGIL, HRVD, NEIC, BJI, ISCJB, NAO, BGS) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

ISC Event type de. Error ellipse: s-maj=11.0km s-min=12.3km az=-1.0. Mozambique. IDC Error ellipse: s-maj=14.5km s-min=7.9km az=80.0. MOS Error ellipse: s-maj=11.9km s-min=3.7km az=94.2. HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=150s. Centroid Moment Tensor Solution. LP body waves: s104.c272; Mantle waves: s104.c477; Half duration: 79 Moment tensor: Scale 1019Nm; M1r-2.83±.02 M0±0.21±.02; M0±3.04±.02; M1r-0.19±.08; M0±1.38±.01; M0±2.64±.09; Best double couple: NP1:φ325.00000°; δ27.00000°; λ-114.00000°; NP2:φ172.00000°; δ65.00000°; λ-78.00000°; Principal axes: T 4.4480,Plg19.0000°; Azm253.0000°; N -0.5770,Plg11.0000°; Azm347.0000°; P -3.8730,Plg67.0000°; Azm104.0000°; M0.16000×1019

NEIC Event type de. Error ellipse: s-maj=7.6km s-min=5.1km az=77.0. One person killed at Espungabera, one killed at Machaze and 2 killed at Beira. Thirty-six people injured and at least 294 buildings damaged in the Espungabera-Beira-Chimoio area. Power outages occurred at Maputo. Felt [IV] at Beira, Inhambane and Maputo; [IV] at Harare and Mutare. Zimbabwe. Also felt [IV] at Louis Trichardt and Phalaborwa; [III] at Durban and Middelburg; [II] at Johannesburg and Pretoria, South Africa. Felt throughout Mozambique and eastern Zimbabwe. Felt in Swaziland and at Lobatse, Botswana and Lusaka, Zambia. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M0.38000×1019 Moment Tensor Solution. s24 Moment tensor: Scale 1019Nm; M1r-3.62 M0±0.63 M0±4.25 M0±0.75 M0±0.92 M0±2.11 Best double couple: NP1:φ186.00000°; δ0.00000°; λ-72.00000°; NP2:φ332.00000°; δ35.00000°; λ-119.00000°; Principal axes: T 4.8700,Plg13.0000°; Azm262.0000°; N -0.4800,Plg16.0000°; Azm356.0000°; P -4.3900,Plg69.0000°; Azm134.0000°; M0.60000×1019 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ345.00000°; δ10.00000°; λ-90.00000°; NP2: φ165.00000°; δ80.00000°; λ-90.00000°; Principal axes: T Plg35.0000°; Azm255.0000°; N Plg0.0000°; Azm0.0000°; P Plg55.0000°; Azm75.0000°

Table with columns for station codes (ISCJB, ISC, ISCJB, IDC, MOS, NEIC, ISC, ISCJB, IDC, MOS, HRVD) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

Table with columns for station codes (ISC, ISCJB, IDC, MOS, HRVD) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

Table with columns for station codes (ISC, ISCJB, IDC, MOS, HRVD) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

Table with columns for station codes (ISC, NAO, SZGRF, BJI, IDC, MOS, ISCJB, NEIC, BJI, SZGRF) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

Table with columns for station codes (ISC, IDC, ISCJB, MOS, HRVD) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

Table with columns for station codes (ISC, IDC, ISCJB, MOS, HRVD) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

Table with columns for station codes (ISC, IDC, ISCJB, MOS, HRVD) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

Table with columns for station codes (ISC, SKHL, ISCJB, BJI, NEIC, KRSC, HRVD, MOS, IDC, SZGRF, NAO) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

ISC Event type fe. Felt [II] at Severo-Kuril'sk. ISCJB Event type fe. Error ellipse: s-maj=4.3km s-min=2.8km az=55.2. NEIC Event type fe. Error ellipse: s-maj=6.0km s-min=3.5km az=158.0. Felt [II] at Severo-Kuril'sk. KRSC Event type se. HRVD Error ellipse: s-maj=5.6km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14.c16; Mantle waves: s56.c77; Half duration: 0 Moment tensor: Scale 1016 Nm; M1r-1.34±.15 M0±0.60±.09; M0±0.73±.09; M0±0.81±.18; M0±0.86±.05; M0±0.54±.15; Best double couple: NP1:φ197.00000°; δ49.00000°; λ-131.00000°; NP2:φ70.00000°; δ55.00000°; λ-53.00000°; Principal axes: T 1.5470,Plg4.0000°; Azm135.0000°; N 0.3470,Plg29.0000°; Azm227.0000°; P -1.8910,Plg60.0000°; Azm38.0000°; M0.171900×1016

MOS Event type fe. Error ellipse: s-maj=8.1km s-min=4.5km az=96.6. Felt [I-II] at Severo-Kuril'sk. Moment Tensor Solution.

IDC Error ellipse: s-maj=16.4km s-min=11.6km az=149.0.

SZGRF Off east coast of Kamchatka Peninsula, Russia.

Table with columns for station codes (ISC, NAO, ISCJB, CRAAG, LDG, BJI, NEIC, HRVD, BGS, IDC, MOS, CSEM, SZGRF) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

ISC Event type de. Error ellipse: s-maj=3.6km s-min=2.5km az=11.6. ISCJB Event type ke. Error ellipse: s-maj=9.5km s-min=5.5km az=145.0. LDG Event type de. Error ellipse: s-maj=4.8km s-min=3.2km az=202.0. At least 126 buildings damaged in Tashigang, Bhutan. Felt [IV] at Dewathang and Samdrup Jongkar; [IV] at Bomdila, Dhubri, Itanagar and Shillong. Felt at Guwahati and in parts of Nagaland. Also felt [IV] at Thimphu, Bhutan. Moment Tensor Solution. s7 Moment tensor: Scale 1017Nm; M1r-0.63 M0±5.69 M0±5.07 M0±0.55 M0±0.07 M0±1.00 Best double couple: NP1:φ225.00000°; δ87.00000°; λ-4.00000°; NP2:φ315.00000°; δ86.00000°; λ-177.00000°; Principal axes: T 5.0800,Plg1.0000°; Azm270.0000°; N 0.6600,Plg85.0000°; Azm14.0000°; P -5.7300,Plg5.0000°; Azm180.0000°; M0.54000×1017

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s75.c120; Mantle waves: s101.c208; Half duration: 193 Moment tensor: Scale 1017Nm; M1r-0.21±.03 M0±1.84±.03; M0±1.63±.03; M0±0.71±.07; M0±0.30±.03; M0±0.12±.07; Best double couple: NP1:φ321.00000°; δ73.00000°; λ-173.00000°; NP2:φ229.00000°; δ84.00000°; λ-18.00000°; Principal axes: T 1.6800,Plg8.0000°; Azm276.0000°; N -0.3970,Plg71.0000°; Azm30.0000°; P -2.0760,Plg17.0000°; Azm184.0000°; M0.187800×1017

BGS Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0. IDC Error ellipse: s-maj=11.2km s-min=8.9km az=57.0. MOS Error ellipse: s-maj=7.4km s-min=3.5km az=123.9. SZGRF Bhutan.

Table with columns for station codes (ISC, NAO, LDG, ISCJB, BJI, NEIC, IDC, MOS, SZGRF) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

ISC Event type de. Error ellipse: s-maj=10.8km s-min=6.1km az=153.0. LDG Event type de. Error ellipse: s-maj=6.1km s-min=4.3km az=51.2. ISCJB Event type de. Error ellipse: s-maj=6.1km s-min=4.2km az=216.0. Damage is included with the event at 20:04 UTC. Felt [V] at Dewathang and Samdrup Jongkar; [IV] at Dhubri and Itanagar. Also felt [IV] at Thimphu, Bhutan. Felt at Guwahati, India and Sylhet, Bangladesh. IDC Error ellipse: s-maj=19.2km s-min=13.6km az=24.0. MOS Error ellipse: s-maj=9.1km s-min=5.5km az=115.0. SZGRF Bhutan.

Table with columns for station codes (ISC, ISCJB, IDC, BJI, NEIC, HRVD, MOS, ISC, ISCJB, IDC, NEIC, HRVD) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

(702) Balleny Islands region. ISC II 25 23 05 00.2-3.0 62.665-05 165.3E-20 13-18 5.1b,4.8s 46 15-159 ISCJB II 25 23 04 57.2-2.8 62.625-05 165.3E-20 2-16 5.1b,4.8s 18193145 IDC II 25 23 04 58.2-5.8 62.665 165.29E 0 5.0,4.9L 20 5.0,5.8b 20 5.2b,5.8b 12 5.4W,5.8b 33 5.5b,5.8b

Table with columns for station codes (ISC, ISCJB, IDC, BJI, NEIC, HRVD, MOS, ISC, ISCJB, IDC, NEIC, HRVD) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

Table with columns for station codes (ISC, ISCJB, IDC, NEIC, HRVD) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

Table with columns for station codes (ISC, SZGRF, IDC, LDG) and their corresponding event details (Event type, Error ellipse, magnitude, depth, etc.).

M₀7.90000×10¹⁷
 HRVD Error ellipse: s-maj=3.3km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s₁₄c₈₄; Mantle waves: s₅₀c₇₉; Half duration: 2:3 Moment tensor: Scale 10¹⁷Nm; M_{rr}-0.01±0.02 M_{θθ}-0.26±0.03; M_{φφ}0.27±0.02; M_{rr}0.21±0.07; M_{θθ}1.01±0.02; M_{φφ}0.04±0.06; Best double couple: NP1:φ₀353.00000°; δ78.00000°; λ180.00000°; NP2:φ₀83.00000°; δ89.00000°; λ12.00000°. Principal axes: T 1.0750,Plg8.0000°; Azm308.0000°; N -0.0160,Plg78.0000°; Azm84.0000°; P -1.0580,Plg8.0000°; Azm217.0000°; M₀1.06700×10¹⁸

(406) Central Mid-Atlantic Ridge
 ISC III 04 00 53 31.9-24 1.09N-05 27.87W-03 10 5.0s,5.0b 341 11-154
 SZGRF III 04 00 53 23.8 0.28S 28.10W 33 4.9b,4.8s
 IDC III 04 00 53 28.9-41 1.00N 27.93W 0 5.0s,5.0b
 ISCJB III 04 00 53 30.0-26 1.12N-05 27.83W-03 10 5.0s,5.0b
 CASC III 04 00 53 30.1 1.02N 27.90W 10 5.6L,5.0b
 MOS III 04 00 53 30.7-1.1 1.31N 27.87W 10 5.2b,4.9s
 HRVD III 04 00 53 31.8-20 1.09N 28.01W 20-1 5.6W,4.9s
 NEIC III 04 00 53 31.8-28 1.13N 27.88W 10 5.1b,5.0s
 BJI III 04 00 53 31.7 1.10N 27.90W 10 5.9b,5.4s

ISC Event type se.
 SZGRF Central Mid-Atlantic Ridge.
 IDC Error ellipse: s-maj=13.2km s-min=10.2km az=161.0.
 ISCJB Event type se. Error ellipse: s-maj=7.7km s-min=4.4km az=138.3.
 MOS Error ellipse: s-maj=8.6km s-min=4.5km az=62.9.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s₇₉c₁₃₆; Mantle waves: s₉₅c₁₉₈; Half duration: 1:6 Moment tensor: Scale 10¹⁷Nm; M_{rr}-0.20±0.07 M_{θθ}0.68±0.07; M_{φφ}-0.48±0.07; M_{rr}-0.43±0.14; M_{θθ}-3.13±0.07; M_{φφ}0.33±0.15; Best double couple: NP1:φ₀355.00000°; δ84.00000°; λ6.00000°; NP2:φ₀264.00000°; δ84.00000°; λ174.00000°. Principal axes: T 3.3650,Plg9.0000°; Azm220.0000°; N -0.2800,Plg81.0000°; Azm43.0000°; P -3.0850,Plg0.0000°; Azm310.0000°; M₀3.22500×10¹⁷

NEIC Event type se. Error ellipse: s-maj=8.2km s-min=5.0km az=162.0.
 (76) Off coast of central America
 ISC III 04 08 11 37.2-20 12.56N-03 89.43W-02 28 5.3b,4.9s 310 1-163
 ISCJB III 04 08 11 34.8-20 12.51N-03 89.47W-02 27 5.3b,4.9s
 SZGRF III 04 08 11 34.4 12.86N 90.34W 33 5.3s,5.2b
 CASC III 04 08 11 35.9-2.2 12.46N 89.46W 19-14 5.4b,4.8s
 IDC III 04 08 11 35.0-2.4 12.65N 89.27W 18-14 4.8,4.8s
 MOS III 04 08 11 36.1-1.1 12.64N 89.27W 34 5.5b,5.0s
 HRVD III 04 08 11 37.0-20 12.29N 89.71W 12 5.4W,5.0s
 BJI III 04 08 11 37.0 12.60N 89.40W 27 5.7b,5.5s
 NEIC III 04 08 11 37.0-19 12.60N 89.36W 28 5.7W,5.5s

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=4.5km s-min=2.0km az=60.0.
 SZGRF Off coast of central America.
 CASC Error ellipse: s-maj=8.6km s-min=6.4km az=-1.0.
 IDC Error ellipse: s-maj=18.6km s-min=10.1km az=64.0.
 MOS Error ellipse: s-maj=11.3km s-min=4.8km az=110.4.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s₈₂c₁₄₆; Mantle waves: s₉₉c₂₀₆; Half duration: 1:2 Moment tensor: Scale 10¹⁷Nm; M_{rr}0.87±0.02 M_{θθ}-0.69±0.01; M_{φφ}-0.18±0.02; M_{rr}1.05±0.04; M_{θθ}0.32±0.01; M_{φφ}0.66±0.05; Best double couple: NP1:φ₀291.00000°; δ18.00000°; λ81.00000°; NP2:φ₀121.00000°; δ73.00000°; λ93.00000°. Principal axes: T 1.5240,Plg2.0000°; Azm35.0000°; N -0.0330,Plg3.0000°; Azm300.0000°; P -1.4910,Plg28.0000°; Azm208.0000°; M₀1.50700×10¹⁷

NEIC Event type fe. Error ellipse: s-maj=6.0km s-min=3.0km az=51.0. Felt [II] at San Salvador. Also felt at Antigua/Cuatlan, La Libertad and Textistepeque. Moment Tensor Solution. s₂₁ Moment tensor: Scale 10¹⁷Nm; M_{rr}2.86 M_{θθ}-1.01 M_{φφ}-1.84 M_{rr}2.35 M_{θθ}1.33 M_{φφ}3.26 Best double couple: NP1:φ₀144.00000°; δ72.00000°; λ90.00000°; NP2:φ₀323.00000°; δ18.00000°; λ89.00000°. Principal axes: T 4.9400,Plg63.0000°; Azm55.0000°; N -0.0300,Plg0.0000°; Azm324.0000°; P -4.9100,Plg27.0000°; Azm234.0000°; M₀4.90000×10¹⁷

(679) Northwest Territories
 ISC III 05 10 42 16.1-10 64.95N-01 129.19W-05 10 5.3b,5.2s 758 4-174
 PGC III 05 10 42 14.5 64.94N 129.07W 5 5.8L,5.7W
 BJI III 05 10 42 14.5 64.90N 129.20W 5 5.5s,5.5b
 ISCJB III 05 10 42 14.6-10 64.94N-01 129.20W-05 10 5.3b,5.2s
 IDC III 05 10 42 14.0-41 64.96N 129.15W 0 5.1,5.1
 NEIC III 05 10 42 15.5-11 64.91N 129.18W 6 5.7W,5.6W
 LDG III 05 10 42 15.3-90 65.31N 129.11W 10-0 5.5b,5.3s
 HRVD III 05 10 42 15.5-10 65.03N 129.25W 12 5.5W,5.3s
 MOS III 05 10 42 16.6-1.2 64.89N 129.32W 27 5.6b,5.3s
 BGS III 05 10 42 16.1 64.92N 129.18W 10 5.6b,5.3s
 SZGRF III 05 10 42 35.6 68.78N 134.32W 33 5.3b,5.3s

ISC Event type ke.
 PGC Event type ke. Error ellipse: s-maj=2.2km s-min=0.9km az=-1.0. Mackenzie Mountains, Northwest Territories.
 ISCJB Event type ke. Error ellipse: s-maj=3.0km s-min=1.8km az=153.1.
 IDC Error ellipse: s-maj=10.4km s-min=8.1km az=29.0.
 NEIC Event type se. Error ellipse: s-maj=3.3km s-min=2.2km az=71.0. Moment Tensor Solution. M₀4.40000×10¹⁷ Moment Tensor Solution. s₆ Moment tensor: Scale 10¹⁷Nm; M_{rr}-0.40 M_{θθ}-3.09 M_{φφ}3.49 M_{rr}-0.64 M_{θθ}1.44 M_{φφ}-0.21 Best double couple: NP1:φ₀56.00000°; δ86.00000°; λ-11.00000°. NP2:φ₀147.00000°; δ79.00000°; λ-176.00000°. Principal axes: T 3.8200,Plg5.0000°; Azm102.0000°; N -0.3200,Plg78.0000°; Azm215.0000°; P -3.5100,Plg11.0000°; Azm11.0000°; M₀3.70000×10¹⁷

LDG Event type ke. Error ellipse: s-maj=48.7km s-min=6.9km az=178.0.
 HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s₇₁c₁₃₇; Mantle waves: s₁₀₀c₂₂₄; Half duration: 1:3 Moment tensor: Scale 10¹⁷Nm; M_{rr}1.91±0.02 M_{θθ}-1.71±0.02; M_{φφ}-0.20±0.02; M_{rr}0.22±0.06; M_{θθ}0.67±0.02; M_{φφ}0.35±0.06; Best double couple: NP1:φ₀284.00000°; δ41.00000°; λ79.00000°; NP2:φ₀118.00000°; δ50.00000°; λ100.00000°. Principal axes: T 1.9700,Plg81.0000°; Azm78.0000°; N 0.0190,Plg7.0000°; Azm292.0000°; P -1.9960,Plg5.0000°; Azm202.0000°; M₀1.98300×10¹⁷

MOS Error ellipse: s-maj=10.4km s-min=3.3km az=90.0.
 SZGRF Northwest Territories, Canada.

(173) Tonga Islands
 ISC III 05 17 12 56.2-26 15.64S-06 174.53W-05 35 5.2s,4.9b 106 3-151
 SZGRF III 05 17 12 47.5 18.16S 174.42W 10 5.2s,4.9b
 IDC III 05 17 12 50.5-56 15.54S 174.66W 0 5.0s,5.0
 BJI III 05 17 12 52.7 15.50S 174.08W 27 5.5b,5.4s
 HRVD III 05 17 12 52.1-20 15.43S 174.42W 18-0 5.6W,5.4s
 NEIC III 05 17 12 52.1-20 15.61S 174.55W 10 5.6W,5.4s
 ISCJB III 05 17 12 54.2-26 15.62S-06 174.59W-05 33 5.2s,4.9b
 CSEM III 05 17 12 54.8 15.54S 174.78W 33 5.6L,4.9b
 MOS III 05 17 12 56.5-1.9 15.38S 174.99W 36 5.2s,5.1b

ISC Event type se.
 SZGRF Tonga Islands.
 IDC Error ellipse: s-maj=25.5km s-min=15.4km az=132.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s₈₄c₁₆₅; Mantle waves: s₁₀₅c₂₁₅; Half duration: 1:5 Moment tensor: Scale 10¹⁷Nm; M_{rr}-0.40±0.04 M_{θθ}-1.24±0.04; M_{φφ}1.64±0.05; M_{rr}-0.40±0.10; M_{θθ}2.48±0.04; M_{φφ}0.44±0.11; Best double couple: NP1:φ₀74.00000°; δ78.00000°; λ-7.00000°. NP2:φ₀166.00000°; δ83.00000°; λ-168.00000°. Principal axes: T 3.0770,Plg3.0000°; Azm300.0000°; N -0.2800,Plg76.0000°; Azm197.0000°; P -2.8000,Plg13.0000°; Azm30.0000°; M₀2.93900×10¹⁷

NEIC Event type se. Error ellipse: s-maj=10.4km s-min=5.8km az=146.0. Moment Tensor Solution. s₁₀ Moment tensor: Scale 10¹⁷Nm; M_{rr}-0.07 M_{θθ}-1.99 M_{φφ}2.07 M_{rr}0.26 M_{θθ}2.67 M_{φφ}0.28 Best double couple: NP1:φ₀72.00000°; δ87.00000°; λ6.00000°. NP2:φ₀341.00000°; δ84.00000°; λ177.00000°. Principal axes: T 3.4300,Plg6.0000°; Azm296.0000°; N -0.1100,Plg84.0000°; Azm98.0000°; P -3.3200,Plg2.0000°; Azm206.0000°; M₀3.40000×10¹⁷

ISCJB Event type se. Error ellipse: s-maj=10.1km s-min=6.2km az=118.4.
 MOS Error ellipse: s-maj=12.6km s-min=10.6km az=74.5.
 (756) Southeast of Easter Island
 ISC III 06 09 49 47.7-41 40.41S-07 92.00W-09 10 4.4b,4.3s 31 16-177
 ISCJB III 06 09 49 46.3-41 40.38S-07 91.96W-09 10 4.4b,4.3s
 BJI III 06 09 49 46.9 40.89S 92.16W 10 5.7s,5.5b
 IDC III 06 09 49 46.2-98 40.42S 91.85W 0 4.4,4.2s

NEIC III 06 09 49 48.0-44 40.36S 91.94W 10 4.6b,4.2s
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=10.4km s-min=9.7km az=169.7.
 IDC Error ellipse: s-maj=29.2km s-min=23.7km az=141.0.
 NEIC Event type se. Error ellipse: s-maj=12.4km s-min=9.7km az=92.0.

(72) Honduras
 ISC III 06 13 37 03.7-78 13.14N-06 87.50W-05 1-6 4.6b,4.3s 92 1-139
 ISCJB III 06 13 37 03.0-1.4 13.24N-06 87.47W-05 6-10 4.6b,4.3s
 CASC III 06 13 37 03.5-2.9 13.04N 87.60W 2-8 4.7,4.7b
 IDC III 06 13 37 03.0-1.0 13.11N 87.43W 0 4.5,4.3
 BJI III 06 13 37 04.1 13.00N 87.60W 10 5.5b,5.0s
 NEIC III 06 13 37 04.2-56 13.04N 87.59W 10 4.7b,4.6

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=12.4km s-min=3.8km az=82.7.
 CASC Error ellipse: s-maj=20.0km s-min=12.4km az=-1.0.
 IDC Error ellipse: s-maj=39.2km s-min=17.1km az=53.0.
 NEIC Event type fe. Error ellipse: s-maj=18.3km s-min=8.6km az=51.0. Felt [III] at Conchagua, El Salvador.
 (429) Mid-Indian Ridge
 ISC III 06 18 13 08.0-19 40.16S-03 78.43E-05 10 6.0s,5.4b 247 29-178
 MOS III 06 18 13 06.6-1.3 40.07S 78.56E 10 6.1s,5.7b
 IDC III 06 18 13 06.5-33 40.17S 78.41E 0 6.0s,6.0
 ISCJB III 06 18 13 06.4-19 40.14S-03 78.46E-05 10 6.0s,5.4b
 BJI III 06 18 13 08.7 39.39S 78.20E 11 6.2s,6.8s
 NEIC III 06 18 13 08.4-16 40.10S 78.49E 10 6.1W,6.1s
 HRVD III 06 18 13 08.4-10 40.17S 78.33E 13 6.2W,6.1s

ISC Event type se.
 MOS Error ellipse: s-maj=12.5km s-min=8.7km az=85.9.
 IDC Error ellipse: s-maj=11.3km s-min=6.3km az=178.0.
 ISCJB Event type se. Error ellipse: s-maj=5.1km s-min=5.0km az=113.2.
 NEIC Event type se. Error ellipse: s-maj=5.9km s-min=5.6km az=177.0. Moment Tensor Solution. s₁₁ Moment tensor: Scale 10¹⁸Nm; M_{rr}0.21 M_{θθ}-1.96 M_{φφ}1.74 M_{rr}0.26 M_{θθ}-0.55 M_{φφ}-0.06 Best double couple: NP1:φ₀307.00000°; δ88.00000°; λ-173.00000°. NP2:φ₀217.00000°; δ83.00000°; λ-2.00000°. Principal axes: T 1.8300,Plg3.0000°; Azm82.0000°; N 0.2400,Plg83.0000°; Azm324.0000°; P -2.0700,Plg6.0000°; Azm172.0000°; M₀1.90000×10¹⁸

HRVD Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s₁₀₄c₂₃₁; Mantle waves: s₉₈c₃₇₀; Half duration: 3:0 Moment tensor: Scale 10¹⁸Nm; M_{rr}-0.18±0.1 M_{θθ}-2.30±0.1; M_{φφ}2.48±0.1; M_{rr}-0.14±0.03; M_{θθ}-0.14±0.01; M_{φφ}0.08±0.03; Best double couple: NP1:φ₀43.00000°; δ86.00000°; λ-1.00000°. NP2:φ₀133.00000°; δ89.00000°; λ-176.00000°. Principal axes: T 2.4870,Plg2.0000°; Azm268.0000°; N -0.1780,Plg86.0000°; Azm151.0000°; P -2.3130,Plg4.0000°; Azm358.0000°; M₀2.40000×10¹⁸

(182) Fiji Islands
 ISC III 06 22 13 35.3-72 16.1S-10 178.1E-10 25 4.4b,3.8s 18 10-145
 ISCJB III 06 22 13 35.2-72 16.1S-10 178.0E-10 23 4.4b,3.8s
 IDC III 06 22 13 34.9-1.4 16.06S 178.09E 24-3 4.3,4.2
 NEIC III 06 22 13 35.2-45 16.03S 178.03E 25 4.4b,4.2
 BJI III 06 22 13 35.2 16.00S 178.00E 24 5.5b,4.9b

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=24.9km s-min=14.9km az=106.4.
 IDC Error ellipse: s-maj=57.6km s-min=17.1km az=138.0.
 NEIC Event type se. Error ellipse: s-maj=17.7km s-min=10.3km az=145.0.
 (429) Mid-Indian Ridge
 ISC III 07 07 10 51.1-25 40.24S-05 78.55E-06 15 5.5s,4.9b 121 29-174
 BJI III 07 07 10 47.6 40.27S 78.04E 17 5.7s,5.6b
 IDC III 07 07 10 48.1-44 40.13S 78.58E 0 5.5s,5.5
 MOS III 07 07 10 48.7-1.2 40.20S 78.57E 10 5.2b,5.5
 ISCJB III 07 07 10 49.4-25 40.26S-05 78.58E-06 15 5.5s,4.9b
 HRVD III 07 07 10 50.2-10 40.06S 78.26E 12 5.8W,4.9b
 NEIC III 07 07 10 50.1-20 40.13S 78.56E 10 5.2b,4.9b
 CSEM III 07 07 10 52.0 40.26S 78.53E 33 5.8L,4.9b

ISC Event type se.
 IDC Error ellipse: s-maj=17.6km s-min=12.0km az=5.0.
 MOS Error ellipse: s-maj=14.6km s-min=11.3km az=82.6.
 ISCJB Event type se. Error ellipse: s-maj=6.9km s-min=6.7km az=24.3.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s₈₄c₁₆₀; Mantle waves: s₉₄c₁₉₆; Half duration: 2:0 Moment tensor: Scale 10¹⁷Nm; M_{rr}0.36±0.10 M_{θθ}-6.88±0.09; M_{φφ}6.52±0.10; M_{rr}-0.36±0.26; M_{θθ}-2.06±0.10; M_{φφ}0.77±0.27; Best double couple: NP1:φ₀37.00000°; δ86.00000°; λ4.00000°. NP2:φ₀306.00000°; δ86.00000°; λ174.00000°. Principal axes: T 6.9320,Plg7.0000°; Azm261.0000°; N 0.2630,Plg83.0000°; Azm96.0000°; P -7.1980,Plg2.0000°; Azm352.0000°; M₀7.06500×10¹⁷

NEIC Event type se. Error ellipse: s-maj=7.0km s-min=6.2km az=170.0.
 (248) Philippine Islands region
 ISC III 07 14 12 44.1-2.1 20.0N-10 121.4E-20 53-19 3.5b 16 2-87
 IDC III 07 14 12 39.3-1.2 19.92N 122.35E 0 3.8,3.5b
 MAN III 07 14 12 40.5 19.94N 121.33E 1 7.1s,4.8L
 ISCJB III 07 14 12 43.1-2.0 20.0N-10 121.3E-20 59-18 3.5b,4.8L

(308) Northern India
 ISC III 07 18 20 48.0-12 23.78N-02 70.90E-01 19 5.3s,5.1b 648 1-156
 IDC III 07 18 20 44.4-51 23.57N 70.77E 0 5.1s,5.1
 SZGRF III 07 18 20 44.3 23.06N 71.41E 33 5.2b,4.8s
 ISCJB III 07 18 20 45.5-13 23.75N-02 70.89E-02 18 5.3s,5.1b
 NDI III 07 18 20 45.6-3.5 23.74N 70.69E 10-0 5.2L,5.2b
 HRVD III 07 18 20 46.1-20 23.72N 70.77E 12 5.5W,5.2b
 NEIC III 07 18 20 46.1-19 23.78N 70.90E 10 5.5W,5.2b
 BJI III 07 18 20 47.3 24.00N 71.09E 10 5.7s,5.4s
 MOS III 07 18 20 47.7-1.2 23.70N 70.82E 33 5.4b,5.1s

ISC Event type de.
 IDC Error ellipse: s-maj=12.9km s-min=11.8km az=98.0.
 SZGRF Southern India.
 ISCJB Event type de. Error ellipse: s-maj=2.6km s-min=2.0km az=3.4.
 NDI Error ellipse: s-maj=5.0km s-min=6.9km az=-1.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s₈₄c₁₅₁; Mantle waves: s₉₆c₁₉₇; Half duration: 1:3 Moment tensor: Scale 10¹⁷Nm; M_{rr}0.14±0.02 M_{θθ}-1.89±0.02; M_{φφ}1.75±0.03; M_{rr}0.37±0.06; M_{θθ}0.06±0.02; M_{φφ}0.29±0.06; Best double couple: NP1:φ₀224.00000°; δ76.00000°; λ0.00000°. NP2:φ₀134.00000°; δ90.00000°; λ166.00000°. Principal axes: T 1.8040,Plg10.0000°; Azm88.0000°; N 0.1470,Plg76.0000°; Azm314.0000°; P -1.9550,Plg10.0000°; Azm180.0000°; M₀1.88000×10¹⁷

NEIC Event type de. Error ellipse: s-maj=6.0km s-min=3.5km az=199.0. At least seven people injured in the Jatawada-Rapar area and some buildings damaged at Jatawada. Felt [IV] at Ahmaddabad, Bhuj, Morbi and Rajkot; [II] at Vadodara. Felt in much of Gujarat and in southern Rajasthan. Also felt at Matti, Pakistan. Moment Tensor Solution. s₄ Moment tensor: Scale 10¹⁷Nm; M_{rr}0.08 M_{θθ}-2.05 M_{φφ}1.97 M_{rr}-0.40 M_{θθ}-0.36 M_{φφ}-0.63 Best double couple: NP1:φ₀220.00000°; δ87.00000°; λ20.00000°. NP2:φ₀129.00000°; δ70.00000°; λ177.00000°. Principal axes: T 2.1700,Plg16.0000°; Azm87.0000°; N 0.0000,Plg70.0000°; Azm229.0000°; P -2.1800,Plg12.0000°; Azm353.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s67,c119; Mantle waves: s81,c151; Half duration: 1s1 Moment tensor: Scale 1017Nm; $M_{rr}=0.87\pm 0.02$; $M_{\theta\theta}=0.21\pm 0.02$; $M_{\phi\phi}=0.65\pm 0.02$; $M_{r\theta}=0.45\pm 0.05$; $M_{r\phi}=0.51\pm 0.1$; $M_{\theta\phi}=0.07\pm 0.05$; Best double couple: NP1: $\phi=14.00000^\circ$; $\lambda=122.00000^\circ$; NP2: $\phi=232.00000^\circ$; $\lambda=87.00000^\circ$; $\lambda=67.00000^\circ$. Principal axes: T 1.0380,Plg10.0000; Azm306.0000; N 0.0030,Plg19.0000; Azm39.0000; P -1.0420,Plg68.0000; Azm191.0000; M_0 1.04000x10¹⁷

SZGRF Northern Sumatera, Indonesia.

(221) Kuril Islands

ISC	III	08 06 35 49.0-16	44.21N-03	148.40E-02	37	5.3b,4.7s	593	1-152
NIED	III	08 06 35 00		148.30E	35	5.0W,4.7s		¶10599502
SKHL	III	08 06 35 45.8-60	44.08N	148.61E	36-15	5.7s,6.6b		
JMA	III	08 06 35 45.5-40	43.90N	148.30E	0	5.1,5.6b		
BJI	III	08 06 35 46.7	44.19N	148.45E	40	5.4b,5.3b		
ISCJB	III	08 06 35 47.2-16	44.18N-03	148.41E-02	35	5.3b,4.7s		
MOS	III	08 06 35 47.8-91	44.25N	148.36E	39	5.6b,4.0s		
HRVD	III	08 06 35 48.7-50	44.05N	148.69E	38-1	5.0W,4.0s		
NEIC	III	08 06 35 48.7-12	44.14N	148.38E	37	5.3b,4.0s		
IDC	III	08 06 35 48.6-2.8	44.16N	148.35E	35-22	5.0,4.9		
SZGRF	III	08 06 35 54.7	45.32N	147.57E	33	5.6b,4.9		

ISC Event type se. Error ellipse: s-maj=29.00000; $\lambda=81.00000^\circ$; $\lambda=113.00000^\circ$; NP2: $\phi=233.00000^\circ$; $\lambda=22.00000^\circ$; $\lambda=113.00000^\circ$; M_0 3.17000x10¹⁶

NIED Moment Tensor Solution. Best double couple: NP1: $\phi=29.00000^\circ$; $\lambda=81.00000^\circ$; $\lambda=113.00000^\circ$; NP2: $\phi=233.00000^\circ$; $\lambda=22.00000^\circ$; $\lambda=113.00000^\circ$; M_0 3.17000x10¹⁶

SKHL Event type fe. Felt (II-III) at Gorniy, (II-III) at Kurilsk. Error ellipse: s-maj=3.3km s-min=3.2km az=1.0. JMA Event type fe. Error ellipse: s-maj=4.1km s-min=2.2km az=142.7. MOS Event type se. Error ellipse: s-maj=7.5km s-min=4.4km az=110.1. Felt (III) at Gornii; (II-III) at Reidoivo; (II) at Kurilsk. Moment Tensor Solution.

HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s41,c54; Mantle waves: s63,c89; Half duration: 0 Moment tensor: Scale 1016 Nm; $M_{rr}=3.87\pm 0.21$; $M_{\theta\theta}=1.71\pm 0.19$; $M_{\phi\phi}=2.15\pm 0.22$; $M_{r\theta}=0.87\pm 0.18$; $M_{r\phi}=1.95\pm 0.16$; Best double couple: NP1: $\phi=231.00000^\circ$; $\lambda=105.00000^\circ$; NP2: $\phi=33.00000^\circ$; $\lambda=89.00000^\circ$; $\lambda=81.00000^\circ$. Principal axes: T 4.4550,Plg74.0000; Azm278.0000; N 0.1760,Plg8.0000; Azm38.0000; P -4.6210,Plg14.0000; Azm130.0000; M_0 4.53800x10¹⁶

NEIC Event type fe. Error ellipse: s-maj=4.0km s-min=2.3km az=163.0. Felt [III] at Gorniy and Reidoivo and [II] at Kurilsk. Recorded [I JMA] in eastern Hokkaido.

IDC Error ellipse: s-maj=14.7km s-min=11.5km az=134.0.

SZGRF Kuril Islands, Russia.

(221) Kuril Islands

ISC	III	08 08 23 55.3-15	44.93N-03	151.61E-03	58	5.2b,4.6s	631	3-152
NIED	III	08 08 23 00		151.70E	26	4.8W,4.6s		¶10600124
SKHL	III	08 08 23 49.9-2.3	45.10N	151.69E	31-5	6.0b,5.7		
JMA	III	08 08 23 50.6-60	45.21N	151.70E	30	5.7,5.7		
MOS	III	08 08 23 51.1-1.2	44.94N	151.68E	33	5.5b,4.5s		
BJI	III	08 08 23 52.7	45.00N	151.29E	30	5.1b,5.1b		
ISCJB	III	08 08 23 53.4-15	44.88N-03	151.61E-02	56	5.2b,4.6s		
IDC	III	08 08 23 55.0-33	45.02N	151.68E	56-2	4.9,4.7		
HRVD	III	08 08 23 55.3-30	45.05N	151.90E	13-1	5.0W,4.7		
NEIC	III	08 08 23 55.3-15	44.99N	151.73E	57	5.2b,4.7		
SZGRF	III	08 08 24 01.0	46.50N	151.50E	55	5.3b,4.7		

ISC Event type se. Error ellipse: s-maj=27.0km s-min=9.7km az=97.9. MOS Error ellipse: s-maj=27.0km s-min=9.7km az=97.9. ISCJB Event type se. Error ellipse: s-maj=6.7km s-min=5.0km az=137.6. IDC Error ellipse: s-maj=16.0km s-min=9.8km az=60.0.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s90,c180; Mantle waves: s98,c290; Half duration: 1s9 Moment tensor: Scale 1017Nm; $M_{rr}=0.60\pm 0.05$; $M_{\theta\theta}=0.43\pm 0.05$; $M_{\phi\phi}=0.17\pm 0.06$; $M_{r\theta}=1.62\pm 0.15$; $M_{r\phi}=0.51\pm 0.05$; $M_{\theta\phi}=1.74\pm 0.17$; Best double couple: NP1: $\phi=92.00000^\circ$; $\lambda=12.00000^\circ$; NP2: $\phi=359.00000^\circ$; $\lambda=78.00000^\circ$; $\lambda=166.00000^\circ$. Principal axes: T 6.5960,Plg18.0000; Azm316.0000; N -1.3840,Plg72.0000; Azm141.0000; P -5.2130,Plg2.0000; Azm46.0000; M_0 5.90500x10¹⁷

NEIC Event type se. Error ellipse: s-maj=7.8km s-min=6.3km az=70.0. Moment Tensor Solution. s9 Moment tensor: Scale 1018Nm; $M_{rr}=0.10$; $M_{\theta\theta}=0.30$; $M_{\phi\phi}=0.19$; $M_{r\theta}=0.01$; $M_{r\phi}=1.65$; $M_{\theta\phi}=0.26$; Best double couple: NP1: $\phi=184.00000^\circ$; $\lambda=89.00000^\circ$; $\lambda=171.00000^\circ$; NP2: $\phi=359.00000^\circ$; $\lambda=81.00000^\circ$; $\lambda=1.00000^\circ$. Principal axes: T 1.7400,Plg5.0000; Azm319.0000; N -0.1000,Plg81.0000; Azm192.0000; P -1.6400,Plg7.0000; Azm50.0000; M_0 1.70000x10¹⁸

SZGRF Kuril Islands, Russia.

(153) South Sandwich Islands region

ISC	III	09 09 59 53.2-29	59.56S-05	29.7W-10	10	5.5s,5.2b	66	6-180
IDC	III	09 09 59 51.6-45	59.53S	29.65W	0	5.5s,5.5		¶10600169
ISCJB	III	09 09 59 51.6-29	59.53S-05	29.7W-10	10	5.5s,5.1b		
BJI	III	09 09 59 53.0	59.50S	29.70W	10	5.9s,5.6s		
HRVD	III	09 09 59 53.0-10	59.70S	29.70W	15	5.8W,5.6s		
NEIC	III	09 09 59 53.0-23	59.54S	29.66W	10	5.9W,5.5b		
MOS	III	09 09 59 55.6-1.2	59.57S	29.66W	33	5.6b,5.5b		

ISC Event type se. Error ellipse: s-maj=16.7km s-min=12.1km az=14.0. IDC Error ellipse: s-maj=10.4km s-min=5.2km az=104.3. ISCJB Event type se. Error ellipse: s-maj=10.4km s-min=5.2km az=104.3.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s89,c193; Mantle waves: s106,c222; Half duration: 2s0 Moment tensor: Scale 1017Nm; $M_{rr}=0.35\pm 0.07$; $M_{\theta\theta}=4.75\pm 0.07$; $M_{\phi\phi}=5.10\pm 0.07$; $M_{r\theta}=0.61\pm 0.21$; $M_{r\phi}=1.9\pm 0.6$; $M_{\theta\phi}=1.8\pm 0.2$; Best double couple: NP1: $\phi=335.00000^\circ$; $\lambda=174.00000^\circ$; NP2: $\phi=66.00000^\circ$; $\lambda=84.00000^\circ$; $\lambda=9.00000^\circ$. Principal axes: T 6.8820,Plg10.0000; Azm290.0000; N -0.5870,Plg80.0000; Azm101.0000; P -6.2960,Plg2.0000; Azm200.0000; M_0 6.58900x10¹⁷

NEIC Event type se. Error ellipse: s-maj=10.2km s-min=6.5km az=220.0. Moment Tensor Solution. s5 Moment tensor: Scale 1017Nm; $M_{rr}=0.30$; $M_{\theta\theta}=3.49$; $M_{\phi\phi}=3.19$; $M_{r\theta}=2.12$; $M_{r\phi}=0.63$; $M_{\theta\phi}=1.17$; Best double couple: NP1: $\phi=76.00000^\circ$; $\lambda=12.00000^\circ$; NP2: $\phi=168.00000^\circ$; $\lambda=87.00000^\circ$; $\lambda=169.00000^\circ$. Principal axes: T 7.2700,Plg1.0000; Azm122.0000; N 0.9800,Plg74.0000; Azm215.0000; P -8.2600,Plg16.0000; Azm32.0000; M_0 7.80000x10¹⁷

MOS Error ellipse: s-maj=27.1km s-min=12.9km az=103.8.

(703) Andaman Islands region

ISC	III	09 16 10 32.6-4.5	10.71N-07	94.33E-08	9-29	4.2b	42	8-122
BJI	III	09 16 10 25.1	10.00N	93.98E	10	5.6b,4.8s		¶10600398
ISCJB	III	09 16 10 30.7-42	10.66N-06	94.35E-08	10	4.2b,4.8s		
IDC	III	09 16 10 31.6-73	10.74N	94.48E	0	4.2,4.1b		
NEIC	III	09 16 10 32.6-36	10.69N	94.36E	10	4.3b,4.1b		
MOS	III	09 16 10 34.3-93	10.72N	94.53E	33	4.4b,4.1b		

ISC Event type se. Error ellipse: s-maj=12.8km s-min=7.7km az=124.3. IDC Error ellipse: s-maj=43.4km s-min=13.9km az=58.0. NEIC Event type se. Error ellipse: s-maj=12.1km s-min=6.7km az=60.0. MOS Error ellipse: s-maj=27.9km s-min=9.5km az=109.4.

(406) Central Mid-Atlantic Ridge

ISC	III	09 17 46 55.0-36	1.17N-08	28.15W-06	10	5.2s,4.5b	102	10-152
MOS	III	09 17 46 52.8-88	1.08N	28.10W	10	5.0b,4.5b		¶10600489
IDC	III	09 17 46 53.0-53	1.15N	28.14W	0	5.1s,5.1		
ISCJB	III	09 17 46 52.8-36	1.15N-08	28.14W-06	10	5.2s,4.5b		
BJI	III	09 17 46 54.4	1.10N	28.20W	10	5.5s,5.4b		
NEIC	III	09 17 46 54.4-32	1.08N	28.18W	10	4.8b,5.4b		
SZGRF	III	09 17 46 55.4	0.89N	28.55W	33	4.6b,5.4b		

ISC Event type se. Error ellipse: s-maj=17.9km s-min=9.8km az=55.3. IDC Error ellipse: s-maj=18.9km s-min=11.3km az=146.0. ISCJB Event type se. Error ellipse: s-maj=12.4km s-min=6.7km az=112.7. NEIC Event type se. Error ellipse: s-maj=11.3km s-min=6.2km az=141.0.

SZGRF Central Mid-Atlantic Ridge.

(406) Central Mid-Atlantic Ridge

ISC	III	09 17 55 56.3-20	0.77N-04	26.11W-03	10	5.6s,5.3b	644	12-169
SZGRF	III	09 17 55 43.5	1.43S	25.48W	7	5.5s,5.3b		¶10600504
IDC	III	09 17 55 53.3-36	0.82N	26.22W	0	5.5s,5.5		
IGIL	III	09 17 55 53.3	0.60N	26.10W	10	5.3s,5.5		
ISCJB	III	09 17 55 54.1-20	0.76N-04	26.08W-03	10	5.6s,5.3b		
CRAAG	III	09 17 55 54.2	0.62N	26.07W	10	5.8W,5.3b		
BJI	III	09 17 55 55.3	0.80N	26.10W	10	6.0s,5.7b		
NEIC	III	09 17 55 55.4-25	0.79N	26.13W	10	5.9W,5.5b		

HRVD	III	09 17 55 55.3-10	0.79N	25.97W	17-0	6.0W,5.6s		
MOS	III	09 17 55 58.2-1.2	1.64N	26.12W	10	5.5b,5.5s		

ISC Event type se.

SZGRF Central Mid-Atlantic Ridge. IDC Error ellipse: s-maj=11.9km s-min=9.8km az=143.0. ISCJB Event type se. Error ellipse: s-maj=6.0km s-min=3.9km az=129.0. NEIC Event type se. Error ellipse: s-maj=7.8km s-min=5.1km az=151.0. Moment Tensor Solution. s9 Moment tensor: Scale 1018Nm; $M_{rr}=0.00$; $M_{\theta\theta}=0.00$; $M_{\phi\phi}=0.00$; $M_{r\theta}=0.00$; $M_{r\phi}=0.00$; $M_{\theta\phi}=0.00$; Best double couple: NP1: $\phi=163.00000^\circ$; $\lambda=81.00000^\circ$; $\lambda=9.00000^\circ$; NP2: $\phi=72.00000^\circ$; $\lambda=81.00000^\circ$; $\lambda=171.00000^\circ$. Principal axes: T 1.0900,Plg13.0000; Azm28.0000; N -0.1300,Plg77.0000; Azm27.0000; P -0.9600,Plg0.0000; Azm298.0000; M_0 1.00000x10¹⁸

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s85,c176; Mantle waves: s100,c348; Half duration: 2s4 Moment tensor: Scale 1018Nm; $M_{rr}=0.01\pm 0.01$; $M_{\theta\theta}=0.23\pm 0.01$; $M_{\phi\phi}=0.23\pm 0.01$; $M_{r\theta}=0.04\pm 0.03$; $M_{r\phi}=1.09\pm 0.01$; $M_{\theta\phi}=1.2\pm 0.03$; Best double couple: NP1: $\phi=264.00000^\circ$; $\lambda=84.00000^\circ$; $\lambda=179.00000^\circ$; NP2: $\phi=354.00000^\circ$; $\lambda=89.00000^\circ$; $\lambda=6.00000^\circ$. Principal axes: T 1.1210,Plg5.0000; Azm219.0000; N -0.0010,Plg84.0000; Azm6.0000; P -1.1200,Plg3.0000; Azm129.0000; M_0 1.12000x10¹⁸

MOS Error ellipse: s-maj=10.0km s-min=3.4km az=61.2.

(248) Philippine Islands region

ISC	III	09 20 53 14.0-3.4	12.60N-06	126.1E-10	28-26	3.8b	17	1-47
IDC	III	09 20 53 10.3-1.8	12.51N	126.46E	0	3.9,3.7b		¶10600624
MAN	III	09 20 53 12.2	12.70N	126.03E	13	7.1s,4.5L		
ISCJB	III	09 20 53 13.3-2.2	12.66N-06	126.1E-20	54-25	3.8b,4.5L		

(259) Mindanao

ISC	III	09 21 54 39.5-88	5.33N-06	125.1E-20	35	3.4b	12	2-84
IDC	III	09 21 54 32.8-1.2	5.65N	125.45E	0	3.7,3.5b		¶10600652
ISCJB	III	09 21 54 37.3-87	5.29N-06	125.2E-20	33	3.4b,3.5b		
MAN	III	09 21 54 43.0	5.76N	124.79E	3	7.5s,4.5L		

IDC Error ellipse: s-maj=76.2km s-min=24.4km az=74.0. ISCJB Error ellipse: s-maj=24.0km s-min=7.5km az=164.6.

(190) New Ireland region									
ISC	III	12 20 54 54.0-13	5.075--02	153.66E--03	46	5.7b,5.1s	374	8-159	
ISCJB	III	12 20 54 51.8-13	5.075--02	153.63E--03	44	5.7b,5.1s	¶10602660		
BJI	III	12 20 54 53.9	4.63S	153.73E	45	5.6b,5.6b			
IDC	III	12 20 54 53.9-46	5.10S	153.56E	53-3	5.4,5.1			
NEIC	III	12 20 54 53.5-13	5.08S	153.66E	47	5.9b,5.8W			
HRVD	III	12 20 54 53.5-10	5.31S	153.55E	54	5.8W,5.8W			
MOS	III	12 20 54 53.0-1.1	5.04S	153.65E	48	6.0b,5.1s			
ISC Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=4.2km s-min=2.8km az=109.3.								
IDC	Error ellipse: s-maj=9.8km s-min=7.9km az=90.0.								
NEIC	Event type fe. Error ellipse: s-maj=5.2km s-min=4.4km az=100.0. Felt at Buka. Moment Tensor Solution. M1.30000*1018 Moment Tensor Solution. s13 Moment tensor: Scale 1017 Nm; Mr=1.59 Mw=1.14 Mm=0.45 Mf=1.15 Mm=2.67 Mw=4.91 Best double couple: NP1: $\phi=178.00000^\circ$; $\lambda=82.00000^\circ$; $\lambda=120.00000^\circ$; NP2: $\phi=282.00000^\circ$; $\lambda=31.00000^\circ$; $\lambda=16.00000^\circ$. Principal axes: T 6.4800,Plg45.0000; Azm118.0000; N -1.4700,Plg29.0000; Azm353.0000; P -5.0000,Plg31.0000; Azm244.0000; M=5.70000*1017								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s96,c192; Mantle waves: s101,c258; Half duration: 159 Moment tensor: Scale 1017Nm; Mr=2.19 Mw=1.02 Mm=1.04; Mf=1.09 Mw=2.59 Mw=2.59; Mw=4.74; $\phi=0.05$; Best double couple: NP1: $\phi=295.00000^\circ$; $\lambda=31.00000^\circ$; $\lambda=24.00000^\circ$; NP2: $\phi=184.00000^\circ$; $\lambda=878.00000^\circ$; $\lambda=118.00000^\circ$. Principal axes: T 6.1130,Plg49.0000; Azm124.0000; N -0.3380,Plg28.0000; Azm357.0000; P -5.7700,Plg27.0000; Azm251.0000; M=5.94200*1017								
MOS Error ellipse: s-maj=7.9km s-min=5.9km az=95.5.									
(210) South of Mariana Islands									
ISC	III	13 03 48 41.3-48	11.79N--06	143.69E--08	31-34	4.5b,3.5s	48	2-144	
IDC	III	13 03 48 36.3-74	11.79N	143.70E	0	4.6,4.4b	¶10602821		
ISCJB	III	13 03 48 38.6-4.4	11.76N--06	143.61E--08	26-32	4.5b,3.5s			
MOS	III	13 03 48 39.4-67	11.76N	143.63E	33	4.7b,3.5s			
BJI	III	13 03 48 39.3	11.70N	143.83E	46	5.5b,4.8b			
NEIC	III	13 03 48 41.5--41	11.79N	143.67E	35	4.5b,4.8b			
ISC Event type se.									
IDC	Error ellipse: s-maj=24.8km s-min=15.9km az=108.0.								
ISCJB	Event type se. Error ellipse: s-maj=14.8km s-min=9.5km az=53.3.								
MOS	Error ellipse: s-maj=19.7km s-min=10.3km az=101.6.								
NEIC	Event type se. Error ellipse: s-maj=14.9km s-min=8.8km az=96.0.								
(159) North Island									
ISC	III	13 11 02 14.3-48	39.99S--02	176.93E--06	48-5	4.7b,3.9s	135	0-155	
ISCJB	III	13 11 02 13.4-48	39.99S--03	176.93E--06	60-4	4.7b,3.9s	¶10602983		
WEL	III	13 11 02 16.1-16	39.90S	176.80E	47-1	4.6L,3.9s			
NEIC	III	13 11 02 16.1	39.90S	176.83E	47	4.7L,4.3b			
IDC	III	13 11 02 16.1-3.1	39.80S	176.66E	40-24	4.4,4.4			
BJI	III	13 11 02 16.1	39.90S	176.80E	47	5.7b,5.2b			
ISC Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=8.0km s-min=3.5km az=38.5.								
WEL	Event type fe. Error ellipse: s-maj=1.6km s-min=0.8km az=90.0. Felt between King Country, Marlborough and Hawke's Bay, maximum reported intensity MM 5.								
NEIC	Event type fe. Felt in the Hawke's Bay area. After WEL.								
IDC	Error ellipse: s-maj=31.6km s-min=20.6km az=135.0.								
(248) Philippine Islands region									
ISC	III	13 23 13 20.7-1.5	7.18N--08	127.2E--10	49-15	3.6b	21	1-122	
IDC	III	13 23 13 13.8-97	7.12N	126.99E	0	3.8,3.6b	¶10603256		
ISCJB	III	13 23 13 19.5-1.4	7.14N--08	127.2E--10	59-13	3.6b,3.6b			
NEIC	III	13 23 13 19.0-57	7.21N	127.16E	35	3.9b,3.6b			
MAN	III	13 23 13 19.3	6.90N	127.02E	26	6.4s,4.6L			
ISC Event type se.									
IDC	Error ellipse: s-maj=64.1km s-min=23.6km az=74.0.								
ISCJB	Event type se. Error ellipse: s-maj=18.3km s-min=12.2km az=133.4.								
NEIC	Event type se. Error ellipse: s-maj=18.1km s-min=10.0km az=70.0.								
(280) Banda Sea									
ISC	III	14 06 57 34.4-12	3.56S--02	127.31E--03	33	6.6s,6.4b	560	10-169	
BJI	III	14 06 57 25.5	4.23S	127.88E	29	6.9b,6.7s	¶10603426		
IDC	III	14 06 57 29.8-93	3.57S	127.23E	8-4	6.5s,6.5			
ISCJB	III	14 06 57 32.0-12	3.57S--02	127.30E--03	31	6.6s,6.4b			
MOS	III	14 06 57 32.9-1.2	3.51S	127.15E	33	6.6b,6.6s			
HRVD	III	14 06 57 33.9-10	3.35S	127.31E	13	6.7W,6.6s			
NEIC	III	14 06 57 33.9-12	3.60S	127.21E	30	7.0,6.7W			
BGS	III	14 06 57 34.2	3.60S	127.23E	33	7.0,6.7W			
SZGRF	III	14 06 58 11.6	1.25N	127.92E	35	6.7b,6.7W			
ISC Event type de.									
IDC	Error ellipse: s-maj=7.3km s-min=4.9km az=73.0.								
ISCJB	Event type de. Error ellipse: s-maj=4.2km s-min=2.3km az=125.0.								
MOS	Error ellipse: s-maj=8.8km s-min=5.1km az=111.2.								
HRVD	Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=125s. Centroid Moment Tensor Solution. LP body waves: s111,c283; Mantle waves: s105,c412; Half duration: 565 Moment tensor: Scale 1019Nm; Mr=0.36 Mw=0.67 Mw=0.1; Mf=0.31 Mw=0.70 Mw=0.2; Mw=1.18; $\phi=0.54$; $\phi=0.2$; Best double couple: NP1: $\phi=284.00000^\circ$; $\lambda=69.00000^\circ$; $\lambda=11.00000^\circ$; NP2: $\phi=191.00000^\circ$; $\lambda=80.00000^\circ$; $\lambda=159.00000^\circ$. Principal axes: T 1.8170,Plg22.0000; Azm146.0000; N -0.7120,Plg67.0000; Azm347.0000; P -1.1050,Plg7.0000; Azm239.0000; M=1.46100*1019								
NEIC	Event type de. Error ellipse: s-maj=6.3km s-min=4.1km az=70.0. At least three people killed and one missing due to a local tsunami with an observed wave height [peak-to-trough] of 7 meters on Buru. Maximum run-in was about 100 meters. Ground cracks about 500 meters long with maximum width of about 15 centimeters were observed in the area. Liquefaction was also observed in the area. One hundred sixteen houses damaged or destroyed at Pela, 54 at Batu Jugku, 30 at Waimorot, 25 at Wailawa and 16 at Waimoly. Felt [V] at Namlea, Buru and [V] on Ambon. Energy computed from BB mechanism. Moment Tensor Solution. M=2.50000*1019 Moment Tensor Solution. s16 Moment tensor: Scale 1019Nm; Mr=0.12 Mw=1.02 Mw=1.14 Mw=0.49 Mw=0.60 Mw=0.71 Best double couple: NP1: $\phi=209.00000^\circ$; $\lambda=86.00000^\circ$; $\lambda=145.00000^\circ$; NP2: $\phi=302.00000^\circ$; $\lambda=85.00000^\circ$; $\lambda=5.00000^\circ$. Principal axes: T 1.5100,Plg27.0000; Azm160.0000; N 0.0100,Plg55.0000; Azm23.0000; P -1.5100,Plg21.0000; Azm261.0000; M=1.50000*1019 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: $\phi=177.00000^\circ$; $\lambda=86.00000^\circ$; $\lambda=141.00000^\circ$; NP2: $\phi=285.00000^\circ$; $\lambda=85.00000^\circ$; $\lambda=30.00000^\circ$. Principal axes: T Plg44.0000; Azm137.0000; N Plg0.0000; Azm0.0000; P Plg7.0000; Azm233.0000.								
SZGRF	Halmaheira, Indonesia.								
(272) Seram									
ISC	III	14 07 01 55.4-4.1	3.46S--07	127.4E--10	23-29	5.3b	45	15-161	
ISCJB	III	14 07 01 50.6-5.7	3.44S--07	127.4E--10	4-36	5.3b	¶10603435		
IDC	III	14 07 01 52.0-56	3.52S	127.37E	0	5.3b,5.3			
MOS	III	14 07 01 54.9-1.1	3.39S	127.44E	33	5.6b,5.3			
NEIC	III	14 07 01 56.4-39	3.44S	127.34E	30	5.4b,5.3			
BJI	III	14 07 01 56.9	3.41S	127.61E	35	5.9b,5.3b			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=18.4km s-min=10.0km az=144.3.								
IDC	Error ellipse: s-maj=23.6km s-min=15.5km az=70.0.								
MOS	Error ellipse: s-maj=27.9km s-min=10.4km az=104.8.								
NEIC	Event type se. Error ellipse: s-maj=18.2km s-min=9.1km az=69.0.								
(280) Banda Sea									
ISC	III	14 07 55 26.8-22	3.49S--03	127.43E--06	23	5.2s,5.0b	150	10-155	
BJI	III	14 07 55 18.7	4.38S	127.84E	30	5.6b,5.4s	¶10603462		
IDC	III	14 07 55 22.7-48	3.50S	127.25E	0	4.8,4.7b			
ISCJB	III	14 07 55 24.5-22	3.53S--04	127.35E--06	21	5.2s,5.0b			
MOS	III	14 07 55 26.1-87	3.50S	127.30E	33	5.1b,5.0b			
NEIC	III	14 07 55 27.5-24	3.50S	127.39E	30	4.9b,5.0b			
ISC Event type se.									
IDC	Error ellipse: s-maj=21.1km s-min=13.6km az=66.0.								
ISCJB	Event type se. Error ellipse: s-maj=8.5km s-min=4.4km az=138.6.								
MOS	Error ellipse: s-maj=14.7km s-min=6.7km az=115.6.								
NEIC	Event type se. Error ellipse: s-maj=9.3km s-min=4.9km az=69.0.								
(399) Ionian Sea									
ISC	III	14 09 16 58.5-14	37.79N--01	19.88E--01	10	5.1s,4.7b	670	1-123	
THE	III	14 09 16 49.0	37.83N	19.86E	10	5.0L,4.7b	¶10603507		
ROM	III	14 09 16 53.1-75	37.49N	20.23E	10-0	4.8L,4.7b			
BJI	III	14 09 16 55.6	37.94N	19.73E	17	5.6s,5.4s			
ISCJB	III	14 09 16 56.8-14	37.82N--01	19.87E--01	10	5.1s,4.7b			
LDG	III	14 09 16 56.6-32	38.01N	20.14E	10-0	4.8b,4.7b			
NEIC	III	14 09 16 57.9	37.74N	19.90E	19	5.0L,4.8L			

MOS	III	14 09 16 57.2-1.1	37.91N	19.92E	10	4.9b,4.6s			
IDC	III	14 09 16 57.0-47	37.88N	19.94E	0	4.6,4.6L			
ATH	III	14 09 16 58.0	37.74N	19.90E	19-1	4.8L,4.5			
PDG	III	14 09 17 00.5-69	37.98N	19.88E	19-2	4.8L,4.5			
CSEM	III	14 09 17 00.7	37.97N	19.86E	30	4.6b,4.5			
SZGRF	III	14 09 17 06.3	38.36N	19.85E	10	4.1b,4.5			
HLW	III	14 09 17 10.4	37.29N	21.13E	33	4.5b,4.5			
ISC Event type ke.									
ROM	Event type ke. Error ellipse: s-maj=12.4km s-min=3.2km az=56.0.								
ISCJB	Event type ke. Error ellipse: s-maj=2.0km s-min=1.5km az=8.5.								
LDG	Event type ke. Error ellipse: s-maj=17.1km s-min=8.0km az=33.0.								
NEIC	Event type se. After ATH.								
MOS	Error ellipse: s-maj=4.0km s-min=2.4km az=105.7.								
IDC	Error ellipse: s-maj=11.9km s-min=10.1km az=97.0.								
ATH	Error ellipse: s-maj=1.1km s-min=1.6km az=-1.0.								
PDG	Error ellipse: s-maj=1.8km s-min=1.1km az=-1.0.								
SZGRF	Ionian Sea.								
(410) Southern Mid-Atlantic Ridge									
ISC	III	14 16 05 41.6-44	33.60S--09	14.24W--08	10	4.6b,4.2s	26	4-141	
ISCJB	III	14 16 05 39.7-44	33.58S--09	14.23W--08	10	4.6b,4.2s	¶10603697		
IDC	III	14 16 05 39.9-69	33.52S	14.28W	0	4.3,4.2			
NEIC	III	14 16 05 41.4-40	33.59S	14.24W	10	4.5b,4.2			
BJI	III	14 16 05 41.4	33.60S	14.20W	10	5.5s,5.1s			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=12.8km s-min=9.8km az=161.5.								
IDC	Error ellipse: s-maj=24.8km s-min=14.1km az=170.0.								
NEIC	Event type se. Error ellipse: s-maj=12.5km s-min=9.3km az=175.0.								
(53) Revilla Gigedo Islands region									
ISC	III	14 23 31 43.1-32	19.50N--04	108.95W--03	10	5.0b,4.8s	225	4-145	
MOS	III	14 23 31 40.5-1.0	19.45N	108.94W	10	5.3b,4.8s	¶10603869		
BJI	III	14 23 31 40.7	19.70N	108.44W	14	5.7b,5.4s			
IDC	III	14 23 31 40.4-75	19.57N	109.17W	0	4.9,4.7			
ISCJB	III	14 23 31 41.2-32	19.49N--04	108.90W--03	10	5.0b,4.8s			
HRVD	III	14 23 31 42.3-30	19.67N	108.84W	21-1	5.4W,4.8s			
MEX	III	14 23 31 42.5-4.6	19.48N	108.94W	20-215	5.2,4.8s			
NEIC	III	14 23 31 42.3-38	19.43N	108.97W	10	5.2b,4.8s			
ISC Event type se.									
MOS	Error ellipse: s-maj=9.3km s-min=4.4km az=93.0.								
IDC	Error ellipse: s-maj=27.4km s-min=12.5km az=59.0.								
ISCJB									

IDC Error ellipse: s-maj=16.8km s-min=11.5km az=82.0.
 ISCJB Event type fe. Error ellipse: s-maj=4.7km s-min=4.2km az=3.4.
 MOS Error ellipse: s-maj=12.7km s-min=3.9km az=99.2.
 NEIC Event type fe. Error ellipse: s-maj=5.9km s-min=5.2km az=74.0. Felt [III] at Beira. Felt at Maputo and Matola. Also felt at Mbabane, Swaziland and Harare and Mutare, Zimbabwe. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. δT Moment tensor: Scale 1017Nm; M_{rr} -1.97 $M_{\theta\theta}$ 0.06 $M_{\phi\phi}$ 1.92 $M_{r\theta}$ 0.85 $M_{r\phi}$ 2.13 $M_{\theta\phi}$ 1.18 Best double couple: NP1: ϕ 178.00000°; λ 61.00000°; λ -46.00000°. NP2: ϕ 295.00000°; λ 142.00000°. Principal axes: T 3.3700,Plg6.0000°; Azm238.0000°; N -0.3000,Plg38.0000°; Azm333.0000°; P -3.0700,Plg52.0000°; Azm141.0000°; M3.20000°x1017 Moment Tensor Solution. Broadband fault plane solution: P waves: NP1: ϕ 78.00000°; λ 23.00000°. NP2: ϕ 185.00000°; λ 75.00000°. Principal axes: T 130.00000°; P 120.00000°; Azm304.0000°; N 10.00000°; Azm0.00000°; P 145.00000°; Azm55.00000°.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s83,c153; Mantle waves: s99,c200; Half duration: 1s5 Moment tensor: Scale 1017Nm; M_{rr} -1.75±0.04 $M_{\theta\theta}$ -0.36±0.04; $M_{\phi\phi}$ 2.11±0.04; $M_{r\theta}$ 0.88±0.11; $M_{r\phi}$ 1.65±0.04; $M_{\theta\phi}$ 0.90±0.11; Best double couple: NP1: ϕ 304.00000°; λ 52.00000°. NP2: ϕ 185.00000°; λ 81.00000°. Principal axes: T 2.9740,Plg5.0000°; Azm245.0000°; N -0.2690,Plg38.0000°; Azm339.0000°; P -2.7100,Plg52.0000°; Azm148.0000°; M2.84200°x1017.

(706) Northern Sumatera

ISC	III	16 15 12 16.9-19	5.12N-03	94.78E-02	51	5.2b,4.5s	462	5-160
SZGRF	III	16 15 12 11.4	4.70N	95.14E	33	5.4b,5.5s		¶10604856
MOS	III	16 15 12 13.4-89	5.25N	94.83E	33	5.5b,4.7s		
ISCJB	III	16 15 12 14.6-19	5.08N-03	94.78E-02	49	5.2b,4.5s		
BJI	III	16 15 12 14.7	4.99N	94.73E	59	5.3b,5.1b		
CRAAG	III	16 15 12 15.8	5.28N	94.83E		5.3b,5.1b		
HRVD	III	16 15 12 16.4-40	4.84N	94.64E	46-1	5.0W,5.1b		
IDC	III	16 15 12 16.5-53	5.09N	94.79E	52-4	4.9,4.7		
NEIC	III	16 15 12 16.4-14	5.07N	94.78E	50	5.3b,4.7		

ISC Event type se.
 SZGRF Northern Sumatera, Indonesia.
 MOS Error ellipse: s-maj=8.2km s-min=4.1km az=121.6.
 ISCJB Event type fe. Error ellipse: s-maj=4.8km s-min=3.5km az=12.3.
 HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s45,c66; Mantle waves: s64,c97; Half duration: 0 Moment tensor: Scale 1016 Nm; M_{rr} 3.43±20 $M_{\theta\theta}$ -1.71±13; $M_{\phi\phi}$ -1.72±16; $M_{r\theta}$ 2.01±11; $M_{r\phi}$ 1.93±11; $M_{\theta\phi}$ 1.20±12; Best double couple: NP1: ϕ 324.00000°; λ 89.00000°. NP2: ϕ 127.00000°; λ 82.00000°. Principal axes: T 4.1720,Plg72.0000°; Azm18.0000°; N 0.1440,Plg7.0000°; Azm131.0000°; P -4.3160,Plg16.0000°; Azm223.0000°; M4.24400°x1016.

IDC Error ellipse: s-maj=12.6km s-min=7.6km az=38.0.
 NEIC Event type fe. Error ellipse: s-maj=5.4km s-min=3.4km az=204.0. Felt [III] at Banda Aceh.

(203) Bismarck Sea

ISC	III	17 13 48 15.2-1.0	4.86S-03	149.86E-04	13-6	5.2b,5.1s	222	5-153
ISCJB	III	17 13 48 11.8-89	4.84S-03	149.77E-04	2-5	5.2b,5.1s		¶10605409
IDC	III	17 13 48 12.6-50	4.82S	149.85E	0	5.1,5.1		
CRAAG	III	17 13 48 12.6	4.84S	149.75E	0	5.4b,5.1		
CSEM	III	17 13 48 12.6	4.84S	149.75E	10	5.6L,5.1		
NEIC	III	17 13 48 16.6-3.0	4.82S	149.74E	23-21	5.5W,5.2b		
BJI	III	17 13 48 16.1	4.98S	149.68E	30	5.6b,5.3s		
HRVD	III	17 13 48 16.6-10	4.76S	149.81E	13	5.6W,5.3s		
MOS	III	17 13 48 17.2-1.2	4.78S	149.66E	33	5.4b,5.0s		

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=7.2km s-min=4.8km az=16.4.
 IDC Error ellipse: s-maj=18.8km s-min=12.0km az=85.0.
 NEIC Event type se. Error ellipse: s-maj=9.2km s-min=6.5km az=85.0. Moment Tensor Solution. s9 Moment tensor: Scale 1017Nm; M_{rr} -1.63 $M_{\theta\theta}$ 2.08 $M_{\phi\phi}$ 0.45 $M_{r\theta}$ 0.44 $M_{r\phi}$ 0.75 $M_{\theta\phi}$ 1.08 Best double couple: NP1: ϕ 256.00000°; λ 85.00000°. NP2: ϕ 134.00000°; λ 82.00000°. Principal axes: T 2.2900,Plg2.0000°; Azm15.0000°; N 0.1000,Plg33.0000°; Azm283.0000°; P -2.3900,Plg56.0000°; Azm107.0000°; M2.30000°x1017.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s78,c151; Mantle waves: s103,c214; Half duration: 1s6 Moment tensor: Scale 1017Nm; M_{rr} -1.52±0.05 $M_{\theta\theta}$ 3.66±0.04; $M_{\phi\phi}$ -2.14±0.05; $M_{r\theta}$ 0.65±0.11; $M_{r\phi}$ 1.42±0.04; $M_{\theta\phi}$ 0.54±0.14; Best double couple: NP1: ϕ 35.00000°; λ 67.00000°. NP2: ϕ 298.00000°; λ 75.00000°. Principal axes: T 4.0370,Plg5.0000°; Azm348.0000°; N -1.2110,Plg61.0000°; Azm87.0000°; P -2.8260,Plg28.0000°; Azm255.0000°; M3.43200°x1017.

MOS Error ellipse: s-maj=11.8km s-min=6.6km az=86.5.

(280) Banda Sea

ISC	III	17 14 21 37.3-16	5.16S-02	123.13E-04	14	5.4b,5.1s	271	9-166
IDC	III	17 14 21 34.7-38	5.13S	123.06E	0	5.1s,5.1		¶10605427
ISCJB	III	17 14 21 35.1-17	5.17S-03	123.14E-04	13	5.4b,5.1s		
HRVD	III	17 14 21 35.0-20	4.88S	123.27E	12	5.6W,5.1s		
NEIC	III	17 14 21 35.0-2.3	5.12S	123.11E	-14	5.5b,5.1s		
BJI	III	17 14 21 35.0	5.10S	123.10E	10	5.6b,5.3s		
MOS	III	17 14 21 39.6-1.1	5.06S	123.13E	43	5.7b,5.0s		

ISC Event type se.
 IDC Error ellipse: s-maj=15.8km s-min=9.8km az=47.0.
 ISCJB Event type se. Error ellipse: s-maj=5.5km s-min=3.1km az=130.8.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s81,c128; Mantle waves: s100,c209; Half duration: 1s5 Moment tensor: Scale 1017Nm; M_{rr} 1.24±0.04 $M_{\theta\theta}$ 1.53±0.03; $M_{\phi\phi}$ 2.77±0.04; $M_{r\theta}$ 0.83±0.10; $M_{r\phi}$ 0.93±0.03; $M_{\theta\phi}$ 1.58±0.10; Best double couple: NP1: ϕ 210.00000°; λ 42.00000°. NP2: ϕ 318.00000°; λ 75.00000°. Principal axes: T 2.2530,Plg4.0000°; Azm188.0000°; N 1.3250,Plg38.0000°; Azm330.0000°; P -3.5780,Plg20.0000°; Azm76.0000°; M2.91600°x1017.

NEIC Event type se. Error ellipse: s-maj=7.5km s-min=4.9km az=66.0.
 MOS Error ellipse: s-maj=10.7km s-min=6.4km az=108.4.

(173) Tonga Islands

ISC	III	17 19 46 13.0-25	15.42S-07	175.61W-05	15	5.3s,5.0b	174	4-177
IDC	III	17 19 46 07.2-72	16.00S	175.08W	0	5.2,5.2s		¶10605575
ISCJB	III	17 19 46 11.1-24	15.44S-07	175.63W-05	15	5.3s,5.0b		
HRVD	III	17 19 46 11.5-10	15.19S	175.12W	14-0	5.6W,5.0b		
NEIC	III	17 19 46 11.5-24	15.33S	175.73W	10	5.6W,5.3s		
BJI	III	17 19 46 12.0	15.30S	175.70W	10	5.5s,5.5b		
ORF	III	17 19 46 14.3	18.30S	174.42W	30	5.8b,5.5b		
MOS	III	17 19 46 18.6-2.0	14.42S	175.19W	33	5.3s,5.2b		

ISC Event type se.
 IDC Error ellipse: s-maj=34.0km s-min=15.2km az=154.0.
 ISCJB Event type se. Error ellipse: s-maj=11.1km s-min=5.8km az=122.4.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s90,c181; Mantle waves: s101,c222; Half duration: 1s6 Moment tensor: Scale 1017Nm; M_{rr} -0.23±0.04 $M_{\theta\theta}$ 1.89±0.04; $M_{\phi\phi}$ 1.65±0.05; $M_{r\theta}$ 0.17±0.09; $M_{r\phi}$ 1.1±0.04; $M_{\theta\phi}$ 0.5±0.09; Best double couple: NP1: ϕ 15.00000°; λ 88.00000°. NP2: ϕ 105.00000°; λ 89.00000°. Principal axes: T 3.7060,Plg3.0000°; Azm330.0000°; N -0.2400,Plg87.0000°; Azm134.0000°; P -3.4590,Plg1.0000°; Azm240.0000°; M3.58300°x1017.

NEIC Event type se. Error ellipse: s-maj=14.2km s-min=5.6km az=147.0. Moment Tensor Solution. s11 Moment tensor: Scale 1017Nm; M_{rr} -0.21 $M_{\theta\theta}$ 0.2 $M_{\phi\phi}$ 0.19 $M_{r\theta}$ 0.41 $M_{r\phi}$ 0.35 $M_{\theta\phi}$ 0.47 Best double couple: NP1: ϕ 359.00000°; λ 83.00000°. NP2: ϕ 90.00000°; λ 82.00000°. Principal axes: T 3.2700,Plg10.0000°; Azm314.0000°; N -0.3200,Plg80.0000°; Azm139.0000°; P -2.9500,Plg1.0000°; Azm44.0000°; M3.10000°x1017.

MOS Error ellipse: s-maj=13.7km s-min=9.1km az=72.7.

(222) East of Kuril Islands

ISC	III	18 10 38 56.5-74	45.8N-10	153.2E-10	35	3.5b	54	4-69
NIED	III	18 10 38 00	46.60N	152.90E	8	3.8W		¶10605900
ISCJB	III	18 10 38 54.3-79	45.7N-10	153.22E-10	33	3.5b		
JMA	III	18 10 38 55.1-60	46.58N	152.93E	30	4.7		
MOS	III	18 10 38 57.0-1.6	46.09N	152.97E	84	3.8b		
SKHL	III	18 10 38 58.5-1.8	45.70N	153.00E	57-23	5.5b		
IDC	III	18 10 38 59.1-3.8	46.12N	152.92E	79-53	3.9,3.8L		

NIED Moment Tensor Solution. Best double couple: NP1: ϕ 237.00000°; λ 76.00000°. NP2: ϕ 141.00000°; λ 165.00000°. M5.64000°x1014.

ISCJB Error ellipse: s-maj=19.3km s-min=6.8km az=132.7.
 JMA Error ellipse: s-maj=7.8km s-min=6.9km az=1.0.
 MOS Error ellipse: s-maj=33.4km s-min=17.0km az=145.2.
 IDC Error ellipse: s-maj=100.3km s-min=27.3km az=161.0.

(706) Northern Sumatera

ISC	III	19 04 24 32.9-16	4.12N-03	96.05E-02	49	5.3b,4.5s	530	3-160
MOS	III	19 04 24 29.0-80	4.23N	96.15E	33	5.5b,4.7s		¶10606334
CRAAG	III	19 04 24 29.2	4.21N	96.17E		5.4b,4.7s		
BJI	III	19 04 24 29.2	3.89N	95.74E	48	5.4b,5.2b		
ISCJB	III	19 04 24 30.8-16	4.12N-03	96.08E-02	48	5.3b,4.5s		
IDC	III	19 04 24 31.9-48	4.09N	96.09E	46-4	5.2,5.0b		
NEIC	III	19 04 24 32.5-11	4.13N	96.05E	49	5.3b,5.0b		
SZGRF	III	19 04 24 32.7	4.52N	96.62E	50	5.2b,5.0b		
HRVD	III	19 04 24 32.5-40	3.84N	95.96E	57-2	5.2W,5.0b		

ISC Event type fe.
 MOS Error ellipse: s-maj=8.4km s-min=4.1km az=122.4.
 ISCJB Event type fe. Error ellipse: s-maj=4.3km s-min=3.2km az=37.0.
 IDC Error ellipse: s-maj=11.5km s-min=8.4km az=40.0.
 NEIC Event type fe. Error ellipse: s-maj=5.1km s-min=2.8km az=214.0. Felt [V] at Meulaboh and [IV] at Banda Aceh and Takengon.

SZGRF Northern Sumatera, Indonesia.
 HRVD Error ellipse: s-maj=2.2km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s35,c53; Mantle waves: s48,c76; Half duration: 0 Moment tensor: Scale 1016 Nm; M_{rr} 3.52±32 $M_{\theta\theta}$ -0.79±23; $M_{\phi\phi}$ 2.72±27; $M_{r\theta}$ 0.14±18; $M_{r\phi}$ 0.76±22; $M_{\theta\phi}$ 4.80±25; Best double couple: NP1: ϕ 291.00000°; λ 34.00000°. NP2: ϕ 170.00000°; λ 71.00000°. Principal axes: T 6.5630,Plg54.0000°; Azm116.0000°; N 0.6110,Plg27.0000°; Azm340.0000°; P -7.1670,Plg21.0000°; Azm239.0000°; M6.86500°x1016.

(153) South Sandwich Islands region

ISC	III	19 04 31 53.0-26	58.04S-05	25.3W-10	39	5.3b,5.0s	74	7-156
ISCJB	III	19 04 31 51.2-27	57.98S-05	25.2W-10	37	5.3b,5.0s		¶10606352
IDC	III	19 04 31 52.5-2.6	57.95S	25.38W	33-19	5.2L,5.1		
NEIC	III	19 04 31 55.2-96	58.05S	25.26W	58-8	5.4b,5.1		
HRVD	III	19 04 31 55.2-20	58.15S	24.77W	38-0	5.5W,5.1		
BJI	III	19 04 31 56.2	58.10S	25.30W	58	6.0s,5.7b		

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=9.4km s-min=5.7km az=107.5.
 IDC Error ellipse: s-maj=13.5km s-min=10.2km az=20.0.
 NEIC Event type se. Error ellipse: s-maj=8.2km s-min=5.5km az=224.0.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s65,c16; Mantle waves: s75,c128; Half duration: 1s4 Moment tensor: Scale 1017Nm; M_{rr} 1.98±0.07 $M_{\theta\theta}$ 0.06±0.05; $M_{\phi\phi}$ 2.04±0.05; $M_{r\theta}$ 0.12±0.05; $M_{r\phi}$ 0.36±0.03; $M_{\theta\phi}$ 0.79±0.05; Best double couple: NP1: ϕ 170.00000°; λ 34.00000°. NP2: ϕ 351.00000°; λ 56.00000°. Principal axes: T 2.1310,Plg9.0000°; Azm263.0000°; N 0.1220,Plg0.0000°; Azm171.0000°; P -2.2490,Plg11.0000°; Azm81.0000°; M2.19000°x1017.

(185) Vanuatu Islands region

ISC	III	19 04 36 58.4-1.1	13.53S-04	172.46E-03	45-9	5.6b,5.4s	240	6-173
NEIC	III	19 04 36 52.9-12	13.43S	172.39E	10	5.8W,5.7b		¶10606361
HRVD	III	19 04 36 52.9-10	13.45S					

Table with columns for station name, depth, time, magnitude, distance, and other parameters. Includes stations like MOS, HRVD, NEIC, ISC, SZGRF, and ISCB.

ISC Event type se. Error ellipse: s-maj=3.7km s-min=3.6km az=73.1.
New Britain, Papua New Guinea region.
Error ellipse: s-maj=14.5km s-min=10.6km az=102.0.

(192) New Britain region
ISC III 20 14 35 02.1-20 5.89S-03 151.27E-04 25 5.2b,4.7s 185 5-156
ISCJB III 20 14 35 00.1-20 5.89S-03 151.22E-04 24 5.2b,4.7s 110607254

ISC Event type se. Error ellipse: s-maj=5.4km s-min=4.8km az=53.7.
ISCJB Error ellipse: s-maj=12.9km s-min=9.5km az=107.0.
NEIC Event type se. Error ellipse: s-maj=4.8km s-min=4.2km az=123.0.

(170) Pakistan
ISC III 20 17 40 46.0-10 34.83N-02 73.76E-02 17 5.4b,4.7s 829 1-151
SZGRF III 20 17 40 40.1 34.32N 74.95E 33 5.4b,4.4s 110607349

ISC Event type se. Error ellipse: s-maj=9.4km s-min=4.1km az=31.0.
LDG Error ellipse: s-maj=2.6km s-min=1.9km az=68.2.
ISCJB Event type fe. Error ellipse: s-maj=3.5km s-min=2.0km az=203.0.

ISC III 21 14 37 34.3-47 5.35N-06 127.05E-09 35 4.3b 42 2-123
ISCJB III 21 14 37 32.3-47 5.32N-06 127.03E-09 33 4.3b 110607883
NEIC III 21 14 37 34.5-1.3 5.37N 126.79E 38-12 4.6b

(581) Mozambique
ISC III 22 11 35 12.9-20 21.40S-03 33.07E-04 10 5.0s,4.8b 231 4-153
ISCJB III 22 11 35 11.0-20 21.40S-04 33.07E-04 10 5.0s,4.8b 110608408

ISC Event type se. Error ellipse: s-maj=14.9km s-min=4.9km az=111.9.
NEIC Event type se. Error ellipse: s-maj=18.3km s-min=6.5km az=73.0.
ISC Error ellipse: s-maj=36.4km s-min=13.5km az=70.0.

(410) Southern Mid-Atlantic Ridge
ISC III 22 15 07 53.9-37 14.11S-08 14.36W-07 10 4.4b,4.2s 42 23-147
ISCJB III 22 15 07 51.6-37 14.13S-08 14.37W-07 10 4.4b,4.2s 110608545

(178) Kermadec Islands
ISC III 23 03 25 27.0-23 30.38S-05 177.87W-06 56 5.1b,4.5s 148 1-167
MOS III 23 03 25 23.9-1.7 30.08S 177.81W 33 5.3b,4.5s 110608866

Table with columns for station name, depth, time, magnitude, distance, and other parameters. Includes stations like HRVD, NEIC, ISC, MOS, IDC, ISCB, and HRVD.

ISC Event type se. Error ellipse: s-maj=13.3km s-min=9.6km az=75.5.
IDC Error ellipse: s-maj=13.6km s-min=12.8km az=149.0.
ISCJB Error ellipse: s-maj=8.5km s-min=4.9km az=63.0.

(248) Philippine Islands region
ISC III 23 11 21 53.1-57 20.06N-03 121.31E-07 54-7 4.1b,3.6s 43 2-87
NIED III 23 11 21 00 20.30N 121.70E 5 4.0W,3.6s 110609039

ISC Event type se. Error ellipse: s-maj=48.9km s-min=10.5km az=95.1.
IDC Error ellipse: s-maj=23.1km s-min=13.7km az=73.0.
ISCJB Event type se. Error ellipse: s-maj=11.8km s-min=5.8km az=1.0.

(200) Near north coast of New Guinea
ISC III 24 12 27 10.7-16 3.26S-02 143.21E-03 50 5.8s,5.7b 336 7-158
IDC III 24 12 27 03.2-37 3.28S 143.04E 0 5.6s,5.6 110609628

ISC Event type se. Error ellipse: s-maj=11.9km s-min=6.8km az=104.0.
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0.
nsta2 refers to surface/mantle waves, cutoff=50s.

ISC III 24 17 46 54.9-15 16.86S-03 174.50E-03 41 5.6s,5.6b 289 6-172
BJI III 24 17 46 47.7 16.88S 175.08E 15 5.8s,5.6b 110609759
LDG III 24 17 46 48.6-17 17.22S 174.63E 10-0 5.5s,5.4b

ISC Event type se. Error ellipse: s-maj=19.5km s-min=3.5km az=137.0.
IDC Error ellipse: s-maj=11.2km s-min=10.3km az=167.0.
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0.

ISC III 25 07 28 56.6-11 27.55N-02 55.66E-01 10 5.6s,5.6b 1576 0-169
TEH III 25 07 28 07.7 27.45N 55.44E 22 6.0L,5.6b 110610141
OMAN III 25 07 28 28.3-8.4 29.60N 54.72E 20-0 6.0L,5.6b

ISC Event type se. Error ellipse: s-maj=7.7km s-min=7.4km az=61.3.
NEIC Event type se. Error ellipse: s-maj=7.6km s-min=4.8km az=155.0.

ISC III 25 07 28 59.7-17 27.57N 55.69E 18 5.9W,5.5b
CSEMI III 25 07 28 58.9-04 27.50N 55.56E 40 5.9W,5.7b
CRAAG III 25 07 28 58.9 27.78N 55.74E 4 5.7b,5.7s

(353) Southern Iran
ISC III 25 07 28 59.7 27.63N 55.57E 33 5.6b,5.6s
ISC Event type de.

OMAN Error ellipse: s-maj=91.8km s-min=15.9km az=170.0.
 IDC Error ellipse: s-maj=6.4km s-min=5.7km az=101.0.
 ISCJB Event type de. Error ellipse: s-maj=2.5km s-min=1.6km az=31.6.
 MOS Error ellipse: s-maj=5.1km s-min=2.5km az=127.4.
 THR Error ellipse: s-maj=2.6km s-min=1.5km az=1.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s100.c201; Mantle waves: s99.c316; Half duration: 2s1 Moment tensor: Scale 1017Nm; Mr:0.56±0.1 M_{rr}:0.71±0.1; M_{θθ}:0.15±0.1; M_{φφ}:0.44±0.1; M_{φθ}:0.06±0.1; Best double couple: NP1:φ:269.00000°, δ:28.00000°, λ:83.00000°. NP2:φ:97.00000°, δ:63.00000°, λ:93.00000°. Principal axes: T 0.7020,Plg72.0000°, Azm15.0000°; N 0.1560,Plg3.0000°, Azm275.0000°; P -0.8580,Plg72.0000°, Azm184.0000° M₀:7.8000×10¹⁸

NEIC Event type de. Error ellipse: s-maj=4.7km s-min=2.8km az=18.0. One person killed and one person injured at Fin. Damage to homes in Hormozgan Province. Felt at Bandar-e Abbas. Also felt at Abu Dhabi, Dubai, Ra's al Khaymah and Sharjah, United Arab Emirates. Depth from synthetics of broadband displacement seismograms. Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism. Moment Tensor Solution. s34 Moment tensor: Scale 1017Nm; Mr:5.49 M_{rr}:5.40 M_{θθ}:0.08 M_{φφ}:0.17 M_{φθ}:0.58 M_{φr}:1.49 Best double couple: NP1:φ:290.00000°, δ:48.00000°, λ:109.00000°. NP2:φ:83.00000°, δ:45.00000°, λ:70.00000°. Principal axes: T 5.8600,Plg76.0000°, Azm269.0000°; N -0.3900,Plg14.0000°, Azm97.0000°; P -5.4800,Plg2.0000°, Azm7.0000° M₀:5.70000×10¹⁷

CSEM Event type ke. Error ellipse: s-maj=1.5km s-min=1.2km az=22.0.
 SZGRF Southern Iran.

(353) Southern Iran

ISC	III	25 09 55 13.7-12	27.58N-02	55.77E-02	16	5.2b,5.0s	1032	0-169
BJI	III	25 09 55 06.3	27.67N	55.07E	10	5.4s,5.4b		¶10610223
TEH	III	25 09 55 10.1	27.51N	55.72E	18	5.4L,5.4b		
ISCJB	III	25 09 55 11.6-12	27.53N-02	55.74E-02	15	5.2b,5.0s		
MOS	III	25 09 55 11.7-1.0	27.60N	55.74E	17	5.5b,5.0s		
HRVD	III	25 09 55 12.4-20	27.48N	55.68E	12	5.5W,5.0s		
NEIC	III	25 09 55 12.4-20	27.54N	55.78E	10	5.5W,5.4		
CRAAG	III	25 09 55 13.3	27.82N	56.10E	5	5.4b,5.4		
CSEM	III	25 09 55 13.7	27.60N	55.87E	30	5.5L,5.4		
SFS	III	25 09 55 14.0	27.17N	55.09E	0	5.3L,5.4		
THR	III	25 09 55 16.0-83	27.62N	56.02E	16-0	5.1L,5.4		
IDC	III	25 09 55 16.4-1.8	27.65N	55.69E	38-15	5.0s,5.0		
OMAN	III	25 09 55 18.8	27.33N	55.94E	77-7	5.0s,5.0		
SZGRF	III	25 09 55 18.1	27.82N	55.54E	33	5.2b,4.9s		

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=2.7km s-min=1.9km az=38.0.
 MOS Error ellipse: s-maj=5.4km s-min=2.7km az=126.5.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s92.c155; Mantle waves: s102.c217; Half duration: 1s4 Moment tensor: Scale 1017Nm; Mr:1.84±0.03 M_{rr}:2.13±0.03; M_{θθ}:0.29±0.03; M_{φφ}:0.75±0.09; M_{φθ}:0.30±0.03; M_{φr}:0.12±0.09; Best double couple: NP1:φ:276.00000°, δ:35.00000°, λ:89.00000°. NP2:φ:98.00000°, δ:85.00000°, λ:91.00000°. Principal axes: T 1.9800,Plg80.0000°, Azm12.0000°; N 0.3290,Plg1.0000°, Azm277.0000°; P -2.3070,Plg10.0000°, Azm187.0000° M₀:1.4400×10¹⁷

NEIC Event type se. Error ellipse: s-maj=5.2km s-min=3.3km az=197.0. Moment Tensor Solution. s10 Moment tensor: Scale 1017Nm; Mr:2.01 M_{rr}:1.88 M_{θθ}:0.13 M_{φφ}:0.37 M_{φθ}:0.59 M_{φr}:0.15 Best double couple: NP1:φ:288.00000°, δ:51.00000°, λ:91.00000°. NP2:φ:106.00000°, δ:89.00000°, λ:88.00000°. Principal axes: T 2.0500,Plg84.0000°, Azm207.0000°; N 0.0500,Plg1.0000°, Azm107.0000°; P -2.1000,Plg6.0000°, Azm17.0000° M₀:2.10000×10¹⁷

THR Error ellipse: s-maj=3.4km s-min=3.4km az=1.0.
 IDC Error ellipse: s-maj=9.5km s-min=8.6km az=144.0.
 OMAN Error ellipse: s-maj=207.9km s-min=11.8km az=350.0.
 SZGRF Southern Iran.

(353) Southern Iran

ISC	III	25 10 00 35.8-12	27.61N-02	55.72E-02	10	5.3b,5.0s	926	0-134
TEH	III	25 10 00 35.8-12	27.61N-02	55.72E-02	10	5.3b,5.0s		¶10610226
OMAN	III	25 10 00 19.8	28.91N	55.30E	31-0	5.2L,5.0s		
SFS	III	25 10 00 20.0	28.85N	57.00E	0	5.4L,5.0s		
SZGRF	III	25 10 00 31.8	27.31N	56.83E	33	5.3b,5.0s		
ISCJB	III	25 10 00 34.0-13	27.60N-02	55.71E-02	10	5.3b,5.0s		
CSEM	III	25 10 00 35.6-05	27.59N	55.71E	23	5.4b,5.2W		
HRVD	III	25 10 00 36.6-50	27.41N	55.66E	12	5.2W,5.2W		
BJI	III	25 10 00 36.6	27.50N	55.80E	15	5.3s,5.3b		
NEIC	III	25 10 00 36.6	27.47N	55.80E	15	5.5b,5.2		
MOS	III	25 10 00 37.0-89	27.59N	55.74E	33	5.5b,5.2		
THR	III	25 10 00 37.0-87	27.47N	55.79E	15-0	5.0L,5.2		
CRAAG	III	25 10 00 38.2	27.62N	55.73E	5	5.5b,5.2		
BGS	III	25 10 00 38.1-1.6	27.19N	55.35E	33-0	5.4b,5.2		
IDC	III	25 10 00 39.5-1.3	27.56N	55.75E	39-11	5.1,5.0		

ISC Event type ke.
 OMAN Error ellipse: s-maj=129.9km s-min=26.3km az=346.0.
 SZGRF Southern Iran.
 ISCJB Event type ke. Error ellipse: s-maj=3.0km s-min=2.0km az=37.9.
 CSEM Event type ke. Error ellipse: s-maj=2.2km s-min=1.5km az=20.0.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s41.c56; Mantle waves: s83.c139; Half duration: 1s0 Moment tensor: Scale 1017Nm; Mr:0.62±0.02 M_{rr}:0.72±0.02; M_{θθ}:0.09±0.02; M_{φφ}:0.39±0.07; M_{φθ}:0.14±0.02; M_{φr}:0.20±0.08; Best double couple: NP1:φ:267.00000°, δ:30.00000°, λ:70.00000°. NP2:φ:110.00000°, δ:62.00000°, λ:101.00000°. Principal axes: T 0.7610,Plg71.0000°, Azm45.0000°; N 0.0990,Plg10.0000°, Azm284.0000°; P -0.8600,Plg16.0000°, Azm192.0000° M₀:8.1000×10¹⁷

NEIC Event type se. After THR.
 MOS Error ellipse: s-maj=5.6km s-min=2.7km az=128.9.
 THR Error ellipse: s-maj=8.4km s-min=4.6km az=1.0.
 BGS Error ellipse: s-maj=515.2km s-min=414.0km az=31.0.
 IDC Error ellipse: s-maj=9.8km s-min=8.6km az=27.0.

(169) Samoa Islands region

ISC	III	27 00 04 45.9-28	16.23S-07	172.43W-05	38	4.8b,4.6s	100	2-174
IDC	III	27 00 04 39.4-62	16.15S	172.53W	0	4.7,4.5		¶10611332
ISCJB	III	27 00 04 43.9-28	16.25S-07	172.45W-05	36	4.8b,4.6s		
NEIC	III	27 00 04 45.8-28	16.10S	172.56W	35	4.9b,4.6s		
BJI	III	27 00 04 45.5	15.53S	171.96W	38	5.5b,5.1s		
SZGRF	III	27 00 04 47.0	16.14S	175.56W	33	5.5b,5.1s		
MOS	III	27 00 04 48.0-1.4	15.15S	172.61W	33	5.2b,5.1s		

ISC Event type se.
 IDC Error ellipse: s-maj=28.8km s-min=16.0km az=133.0.
 ISCJB Event type se. Error ellipse: s-maj=10.4km s-min=6.7km az=129.0.
 NEIC Event type se. Error ellipse: s-maj=14.8km s-min=7.3km az=141.0.
 SZGRF Tonga Islands.
 MOS Error ellipse: s-maj=19.3km s-min=10.5km az=64.9.

(406) Central Mid-Atlantic Ridge

ISC	III	27 01 10 32.5-22	7.12N-04	34.18W-03	10	5.0b,4.8s	393	13-152
ISC	III	27 01 10 30.2-23	7.10N-04	34.18W-03	10	5.0b,4.8s		¶10611356
MOS	III	27 01 10 30.3-88	7.13N	34.22W	10	5.3b,4.7s		
IDC	III	27 01 10 30.1-46	7.18N	34.17W	0	4.8s,4.8		
CSEM	III	27 01 10 31.1	7.19N	34.23W	10	5.5L,4.8		
SZGRF	III	27 01 10 31.0	7.35N	35.51W	33	4.9b,4.6s		
NEIC	III	27 01 10 32.1-19	7.08N	34.22W	10	5.2b,4.8s		
BJI	III	27 01 10 32.1	7.10N	34.20W	10	5.5b,5.3s		
HRVD	III	27 01 10 32.1-20	7.22N	34.24W	18-0	5.5W,5.3s		

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=6.8km s-min=3.6km az=137.5.
 MOS Error ellipse: s-maj=7.7km s-min=4.1km az=57.5.
 IDC Error ellipse: s-maj=14.9km s-min=10.4km az=146.0.
 SZGRF Central Mid-Atlantic Ridge.
 NEIC Event type se. Error ellipse: s-maj=5.6km s-min=3.1km az=159.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s86.c166; Mantle waves: s102.c218; Half duration: 1s3 Moment tensor: Scale 1017Nm; Mr:-0.01±0.03 M_{rr}:0.05±0.03; M_{θθ}:0.04±0.03; M_{φφ}:0.36±0.07; M_{φθ}:1.82±0.03; M_{φr}:0.18±0.07; Best double couple: NP1:φ:359.00000°, δ:79.00000°, λ:5.00000°. NP2:φ:20.00000°, δ:85.00000°, λ:169.00000°. Principal axes: T 1.8350,Plg4.0000°, Azm224.0000°; N 0.0550,Plg78.0000°, Azm114.0000°; P -1.8910,Plg11.0000°, Azm315.0000° M₀:1.86300×10¹⁷

(236) Shikoku

ISC	III	27 02 50 27.8-13	32.63N-02	131.94E-02	47	5.3s,5.2b	581	0-163
NIED	III	27 02 50 00	32.60N	132.20E	35	5.5W,5.2b		¶10611404
BJI	III	27 02 50 22.3	32.36N	132.46E	44	5.6b,5.5s		
MOS	III	27 02 50 24.5-1.1	32.57N	131.77E	34	5.6b,5.4b		
ISCJB	III	27 02 50 25.8-13	32.57N-02	131.95E-02	45	5.3s,5.2b		
CSEM	III	27 02 50 25.1	32.54N	131.78E	40	5.5L,5.2b		
JMA	III	27 02 50 26.3	32.60N	132.16E	35-1	5.5,5.2b		
HRVD	III	27 02 50 26.4-20	32.70N	132.02E	22-1	5.5W,5.2b		
NEIC	III	27 02 50 26.4	32.60N	132.16E	35	5.7s,5.5W		
IDC	III	27 02 50 27.3-40	32.65N	132.19E	49-3	5.0s,5.0		
SZGRF	III	27 02 50 27.9	33.23N	133.20E	48	5.8s,5.2b		

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:206.00000°, δ:88.00000°, λ:88.00000°. NP2:φ:341.00000°, δ:4.00000°, λ:135.00000°. M₀:2.12000×10¹⁷
 Error ellipse: s-maj=7.2km s-min=4.0km az=106.4.
 MOS Event type fe. Error ellipse: s-maj=3.1km s-min=2.2km az=149.4.
 ISCJB Moment Tensor Solution. Broadband flat plane solution: P waves. NP1:φ:20.00000°, δ:33.00000°, λ:101.00000°. NP2:φ:213.00000°, δ:58.00000°, λ:83.00000°. Principal axes: T 1.930000°, Azm298.00000°; N 1.930000°, Azm29.00000°; P 1.930000°, Azm143.00000°
 JMA Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s69.c115; Mantle waves: s87.c174; Half duration: 1s4 Moment tensor: Scale 1017Nm; Mr:-0.09±0.03 M_{rr}:0.15±0.02; M_{θθ}:0.24±0.02; M_{φφ}:1.12±0.09; M_{φθ}:0.03±0.02; M_{φr}:1.99±0.15; Best double couple: NP1:φ:315.00000°, δ:5.00000°, λ:164.00000°. NP2:φ:209.00000°, δ:89.00000°, λ:85.00000°. Principal axes: T 2.3090,Plg44.0000°, Azm295.0000°; N -0.0310,Plg5.0000°, Azm29.0000°; P -2.2780,Plg46.0000°, Azm124.0000° M₀:2.29300×10¹⁷

NEIC Event type fe. Felt on Kyushu and Shikoku and in southwestern Honshu. Recorded [5L JMA] in Oita; [4 JMA] in Miyazaki; [3 JMA] in Fukuoka, Kumamoto and Saga; [2 JMA] in Nagasaki; [1 JMA] in Kagoshima Prefecture. Recorded [4 JMA] in Kochi, [3 JMA] in Ehime, [2 JMA] in Kagawa and [1 JMA] in Tokushima Prefecture. Shikoku. Recorded [2 JMA] in Hiroshima, Okayama, Shimane and Yamaguchi; [1 JMA] in Hyogo and Tottori Prefecture, Honshu. After JMA. Moment Tensor Solution. M₀:2.10000×10¹⁷
 IDC Error ellipse: s-maj=10.0km s-min=5.2km az=18.0.
 SZGRF Shikoku, Japan.

(123) Northern Chile

ISC	III	27 05 23 59.8-18	20.85S-03	69.53W-04	59	5.2b,4.3s	232	2-173
MOS	III	27 05 23 56.8-1.1	20.75S	69.47W	47	5.4b,4.3s		¶10611488
ISCJB	III	27 05 23 57.8-19	20.81S-03	69.49W-04	57	5.2b,4.3s		
HRVD	III	27 05 23 59.7-30	21.03S	69.81W	67-2	5.2W,4.3s		
BJI	III	27 05 23 59.9	20.80S	69.50W	57	5.7s,5.3s		
IDC	III	27 05 23 59.9-37	20.78S	69.54W	61-3	4.9,4.7		
NEIC	III	27 05 23 59.7-17	20.80S	69.47W	58	5.2b,4.7		

ISC Event type fe.
 MOS Error ellipse: s-maj=16.5km s-min=6.4km az=114.4.
 ISCJB Event type fe. Error ellipse: s-maj=5.8km s-min=4.0km az=164.3.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s56.c78; Mantle waves: s81.c135; Half duration: 1s0 Moment tensor: Scale 1017Nm; Mr:0.03±0.03 M_{rr}:0.78±0.03; M_{θθ}:0.75±0.04; M_{φφ}:0.26±0.02; M_{φθ}:0.17±0.03; M_{φr}:0.24±0.03; Best double couple: NP1:φ:321.00000°, δ:66.00000°, λ:178.00000°. NP2:φ:52.00000°, δ:88.00000°, λ:24.00000°. Principal axes: T 0.8600,Plg18.0000°, Azm279.0000°; N 0.0030,Plg6.0000°, Azm56.0000°; P -0.8630,Plg16.0000°, Azm184.0000° M₀:8.6200×10¹⁷

IDC Error ellipse: s-maj=15.0km s-min=5.7km az=73.0.
 NEIC Event type fe. Error ellipse: s-maj=6.9km s-min=4.1km az=62.0. Felt [IV] at Alto Hospicio and Iquique; [III] at Huara, Pica, Pisagua, Pozo Almonte and Tocopilla; [II] at Rio Loa.

(250) Mindoro

ISC	III	27 23 43 36.3-13	12.09N-02	121.41E-02	10	5.3b,5.3s	416	0-175
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(174) Tonga Islands region

ISC	III	29 15 58 22.8-19	23.03S-04	175.07W-05	27	5.2b,4.8s	169	7-170
IDC	III	29 15 58 18.5-40	22.90S	175.16W	0	5.1,5.1		¶10612955
ISCJB	III	29 15 58 21.0-19	23.06S-04	175.12W-05	25	5.2b,4.8s		
NEIC	III	29 15 58 22.4-17	22.96S	175.19W	25	5.4b,4.9s		
CSEM	III	29 15 58 22.5	23.09S	175.14W	33	5.5b,4.9s		
HRVD	III	29 15 58 22.4-20	23.16S	174.61W	12	5.2W,4.9s		
BJI	III	29 15 58 23.9	22.89S	174.77W	44	5.5b,5.3b		
MOS	III	29 15 58 23.3-15	22.86S	175.27W	33	5.6b,4.8s		

ISC Event type se.
 IDC Error ellipse: s-maj=16.1km s-min=14.1km az=144.0.
 ISCJB Event type se. Error ellipse: s-maj=7.5km s-min=4.8km az=83.6.
 NEIC Event type se. Error ellipse: s-maj=8.7km s-min=5.0km az=138.0.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s55,c78; Mantle waves: s81,c129; Half duration: 1s0 Moment tensor: Scale 10¹⁶Nm; Mr:0.97±0.10; Mw:0.71±0.10; Ms:3.56±0.28; M0:4.25±0.27; Best double couple: NP1:φ:23.0000°,δ:17.0000°,λ:105.0000°; NP2:φ:218.0000°,δ:874.0000°,λ:85.0000°. Principal axes: T 1.6270,Plg2.0000°,Az:305.0000°; N 0.1900,Plg4.0000°,Az:37.0000°; P -6.7160,Plg61.0000°,Az:135.0000°; M0.62200×10¹⁶

(174) Tonga Islands region

ISC	III	29 16 20 46.3-44	22.99S-08	175.24W-08	35	4.5b,4.2s	39	7-151
ISCJB	III	29 16 20 44.6-43	22.95S-08	175.31W-08	33	4.5b,4.2s		¶10612963
NEIC	III	29 16 20 44.7-39	22.87S	175.26W	25	4.8b,4.2s		
BJI	III	29 16 20 44.7	22.90S	175.30W	25	5.5s,5.3b		
IDC	III	29 16 20 50.7-2.6	22.89S	175.34W	75-22	4.4,4.3		

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.6km s-min=9.8km az=103.2.
 NEIC Event type se. Error ellipse: s-maj=13.3km s-min=9.2km az=143.0.
 IDC Error ellipse: s-maj=23.0km s-min=12.3km az=157.0.

(407) North of Ascension Island

ISC	III	30 03 14 41.0-28	1.30S-05	15.89W-05	10	4.9b,4.6s	249	13-144
SZGRF	III	30 03 14 26.9	3.38S	15.94W	28	5.1b,4.4s		¶10613206
IDC	III	30 03 14 38.9-55	1.23S	15.87W	0	4.6s,4.6		
ISCJB	III	30 03 14 39.1-28	1.29S-05	15.89W-05	10	4.9b,4.6s		
MOS	III	30 03 14 39.3-1.1	1.33S	15.88W	14	5.2b,4.5s		
HRVD	III	30 03 14 40.7-20	1.11S	15.98W	12	5.2W,4.5s		
BJI	III	30 03 14 40.7	1.30S	15.90W	10	5.7b,4.9s		
NEIC	III	30 03 14 40.7-31	1.31S	15.92W	10	5.0b,4.9s		

ISC Event type se.
 SZGRF North of Ascension Island.
 IDC Error ellipse: s-maj=18.2km s-min=13.7km az=118.0.
 ISCJB Event type se. Error ellipse: s-maj=8.6km s-min=5.8km az=81.3.
 MOS Error ellipse: s-maj=12.6km s-min=4.6km az=69.4.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s70,c111; Mantle waves: s93,c182; Half duration: 1s0 Moment tensor: Scale 10¹⁷Nm; Mr:0.71±0.01; Mw:0.01±0.1; Ms:0.70±0.1; M0:0.15±0.04; Mw:0.07±0.01; Mr:0.15±0.03; Best double couple: NP1:φ:184.0000°,δ:39.0000°,λ:74.0000°; NP2:φ:344.0000°,δ:852.0000°,λ:102.0000°. Principal axes: T 0.7270,Plg7.0000°,Az:83.0000°; N 0.0280,Plg10.0000°,Az:352.0000°; P -0.7550,Plg78.0000°,Az:206.0000°; M0.74100×10¹⁷

(347) Western Iran

ISC	III	31 01 17 02.6-09	33.58N-01	48.80E-01	15	5.9s,5.7b	1739	1-171
BGS	III	31 01 16 52.9	32.68N	49.48E	10	5.8b,5.7b		¶10614039
BJI	III	31 01 16 58.9	33.50N	48.80E	7	6.2s,5.8b		
CSEM	III	31 01 16 59.3-03	33.50N	48.73E	9	6.1W,5.9s		
ISCJB	III	31 01 17 00.4-10	33.51N-02	48.77E-01	14	5.9s,5.7b		
CRAAG	III	31 01 17 00.2	33.63N	48.76E	5	5.7b,5.7b		
OMAN	III	31 01 17 00.5-2.6	33.64N	48.79E	75-20	5.7b,5.7b		
NEIC	III	31 01 17 01.0-14	33.50N	48.78E	7	6.1L,6.0s		
HRVD	III	31 01 17 01.0-10	33.74N	48.73E	17-0	6.1W,6.0s		
PDA	III	31 01 17 01.2	33.58N	48.79E	7	5.7b,6.0s		
MOS	III	31 01 17 01.2-1.1	33.54N	48.74E	20	5.9b,5.9s		
THR	III	31 01 17 02.3-1.5	33.65N	48.91E	14-11	6.1L,5.9s		
SFS	III	31 01 17 02.0	33.58N	48.80E	10	5.7L,5.9s		
IGIL	III	31 01 17 02.7	33.60N	48.70E	25	5.9s,5.9s		
SZGRF	III	31 01 17 02.7	33.26N	48.66E	33	5.7s,5.6b		
IDC	III	31 01 17 04.0-1.2	33.74N	48.82E	23-7	5.8s,5.8		
TEH	III	31 01 17 04.1	33.48N	48.86E	18	6.0,5.8		

ISC Event type se.
 CSEM Event type ke.
 ISCJB Event type de. Error ellipse: s-maj=2.4km s-min=1.3km az=21.5.
 OMAN Error ellipse: s-maj=27.1km s-min=20.0km az=168.0.
 NEIC Event type de. Error ellipse: s-maj=3.9km s-min=1.8km az=190.0. At least 70 people killed, more than 1300 people injured and 40 villages completely destroyed in the Borujerd-Dorud area. Felt [VIII] at Borujerd and [IV] at Hamadan. Two subevents about 6 seconds apart. Depth from synthetics of broadband displacement seismograms. Energy computed from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s28 Moment tensor: Scale 10¹⁸Nm; Mr:0.00 Mw:0.00 Ms:0.00 M0:0.00 Mw:0.00 Mw:0.00 Best double couple: NP1:φ:44.0000°,δ:90.0000°,λ:36.0000°; NP2:φ:314.0000°,δ:854.0000°,λ:180.0000°. Principal axes: T 1.0200,Plg25.0000°,Az:275.0000°; N 0.0000,Plg54.0000°,Az:45.0000°; P -1.0200,Plg24.0000°,Az:173.0000°; M0.100000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:316.0000°,δ:840.0000°,λ:172.0000°; NP2:φ:220.0000°,δ:885.0000°,λ:50.0000°. Principal axes: T 1.6270,Plg29.0000°,Az:279.0000°; N 1.6900,Plg13.0000°,Az:177.0000°; P 1.6900,Plg13.0000°,Az:177.0000°

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s90,c206; Mantle waves: s96,c341; Half duration: 2s9 Moment tensor: Scale 10¹⁸Nm; Mr:0.33±0.01; Mw:1.50±0.01; Ms:1.83±0.01; M0:0.27±0.06; Mw:0.15±0.01; Mr:0.18±0.04; Best double couple: NP1:φ:313.0000°,δ:78.0000°,λ:174.0000°; NP2:φ:222.0000°,δ:884.0000°,λ:12.0000°. Principal axes: T 1.8490,Plg4.0000°,Az:268.0000°; N -0.2800,Plg77.0000°,Az:16.0000°; P -1.5690,Plg13.0000°,Az:177.0000°; M0.70900×10¹⁸

MOS Error ellipse: s-maj=4.5km s-min=2.1km az=131.9.
 THR Error ellipse: s-maj=7.8km s-min=5.5km az=-1.0. Moment Tensor Solution. NP1:φ:238.2500°,δ:73.7600°,λ:72.2700°

SZGRF Western Iran.
 IDC Error ellipse: s-maj=7.8km s-min=7.2km az=96.0.

(177) Kermadec Islands region

ISC	III	31 13 21 01.4-14	29.68S-03	176.82W-04	25	6.6s,5.7b	370	1-173
IDC	III	31 13 20 58.1-33	29.49S	176.82W	0	6.5s,6.5		¶10614459
ISCJB	III	31 13 20 59.5-14	29.78S-03	176.82W-04	23	6.6s,5.7b		
CRAAG	III	31 13 20 59.2	29.52S	176.63W	6	6.3b,5.7b		
HRVD	III	31 13 21 00.4-10	29.49S	176.41W	12	6.5W,5.7b		
NEIC	III	31 13 21 00.2-14	29.44S	176.77W	13	6.7s,6.5		
BJI	III	31 13 21 01.3	29.60S	176.80W	17	6.9b,6.6s		
MOS	III	31 13 21 04.7-2.6	29.16S	176.73W	33	6.6s,6.0b		

ISC Event type se.
 IDC Error ellipse: s-maj=13.8km s-min=8.9km az=179.0.
 ISCJB Event type se. Error ellipse: s-maj=5.7km s-min=2.8km az=76.6.
 HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s97,c240; Mantle waves: s99,c450; Half duration: 4s5 Moment tensor: Scale 10¹⁸Nm; Mr:4.92±0.02; Mw:0.25±0.02; Ms:4.67±0.02; M0:1.24±0.07; Mw:1.69±0.02; Mw:0.97±0.07; Best double couple: NP1:φ:205.0000°,δ:20.0000°,λ:101.0000°; NP2:φ:13.0000°,δ:870.0000°,λ:86.0000°. Principal axes: T 7.8020,Plg65.0000°,Az:277.0000°; N 0.2700,Plg4.0000°,Az:15.0000°; P -8.0750,Plg25.0000°,Az:106.0000°; M0.793800×10¹⁸

NEIC Event type se. Error ellipse: s-maj=7.2km s-min=4.3km az=144.0. Depth from synthetics of broadband displacement seismograms. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M0.100000×10¹⁹ Moment Tensor Solution. s23 Moment tensor: Scale 10¹⁸Nm; Mr:4.03 Mw:2.07; Mw:1.97; Mw:3.75; Mw:3.05; Mw:2.96; Mw:2.96 Best double couple: NP1:φ:51.0000°,δ:868.0000°,λ:95.0000°; NP2:φ:218.0000°,δ:822.0000°,λ:78.0000°. Principal axes: T 6.1000,Plg66.0000°,Az:329.0000°; N 0.9900,Plg4.0000°,Az:229.0000°; P -7.1000,Plg23.0000°,Az:137.0000°; M0.600000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:205.0000°,δ:5.0000°,λ:90.0000°; NP2:

φ:25.0000°,δ:85.0000°,λ:90.0000°. Principal axes: T Plg50.0000°,Az:295.0000°; N Plg0.0000°,Az:0.0000°; P Plg40.0000°,Az:115.0000°
 Error ellipse: s-maj=9.3km s-min=7.1km az=68.2.

(177) Kermadec Islands region

ISC	III	31 14 05 42.9-25	29.55S-06	176.75W-06	16	5.8s,5.1b	111	1-168
IDC	III	31 14 05 40.5-40	29.41S	176.72W	0	5.2s,5.2		¶10614490
ISCJB	III	31 14 05 41.4-25	29.51S-06	176.85W-06	15	5.8s,5.1b		
MOS	III	31 14 05 45.1-1.2	29.41S	176.79W	33	5.2b,5.1b		
BJI	III	31 14 05 45.7	28.90S	177.36W	16	6.0s,6.0b		
NEIC	III	31 14 05 46.5-1.4	29.43S	176.84W	40-11	5.1b,6.0b		

ISC Event type se.
 IDC Error ellipse: s-maj=17.0km s-min=14.2km az=11.0.
 ISCJB Event type se. Error ellipse: s-maj=9.7km s-min=7.4km az=115.8.
 MOS Error ellipse: s-maj=13.6km s-min=11.1km az=88.7.
 NEIC Event type se. Error ellipse: s-maj=10.3km s-min=6.8km az=144.0.

(177) Kermadec Islands region

ISC	III	31 15 43 54.0-2.8	29.80S-06	176.82W-07	8-17	5.2s,4.9b	44	1-163
IDC	III	31 15 43 51.8-84	29.86S	176.72W	0	4.6,4.5b		¶10614546
BJI	III	31 15 43 53.2	29.80S	176.70W	10	5.9b,5.2s		
HRVD	III	31 15 43 53.2-70	30.01S	176.43W	36-1	5.0W,5.2s		
NEIC	III	31 15 43 53.2-48	29.84S	176.75W	10	5.5b,5.2s		
ISCJB	III	31 15 43 55.1-3.6	29.90S-06	176.86W-09	26-25	5.2s,4.9b		
MOS	III	31 15 43 56.6-1.3	29.52S	176.84W	33	5.0b,4.9b		

ISC Event type se.
 IDC Error ellipse: s-maj=27.7km s-min=17.8km az=156.0.
 HRVD Error ellipse: s-maj=6.7km s-min=6.7km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s27,c28; Mantle waves: s33,c36; Half duration: 1s3 Moment tensor: Scale 10¹⁷Nm; Mr:1.92±0.17; Mw:0.16±0.11; Ms:1.76±0.13; M0:0.32±0.17; Mw:0.19±0.12; Mw:0.12±0.14; Best double couple: NP1:φ:345.0000°,δ:844.0000°,λ:77.0000°; NP2:φ:182.0000°,δ:847.0000°,λ:102.0000°. Principal axes: T 1.9730,Plg81.0000°,Az:165.0000°; N -0.1900,Plg9.0000°,Az:354.0000°; P -1.7830,Plg1.0000°,Az:264.0000°; M0.187800×10¹⁷

NEIC Event type se. Error ellipse: s-maj=12.2km s-min=8.9km az=155.0.
 ISCJB Event type se. Error ellipse: s-maj=12.7km s-min=10.6km az=31.8.
 MOS Error ellipse: s-maj=24.5km s-min=14.9km az=4.7.

(177) Kermadec Islands region

ISC	III	31 16 11 53.4-1.8	29.91S-04	176.74W-07	1-10	5.1b,4.8s	63	1-159
ISCJB	III	31 16 11 52.4-2.2	29.99S-04	176.71W-07	7-13	5.0b,4.8s		¶10614564
IDC	III	31 16 11 52.3-73	29.86S	176.68W	0	4.7,4.6		
BJI	III	31 16 11 53.7	29.59S	176.51W	13	5.7b,5.3s		
NEIC	III	31 16 11 54.1-38	29.83S	176.72W	10	5.1b,5.3s		
MOS	III	31 16 11 58.3-1.4	29.62S	176.92W	33	4.9b,5.3s		

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=9.8km s-min=6.5km az=23.3.
 IDC Error ellipse: s-maj=19.9km s-min=16.6km az=153.0.
 NEIC Event type se. Error ellipse: s-maj=12.3km s-min=9.1km az=136.0.
 MOS Error ellipse: s-maj=17.3km s-min=14.7km az=122.1.

(248) Philippine Islands region

ISC	III	31 17 51 25.4-30	19.77N-02	121.55E-04	57-3	4.4b,3.9s	158	2-175
NIED	III	31 17 51 20.0	20.10N	121.70E	41	4.5W,3.9s		¶10614596
MAN	III	31 17 51 18.0	20.23N	121.37E	55	5.9s,4.7L		
IDC	III	31 17 51 19.9-3.3	19.65N	121.53E	16-19	4.8L,4.4		
MOS	III	31 17 51 20.9-89	19.66N	121.58E	33	4.5b,4.4		
NEIC	III	31 17 51 23.8-77	19.66N	121.54E	46-7	4.4b,4.4		
ISCJB	III	31 17 51 23.8-34	19.78N-02	121.62E-04	58-4	4.4b,3.9s		
BJI	III	31 17 51 25.5	19.88N	121.20E	46	4.6b,4.3b		

ISC Event type se.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:189.0000°,δ:75.0000°,λ:96.0000°; NP2:φ:348.0000°,δ:816.0000°,λ:70.0000°; M0.390000×10¹⁵
 IDC Error ellipse: s-maj=24.0km s-min=11.5km az=78.0.
 MOS Error ellipse: s-maj=20.9km s-min=9.2km az=102.8.
 NEIC Event type se. Error ellipse: s-maj=9.4km s-min=4.9km az=83.0.
 ISCJB Event type se. Error ellipse: s-maj=6.0km s-min=2.8km az=36.1.

(248) Philippine Islands region

ISC	III	31 18 40 0.8-37	19.74N-02	121.47E-05	59-4	4.3b,3.7s	143	2-157
NEIC	III	31 18 39 57.3-29	19.63N	121.50E	10	4.4b,3.7s		¶10614622
BJI	III	31 18 40 0.2	20.03N	121.19E	10	4.6b,4.4b		
MOS	III	31 18 40 0.1-3-76	19.64N	121.56E	59	4.5b,4.4b		
ISCJB	III	31 18 40 0.2-44	19.75N-02	121.53E-05	60-5	4.3b,4.4b		
MAN	III							

(263) Talaud Islands									
ISC	III	31 21 14 45.8-13	3.80N-02	126.49E-03	44	5.8b,5.6s	635	3-169	
MOS	III	31 21 14 43.6-88	3.88N	126.36E	33	6.0b,5.7s		¶10614687	
ISCJB	III	31 21 14 43.8-13	3.76N-02	126.45E-03	42	5.8b,5.6s			
NEIC	III	31 21 14 45.2-11	3.80N	126.34E	37	6.2W,5.8			
BJI	III	31 21 14 45.5	4.16N	126.39N	31	5.9b,5.7s			
HRVD	III	31 21 14 47.2-10	4.07N	126.57E	50-0	6.1W,5.7s			
IDC	III	31 21 14 47.9-1.1	3.65N	126.34E	63-8	5.7,5.5			
ISC	Event type se. Error ellipse: s-maj=9.0km s-min=4.4km az=117.5.								
MOS	Event type se. Error ellipse: s-maj=4.4km s-min=2.7km az=129.1.								
ISCJB	Event type se. Error ellipse: s-maj=5.2km s-min=3.3km az=63.0. Felt [IV] at Kalongan. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s22 Moment tensor: Scale 10 ¹⁸ Nm; M ₁₁ -0.29; M ₂₂ 1.90; M ₃₃ -1.61; M ₁₂ 0.42; M ₁₃ 1.62; M ₂₃ 0.73; Best double couple: NP1:φ=292.0000°; λ=17.0000°; NP2:φ=25.0000°; λ=167.0000°; Principal axes: T 2.5400,Plg3.0000°; Azm339.0000°; N 0.0100,Plg70.0000°; Azm76.0000°; P -2.5600,Plg20.0000°; Azm248.0000°; M2.50000×10 ¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=24.0000°; λ=152.0000°; NP2:φ=280.0000°; λ=65.0000°; λ=30.0000°; Principal axes: T Plg1.0000°; Azm332.0000°; N Plg0.0000°; Azm0.0000°; P Plg38.0000°; Azm241.0000°								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s101,c227; Mantle waves: s98,c361; Half duration: 2.8 Moment tensor: Scale 10 ¹⁸ Nm; M ₁₁ -0.88±0.2; M ₂₂ 1.45±0.1; M ₃₃ 0.57±0.1; M ₁₂ 0.97±0.1; M ₁₃ 0.56±0.2; Best double couple: NP1:φ=32.0000°; λ=152.0000°; NP2:φ=283.0000°; λ=68.0000°; λ=42.0000°; Principal axes: T 1.9230,Plg10.0000°; Azm341.0000°; N -0.1810,Plg44.0000°; Azm81.0000°; P -1.7440,Plg44.0000°; Azm241.0000°; M1.83400×10 ¹⁸								
IDC	Error ellipse: s-maj=12.6km s-min=6.7km az=69.0.								
ISC	(177) Kermadec Islands region								
ISC	IV	01 03 40 51.2-1.4	29.58S-06	177.90W-10	49-10	4.8b,4.5s	48	1-164	
BJI	IV	01 03 40 45.9	29.00S	176.90W	10	5.5b,5.2s		¶1828615	
NEIC	IV	01 03 40 45.9-43	29.03S	176.94W	10	4.8b,5.2s			
HRVD	IV	01 03 40 45.9-30	29.32S	176.68W	17-1	5.1W,5.2s			
MOS	IV	01 03 40 48.1-1.4	29.97S	176.77W	33	4.8b,5.2s			
ISCJB	IV	01 03 40 50.0-1.5	29.67S-06	177.07W-10	55-10	4.8b,4.5s			
IDC	IV	01 03 40 53.2-1.6	29.15S	177.12W	61-11	4.4s,4.4			
ISC	Event type se. Error ellipse: s-maj=15.8km s-min=11.2km az=136.0.								
NEIC	Event type se. Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s30,c44; Mantle waves: s60,c85; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₁₁ 3.68±2.2; M ₂₂ 0.49±1.7; M ₃₃ 3.18±1.6; M ₁₂ 2.94±4.9; M ₁₃ 1.35±1.1; M ₂₃ 2.33±4.0; Best double couple: NP1:φ=187.0000°; λ=158.0000°; NP2:φ=42.0000°; λ=86.0000°; λ=105.0000°; Principal axes: T 5.4630,Plg64.0000°; Azm336.0000°; N -0.3870,Plg14.0000°; Azm216.0000°; P -5.0690,Plg22.0000°; Azm121.0000°; M1.26600×10 ¹⁶								
MOS	Error ellipse: s-maj=20.7km s-min=13.8km az=167.0.								
ISCJB	Event type se. Error ellipse: s-maj=17.6km s-min=8.7km az=26.2.								
IDC	Error ellipse: s-maj=24.9km s-min=20.7km az=116.0.								
ISC	(177) Kermadec Islands region								
ISC	IV	01 04 54 56.5-2.3	29.56S-07	176.9W-20	40-16	4.8b,4.5s	34	1-164	
BJI	IV	01 04 54 48.9	29.40S	176.90W	10	5.5b,5.3s		¶10697433	
IDC	IV	01 04 54 50.3-88	29.29S	176.83W	0	4.6b,4.6			
NEIC	IV	01 04 54 51.9-49	29.42S	176.88W	10	4.7b,4.6			
MOS	IV	01 04 54 55.5-1.2	29.41S	177.09W	33	5.0b,4.6			
ISCJB	IV	01 04 54 57.3-2.0	29.67S-06	177.1W-20	58-12	4.8b,4.5s			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	(177) Kermadec Islands region								
ISC	IV	01 05 15 32.2-18	29.80S-03	177.13W-04	25	5.3s,5.3b	196	1-173	
BJI	IV	01 05 15 28.7	29.33S	176.82W	11	5.8b,5.5s		¶18197916	
NEIC	IV	01 05 15 29.9-13	29.62S	177.14W	10	5.4s,5.3b			
HRVD	IV	01 05 15 29.9-10	29.57S	176.67W	17-0	5.7W,5.3b			
ISCJB	IV	01 05 15 30.4-18	29.87S-03	177.15W-04	23	5.3s,5.3b			
SZGRF	IV	01 05 15 31.2	30.02S	176.66W	33	5.6b,5.3b			
MOS	IV	01 05 15 32.4	29.60S	177.32W	33	5.7L,5.3b			
ISC	IV	01 05 15 33.0-96	29.50S	177.17W	33	5.5b,5.3s			
IDC	IV	01 05 15 35.1-1.2	29.51S	177.11W	45-9	5.3s,5.3			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=6.7km s-min=4.8km az=147.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s83,c159; Mantle waves: s93,c239; Half duration: 1.6 Moment tensor: Scale 10 ¹⁷ Nm; M ₁₁ 2.43±0.4; M ₂₂ 0.13±0.3; M ₃₃ 2.31±0.3; M ₁₂ 0.50±0.8; M ₁₃ 0.73±0.2; M ₂₃ 2.87±1.1; Best double couple: NP1:φ=203.0000°; λ=100.0000°; NP2:φ=142.0000°; λ=87.0000°; λ=86.0000°; Principal axes: T 3.7870,Plg65.0000°; Azm275.0000°; N 0.0710,Plg4.0000°; Azm13.0000°; P -3.8660,Plg25.0000°; Azm105.0000°; M1.82700×10 ¹⁷								
ISCJB	Event type se. Error ellipse: s-maj=4.8km s-min=4.1km az=49.3.								
SZGRF	Kermadec Islands region.								
MOS	Error ellipse: s-maj=10.9km s-min=9.9km az=97.3.								
IDC	Error ellipse: s-maj=15.8km s-min=12.4km az=10.0.								
ISC	(177) Kermadec Islands region								
ISC	IV	01 05 49 18.9-53	29.85S-07	176.78W-09	35	4.7b,4.6s	30	1-163	
IDC	IV	01 05 49 13.8-65	29.77S	176.81W	0	4.6,4.6s		¶1828621	
NEIC	IV	01 05 49 15.1-32	29.82S	176.80W	10	4.7b,4.6s			
BJI	IV	01 05 49 15.1	29.80S	176.80W	10	5.6b,5.1s			
HRVD	IV	01 05 49 15.1-50	29.26S	176.44W	23-1	5.1W,5.1s			
ISCJB	IV	01 05 49 17.0-55	29.93S-06	176.80W-09	33	4.8b,4.6s			
MOS	IV	01 05 49 18.4-1.3	29.32S	176.84W	33	4.8b,4.6s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=21.3km s-min=17.9km az=5.0.								
NEIC	Event type se. Error ellipse: s-maj=10.9km s-min=8.4km az=144.0.								
HRVD	Error ellipse: s-maj=3.3km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s20,c25; Mantle waves: s47,c60; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₁₁ 4.89±3.9; M ₂₂ 0.52±2.5; M ₃₃ 4.37±2.4; M ₁₂ 1.80±5.2; M ₁₃ 1.47±2.1; M ₂₃ 0.66±3.3; Best double couple: NP1:φ=217.0000°; λ=116.0000°; NP2:φ=1.0000°; λ=84.0000°; λ=64.0000°; Principal axes: T 5.5490,Plg71.0000°; Azm199.0000°; N -0.6830,Plg19.0000°; Azm13.0000°; P -4.8670,Plg0.0000°; Azm109.0000°; M1.20800×10 ¹⁶								
ISCJB	Event type se. Error ellipse: s-maj=12.5km s-min=8.1km az=55.5.								
MOS	Error ellipse: s-maj=23.9km s-min=16.0km az=1.8.								
ISC	(177) Kermadec Islands region								
ISC	IV	01 06 09 48.9-1.8	29.65S-07	177.11W-10	47-13	4.6b,4.4s	24	1-164	
IDC	IV	01 06 09 41.2-81	29.62S	176.88W	0	4.6,4.4b		¶10697439	
ISCJB	IV	01 06 09 48.7-1.6	29.76S-06	177.2W-10	60-11	4.6b,4.4s			
NEIC	IV	01 06 09 48.0-2.0	29.53S	177.10W	42-16	4.7b,4.4s			
MOS	IV	01 06 09 49.1-3.4	29.80S	177.52W	33	5.1b,4.4s			
BJI	IV	01 06 09 50.4	29.21S	176.51W	47	5.5b,5.1b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=30.5km s-min=17.3km az=12.0.								
ISCJB	Event type se. Error ellipse: s-maj=21.1km s-min=10.3km az=2.0.								
NEIC	Event type se. Error ellipse: s-maj=20.5km s-min=13.6km az=66.0.								
MOS	Error ellipse: s-maj=29.9km s-min=19.5km az=37.7.								
ISC	(178) Kermadec Islands								
ISC	IV	01 08 19 14.9-1.3	29.37S-06	176.96W-07	55-11	5.0b,4.6s	124	1-165	
NEIC	IV	01 08 19 08.6-22	29.25S	176.94W	10	5.1b,4.6s		¶10697441	
HRVD	IV	01 08 19 08.6-30	29.32S	176.30W	13-1	5.1W,4.6s			
BJI	IV	01 08 19 08.1	29.56S	177.06W	17	5.5b,5.3s			
MOS	IV	01 08 19 11.1-1.1	29.30S	177.00W	33	5.3b,5.3s			
IDC	IV	01 08 19 13.7-2.1	29.37S	176.79W	52-16	4.6s,4.6			
ISCJB	IV	01 08 19 13.5-1.6	29.41S-06	177.01W-07	55-13	5.0b,4.6s			
ISC	Event type se.								
NEIC	Event type se.								
HRVD	nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s30,c37; Mantle waves: s63,c92; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₁₁ 3.10±2.0; M ₂₂ 0.23±1.3; M ₃₃ 2.87±1.4; M ₁₂ 0.87±3.5; M ₁₃ 0.74±0.9; M ₂₃ 3.78±4.9; Best double couple: NP1:φ=210.0000°; λ=123.0000°; λ=123.0000°								

NP2:φ=354.0000°; λ=71.0000°; λ=77.0000°; Principal axes: T 5.1590,Plg62.0000°; Azm245.0000°; N -0.4420,Plg12.0000°; Azm358.0000°; P -4.7210,Plg25.0000°; Azm94.0000°; M1.94000×10 ¹⁶									
ISCJB	Event type se.								
ISC	(243) Taiwan region								
ISC	IV	01 10 02 20.3-71	22.93N-01	121.28E-02	10-4	6.1s,6.0b	1057	1-176	
NEIC	IV	01 10 02 00	22.70N	121.00E	8	6.1W,6.0b		¶10697446	
ISCJB	IV	01 10 02 17.0-64	22.89N-02	121.26E-02	0-4	6.1s,6.0b			
JMA	IV	01 10 02 17.5-30	22.68N	121.04E	96	6.4,6.0b			
BJI	IV	01 10 02 18.9	23.04N	121.13E	6	6.7s,6.5b			
CRAAG	IV	01 10 02 18.0	22.90N	121.22E	6	6.2W,6.5b			
SZGRF	IV	01 10 02 19.7	22.02N	121.13E	33	6.5b,6.4s			
HRVD	IV	01 10 02 19.6-10	22.89N	121.10E	15-0	6.1W,6.4s			
NEIC	IV	01 10 02 19.6-11	22.87N	121.28E	9	6.6,6.4L			
MOS	IV	01 10 02 21.1-1.1	22.88N	121.46E	33	6.3b,6.2s			
IDC	IV	01 10 02 22.7-1.2	22.71N	121.29E	33-7	5.9s,5.9			
ISC	Event type de.								
NEIC	Moment Tensor Solution. Best double couple: NP1:φ=284.0000°; λ=136.0000°; NP2:φ=189.0000°; λ=46.0000°; λ=7.0000°; M1.84000×10 ¹⁸								
ISCJB	Event type de. Error ellipse: s-maj=2.7km s-min=2.3km az=95.9.								
JMA	Error ellipse: s-maj=4.4km s-min=4.1km az=-1.0.								
ISCJB	Taiwan region.								
HRVD	Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s98,c225; Mantle waves: s102,c385; Half duration: 3.0 Moment tensor: Scale 10 ¹⁸ Nm; M ₁₁ 0.11±0.1; M ₂₂ 0.98±0.1; M ₃₃ 0.86±0.1; M ₁₂ 0.77±0.3; M ₁₃ 0.45±0.1; M ₂₃ 0.69±0.3; Best double couple: NP1:φ=199.0000°; λ=114.0000°; NP2:φ=104.0000°; λ=80.0000°; λ=153.0000°; Principal axes: T 2.1380,Plg26.0000°; Azm59.0000°; N -0.2930,Plg61.0000°; Azm266.0000°; P -1.8460,Plg12.0000°; Azm155.0000°; M1.99200×10 ¹⁸								
NEIC	Event type de. Error ellipse: s-maj=3.6km s-min=3.4km az=64.0. Forty-two people injured and some buildings damaged in T'ai-tung County, Felt in most of Taiwan. Recorded [6 TAP] at T'ai-tung. Recorded [5 TAP] in T'ai-tung; [4 TAP] in Kao-hsiung, P'ing-tung and T'ai-nan; [3 TAP] in Chia-i, Hua-hien, Nan-tou and Yun-lin; [2 TAP] in Chang-hua, Miao-li and I-lan; [1 TAP] in P'eng-hu Counties. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s34 Moment tensor: Scale 10 ¹⁸ Nm; M ₁₁ 0.67; M ₂₂ 0.27; M ₃₃ 0.94; M ₁₂ 0.99; M ₁₃ 1.55; M ₂₃ 0.30; Best double couple: NP1:φ=74.0000°; λ=118.0000°; NP2:φ=175.0000°; λ=86.0000°; λ=22.0000°; Principal axes: T 2.0500,Plg36.0000°; Azm31.0000°; N 0.0000,Plg53.0000°; Azm226.0000°; P -2.0400,Plg7.0000°; Azm126.0000°; M2.00000×10 ¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=104.0000°; λ=154.0000°; NP2:φ=200.0000°; λ=65.0000°; λ=15.0000°; Principal axes: T Plg28.0000°; Azm60.0000°; N Plg0.0000°; Azm0.0000°; P Plg8.0000°; Azm154.0000°								
MOS	Error ellipse: s-maj=7.6km s-min=4.0km az=115.1.								
IDC	Error ellipse: s-maj=9.4km s-min=6.6km az=85.0.								
ISC	(705) Off west coast of northern Sumatra								
ISC	IV	01 10							

ISC	IV	01 13 43 33.3-1.8	29.78S-04	177.22W-09	26-11	4.9s,4.9b	58	1-163
IDC	IV	01 13 43 30.3-6.9	29.09S	177.08W	0	5.0s,5.0		¶10697460
HRVD	IV	01 13 43 31.6-20	29.64S	176.80W	18-0	5.3W,5.0		
BJI	IV	01 13 43 31.6	29.40S	177.10W	16	5.3b,5.2s		
NEIC	IV	01 13 43 31.6-2.6	29.44S	177.06W	16-14	5.0b,5.2s		
ISCJB	IV	01 13 43 32.7-2.0	29.88S-04	177.26W-10	33-12	4.9s,4.9b		
MOS	IV	01 13 43 33.8-1.5	29.07S	177.15W	33	4.9b,4.9b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=28.9km s-min=14.0km az=167.0.							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s66,c115; Mantle waves: s83,c152; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.151±0.04 Mw:0.13±0.03; M ₀ :1.38±0.03; M ₀ :0.62±0.08; M ₀ :0.45±0.02; Mw:1.93±0.10; Best double couple: NP1:φ:198.00000°; δ2:18.00000°; λ:90.00000°; NP2:φ:18.00000°; δ2:872.00000°; λ:90.00000°; Principal axes: T 2.52300,Plg63.0000°; Azm288.0000°; N 0.0170,Plg0.0000°; Azm18.0000°; P -2.5410,Plg27.0000°; Azm108.0000°; M ₀ :2.53200×10 ¹⁷							
NEIC	Event type se. Error ellipse: s-maj=23.1km s-min=11.7km az=156.0.							
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=6.3km az=14.8.							
MOS	Error ellipse: s-maj=18.1km s-min=14.0km az=151.8.							
(177) Kermadec Islands region								
ISC	IV	01 17 55 56.6-1.4	29.95S-03	176.93W-05	13-8	5.2s,5.1b	135	1-163
NEIC	IV	01 17 55 55.7-20	29.56S	176.77W	10	5.2b,5.1s		¶18197933
HRVD	IV	01 17 55 55.7-10	29.65S	176.52W	12	5.6W,5.1s		
ISCJB	IV	01 17 55 55.1-1.3	30.07S-03	176.93W-05	14-7	5.2s,5.1b		
BJI	IV	01 17 55 55.7	29.60S	176.80W	10	5.9b,4.5b		
MOS	IV	01 17 55 59.6-1.6	29.50S	176.88W	33	5.4b,5.2s		
CSEM	IV	01 17 56 00.1	29.63S	176.97W	46	5.6L,5.2s		
IDC	IV	01 17 56 01.7-1.1	29.63S	176.93W	49-8	5.2s,5.2		
ISC	Event type se.							
NEIC	Event type se. Error ellipse: s-maj=8.0km s-min=6.5km az=149.0.							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s76,c142; Mantle waves: s92,c226; Half duration: 1s5 Moment tensor: Scale 10 ¹⁷ Nm; Mr:1.63±0.02 Mw:0.93±0.02; M ₀ :1.59±0.02; M ₀ :0.49±0.06; M ₀ :0.61±0.02; Mw:2.06±0.06; Best double couple: NP1:φ:204.00000°; δ2:0.00000°; λ:99.00000°; NP2:φ:14.00000°; δ2:871.00000°; λ:87.00000°; Principal axes: T 2.64600,Plg64.0000°; Azm279.0000°; N 0.1640,Plg3.0000°; Azm16.0000°; P -2.8030,Plg25.0000°; Azm107.0000°; M ₀ :2.72500×10 ¹⁷							
ISCJB	Event type se. Error ellipse: s-maj=7.0km s-min=5.2km az=28.3.							
MOS	Error ellipse: s-maj=13.3km s-min=10.8km az=105.9.							
IDC	Error ellipse: s-maj=15.0km s-min=10.1km az=19.0.							
(178) Kermadec Islands								
ISC	IV	01 20 02 14.7-2.5	29.74S-05	177.14W-08	19-15	5.0b,4.8s	71	1-169
IDC	IV	01 20 02 10.9-5.3	29.81S	177.21W	0	4.7s,4.7		¶10697468
ISCJB	IV	01 20 02 12.2-2.6	29.79S-06	177.21W-08	15-17	5.0b,4.8s		
BJI	IV	01 20 02 13.2	29.70S	177.10W	14	5.6b,5.2b		
NEIC	IV	01 20 02 13.2-3.1	29.74S	177.08W	14	5.0b,5.2b		
HRVD	IV	01 20 02 13.2-2.0	29.59S	176.56W	16-0	5.3W,5.2b		
MOS	IV	01 20 02 15.7-1.2	29.60S	177.14W	33	5.1b,5.2b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=21.4km s-min=13.2km az=173.0.							
ISCJB	Event type se. Error ellipse: s-maj=12.2km s-min=9.1km az=57.8.							
NEIC	Event type se. Error ellipse: s-maj=10.8km s-min=9.3km az=111.0.							
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s48,c69; Mantle waves: s74,c124; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.55±0.02 Mw:0.10±0.02; M ₀ :0.65±0.02; M ₀ :0.11±0.05; M ₀ :0.18±0.01; Mw:0.81±0.07; Best double couple: NP1:φ:200.00000°; δ2:19.00000°; λ:101.00000°; NP2:φ:8.00000°; δ2:871.00000°; λ:86.00000°; Principal axes: T 0.95600,Plg63.0000°; Azm272.0000°; N 0.01390,Plg3.0000°; Azm9.0000°; P -1.09500,Plg26.0000°; Azm101.0000°; M ₀ :1.02600×10 ¹⁷							
MOS	Error ellipse: s-maj=18.7km s-min=13.9km az=128.7.							
(706) Northern Sumatra								
ISC	IV	02 08 30 27.8-1.8	2.48N-03	96.37E-02	27	5.3b,5.2s	505	3-174
BJI	IV	02 08 30 24.8	2.37N	96.40E	28	5.7b,5.5s		¶18228683
ISCJB	IV	02 08 30 25.6-1.8	2.48N-03	96.39E-03	26	5.3b,5.2s		
HRVD	IV	02 08 30 27.2-2.0	2.03N	96.17E	36-0	5.4W,5.2s		
NEIC	IV	02 08 30 27.2-1.4	2.41N	96.39E	27	5.2b,4.9s		
MOS	IV	02 08 30 27.1-9.0	2.58N	96.42E	33	5.5b,5.0s		
IDC	IV	02 08 30 29.3-2.2	2.45N	96.39E	44-20	5.1s,5.1		
SZGRF	IV	02 08 30 41.1	4.60N	94.95E	33	5.4b,4.9s		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=4.3km s-min=3.6km az=24.6.							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s83,c145; Mantle waves: s83,c134; Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.96±0.03 Mw:0.82±0.02; M ₀ :0.82±0.02; M ₀ :0.79±0.03; M ₀ :0.68±0.02; Mw:0.58±0.03; Best double couple: NP1:φ:296.00000°; δ2:24.00000°; λ:81.00000°; NP2:φ:125.00000°; δ2:866.00000°; λ:94.00000°; Principal axes: T 1.33700,Plg69.0000°; Azm43.0000°; N 0.27600,Plg4.0000°; Azm304.0000°; P -1.61300,Plg21.0000°; Azm213.0000°; M ₀ :1.47500×10 ¹⁷							
NEIC	Event type fe. Error ellipse: s-maj=4.8km s-min=3.3km az=205.0. Felt [III] at Sinabang. Felt [II] at Medan, Sumatra.							
MOS	Error ellipse: s-maj=7.7km s-min=4.1km az=119.3.							
IDC	Error ellipse: s-maj=16.9km s-min=10.8km az=56.0.							
SZGRF	Off west coast of northern Sumatra, Indonesia.							
(174) Tonga Islands region								
ISC	IV	02 09 29 33.4-3.2	22.62S-06	175.34W-07	38	4.7b,4.1s	77	7-170
IDC	IV	02 09 29 27.5-5.7	22.52S	175.48W	0	4.9L,4.6		¶18503817
ISCJB	IV	02 09 29 31.8-3.1	22.62S-06	175.44W-07	36	4.7b,4.1s		
MOS	IV	02 09 29 31.7-1.0	22.57S	175.44W	33	4.9b,4.1s		
BJI	IV	02 09 29 33.6	22.60S	175.40W	38	5.5b,5.3s		
NEIC	IV	02 09 29 33.6-2.0	22.61S	175.42W	38-17	4.9b,5.3s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=21.3km s-min=15.0km az=137.0.							
ISCJB	Event type se. Error ellipse: s-maj=10.0km s-min=7.5km az=49.8.							
MOS	Error ellipse: s-maj=14.0km s-min=10.0km az=80.7.							
NEIC	Event type se. Error ellipse: s-maj=11.6km s-min=10.0km az=74.0.							
(178) Kermadec Islands								
ISC	IV	02 21 53 57.4-2.1	29.94S-06	177.0W-10	10-10	4.8b,4.2s	33	1-163
ISCJB	IV	02 21 53 55.1-2.0	30.06S-05	177.0W-10	6-9	4.8b,4.2s		¶18493934
IDC	IV	02 21 53 55.8-8.9	29.90S	177.00W	0	4.5,4.4		
NEIC	IV	02 21 53 57.7-7.0	29.83S	177.02W	10	4.8b,4.4		
BJI	IV	02 21 53 58.2	29.78S	177.01W	25	5.5b,5.2b		
MOS	IV	02 21 54 03.4-2.2	28.48S	177.60W	33	5.1b,5.2b		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=17.3km s-min=8.8km az=158.4.							
IDC	Error ellipse: s-maj=23.4km s-min=20.2km az=52.0.							
NEIC	Event type se. Error ellipse: s-maj=17.2km s-min=12.9km az=55.0.							
MOS	Error ellipse: s-maj=19.6km s-min=17.5km az=64.9.							
(177) Kermadec Islands region								
ISC	IV	02 22 59 40.1-1.7	29.41S-07	176.8W-10	48-13	4.9b,4.3s	63	1-168
IDC	IV	02 22 59 32.6-5.5	29.27S	176.65W	0	4.8,4.7		¶18228656
HRVD	IV	02 22 59 34.4-5.0	29.17S	176.12W	33-1	4.9W,4.7		
NEIC	IV	02 22 59 34.4-3.3	29.28S	176.70W	10	4.9b,4.7		
BJI	IV	02 22 59 34.4	29.30S	176.70W	10	5.6b,5.3s		
MOS	IV	02 22 59 37.7-1.6	29.25S	176.87W	33	5.0b,5.3s		
ISCJB	IV	02 22 59 40.3-1.5	29.47S-07	176.9W-10	61-12	4.9b,5.3s		
ISC	Event type se.							
HRVD	nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s20,c21; Mantle waves: s43,c51; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:1.83±0.26 Mw:0.86±0.22; M ₀ :2.70±0.18; M ₀ :0.46±0.26; M ₀ :0.71±0.16; Mw:1.77±0.15; Best double couple: NP1:φ:218.00000°; δ2:33.00000°; λ:133.00000°; NP2:φ:350.00000°; δ2:666.00000°; λ:66.00000°; Principal axes: T 2.69100,Plg61.0000°; Azm224.0000°; N 0.67600,Plg22.0000°; Azm360.0000°; P -3.37400,Plg18.0000°; Azm97.0000°; M ₀ :3.03200×10 ¹⁶							
NEIC	Event type se.							
ISCJB	Event type se.							
(177) Kermadec Islands region								
ISC	IV	03 01 41 17.2-4.2	29.13S-08	176.90W-07	32	4.9b,4.8s	63	1-168
NEIC	IV	03 01 41 13.2-3.8	29.21S	177.06W	10	5.1s,5.0b		¶18228715

HRVD	IV	03 01 41 13.2-20	29.28S	176.63W	18-0	5.3W,5.0b		
IDC	IV	03 01 41 14.1-3.0	29.09S	176.99W	14-18	4.9,4.9s		
ISCJB	IV	03 01 41 15.6-4.2	29.16S-08	176.83W-07	31	4.9b,4.8s		
BJI	IV	03 01 41 16.2	28.47S	176.46W	24	5.5b,5.2b		
MOS	IV	03 01 41 16.5-1.5	29.02S	177.10W	33	5.3b,4.9s		
ISC	Event type se.							
NEIC	Event type se. Error ellipse: s-maj=14.4km s-min=9.7km az=134.0.							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s64,c97; Mantle waves: s74,c138; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.75±0.03 Mw:0.02±0.02; M ₀ :0.72±0.02; M ₀ :0.21±0.04; M ₀ :0.28±0.01; Mw:0.93±0.06; Best double couple: NP1:φ:205.00000°; δ2:0.00000°; λ:101.00000°; NP2:φ:14.00000°; δ2:870.00000°; λ:86.00000°; Principal axes: T 1.20300,Plg64.0000°; Azm278.0000°; N 0.06700,Plg4.0000°; Azm15.0000°; P -1.27000,Plg25.0000°; Azm107.0000°; M ₀ :2.37000×10 ¹⁷							
IDC	Error ellipse: s-maj=21.8km s-min=12.1km az=163.0.							
ISCJB	Event type se. Error ellipse: s-maj=12.5km s-min=8.3km az=137.2.							
MOS	Error ellipse: s-maj=14.5km s-min=12.8km az=80.4.							
(174) Tonga Islands region								
ISC	IV	03 23 53 24.5-3.6	22.97S-06	175.03W-07	35	4.7b	54	7-170
IDC	IV	03 23 53 19.2-6.9	22.90S	175.18W	0	5.5L,4.6		¶18503917
ISCJB	IV	03 23 53 22.7-3.5	23.02S-05	175.08W-07	33	4.7b,4.6		
MOS	IV	03 23 53 23.4-1.2	23.05S	175.28W	33	4.8b,4.6		
NEIC	IV	03 23 53 26.0-2.5	23.01S	175.21W	44-21	4.8b,4.6		
BJI	IV	03 23 53 25.9	23.00S	175.20W	44	5.5b,5.0b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=25.9km s-min=17.4km az=137.0.							
ISCJB	Event type se. Error ellipse: s-maj=9.7km s-min=6.9km az=63.7.							
MOS	Error ellipse: s-maj=16.8km s-min=15.3km az=82.5.							
NEIC	Event type se. Error ellipse: s-maj=15.8km s-min=13.8km az=215.0.							
(54) Off coast of Jalisco								
ISC	IV	04 02 30 28.9-1.9	18.75N-03	107.05W-02	34	5.5s,5.3b	582	2-144
IDC	IV	04 02 30 22.4-5.2	18.73N	107.12W	0	5.3s,5.3		¶18197993
MOS	IV	04 02 30 26.8-1.1	18.73N	107.15W	33	5.6s,5.5b		
ISCJB	IV	04 02 30 26.9-2.0	18.75N-03	107.02W-02	31	5.5s,5.3b		
BJI	IV	04 02 30 26.2	18.77N	106.87W	36	5.8s,5.7b		
MEX	IV	04 02 30 27.5-2.5	18.88N	106.86W	13-16	5.6,5.7b		
NEIC	IV	04 02 30 28.4-2.5	18.72N	106.99W	34	5.9W,5.6		
HRVD	IV	04 02 30 28.4-1.0	18.75N	107.10W				

Table with columns: Station, Azimuth, Distance, Magnitude, Moment, etc. Includes stations CSEM, IDC, MOS, IGIL, PDG, CRAAG, ATH, ISCJB, SFS, THE, NEIC, HRVD, SZGRF.

ISC Event type fe. Error ellipse: s-maj=12.5km s-min=9.3km az=84.0. MOS Error ellipse: s-maj=3.0km s-min=1.9km az=104.0. PDG Error ellipse: s-maj=1.1km s-min=0.8km az=1.0. ATH Error ellipse: s-maj=1.6km s-min=1.6km az=1.0.

ISCJB Event type fe. Error ellipse: s-maj=1.8km s-min=1.1km az=25.0. NEIC Event type se. Error ellipse: s-maj=3.4km s-min=2.1km az=185.0. Felt [III] at Patrai. Also felt at Kalamakion. Moment Tensor Solution. s10 Moment tensor: Scale 10^17Nm; Mrr=0.000 Mtheta=0.000 Mphi=0.000 Mxx=0.000 Myy=0.000 Mzz=0.000 Best double couple: NP1: phi=148.00000; lambda=78.00000; NP2: phi=358.00000; lambda=118.00000.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s74,c122; Mantle waves: s91,c178; Half duration: 1s4 Moment tensor: Scale 10^16Nm; Mrr=1.70e+04 Mtheta=0.07e+02 Mphi=1.62e+03; Mxx=0.75e+05; Myy=0.40e+02; Mzz=1.26e+06; Best double couple: NP1: phi=357.00000; lambda=109.00000; NP2: phi=155.00000; lambda=86.00000. Principal axes: T 2.2730, Plg68.0000; Azm48.0000; N -0.0410, Plg8.0000; Azm159.0000; P -2.2280, Plg20.0000; Azm252.0000; Mz2.25000x10^17

SZGRF Southern Greece. (177) Kermadec Islands region. ISC IV 05 00 27 33.7-62 29.83S-07 176.7W-10 35 5.0b,4.3s 33 1-160. IDC IV 05 00 27 29.2-91 29.73S 176.82W 0 4.7,4.6. NEIC IV 05 00 27 30.5-58 29.75S 176.82W 10 5.1b,4.6. BJI IV 05 00 27 30.4 29.70S 176.80W 10 5.7b,5.4s. ISCJB IV 05 00 27 31.9-64 29.87S-07 176.7W-10 33 5.0b,4.3s. MOS IV 05 00 27 37.4-3.3 28.59S 177.22W 33 5.5b,4.3s.

ISC Event type se. Error ellipse: s-maj=22.6km s-min=20.7km az=155.0. NEIC Event type se. Error ellipse: s-maj=21.2km s-min=12.2km az=168.0. ISCJB Event type se. Error ellipse: s-maj=13.9km s-min=8.5km az=50.0. MOS Error ellipse: s-maj=19.8km s-min=14.5km az=136.5. (248) Philippine Islands region. ISC IV 05 08 31 44.5-39 20.62N-02 122.64E-09 10 3.8b 36 2-86. NIED IV 05 08 31 00 21.00N 122.80E 38 4.1W. IDC IV 05 08 31 42.7-11 20.47N 122.71E 0 4.2L,3.9. ISCJB IV 05 08 31 42.8-40 20.63N-04 122.67E-09 10 3.8b,3.9. NEIC IV 05 08 31 44.6-81 20.56N 122.66E 15 4.7b,3.9. JMA IV 05 08 31 47.8-40 20.96N 122.80E 0 4.2,3.9. MAN IV 05 08 31 52.5 19.93N 122.41E 5 5.6s,4.3L.

ISC Event type se. Error ellipse: s-maj=16.0km s-min=10.6km az=90.9. MOS Error ellipse: s-maj=7.9km s-min=7.5km az=144.7. ISCJB Event type se. Error ellipse: s-maj=20.3km s-min=12.4km az=3.0. IDC Event type se. Error ellipse: s-maj=8.4km s-min=6.9km az=179.0. NEIC Event type se. Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s90,c181; Mantle waves: s95,c260; Half duration: 1s9 Moment tensor: Scale 10^17Nm; Mrr=0.21e+04 Mtheta=4.69e+05; Mphi=4.90e+02; Mxx=0.40e+11; Myy=2.64e+05; Mzz=0.91e+13; Best double couple: NP1: phi=301.00000; lambda=179.00000; NP2: phi=31.00000; lambda=89.00000. Principal axes: T 5.6820, Plg8.0000; Azm256.0000; N -0.2450, Plg8.0000; Azm34.0000; P -5.4410, Plg7.0000; Azm165.0000; Mz5.56200x10^17

(177) Kermadec Islands region. ISC IV 05 19 03 37.4-48 29.83S-04 177.04W-07 31 5.1b,4.7s 61 1-163. IDC IV 05 19 03 31.9-74 29.69S 176.95W 0 4.8,4.7s. ISCJB IV 05 19 03 35.5-48 29.91S-04 177.07W-07 30 5.1b,4.7s. BJI IV 05 19 03 36.7 29.00S 177.10W 24 5.9b,5.2s. NEIC IV 05 19 03 36.7-2.4 29.04S 177.06W 24-15 5.1b,5.2s. HRVD IV 05 19 03 36.7-30 29.37S 176.67W 28-1 5.2W,5.2s. MOS IV 05 19 03 38.4-2.5 29.33S 177.30W 33 5.2b,5.2s.

ISC Event type se. Error ellipse: s-maj=22.7km s-min=16.3km az=10.0. ISCJB Event type se. Error ellipse: s-maj=9.2km s-min=5.1km az=21.3. NEIC Event type se. Error ellipse: s-maj=20.0km s-min=13.5km az=170.0. HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s35,c49; Mantle waves: s70,c106; Half duration: 1s0 Moment tensor: Scale 10^17Nm; Mrr=0.67e+04 Mtheta=0.05e+02; Mphi=0.62e+02; Mxx=0.17e+02; Mzz=0.57e+04; Best double couple: NP1: phi=197.00000; lambda=29.00000; NP2: phi=14.00000; lambda=86.00000. Principal axes: T 0.8930, Plg69.0000; Azm281.0000; N -0.0010, Plg1.0000; Azm15.0000; P -0.8920, Plg21.0000; Azm105.0000; Mz0.89200x10^17

MOS Error ellipse: s-maj=21.7km s-min=15.3km az=28.4. (178) Kermadec Islands. ISC IV 05 21 30 44.4-44 29.69S-05 177.25W-09 33 5.2b,4.6s 77 1-169. BJI IV 05 21 30 39.3 29.60S 177.10W 10 5.5b,5.2s. IDC IV 05 21 30 39.1-60 29.52S 177.06W 0 5.0,4.9. NEIC IV 05 21 30 40.3-30 29.58S 177.14W 10 5.4b,4.6s. HRVD IV 05 21 30 40.3-50 29.53S 176.82W 27-1 5.0W,4.6s. ISCJB IV 05 21 30 42.9-43 29.69S-06 177.41W-09 31 5.2b,4.6s. MOS IV 05 21 30 43.6-2.2 29.56S 177.29W 33 5.3b,4.6s.

ISC Event type se. Error ellipse: s-maj=20.0km s-min=16.5km az=16.0. NEIC Event type se. Error ellipse: s-maj=10.7km s-min=9.4km az=198.0. HRVD Error ellipse: s-maj=4.4km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s22,c25; Mantle waves: s43,c61; Half duration: 0 Moment tensor: Scale 10^16Nm; Mrr=3.44e+34 Mtheta=0.54e+23; Mphi=2.90e+22; Mxx=0.31e+49; Myy=1.57e+16; Mzz=6.22e+38; Best double couple: NP1: phi=219.00000; lambda=29.00000; NP2: phi=11.00000; lambda=86.00000. Principal axes: T 4.3950, Plg69.0000; Azm261.0000; N -0.0800, Plg10.0000; Azm20.0000; P -4.4790, Plg18.0000; Azm113.0000; Mz4.43700x10^16

Table with columns: Station, Azimuth, Distance, Magnitude, Moment, etc. Includes stations ISCJB, ISC, NEIC, ISCJB, ISC, IDC, NEIC, BJI, MOS, ISCJB, ISC, NEIC, ISCJB.

(178) Kermadec Islands. ISC IV 05 22 01 06.5-1.4 29.86S-06 177.5W-10 49-10 4.8b,4.2s. ISC Event type se. Error ellipse: s-maj=25.6km s-min=14.8km az=168.0. IDC Event type se. Error ellipse: s-maj=14.2km s-min=10.8km az=108.3. NEIC Event type se. Error ellipse: s-maj=12.5km s-min=8.8km az=131.0. HRVD Error ellipse: s-maj=2.2km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s29,c41; Mantle waves: s51,c69; Half duration: 0 Moment tensor: Scale 10^16Nm; Mrr=3.87e+24 Mtheta=0.14e+19; Mphi=4.00e+18; Mxx=0.06e+44; Myy=0.49e+14; Mzz=2.28e+31; Best double couple: NP1: phi=191.00000; lambda=330.00000; NP2: phi=2.00000; lambda=860.00000. Principal axes: T 4.4900, Plg75.0000; Azm261.0000; N 0.1750, Plg4.0000; Azm5.0000; P -4.6560, Plg15.0000; Azm96.0000; Mz4.57300x10^16

MOS Error ellipse: s-maj=15.8km s-min=13.5km az=48.3. (178) Kermadec Islands. ISC IV 06 04 35 46.0-4.2 29.60S-09 176.90W-08 2-27 4.8b,4.3s 27 1-164. ISCJB IV 06 04 35 44.6-3.8 29.69S-09 176.87W-08 5-25 4.8b,4.3s. BJI IV 06 04 35 46.1 29.93S 177.30W 13 5.5b,5.3b. IDC IV 06 04 35 47.0-99 29.67S 177.07W 10 4.4b,4.4. NEIC IV 06 04 35 47.8-50 29.60S 176.96W 10 4.8b,4.4. MOS IV 06 04 35 50.3-1.5 29.62S 176.92W 33 4.7b,4.4.

ISC Event type se. Error ellipse: s-maj=14.8km s-min=11.8km az=41.2. ISCJB Event type se. Error ellipse: s-maj=26.7km s-min=17.6km az=42.0. NEIC Event type se. Error ellipse: s-maj=13.2km s-min=11.6km az=154.0. MOS Error ellipse: s-maj=29.3km s-min=16.6km az=1.3. (222) East of Kuril Islands. ISC IV 06 17 09 37.5-21 46.98N-03 153.94E-04 30 5.1b,4.5s 540 4-153. SKHL IV 06 17 09 33.3-1.6 46.78N 154.37E 32-4 5.5s,5.4b. IDC IV 06 17 09 35.4-4.2 47.01N 153.89E 16-25 4.8,4.8. ISCJB IV 06 17 09 35.5-20 46.90N-03 153.96E-04 28 5.1b,4.5s. BJI IV 06 17 09 36.1 47.17N 153.87E 32 5.1b,5.0b. MOS IV 06 17 09 37.2-1.1 46.93N 153.80E 39 5.3b,4.5s. NEIC IV 06 17 09 38.2-20 46.95N 153.94E 35 5.1b,4.5s. HRVD IV 06 17 09 38.2-40 47.03N 154.16E 21-0 5.0W,4.5s. SZGRF IV 06 17 09 54.8 49.47N 150.66E 33 5.5b,4.5s.

ISC Event type se. Error ellipse: s-maj=16.1km s-min=11.5km az=148.0. IDC Event type se. Error ellipse: s-maj=5.5km s-min=2.7km az=115.0. MOS Error ellipse: s-maj=7.8km s-min=4.2km az=102.7. NEIC Event type se. Error ellipse: s-maj=6.0km s-min=3.6km az=153.0. HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s28,c37; Mantle waves: s62,c89; Half duration: 0 Moment tensor: Scale 10^16Nm; Mrr=3.41e+21 Mtheta=1.22e+12; Mphi=2.20e+13; Mxx=0.46e+22; Myy=1.45e+07; Mzz=0.77e+20; Best double couple: NP1: phi=217.00000; lambda=837.00000; NP2: phi=3.00000; lambda=553.00000. Principal axes: T 3.5300, Plg82.0000; Azm297.0000; N -0.1810, Plg1.0000; Azm35.0000; P -3.3590, Plg8.0000; Azm125.0000; Mz3.44400x10^16

SZGRF Northwest of Kuril Islands, Russia. (314) Southern India. ISC IV 06 17 59 19.3-13 23.35N-02 70.43E-01 24 5.4b,5.2s 767 1-157. SZGRF IV 06 17 59 02.4 21.30N 71.71E 24 5.9b,5.0s. CRAAG IV 06 17 59 15.2 23.27N 70.40E 24 5.5W,5.0s. ISCJB IV 06 17 59 16.9-13 23.35N-02 70.44E-02 23 5.4b,5.2s. HRVD IV 06 17 59 16.4-20 23.25N 70.35E 30-0 5.5W,5.2s. NEIC IV 06 17 59 16.4-17 23.32N 70.48E 10 5.5W,5.5b. BJI IV 06 17 59 16.7 23.47N 70.54E 10 5.6s,5.4b. NDI IV 06 17 59 17.7-2.9 23.25N 70.46E 10-0 5.5L,5.5b. MOS IV 06 17 59 18.2-1.1 23.23N 70.35E 33 5.6b,5.1s. IDC IV 06 17 59 19.3-44 23.31N 70.39E 26-2 5.0s,5.0.

ISC Event type de. Error ellipse: s-maj=3.1km s-min=2.0km az=7.5. ISCJB Event type de. Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s79,c124; Mantle waves: s96,c179; Half duration: 1s4 Moment tensor: Scale 10^16Nm; Mrr=0.80e+04 Mtheta=2.51e+04; Mphi=7.11e+04; Mxx=0.54e+07; Myy=1.01e+03; Mzz=0.62e+08; Best double couple: NP1: phi=238.00000; lambda=867.00000; NP2: phi=145.00000; lambda=883.00000. Principal axes: T 2.1270, Plg21.0000; Azm100.0000; N 0.7330, Plg66.0000; Azm308.0000; P -2.8610, Plg10.0000; Azm194.0000; Mz2.49400x10^17

NEIC Event type de. Error ellipse: s-maj=5.3km s-min=3.3km az=199.0. Minor damage at Rapar. Felt [V] at Bhuj and Rajkot; [IV] at Ahmadabad; [III] at Surat; [II] at Jamnagar. Felt throughout Gujarat and much of the Rann of Kutch. Also felt at Mumbai. Moment Tensor Solution. s12 Moment tensor: Scale 10^17Nm; Mrr=0.32 Mtheta=1.26 Mphi=0.95 Mxx=0.95 Myy=0.93 Mzz=1.04 Best double couple: NP1: phi=152.00000; lambda=141.00000; NP2: phi=247.00000; lambda=351.00000. Principal axes: T 1.8000, Plg32.0000; Azm102.0000; N 0.1000, Plg50.0000; Azm323.0000; P -1.9100, Plg21.0000; Azm206.0000; Mz1.90000x10^17

NDI Error ellipse: s-maj=4.5km s-min=5.3km az=1.0. MOS Error ellipse: s-maj=6.4km s-min=3.1km az=125.0. IDC Error ellipse: s-maj=11.3km s-min=9.6km az=114.0.

(181) Fiji Islands region. ISC IV 07 08 30 44.5-1.5 16.56S-03 177.00E-03 13-9 6.3s,5.7b 324 8-174. ISCJB IV 07 08 30 40.6-1.3 16.59S-03 176.96E-03 1-8 6.3s,5.8b. IDC IV 07 08 30 41.8-4.2 16.51S 176.93E 0 6.2,6.2s. CRAAG IV 07 08 30 42.0 16.62S 176.84E 0 6.4W,6.2s. NEIC IV 07 08 30 44.6-14 16.53S 176.99E 14 7.4,6.4W. IGIL IV 07 08 30 44.1 16.63S 177.00E 2 6.4s,6.4W. HRVD IV 07 08 30 45.9-10 16.51S 177.00E 15-0 6.5W,6.4W. MOS IV 07 08 30 45.9-1.1 16.53S 176.94E 33 6.3s,5.9b. CSEM IV 07 08 30 46.9 17.04S 177.07E 33 6.0b,5.9b. BJI IV 07 08 30 47.7 16.00S 177.33E 44 6.5s,6.5b.

ISC Event type fe. Error ellipse: s-maj=6.0km s-min=4.2km az=137.7. ISCJB Event type fe. Error ellipse: s-maj=15.8km s-min=12.9km az=168.0. NEIC Event type fe. Error ellipse: s-maj=7.2km s-min=4.3km az=146.0. Felt [IV] at Nadi and [III] at Lautoka. Felt at Lami and Nausori. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Mz7.80000x10^18 Moment Tensor Solution. s50 Moment tensor: Scale 10^18Nm; Mrr=0.35 Mtheta=0.44 Mphi=0.79 Mxx=0.03 Myy=0.09 Mzz=0.16 Best double couple: NP1: phi=3.00000; lambda=889.00000; NP2: phi=93.00000; lambda=877.00000. Principal axes: T 5.0900, Plg10.0000; Azm318.0000; N 0.3400, Plg77.0000; Azm179.0000; P -5.4300, Plg8.0000; Azm49.0000; Mz5.30000x10^18 Moment Tensor Solution. Broadband flat plane solution: P waves. NP1: phi=91.00000; lambda=885.00000; Azm4.00000. NP2: phi=1.00000; lambda=886.00000; lambda=175.00000. Principal axes: T Plg6.0000; Azm316.0000; N Plg0.0000; Azm0.0000; P Plg1.0000; Azm46.0000. HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s108,c257; Mantle waves: s110,c456; Half duration: 4s2 Moment tensor: Scale 10^19Nm; Mrr=0.21e+03 Mtheta=0.31e+03; Mphi=0.10e+03; Mxx=0.50e+08; Myy=6.21e+03; Mzz=0.17e+09; Best double couple: NP1: phi=359.00000; lambda=179.00000; NP2: phi=269.00000; lambda=889.00000; lambda=5.00000. Principal axes: T 6.1180, Plg2.0000; Azm314.0000

; N 0.2340,Plg85.0000°,AzM72.0000°; P -6.3530,Plg4.0000°,AzM224.0000°
M6.623500x1018

MOS Error ellipse: s-maj=8.2km s-min=7.2km az=56.2.

(178) Kermadec Islands

ISC	IV	07 15 19 35.6-1.2	29.70S-05	177.29W-09	42-9	4.9b,4.6s	70	1-164
NEIC	IV	07 15 19 30.0-36	29.58S	177.13W	10	5.1b,4.6s		¶18320153
BJI	IV	07 15 19 29.9	29.60S	177.10W	10	5.5b,5.2b		
HRVD	IV	07 15 19 30.0-30	29.67S	176.58W	24-0	5.2W,5.2b		
MOS	IV	07 15 19 32.1-3	29.66S	177.25W	33	5.2b,5.2b		
ISCJB	IV	07 15 19 34.6-1.1	29.77S-05	177.35W-09	47-8	4.9b,4.6s		
IDC	IV	07 15 19 35.5-1.3	29.64S	177.27W	46-10	4.6s,4.6		

ISC Event type se.
NEIC Event type se. Error ellipse: s-maj=11.8km s-min=10.1km az=117.0.
HRVD Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s34,c48; Mantle waves: s63,c95; Half duration: 1s0 Moment tensor: Scale 1017Nm; Mr:0.62±.34 Mm:0.58±.20; Mw:5.44±.23; Mw:1.22±.32; Mw:1.31±.17; Mw:4.55±.30; Best double couple: NP1:φ:194.00000°,δ26.00000°,λ89.00000°; NP2:φ:15.00000°,δ64.00000°,λ90.00000°. Principal axes: T 7.6710,Plg71.0000°,AzM286.0000°; N -0.2520,Plg0.0000°,AzM194.0000°; P -7.4210,Plg19.0000°,AzM104.0000°; M:7.54600x1016

MOS Error ellipse: s-maj=18.9km s-min=12.5km az=132.1.
ISCJB Event type se. Error ellipse: s-maj=12.6km s-min=8.4km az=6.2.
IDC Error ellipse: s-maj=18.6km s-min=12.8km az=177.0.

(174) Tonga Islands region

ISC	IV	07 19 58 51.4-5.2	22.92S-07	175.16W-09	34-36	4.8b,4.3s	68	7-170
BJI	IV	07 19 58 43.4	22.81S	174.32W	5	5.5b,5.3s		¶18320156
SZGRF	IV	07 19 58 45.5	23.65S	173.40W	10	5.5b,5.3s		
IDC	IV	07 19 58 46.1-57	22.69S	175.20W	0	4.8,4.7		
NEIC	IV	07 19 58 47.9-6.4	22.77S	175.24W	10-39	4.9b,4.7		
ISCJB	IV	07 19 58 49.7-34	22.96S-06	175.22W-08	33	4.8b,4.3s		
MOS	IV	07 19 58 50.1-1.1	22.84S	175.32W	33	5.0b,4.3s		

ISC Event type se.
SZGRF Tonga Islands region.
IDC Error ellipse: s-maj=21.4km s-min=15.0km az=134.0.
NEIC Event type se. Error ellipse: s-maj=14.2km s-min=9.5km az=166.0.
ISCJB Event type se. Error ellipse: s-maj=11.9km s-min=6.7km az=59.7.
MOS Error ellipse: s-maj=16.3km s-min=12.9km az=65.3.

(406) Central Mid-Atlantic Ridge

ISC	IV	08 22 03 04.6-24	0.19S-04	18.10W-04	10	5.0b,4.8s	449	9-146
MOS	IV	08 22 03 02.2-85	0.20S	18.04W	10	5.1b,4.7s		¶19149038
IDC	IV	08 22 03 02.6-46	0.14S	18.15W	0	5.7L,4.8s		
ISCJB	IV	08 22 03 02.3-25	0.22S-04	18.07W-04	10	5.0b,4.8s		
NEIC	IV	08 22 03 03.9-20	0.25S	18.14W	10	5.0b,4.7s		
BJI	IV	08 22 03 03.9	0.30S	18.10W	10	5.6b,5.2s		
HRVD	IV	08 22 03 03.9-10	0.03S	18.08W	18-0	5.3W,5.2s		
CRAAG	IV	08 22 03 09.4	0.17S	17.98W	5	5.5b,5.2s		
SZGRF	IV	08 22 03 22.4	1.09N	16.40W	33	5.1b,4.5s		

ISC Event type se.
MOS Error ellipse: s-maj=10.9km s-min=3.5km az=65.4.
IDC Error ellipse: s-maj=14.1km s-min=11.8km az=158.0.
ISCJB Event type se. Error ellipse: s-maj=6.8km s-min=4.9km az=74.6.
NEIC Event type se. Error ellipse: s-maj=5.5km s-min=3.5km az=142.0.
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s66,c111; Mantle waves: s91,c169; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr:0.18±.02 Mm:0.49±.01; Mw:0.30±.02; Mw:0.09±.03; Mw:1.10±.02; Mw:0.41±.04; Best double couple: NP1:φ:80.00000°,δ70.00000°,λ-176.00000°; NP2:φ:34.00000°,δ87.00000°,λ-20.00000°. Principal axes: T 1.3230,Plg12.0000°,AzM36.0000°; N -0.1600,Plg70.0000°,AzM160.0000°; P -1.1640,Plg17.0000°,AzM303.0000°; M:1.24300x1017

SZGRF North of Ascension Island.
(259) Mindanao

ISC	IV	09 18 19 28.6-57	6.06N-05	126.25E-10	35	3.6b	18	1-83
IDC	IV	09 18 19 19.1-7	6.45N	126.35E	0	4.4s,4.4		¶19507897
ISCJB	IV	09 18 19 26.6-57	6.03N-05	126.28E-10	33	3.6b,4.4		
NEIC	IV	09 18 19 28.1-1.5	6.40N	126.07E	72-15	4.1b,4.4		
MAN	IV	09 18 19 29.6	6.31N	126.09E	7	9.2s,4.9L		

ISC Event type se.
IDC Error ellipse: s-maj=63.2km s-min=20.5km az=76.0.
ISCJB Event type se. Error ellipse: s-maj=14.6km s-min=5.5km az=135.8.
NEIC Event type se. Error ellipse: s-maj=53.6km s-min=12.7km az=72.0.

(121) Off coast of northern Chile

ISC	IV	09 20 50 46.3-13	20.47S-02	70.23W-03	36	5.5b,5.3s	515	2-179
BGS	IV	09 20 50 39.0	20.15S	73.24W	33	5.9b,5.3s		¶18228992
ISCJB	IV	09 20 50 44.3-14	20.45S-02	70.31W-03	34	5.5b,5.3s		
CRAAG	IV	09 20 50 45.8	20.30S	70.29W	5	5.6b,5.3s		
GUC	IV	09 20 50 45.0-1.3	20.79S	70.77W	35-0	5.5L,3.5s		
BJI	IV	09 20 50 45.0	19.54S	71.09W	28	5.8s,5.7b		
MOS	IV	09 20 50 45.3-1.0	20.20S	70.23W	33	5.6b,5.4s		
HRVD	IV	09 20 50 46.0-10	20.46S	70.73W	39-0	5.7W,5.4s		
NEIC	IV	09 20 50 46.0-12	20.45S	70.24W	35	5.8W,5.5b		
IDC	IV	09 20 50 48.0-1.5	20.41S	70.20W	53-13	5.3s,5.3		
LDG	IV	09 20 50 51.2-43	19.70S	69.92W	65-0	5.4b,5.3s		
SZGRF	IV	09 20 51 01.2	18.24S	69.97W	33	5.4s,5.3b		

ISC Event type fe.
ISCJB Event type fe. Error ellipse: s-maj=4.9km s-min=3.1km az=123.1.
GUC Error ellipse: s-maj=9.5km s-min=11.6km az=-1.0.
MOS Error ellipse: s-maj=8.5km s-min=5.5km az=89.3.
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s88,c166; Mantle waves: s96,c241; Half duration: 1s8 Moment tensor: Scale 1017Nm; Mr:4.18±.07 Mm:1.70±.05; Mw:2.48±.06; Mw:1.05±.05; Mw:2.28±.04; Mw:2.41±.07; Best double couple: NP1:φ:49.00000°,δ30.00000°,λ106.00000°; NP2:φ:211.00000°,δ61.00000°,λ81.00000°. Principal axes: T 4.9750,Plg73.0000°,AzM100.0000°; N 0.1200,Plg8.0000°,AzM216.0000°; P -5.0950,Plg15.0000°,AzM308.0000°; M:5.03500x1017

NEIC Event type fe. Error ellipse: s-maj=4.7km s-min=3.0km az=53.0. Felt [V] at Iquique; [IV] at Huarua, Pica, Playa Blanca, Pozo Almonte and San Marco; [III] at Pisagua and Tocopilla; [II] at Arica. Moment Tensor Solution. s11 Moment tensor: Scale 1017Nm; Mr:5.04±.36 Mm:1.38 Mm:1.64 Mm:2.27 Mw:1.48 Best double couple: NP1:φ:234.00000°,δ57.00000°,λ85.00000°; NP2:φ:63.00000°,δ34.00000°,λ97.00000°. Principal axes: T 5.5200,Plg78.0000°,AzM129.0000°; N -0.0100,Plg4.0000°,AzM237.0000°; P -5.5000,Plg12.0000°,AzM327.0000°; M:5.50000x1017
Error ellipse: s-maj=11.6km s-min=7.3km az=76.0.
IDC Event type ke. Error ellipse: s-maj=26.9km s-min=6.2km az=41.0.
LDG Northern Chile.
SZGRF **(369) Decadecane Islands**

ISC	IV	09 23 27 19.5-35	35.18N-01	27.25E-01	31-2	5.1b,4.6s	1254	0-151
SZGRF	IV	09 23 27 06.2	34.44N	28.06E	10	5.0b,4.5s		¶10697645
GRAL	IV	09 23 27 12.2-2.3	34.95N	26.80E	0-356	5.0,4.5s		
CRAAG	IV	09 23 27 14.5	35.16N	27.26E	5	5.6b,4.5s		
CSEEM	IV	09 23 27 14.5	35.16N	27.26E	10	5.1b,4.5s		
IDC	IV	09 23 27 15.2-45	35.39N	27.20E	0	5.0,5.0		
ISCJB	IV	09 23 27 16.2-33	35.15N-01	27.26E-01	21-2	5.1b,4.6s		
HLW	IV	09 23 27 17.8	35.40N	27.46E	33	4.9b,4.6s		
PDG	IV	09 23 27 18.8-45	35.19N	27.39E	26-6	4.9b,4.6s		
MOS	IV	09 23 27 18.6-1.3	35.25N	27.21E	33	5.3b,4.5s		
NIC	IV	09 23 27 18.1-20	34.75N	27.20E	25	5.0b,4.7L		
BJI	IV	09 23 27 18.2	35.25N	27.11E	34	5.3b,5.2b		
ATH	IV	09 23 27 19.0	35.33N	27.26E	25-0	4.9L,4.7		
HRVD	IV	09 23 27 19.8-20	35.34N	27.29E	26-0	5.3W,4.7		
NEIC	IV	09 23 27 19.8-18	35.17N	27.24E	33	5.1b,4.9L		
SFS	IV	09 23 27 21.0	35.39N	27.13E	33	5.2L,4.9L		
THE	IV	09 23 27 23.0	35.35N	27.25E	27	4.9L,4.9L		
BGS	IV	09 23 27 41.1-1.6	36.98N	25.11E	33-0	5.0b,4.9L		
NSSC	IV	09 23 27 48.9	35.14N	30.00E	40	5.0b,4.9L		

ISC Event type fe.
SZGRF Eastern Mediterranean Sea.
GRAL Error ellipse: s-maj=150.9km s-min=410.0km az=-1.0.
IDC Error ellipse: s-maj=12.3km s-min=11.9km az=179.0.

ISCJB Event type fe. Error ellipse: s-maj=2.1km s-min=1.3km az=36.0.
PDG Error ellipse: s-maj=2.5km s-min=1.0km az=-1.0.
MOS Error ellipse: s-maj=3.6km s-min=1.9km az=113.3.
NIC Moment Tensor Solution. M:2.10000x1015
ATH Error ellipse: s-maj=0.9km s-min=0.6km az=-1.0.
HRVD Error ellipse: s-maj=1.1km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s51,c70; Mantle waves: s84,c140; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr:0.83±.03 Mm:0.10±.02; Mw:0.93±.02; Mw:0.08±.05; Mw:0.40±.02; Mw:0.44±.04; Best double couple: NP1:φ:144.00000°,δ36.00000°,λ-117.00000°; NP2:φ:356.00000°,δ58.00000°,λ-72.00000°. Principal axes: T 1.1500,Plg11.0000°,AzM273.0000°; N -0.1770,Plg15.0000°,AzM166.0000°; P -0.9730,Plg71.0000°,AzM308.0000°; M:1.06100x1017

NEIC Event type se. Error ellipse: s-maj=3.4km s-min=2.2km az=188.0.
BGS Error ellipse: s-maj=121.5km s-min=66.3km az=-1.0.
NSSC Event type fe.
(406) Central Mid-Atlantic Ridge

ISC	IV	10 06 26 13.8-26	7.52N-05	36.93W-04	10	5.0s,4.8b	307	13-176
IDC	IV	10 06 26 08.4-68	7.24N	37.07W	0	4.9s,4.9		¶110697652
ISCJB	IV	10 06 26 11.4-26	7.48N-05	36.91W-04	10	5.0s,4.8b		
MOS	IV	10 06 26 11.4-1.1	7.55N	36.96W	10	5.2b,5.1s		
CSEEM	IV	10 06 26 12.7	7.67N	37.01W	10	5.7L,5.1s		
SZGRF	IV	10 06 26 13.0	7.72N	37.43W	14	5.0s,4.9b		
HRVD	IV	10 06 26 13.3-10	7.77N	36.98W	19-0	5.7W,4.9b		
NEIC	IV	10 06 26 13.3-25	7.51N	36.93W	10	5.6W,5.1s		
BJI	IV	10 06 26 13.3	7.50N	36.90W	10	5.6s,5.6b		

ISC Event type se.
IDC Error ellipse: s-maj=23.3km s-min=13.7km az=154.0.
ISCJB Event type se. Error ellipse: s-maj=7.7km s-min=4.6km az=131.5.
MOS Error ellipse: s-maj=9.8km s-min=5.1km az=56.4.
SZGRF Central Mid-Atlantic Ridge.
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s83,c159; Mantle waves: s104,c274; Half duration: 1s7 Moment tensor: Scale 1017Nm; Mr:0.25±.04 Mm:0.02±.04; Mw:0.27±.05; Mw:0.35±.10; Mw:4.13±.04; Mw:0.06±.11; Best double couple: NP1:φ:1.00000°,δ85.00000°,λ0.00000°; NP2:φ:271.00000°,δ90.00000°,λ175.00000°. Principal axes: T 4.2770,Plg4.0000°,AzM226.0000°; N -0.2590,Plg85.0000°,AzM88.0000°; P -4.0180,Plg3.0000°,AzM316.0000°; M:4.14700x1017

NEIC Event type se. Error ellipse: s-maj=7.3km s-min=5.0km az=157.0. Moment Tensor Solution. s8 Moment tensor: Scale 1017Nm; Mr:0.04 Mm:0.06 Mm:0.02 Mm:0.02 Mm:3.29 Mw:1.27 Best double couple: NP1:φ:180.00000°,δ89.00000°,λ21.00000°; NP2:φ:90.00000°,δ69.00000°,λ179.00000°. Principal axes: T 3.5300,Plg15.0000°,AzM47.0000°; N 0.0100,Plg69.0000°,AzM182.0000°; P -3.5300,Plg14.0000°,AzM313.0000°; M:3.50000x1017

(558) Ethiopia

ISC	IV	10 13 36 47.2-24	14.54N-03	39.97E-03	10	4.6b,4.0s	249	3-101
SZGRF	IV	10 13 36 33.5	13.14N	41.78E	33	4.7b,4.0s		¶110697657
MOS	IV	10 13 36 43.3-88	14.25N	39.85E	10	5.0b,4.0s		
BJI	IV	10 13 36 43.7	14.61N	39.60E	14	5.6s,5.2b		
CSEEM	IV	10 13 36 44.7-12	14.47N	39.94E	10	4.9W,4.7b		
ISCJB	IV	10 13 36 45.1-25	14.50N-03	39.96E-03	10	4.6b,4.0s		
IDC	IV	10 13 36 45.9-76	14.56N	40.07E	0	4.4b,4.4		
HRVD	IV	10 13 36 46.7-60	14.87N	40.26E	20-2	4.9W,4.4		
NEIC	IV	10 13 36 46.7-33	14.53N	39.94E	10	4.7b,4.6L		
DHMR	IV	10 13 36 55.1-2.4	14.80N	40.73E	12-172	4.6L,4.6L		

ISC Event type ke.
SZGRF Ethiopia.
MOS Error ellipse: s-maj=9.6km s-min=4.4km az=105.8.
CSEEM Event type ke. Error ellipse: s-maj=5.3km s-min=1.9km az=-19.0.
ISCJB Event type ke. Error ellipse: s-maj=5.2km s-min=3.6km az=55.7.
IDC Error ellipse: s-maj=17.3km s-min=15.1km az=56.0.
HRVD Error ellipse: s-maj=4.4km s-min=6.7km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s5,c6; Mantle waves: s41,c51; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr:-2.52±.34 Mm:0.29±.17; Mw:2.22±.23; Mw:0.89±.36; Mw:0.60±.13; Mw:1.35±.36; Best double couple: NP1:φ:172.00000°,δ29.00000°,λ-75.00000°; NP2:φ:335.00000°,δ62.00000°,λ-98.00000°. Principal axes: T 2.8440,Plg16.0000°,AzM71.0000°; N 0.1810,Plg7.0000°,AzM339.0000°; P -3.0320,Plg72.0000°,AzM226.0000°; M:2.93800x1016

NEIC Event type se. Error ellipse: s-maj=8.6km s-min=4.2km az=207.0.
DHMR Error ellipse: s-maj=57.4km s-min=159.2km az=-1.0.

(399) Ionian Sea

ISC	IV	11 00 02 41.6-09	37.62N-01	20.927E-01	10	5.3b,5.2s	1467	1-164
BJI	IV	11 00 02 38.0	37.76N	20.93E	13	5.6b,5.5s		¶18229032
ISCJB	IV	11 00 02 40.0-10	37.67N-01	20.928E-01	10	5.3b,5.2s		
CRAAG	IV	11 00 02 39.9	37.66N	20.90E	5	5.4W,5.2s		
CSEEM	IV	11 00 02 40.0	37.68N	20.92E	10	5.2b,5.2s		
HRVD	IV	11 00 02 41.5-10	37.64N	20.97E	21-0	5.5W,5.2s	</	

HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s16,c19; Mantle waves: s59,c83;Half duration: 0 Moment tensor: Scale 1016 Nm; Mr:0.80±.21 Mw:3.33±.16; Ms:3.13±.15; Mw-0.57±.12; Mw-0.69±.14; Mw1.03±.11; Best double couple: NP1:φ=232.0000°;δ65.0000°;λ173.0000°; NP2:φ=324.0000°;δ84.0000°;λ25.0000°; Principal axes: T 2.6950,Plg22.0000°; Azm191.0000°; N 0.7360,Plg64.0000°; Azm337.0000°; P -3.4350,Plg13.0000°; Azm96.0000°; Ms3.06500×1016

NEIC Event type fe. Error ellipse: s-maj=4.3km s-min=3.8km az=161.0. Recorded [3 JMA] in Chiba, Shizuoka and Tokyo; [2 JMA] in Kanagawa and Saitama; [1 JMA] in Ibaraki, Nagano and Yamaguchi Prefectures. Moment Tensor Solution. Ms2.10000×1016
 IDC Error ellipse: s-maj=10.0km s-min=5.2km az=89.0.
 (399) Ionian Sea

ISC	IV	11 17 29 28.6-09	37.63N-01	20.99E-01	15	5.3s,5.2b	1288	1-164
ORF	IV	11 17 28 50.6	35.01N	23.11E	30	6.2L,5.0b		¶19787203
PRU	IV	11 17 29 24.0	37.43N	20.67E	0	5.1,5.0b		
BGS	IV	11 17 29 25.9-1.9	36.91N	20.29E	10-0	5.2b,5.0b		
BJI	IV	11 17 29 25.1	37.79N	20.78E	20	5.6s,5.4b		
ISCJB	IV	11 17 29 26.8-09	37.62N-01	20.98E-01	14	5.3s,5.2b		
CRAAG	IV	11 17 29 27.0	37.71N	20.96E	10	5.6W,5.2b		
MOS	IV	11 17 29 27.1-1.4	37.67N	20.94E	16	5.5b,5.2b		
IGIL	IV	11 17 29 27.0	37.70N	21.00E	10	4.9s,5.2b		
CSEM	IV	11 17 29 27.2	37.72N	20.94E	10	5.1b,5.2s		
HRVD	IV	11 17 29 28.4-10	37.60N	20.83E	22-0	5.5W,5.2s		
PDA	IV	11 17 29 28.1	37.66N	21.02E	10	5.3b,5.2s		
NEIC	IV	11 17 29 28.4	37.68N	20.91E	18	5.4L,5.3s		
ATH	IV	11 17 29 28.4	37.67N	20.91E	18-1	5.4L,5.3s		
SZGRF	IV	11 17 29 29.4	37.60N	20.90E	10	4.7b,5.3s		
PDG	IV	11 17 29 29.4-61	37.61N	20.91E	32-4	4.7b,5.3s		
IDC	IV	11 17 29 29.5-1.9	37.79N	21.07E	19-11	5.1,5.1s		
THE	IV	11 17 29 29.0	37.62N	20.90E	14	5.1L,5.1s		
SFS	IV	11 17 29 29.0	37.91N	21.21E	10	5.3L,5.1s		
HLW	IV	11 17 29 40.3	37.03N	22.24E	10	5.2b,5.1s		

ISC Event type fe.
 BGS Error ellipse: s-maj=135.3km s-min=80.1km az=-1.0.
 ISCJB Event type fe. Error ellipse: s-maj=1.7km s-min=1.1km az=37.9.
 MOS Error ellipse: s-maj=3.1km s-min=2.0km az=99.8.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s71,c119; Mantle waves: s100,c210;Half duration: 154 Moment tensor: Scale 1017Nm; Mr:1.66±.05 Mw:1.25±.03; Ms:2.91±.04; Mw-0.18±.06; Mw-0.10±.03; Mw-0.99±.07; Best double couple: NP1:φ=21.0000°;δ36.0000°;λ119.0000°; NP2:φ=167.0000°;δ89.0000°;λ71.0000°; Principal axes: T 1.9260,Plg70.0000°; Azm35.0000°; N 1.1910,Plg16.0000°; Azm177.0000°; P -3.1170,Plg12.0000°; Azm271.0000°; Ms2.52200×1017
 NEIC Event type fe. Felt at Katastarion, Mouzakion, Patrai, Pargos and Poros. After ATH.
 ATH Error ellipse: s-maj=1.2km s-min=1.3km az=-1.0.
 SZGRF Ionian Sea.
 PDG Error ellipse: s-maj=1.6km s-min=1.0km az=-1.0.
 IDC Error ellipse: s-maj=9.1km s-min=8.5km az=53.0.

(4) Komandorsky Islands region

ISC	IV	12 01 06 58.7-11	56.34N-02	164.00E-03	32	5.8s,5.3b	937	1-164
KRSC	IV	12 01 06 51.0-1.0	56.14N	164.42E	1-3	5.8L,5.3b		¶10697723
IDC	IV	12 01 06 53.6-40	56.47N	164.12E	0	5.5s,5.5		
BJI	IV	12 01 06 55.8	56.40N	164.00E	28	6.4s,6.0s		
MOS	IV	12 01 06 55.7-1.5	56.26N	164.07E	25	5.8s,5.5b		
ISCJB	IV	12 01 06 56.8-11	56.28N-02	164.07E-03	30	5.8s,5.3b		
HRVD	IV	12 01 06 58.7-10	56.24N	164.25E	24-0	6.0W,5.3b		
SZGRF	IV	12 01 06 58.0	56.34N	164.25E	33	5.8s,5.7b		
NEIC	IV	12 01 06 58.7-19	56.40N	163.99E	29	5.9W,5.7s		

ISC Event type se.
 KRSC Event type se.
 IDC Error ellipse: s-maj=12.9km s-min=7.8km az=151.0.
 MOS Event type fe. Error ellipse: s-maj=6.3km s-min=3.5km az=91.4. Felt (III-IV) at Kiyuchi. Moment Tensor Solution.
 ISCJB Event type fe. Error ellipse: s-maj=3.1km s-min=1.7km az=134.8.
 HRVD Error ellipse: s-maj=1.1km s-min=0.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s102,c221; Mantle waves: s112,c408;Half duration: 2s6 Moment tensor: Scale 1018Nm; Mr:0.01±.01 Mw:0.63±.01; Ms:0.63±.01; Mw-0.11±.02; Mw:1.27±.01; Mw:0.25±.02; Best double couple: NP1:φ=283.0000°;δ81.0000°;λ174.0000°; NP2:φ=14.0000°;δ84.0000°;λ9.0000°; Principal axes: T 1.4730,Plg11.0000°; Azm238.0000°; N 0.1450,Plg79.0000°; Azm49.0000°; P -1.4150,Plg2.0000°; Azm148.0000°; Ms1.44500×1018

Komandorsky Islands, Russia, region.

ISC Event type fe. Error ellipse: s-maj=6.1km s-min=3.6km az=178.0. Felt [IV] at Kiyuchi. Moment Tensor Solution. s31 Moment tensor: Scale 1018Nm; Mr:0.00 Mw:0.00 Ms:0.00 Mw:0.00 Mw:0.00 Best double couple: NP1:φ=286.0000°;δ88.0000°;λ168.0000°; NP2:φ=17.0000°;δ78.0000°;λ2.0000°; Principal axes: T 0.9900,Plg10.0000°; Azm241.0000°; N 0.1100,Plg78.0000°; Azm95.0000°; P -1.1000,Plg7.0000°; Azm332.0000°; Ms1.00000×1018

(248) Philippine Islands region

ISC	IV	12 05 36 51.8-14	19.99N-02	121.45E-02	37	4.9b,4.4s	349	2-175
NIED	IV	12 05 36 00.0	20.10N	121.90E	8	4.7W,4.4s		¶10697696
MAN	IV	12 05 36 47.9	20.19N	121.27E	65	6.7s,5.1L		
MOS	IV	12 05 36 49.8-85	19.92N	121.49E	38	5.2b,4.6s		
BJI	IV	12 05 36 49.5	20.08N	121.23E	16	5.0b,4.8b		
ISCJB	IV	12 05 36 49.7-14	19.99N-02	121.46E-02	35	4.9b,4.4s		
JMA	IV	12 05 36 50.0-40	20.12N	121.87E	0	5.5,4.4s		
IDC	IV	12 05 36 51.5-1.6	19.93N	121.38E	36-12	4.8,4.7		
HRVD	IV	12 05 36 51.3-30	19.99N	121.15E	29-1	5.1W,4.7		
NEIC	IV	12 05 36 51.4-15	19.93N	121.44E	37	5.0b,4.7		
SZGRF	IV	12 05 36 58.0	20.05N	122.04E	33	4.8b,4.7		

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=183.0000°;δ99.0000°;λ99.0000°; NP2:φ=346.0000°;δ33.0000°;λ75.0000°; Ms1.37000×1016
 Event type fe. F BASCO BATANES - INTENSITY III.
 MOS Error ellipse: s-maj=9.7km s-min=5.1km az=108.1.
 ISCJB Event type fe. Error ellipse: s-maj=3.3km s-min=2.0km az=34.3.
 JMA Error ellipse: s-maj=4.4km s-min=7.3km az=-1.0.
 IDC Error ellipse: s-maj=15.5km s-min=9.0km az=79.0.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s35,c46; Mantle waves: s59,c82;Half duration: 0 Moment tensor: Scale 1016 Nm; Mr:3.71±.21 Mw:0.49±.13; Ms:4.20±.16; Mw-1.48±.20; Mw-0.48±.09; Mw-2.84±.23; Best double couple: NP1:φ=350.0000°;δ28.0000°;λ63.0000°; NP2:φ=200.0000°;δ65.0000°;λ104.0000°; Principal axes: T 4.9840,Plg67.0000°; Azm135.0000°; N 0.2780,Plg12.0000°; Azm14.0000°; P -5.2640,Plg19.0000°; Azm280.0000°; Ms5.12400×1016

Philippine Islands region.

(399) Ionian Sea

ISC	IV	12 16 52 02.2-10	37.61N-01	20.97E-01	21	5.4s,5.4b	1470	1-164
IGIL	IV	12 16 51 58.3	37.70N	20.90E	10	5.1s,4.5b		¶10697708
BJI	IV	12 16 51 58.2	37.82N	20.91E	19	5.7s,5.5b		
HLW	IV	12 16 51 58.4	37.94N	21.40E	33	5.8b,5.5b		
CSEM	IV	12 16 51 59.8	37.71N	20.93E	10	5.6L,5.5b		
IDC	IV	12 16 51 59.2-38	37.73N	21.02E	0	5.3,5.2s		
CRAAG	IV	12 16 51 59.8	37.70N	20.93E	10	5.6W,5.2s		
ISCJB	IV	12 16 52 00.4-10	37.64N-01	20.95E-01	19	5.4s,5.4b		
SFS	IV	12 16 52 00.0	37.60N	21.00E	11	5.7L,5.4b		
MOS	IV	12 16 52 00.8-1.1	37.68N	20.87E	20	5.6b,5.3s		
ATH	IV	12 16 52 01.1	37.60N	20.95E	19-1	5.4L,5.3s		
NEIC	IV	12 16 52 01.2	37.61N	20.95E	19	5.6W,5.4L		
HRVD	IV	12 16 52 01.2-10	37.63N	20.74E	21-0	5.7W,5.4L		
PRU	IV	12 16 52 02.9	37.86N	20.58E	0	5.2,5.4L		
PDG	IV	12 16 52 02.8-69	37.71N	20.87E	24-4	5.2,5.4L		
SZGRF	IV	12 16 52 03.7	37.69N	20.83E	10	5.0b,5.4L		
THE	IV	12 16 52 04.5	37.64N	20.98E	21	5.0L,5.4L		
BGS	IV	12 16 52 06.1	37.87N	20.64E	20	5.6b,5.4L		

ISC Event type fe.

IDC Error ellipse: s-maj=10.8km s-min=9.8km az=85.0.
 ISCJB Event type fe. Error ellipse: s-maj=1.7km s-min=1.1km az=31.1.
 MOS Error ellipse: s-maj=2.9km s-min=1.8km az=106.4.
 ATH Error ellipse: s-maj=1.3km s-min=1.3km az=-1.0.
 NEIC Event type fe. Felt [V] on Zakynthos and [III] at Patrai. Felt at Argostolion, Kalamata, Bokhali, Poros, Preveza and Fion. After ATH. Moment Tensor Solution. s19 Moment tensor: Scale 1017Nm; Mr:1.70 Mw:0.74 Mw:2.44 Mw:0.80 Mw:0.16 Mw:1.38 Best double couple: NP1:φ=157.0000°;δ66.0000°;λ67.0000°; NP2:φ=22.0000°;δ33.0000°;λ130.0000°; Principal axes: T 2.4300,Plg62.0000°; Azm31.0000°; N 0.4700,Plg20.0000°; Azm167.0000°; P -2.9000,Plg18.0000°; Azm263.0000°; Ms2.70000×1017

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s88,c175; Mantle waves: s92,c232;Half duration: 1s6 Moment tensor: Scale 1017Nm; Mr:2.57±.05 Mw:0.07±.03; Ms:2.65±.04; Mw-1.59±.07; Mw:0.74±.03; Mw-2.26±.08; Best double couple: NP1:φ=1.0000°;δ25.0000°;λ118.0000°; NP2:φ=45.10000°;δ68.0000°;λ78.0000°; Principal axes: T 3.8390,Plg65.0000°; Azm40.0000°; N 0.0590,Plg11.0000°; Azm155.0000°; P -3.9060,Plg22.0000°; Azm250.0000°; Ms3.87300×1017

PDG Error ellipse: s-maj=1.9km s-min=0.8km az=-1.0.
 SZGRF Ionian Sea.

(399) Ionian Sea

ISC	IV	12 16 56 23.7-60	37.56N-02	20.77E-02	7-4	5.2s,4.8b	263	1-1220
CSEM	IV	12 16 56 22.4-16	37.52N	20.64E	15	5.0b,4.8b		¶10697709
NEIC	IV	12 16 56 23.6	37.65N	20.89E	14	4.9L,4.7L		
ATH	IV	12 16 56 23.6	37.65N	20.89E	17-2	4.7L,4.7L		
MOS	IV	12 16 56 23.8-1.1	37.51N	20.69E	25	5.1b,4.7L		
BJI	IV	12 16 56 23.8	37.70N	20.90E	14	5.5s,5.3b		
ISCJB	IV	12 16 56 24.7-60	37.57N-02	20.73E-02	30-5	5.2s,4.8b		
PDG	IV	12 16 56 26.7-47	37.61N	20.87E	23-2	5.2s,4.8b		
THE	IV	12 16 56 29.0	37.62N	20.99E	22	4.8L,4.8b		
IDC	IV	12 16 56 29.3-1.2	37.67N	20.99E	46-13	4.6,4.5		

ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=4.5km s-min=2.0km az=40.0.
 NEIC Event type se. After ATH.
 ATH Error ellipse: s-maj=1.9km s-min=2.0km az=-1.0.
 MOS Error ellipse: s-maj=5.2km s-min=3.2km az=105.0.
 ISCJB Event type ke. Error ellipse: s-maj=3.9km s-min=2.7km az=70.5.
 PDG Error ellipse: s-maj=1.4km s-min=1.4km az=-1.0.
 IDC Error ellipse: s-maj=13.5km s-min=9.2km az=23.0.

(229) Off east coast of Honshu

ISC	IV	13 04 27 24.1-25	41.82N-02	142.78E-02	52-2	5.4b,4.8s	749	0-157
NIED	IV	13 04 27 00.0	41.80N	142.80E	47	5.3W,4.8s		¶10697723
ORF	IV	13 04 27 15.0	40.40N	143.79E	30	5.5b,4.8s		
BJI	IV	13 04 27 20.5	41.76N	142.74E	43	5.5b,5.3b		
NEIC	IV	13 04 27 22.6-12	41.85N	142.71E	37	5.3W,5.3b		
ISCJB	IV	13 04 27 22.5-26	41.76N-02	142.79E-02	52-2	5.4b,4.8s		
MOS	IV	13 04 27 22.2-84	41.83N	142.74E	48	5.6b,5.0s		
HRVD	IV	13 04 27 22.6-20	41.69N	143.12E	56-0	5.3W,5.0s		
JMA	IV	13 04 27 22.9-10	41.76N	142.89E	43-2	5.3,5.0s		
IDC								

M0.3,30000x10¹⁷
 MOS Error ellipse: s-maj=5.8km s-min=3.3km az=121.9.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s63,c115; Mantle waves: s86,c218; Half duration: 1:5 Moment tensor: Scale 10¹⁷Nm; M_r=0.26±0.06 M₀=0.98±0.04; M₁=3.05±0.05; M₂=0.41±0.12; M₃=2.24±0.04; M₀=0.50±0.12;
 Best double couple: NP1:φ=353.00000°,δ49.00000°,λ-137.00000°. NP2:φ=231.00000°,δ59.00000°,λ-50.00000°. Principal axes: T 4.1110,Plg6.0000°; Azm294.0000°;
 ; N -1.8640,Plg34.0000°; Azm28.0000°; P -2.2390,Plg56.0000°; Azm196.0000°
 M0.17500x10¹⁷

(581) Mozambique
 ISC IV 14 18 41 39.6-16 21.39S-03 33.66E-03 27 5.2b,4.8s 539 5-153
 PRE IV 14 18 41 31.4-1.6 21.28S 33.76E 5-0 6.5L,4.8s 18320540
 IDC IV 14 18 41 35.5-39 21.29S 33.63E 0 5.1,5.1L
 MOS IV 14 18 41 35.8-80 21.21S 33.75E 10 5.5b,4.6s
 SZGRF IV 14 18 41 36.9 21.33S 34.91E 33 5.4b,4.6s
 ISCJB IV 14 18 41 37.5-17 21.36S-03 33.67E-04 26 5.2b,4.8s
 BJI IV 14 18 41 38.4 21.40S 33.70E 26 5.6b,5.4s
 NEIC IV 14 18 41 39.5-14 21.41S 33.65E 26 5.3b,4.8s
 HRVD IV 14 18 41 39.5-20 21.27S 33.57E 30-0 5.2W,4.8s

ISC Event type fe.
 PRE Error ellipse: s-maj=13.1km s-min=13.9km az=-1.0.
 IDC Error ellipse: s-maj=13.1km s-min=11.1km az=69.0.
 MOS Error ellipse: s-maj=12.0km s-min=3.9km az=99.6.
 SZGRF Mozambique.
 ISCJB Event type fe. Error ellipse: s-maj=4.2km s-min=4.3km az=170.8.
 NEIC Event type fe. Error ellipse: s-maj=5.8km s-min=3.9km az=83.0. Felt at Beira, Maputo and Namaacha.

HRVD Error ellipse: s-maj=1.1km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s62,c89; Mantle waves: s80,c125; Half duration: 1:0 Moment tensor: Scale 10¹⁷Nm; M_r=0.63±0.02 M₀=0.07±0.02; M₁=0.70±0.01; M₂=0.20±0.03; M₃=0.06±0.01; M₀=0.29±0.02;
 Best double couple: NP1:φ=22.00000°,δ37.00000°,λ-61.00000°. NP2:φ=167.00000°,δ59.00000°,λ-110.00000°. Principal axes: T 0.7600,Plg11.0000°; Azm271.0000°;
 ; N -0.0040,Plg17.0000°; Azm178.0000°; P -0.7570,Plg69.0000°; Azm34.0000°
 M0.75800x10¹⁷

(101) Venezuela
 ISC IV 14 23 16 24.8-43 10.36N-02 69.87W-02 13-3 4.1s,3.7b 46 0-154
 IDC IV 14 23 16 22.0-90 10.42N 69.85W 0 6.1L,4.0 18320548
 ISCJB IV 14 23 16 24.6-1.4 10.37N-03 69.88W-03 15-9 4.1s,3.7b
 NEIC IV 14 23 16 24.8 10.33N 69.89W 4 4.6W,4.1b
 FUNV IV 14 23 16 24.8 10.33N 69.89W 4 4.6W,4.1b
 BJI IV 14 23 16 24.8 10.30N 69.90W 4 5.5b,5.2s

ISC Event type se.
 IDC Error ellipse: s-maj=31.6km s-min=12.3km az=108.0.
 ISCJB Event type se. Error ellipse: s-maj=4.6km s-min=4.2km az=93.1.
 NEIC Event type se. After CAR.
 (161) Off west coast of South Island
 ISC IV 15 07 14 41.4-1.5 47.00S-04 165.90E-04 12-10 5.2b,4.4s 117 2-164
 IDC IV 15 07 14 39.1-50 46.86S 165.94E 0 5.3,5.2b 18320584
 ISCJB IV 15 07 14 42.4-30 46.98S-04 165.92E-04 33 5.2b,4.4s
 WEL IV 15 07 14 43.1-49 47.04S 165.70E 33 5.4L,4.4s
 HRVD IV 15 07 14 44.5-40 46.97S 165.69E 41-2 5.1W,4.4s
 BJI IV 15 07 14 44.4 46.90S 166.00E 35 5.5b,5.3b
 NEIC IV 15 07 14 44.5-72 46.91S 165.98E 35-7 5.0b,5.3b
 MOS IV 15 07 14 46.3-3.2 46.97S 165.49E 33 5.0b,5.3b

ISC Event type fe.
 IDC Error ellipse: s-maj=23.4km s-min=16.7km az=26.0.
 ISCJB Event type fe. Error ellipse: s-maj=6.1km s-min=3.0km az=122.5.
 WEL Event type fe. Error ellipse: s-maj=5.0km s-min=3.5km az=90.0. Felt from Otago to Southland, maximum reported intensity MM 4.
 HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s15,c16; Mantle waves: s58,c79; Half duration: 0 Moment tensor: Scale 10¹⁶Nm; M_r=0.07±0.41 M₀=2.54±2.26; M₁=0.53±2.27; M₂=0.07±2.27; M₃=0.25±2.20; M₀=3.34±2.27;
 Best double couple: NP1:φ=98.00000°,δ19.00000°,λ133.00000°. NP2:φ=233.00000°,δ76.00000°,λ77.00000°. Principal axes: T 5.9830,Plg57.0000°; Azm125.0000°;
 ; N -1.6240,Plg13.0000°; Azm236.0000°; P -4.3600,Plg30.0000°; Azm334.0000°
 M0.517100x10¹⁶

NEIC Event type fe. Error ellipse: s-maj=7.8km s-min=5.2km az=194.0. Felt in Southland and on Stewart Island.
 MOS Error ellipse: s-maj=17.1km s-min=10.6km az=118.8.

(243) Taiwan region
 ISC IV 15 22 40 55.0-09 22.93N-01 121.38E-01 18 5.9s,5.5b 850 1-176
 NIED IV 15 22 40 00 22.70N 121.40E 65 6.2W,5.5b 18320615
 BJI IV 15 22 40 52.9 22.98N 121.34E 6 6.2s,6.1b
 ISCJB IV 15 22 40 53.0-09 22.88N-01 121.37E-02 17 5.9s,5.5b
 JMA IV 15 22 40 54.6-30 22.73N 121.38E 75 6.0s,5.5b
 SZGRF IV 15 22 40 54.3 22.69N 122.20E 18 6.0s,5.8b
 MOS IV 15 22 40 54.3-87 22.84N 121.39E 29 6.1s,5.8b
 HRVD IV 15 22 40 54.1-10 22.87N 121.40E 22-0 5.9W,5.8b
 NEIC IV 15 22 40 54.2-14 22.80N 121.36E 18 6.2L,5.9W
 IDC IV 15 22 40 56.7-1.6 22.77N 121.32E 37-12 5.5s,5.5
 CRAAG IV 15 22 40 56.8 23.14N 121.38E 6.0b,5.5

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=55.00000°,δ88.00000°,λ92.00000°. NP2:φ=192.00000°,δ3.00000°,λ47.00000°. M0:61000x10¹⁸
 ISCJB Event type fe. Error ellipse: s-maj=2.1km s-min=1.9km az=95.0.
 JMA Event type fe. Error ellipse: s-maj=4.4km s-min=3.1km az=-1.0.
 SZGRF Taiwan region.
 MOS Error ellipse: s-maj=7.3km s-min=3.6km az=116.2.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s106,c223; Mantle waves: s89,c293; Half duration: 2:52 Moment tensor: Scale 10¹⁸Nm; M_r=0.78±0.11 M₀=0.06±0.01; M₁=0.83±0.01; M₂=0.22±0.01; M₃=0.25±0.01; M₀=0.07±0.01;
 Best double couple: NP1:φ=212.00000°,δ47.00000°,λ115.00000°. NP2:φ=358.00000°,δ48.00000°,λ66.00000°. Principal axes: T 0.8500,Plg72.0000°; Azm196.0000°;
 ; N 0.0480,Plg18.0000°; Azm15.0000°; P -0.8980,Plg0.0000°; Azm105.0000°
 M0.87400x10¹⁸

NEIC Event type fe. Error ellipse: s-maj=4.5km s-min=3.7km az=77.0. Felt in much of Taiwan. Recorded [5 TAP] in Hua-lien and T'ai-tung; [3 TAP] in Chia-i, Kao-hsiung, Nan-tou, Ping-tung, T'ai-chung, T'ai-nan and Yun-lin; [2 TAP] in Chang-hua, I-han and Miao-li; [1 TAP] in P'eng-hu Counties. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s26 Moment tensor: Scale 10¹⁷Nm; M_r=8.54 M₀=1.34 M₁=0.95 M₂=2.61 M₃=0.51 M₀=0.53 Best double couple: NP1: φ=200.00000°,δ50.00000°,λ114.00000°. NP2:φ=346.00000°,δ46.00000°,λ65.00000°. Principal axes: T 9.3900,Plg72.0000°; Azm17.0000°; N 0.5100,Plg18.0000°; Azm4.0000°; P -9.9000,Plg2.0000°; Azm273.0000°; M0.97000x10¹⁷ Moment Tensor Solution.
 Broadband fault plane solution: P waves. NP1:φ=15.00000°,δ35.00000°,λ90.00000°. NP2: φ=195.00000°,δ55.00000°,λ90.00000°. Principal axes: T Plg80.0000°; Azm105.0000°; N Plg0.0000°; Azm0.0000°; P Plg10.0000°; Azm285.0000°

IDC Error ellipse: s-maj=12.6km s-min=8.4km az=77.0.
 (134) Off coast of central Chile
 ISC IV 15 23 50 13.7-20 29.69S-02 72.02W-05 14 5.6s,5.5b 204 1-179
 SZGRF IV 15 23 49 52.1 32.46S 73.35W 25 5.6b,5.5b 18320618
 GUC IV 15 23 50 09.5-83 29.56S 72.28W 14-3 5.6L,5.5b
 IDC IV 15 23 50 10.9-41 29.64S 71.87W 0 5.6s,5.6
 ISCJB IV 15 23 50 12.3-20 29.69S-02 72.01W-05 14 5.6s,5.5b
 NEIC IV 15 23 50 14.7-2.1 29.77S 72.00W 20-13 5.6L,5.6b
 MOS IV 15 23 50 14.7-1.3 29.67S 71.82W 22 5.8b,5.7s
 HRVD IV 15 23 50 14.7-10 29.71S 72.29W 12 6.0W,5.7s

ISC Event type fe.
 SZGRF Off coast of central Chile.
 GUC Error ellipse: s-maj=2.0km s-min=4.4km az=-1.0.
 IDC Error ellipse: s-maj=20.4km s-min=12.1km az=88.0.
 ISCJB Event type fe. Error ellipse: s-maj=6.9km s-min=2.5km az=159.2.
 NEIC Event type fe. Error ellipse: s-maj=8.1km s-min=5.6km az=81.0. Felt [I] at Coquimbo and La Serena.
 MOS Error ellipse: s-maj=11.5km s-min=7.2km az=85.5.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s93,c180; Mantle waves: s105,c358; Half duration: 2:54 Moment tensor: Scale

1018Nm; M_r=1.00±0.01 M₀=0.01±0.01; M₁=-1.01±0.01; M₂=0.11±0.02; M₃=-0.06±0.01; M₀=0.73±0.02;
 Best double couple: NP1:φ=1.00000°,δ27.00000°,λ85.00000°. NP2:φ=186.00000°,δ63.00000°
 ,δ93.00000°. Principal axes: T 1.2400,Plg27.0000°; Azm102.0000°; N 0.0100,Plg2.0000°
 ,Azm5.0000°; P -1.2530,Plg18.0000°; Azm274.0000°; M0.124700x10¹⁸

(248) Philippine Islands region
 ISC IV 16 08 34 19.5-3.2 14.18N-07 118.82E-08 23-25 3.9b,3.8s 18 2-93
 MAN IV 16 08 34 15.7 14.16N 118.65E 24 6.3s,4.6L 19508037
 IDC IV 16 08 34 15.9-1.0 14.14N 118.77E 0 4.0,3.9
 ISCJB IV 16 08 34 20.0-1.8 14.17N-07 118.9E-10 43-18 3.9b,3.8s
 NEIC IV 16 08 34 20.9-69 14.13N 118.82E 35 4.0b,3.8s

Event type se.
 IDC Error ellipse: s-maj=24.6km s-min=20.7km az=58.0.
 ISCJB Event type se. Error ellipse: s-maj=19.8km s-min=11.6km az=9.1.
 NEIC Event type se. Error ellipse: s-maj=15.4km s-min=14.4km az=212.0.
 (248) Philippine Islands region
 ISC IV 16 10 28 24.9-1.0 20.04N-05 121.3E-10 56-10 3.9b,3.3s 26 2-87
 IDC IV 16 10 28 17.3-73 20.14N 121.65E 0 4.1,3.9
 ISCJB IV 16 10 28 23.8-1.1 20.04N-05 121.3E-10 63-10 3.9b,3.9
 NEIC IV 16 10 28 23.8-1.5 19.99N 121.29E 46-15 4.0b,3.9
 MAN IV 16 10 28 23.7 19.95N 121.35E 14 8.5s,4.4L

Event type se.
 IDC Error ellipse: s-maj=35.8km s-min=15.7km az=70.0.
 ISCJB Event type se. Error ellipse: s-maj=19.9km s-min=7.8km az=161.1.
 NEIC Event type se. Error ellipse: s-maj=17.6km s-min=8.7km az=75.0.
 (248) Philippine Islands region
 ISC IV 16 14 36 33.5-75 20.30N-05 122.2E-20 46-13 3.1b 22 2-45
 IDC IV 16 14 36 23.4-2.1 20.17N 123.87E 0 4.3,3.3 19508040
 ISCJB IV 16 14 36 32.2-74 20.31N-05 122.3E-20 52-13 3.1b,3.3
 JMA IV 16 14 36 32.8-40 20.63N 122.27E 0 4.0,3.3
 MAN IV 16 14 36 34.8 20.00N 121.84E 11 8.9s,4.3L

Event type se.
 IDC Error ellipse: s-maj=178.2km s-min=22.8km az=66.0.
 ISCJB Event type se. Error ellipse: s-maj=26.6km s-min=5.1km az=29.2.
 JMA Error ellipse: s-maj=3.3km s-min=6.2km az=-1.0.
 MAN Event type fe. F BASCO BATANES - INTENSITY II.
 (185) Vanuatu Islands region
 ISC IV 17 23 50 00.5-20 12.54S-03 166.40E-04 31 5.9s,5.6b 231 7-170
 ORF IV 17 23 49 46.4 18.90S 172.61E 30 5.9b,5.6b 110697826
 NEIC IV 17 23 49 56.9-19 12.48S 166.51E 16 6.0W,6.0s
 LDG IV 17 23 49 57.9-08 12.17S 167.08E 33-0 5.9b,5.8s
 ISCJB IV 17 23 49 58.4-19 12.54S-03 166.31E-04 29 5.9s,5.6b
 IDC IV 17 23 49 58.8-1.8 12.69S 166.44E 24-11 5.7s,5.7
 MOS IV 17 23 49 58.9-1.3 12.50S 166.32E 33 5.9s,5.7b
 BJI IV 17 23 49 58.5 12.27S 166.57E 28 6.1b,5.9s
 HRVD IV 17 23 49 59.2-10 12.59S 166.12E 28-0 6.1W,5.9s
 CRAAG IV 17 23 50 00.2 11.81S 166.76E 33 6.0b,5.9s
 SZGRF IV 17 23 50 04.4 12.64S 166.19E 33 5.8b,5.9s

ISC Event type ke.
 NEIC Event type se. Error ellipse: s-maj=9.2km s-min=6.9km az=116.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M0:70000x10¹⁸ Moment Tensor Solution. s40 Moment tensor: Scale 10¹⁸Nm; M_r=0.00 M₀=0.00 M₁=0.00 M₂=0.00 M₃=0.00 Best double couple: NP1: φ=148.00000°,δ60.00000°,λ86.00000°. NP2:φ=335.00000°,δ31.00000°,λ97.00000°. Principal axes: T 1.1000,Plg75.0000°; Azm47.0000°; N 0.0100,Plg3.0000°; Azm150.0000°; P -1.1100,Plg15.0000°; Azm241.0000°; M1:10000x10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=325.00000°,δ25.00000°,λ90.00000°. NP2: φ=145.00000°,δ65.00000°,λ90.00000°. Principal axes: T Plg70.0000°; Azm55.0000°; N Plg0.0000°; Azm0.0000°; P Plg20.0000°; Azm235.0000°

Event type ke. Error ellipse: s-maj=12.5km s-min=4.5km az=84.0.
 ISCJB Event type ke. Error ellipse: s-maj=5.1km s-min=4.4km az=1.0.
 IDC Error ellipse: s-maj=10.9km s-min=8.7km az=158.0.
 MOS Error ellipse: s-maj=8.2km s-min=7.3km az=97.9.
 HRVD Error ellipse: s-maj=0.0km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s109,c249; Mantle waves: s106,c350; Half duration: 2:57 Moment tensor: Scale 10¹⁸Nm; M_r=1.52±0.01 M₀=0.11±0.01; M₁=1.42±0.01; M₂=0.32±0.02; M₃=0.60±0.01; M₀=0.49±0.02; Best double couple: NP1:φ=343.00000°,δ35.00000°,λ97.00000°. NP2: φ=154.00000°,δ55.00000°,λ85.00000°. Principal axes: T 1.6300,Plg79.0000°; Azm44.0000°; N 0.1210,Plg4.0000°; Azm157.0000°; P -1.7570,Plg10.0000°; Azm248.0000°
 M0.169300x10¹⁸

SZGRF Santa Cruz Islands.
 (224) Hokkaido region
 ISC IV 18 10 38 25.5-16 42.24N-02 144.30E-03 32 4.9b,4.4s 444 1-156
 NIED IV 18 10 38 00 42.20N 144.40E 11 4.7W,4.4b 110697835
 SKHL IV 18 10 38 22.7-1.0 42.07N 144.49E 64-8 5.9s,5.0s
 ISCJB IV 18 10 38 23.4-16 42.17N-02 144.31E-03 30 4.9b,4.4s
 MOS IV 18 10 38 23.0-91 42.16N 144.27E 28 5.1b,4.4s
 BJI IV 18 10 38 24.4 42.23N 144.31E 36 4.9b,4.8b
 IDC IV 18 10 38 24.7-39 42.18N 144.24E 30-2 4.5,4.5
 JMA IV 18 10 38 24.1 42.22N 144.41E 32-2 4.8,4.5
 NEIC IV 18 10 38 25.2-13 42.20N 144.25E 30 5.0b,4.7W
 HRVD IV 18 10 38 25.2-70 42.31N 144.40E 26-1 4.8W,4.7W
 SZGRF IV 18 10 38 33.5 43.38N 143.73E 33 4.8b,4.7W

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=195.00000°,δ53.00000°,λ112.00000°. NP2:φ=341.00000°,δ42.00000°,λ63.00000°. M0:1.37000x10¹⁶
 Event type fe. Error ellipse: s-maj=3.4km s-min=2.5km az=130.1.
 MOS Error ellipse: s-maj=7.5km s-min=4.6km az=98.7.
 IDC Error ellipse: s-maj=11.2km s-min=10.2km az=127.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
 NEIC Event type fe. Error ellipse: s-maj=4.1km s-min=2.8km az=160.0. Recorded [3 JMA] in the Obihiro area, [2 JMA] in eastern Hokkaido and [1 JMA] in south-central Hokkaido. Moment Tensor Solution. M0:1.40000x10¹⁶

HRVD Error ellipse: s-maj=4.4km s-min=6.7km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s12,c12; Mantle waves: s37,c51; Half duration: 0 Moment tensor: Scale 10¹⁶Nm; M_r=1.62±0.16 M₀=0.08±0.10; M₁=-0.64±0.23; M₂=-0.31±0.07; M₃=0.07±0.17;
 Best double couple: NP1:φ=350.00000°,δ48.00000°,λ62.00000°. NP2:φ=209.00000°,δ49.00000°,λ117.00000°. Principal axes: T 1.8600,Plg70.0000°; Azm188.0000°;
 ; N -0.1050,Plg20.0000°; Azm10.0000°; P -1.7630,Plg1.0000°; Azm280.0000°
 M0.181200x10¹⁶

SZGRF Hokkaido, Japan, region.
 (173) Tonga Islands
 ISC IV 19 15 30 06.7-21 21.09S-05 174.34W-05 17 5.0b,4.8s 127 8-171
 IDC IV 19 15 30 04.3-62 20.93S 174.58W 0 4.9,4.8 18320792
 BJI IV 19 15 30 04.3 20.75S 173.93W 12 5.5b,5.4s
 ISCJB IV 19 15 30 05.0-21 21.09S-05 174.42W-05 16 5.0b,4.8s
 HRVD IV 19 15 30 05.8-30 21.26S 173.83W 28-0 5.2W,4.8s
 NEIC IV 19 15 30 05.8-17 20.96S 174.49W 10 4.9b,4.7s
 SZGRF IV 19 15 30 07.3 20.89S 173.34W 15 4.9b,4.7s
 MOS IV 19 15 30 20.2-1.3 18.16S 174.35W 33 5.0b,4.8s
 ORF IV 19 15 30 23.1 17.16S 174.49W 30 5.8b,4.8s

ISC Event type se.
 IDC Error ellipse: s-maj=21.7km s-min=16.7km az=116.0.
 ISCJB Event type se. Error ellipse: s-maj=8.1km s-min=5.3km az=98.2.
 HRVD Error ellipse: s-maj=2.2km s-min=3.0km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s48,c66; Mantle waves: s68,c100; Half duration: 0 Moment tensor: Scale 10¹⁶Nm; M_r=7.72±0.26 M₀=0.90±0.19; M₁=0.48±0.18; M₂=1.61±0.37; M₃=-1.87±0.11; M₀=2.90±0.26;
 Best double couple: NP1:φ=198.00000°,δ30.00000°,λ84.00000°. NP2:φ=25.00000°,δ60.00000°,λ94.00000°. Principal axes: T 6.6770,Plg75.0000°; Azm305.0000°;
 ; N -0.1790,Plg3.0000°; Azm203.0000°; P -6.5040,Plg15.0000°; Azm113.0000°
 M0.59000x10¹⁶

NEIC Event type se. Error ellipse: s-maj=8.3km s-min=4.7km az=132.0.
 SZGRF Tonga Islands.
 MOS Error ellipse:

HRVD IV 19 17 49 04.6-10 27.08S 71.52W 20-0 5.7W,5.2b
 GUC IV 19 17 49 04.6-70 27.07S 71.23W 14-3 5.3L,5.2b
 ISCJB IV 19 17 49 05.7-69 26.98S-02 71.10W-06 29-4 5.2s,5.0b
 BJI IV 19 17 49 06.6 27.10S 71.20W 13 5.5s,5.5b
 ISC Event type fe.
 IDC Error ellipse: s-maj=22.0km s-min=14.0km az=86.0.
 MOS Error ellipse: s-maj=14.1km s-min=7.7km az=97.7.
 NEIC Event type fe. Felt [IV] at Copiapo and [III] at Caldera, Chanaral, Inca de Oro, Tierra Amarilla and Valenar. After GUC.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s101,c215; Mantle waves: s93,c178; Half duration: 1s6 Moment tensor: Scale 10¹⁷Nm; M_r=0.32±0.03 M₀=0.84±0.03; M₁=-1.16±0.03; M₂=0.31±0.08; M₃=-2.78±0.03; M₄=0.05±0.09; Best double couple: NP1:φ=170.00000°; λ=174.00000°; NP2:φ=174.00000°; λ=174.00000°; Principal axes: T 2.8260,Plg6.0000°; Azm35.0000°; N 0.2970,Plg83.0000°; Azm235.0000°; P -3.1200,Plg2.0000°; Azm125.0000°; M0.297300×10¹⁷

GUC Error ellipse: s-maj=1.9km s-min=3.4km az=-1.0.
 ISCJB Event type fe. Error ellipse: s-maj=8.4km s-min=4.0km az=171.2.
 (121) Off coast of northern Chile

ISC	IV	19 17 52 52.2-31	26.92S-05	70.97W-08	10	4.9b	75	5-178
ISCJB	IV	19 17 52 50.4-31	26.93S-05	70.99W-08	10	4.9b		¶19597507
IDC	IV	19 17 52 50.2-63	26.90S	71.07W	0	4.9,4.8		
MOS	IV	19 17 52 50.8-14	26.93S	71.12W	10	5.3b,4.8		
BJI	IV	19 17 52 52.0	26.90S	71.00W	10	5.6s,5.3b		
NEIC	IV	19 17 52 52.0-26	26.94S	70.99W	10	5.1b,5.3b		

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=10.3km s-min=7.1km az=171.0.
 IDC Error ellipse: s-maj=27.1km s-min=18.9km az=63.0.
 MOS Error ellipse: s-maj=24.9km s-min=13.6km az=109.1.
 NEIC Event type se. Error ellipse: s-maj=13.3km s-min=7.0km az=58.0.

(274) Southern Sumatra

ISC	IV	19 20 34 17.5-35	5.20S-06	102.55E-08	46	4.6b	49	9-93
IDC	IV	19 20 34 10.5-85	5.17S	102.53E	0	5.8,5.8s		¶18320802
ISCJB	IV	19 20 34 14.0-35	5.19S-06	102.58E-08	33	4.6b,5.8s		
BJI	IV	19 20 34 14.5	5.33S	102.80E	52	5.3b,4.7b		
NEIC	IV	19 20 34 16.9-35	5.17S	102.54E	45	4.6b,4.7b		

ISC Event type se.
 IDC Error ellipse: s-maj=34.4km s-min=13.0km az=46.0.
 ISCJB Event type se. Error ellipse: s-maj=12.5km s-min=6.6km az=107.5.
 NEIC Event type se. Error ellipse: s-maj=11.7km s-min=6.1km az=54.0.

(705) Off west coast of northern Sumatra

ISC	IV	19 20 36 47.8-13	2.64N-02	93.23E-02	24	5.9s,5.6b	949	6-171
IDC	IV	19 20 36 43.0-34	2.63N	93.31E	0	5.7L,5.7s		¶18320804
CRAAG	IV	19 20 36 43.5	2.88N	93.28E	6	6.0W,5.5s		
SZGRF	IV	19 20 36 44.8	2.22N	93.81E	33	5.7s,6.6b		
ISCJB	IV	19 20 36 45.7-13	2.66N-02	93.24E-02	23	5.9s,5.6b		
NEIC	IV	19 20 36 46.4-13	2.64N	93.23E	17	6.7,6.2W		
BJI	IV	19 20 36 46.7	2.88N	93.11E	22	6.4s,5.9s		
MOS	IV	19 20 36 47.7-10	2.73N	93.29E	38	5.8b,5.7s		
HRVD	IV	19 20 36 48.3-10	2.70N	93.22E	17-0	6.2W,5.7s		

ISC Event type fe.
 IDC Error ellipse: s-maj=14.1km s-min=9.0km az=42.0.
 SZGRF Off west coast of northern Sumatra, Indonesia.
 ISCJB Event type fe. Error ellipse: s-maj=3.6km s-min=2.5km az=24.9.
 NEIC Event type fe. Error ellipse: s-maj=5.7km s-min=3.6km az=211.0. Felt [III] on Simeulue and [II] at Banda Aceh. Felt at Langsa. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s68 Moment tensor: Scale 10¹⁸Nm; M_r=-0.08 M₀=1.42 M₁=0.39 M₂=-1.52 M₃=-0.22 Best double couple: NP1:φ=112.00000°; λ=168.00000°; NP2:φ=202.00000°; λ=168.00000°; Principal axes: T 2.2200,Plg10.0000°; Azm66.00000°; N -0.1200,Plg78.0000°; Azm283.0000°; P -2.1000,Plg7.0000°; Azm158.0000°; M0.200000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=105.00000°; λ=175.00000°; NP2:φ=15.00000°; λ=5.00000°; Principal axes: T Plg0.0000°; Azm240.0000°; N Plg0.0000°; Azm0.0000°; P Plg7.0000°; Azm330.0000°

MOS Error ellipse: s-maj=7.8km s-min=3.6km az=125.2.
 HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s101,c215; Mantle waves: s108,c408; Half duration: 3s1 Moment tensor: Scale 10¹⁸Nm; M_r=0.44±0.01 M₀=1.29±0.01; M₁=-1.73±0.1; M₂=0.26±0.03; M₃=-1.80±0.1; M₄=0.94±0.04; Best double couple: NP1:φ=110.00000°; λ=176.00000°; NP2: φ=19.00000°; λ=24.00000°; Principal axes: T 2.7480,Plg13.0000°; Azm67.0000°; N -0.3950,Plg66.0000°; Azm189.0000°; P -2.3550,Plg19.0000°; Azm332.0000°; M0.255100×10¹⁸

(306) Xizang

ISC	IV	19 21 05 40.8-12	31.59N-02	90.45E-02	18	5.6s,5.1b	570	2-162
IDC	IV	19 21 05 37.5-50	31.50N	90.49E	0	5.3s,5.2		¶10697871
ISCJB	IV	19 21 05 38.6-13	31.58N-02	90.44E-02	17	5.6s,5.1b		
LDG	IV	19 21 05 38.2-23	31.88N	90.21E	10-0	5.4b,5.1b		
SZGRF	IV	19 21 05 39.8	31.28N	90.59E	18	5.2b,5.1b		
MOS	IV	19 21 05 39.3-94	31.50N	90.33E	24	5.4b,5.3s		
CRAAG	IV	19 21 05 40.7	31.58N	90.48E	5	5.3b,5.3s		
BJI	IV	19 21 05 40.6	31.62N	90.59E	32	5.9s,9.9b		
NEIC	IV	19 21 05 43.0-2.5	31.61N	90.41E	33-17	5.7s,5.2b		
HRVD	IV	19 21 05 43.0-10	31.61N	90.67E	23-0	5.7W,5.2b		

ISC Event type de.
 IDC Error ellipse: s-maj=18.0km s-min=12.1km az=48.0.
 ISCJB Event type de. Error ellipse: s-maj=3.0km s-min=2.4km az=8.2.
 LDG Event type ke. Error ellipse: s-maj=10.8km s-min=3.9km az=116.0.
 SZGRF Xizang.
 MOS Error ellipse: s-maj=7.3km s-min=3.9km az=121.8.
 NEIC Event type de. Error ellipse: s-maj=6.7km s-min=4.0km az=223.0. Some buildings destroyed and many damaged in Baingoin.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s27,c41; Mantle waves: s104,c230; Half duration: 1s7 Moment tensor: Scale 10¹⁷Nm; M_r=0.49±0.09 M₀=3.66±0.07; M₁=4.15±0.07; M₂=0.56±0.12; M₃=1.48±0.05; M₄=0.42±0.11; Best double couple: NP1:φ=325.00000°; λ=179.00000°; NP2:φ=235.00000°; λ=179.00000°; Principal axes: T 4.4740,Plg6.0000°; Azm281.0000°; N -0.4810,Plg80.0000°; Azm47.0000°; P -3.9970,Plg8.0000°; Azm190.0000°; M0.423600×10¹⁷

(230) Near south coast of eastern Honshu

ISC	IV	20 17 50 39.2-42	34.92N-02	139.22E-02	12-2	5.4s,5.2b	668	0-157
NIED	IV	20 17 50 00	34.90N	139.20E	8	5.6W,5.2b		¶10697888
IDC	IV	20 17 50 36.8-38	34.88N	139.15E	0	5.3,5.3s		
ISCJB	IV	20 17 50 38.7-41	34.86N-02	139.17E-02	19-2	5.4s,5.2b		
JMA	IV	20 17 50 39.5	34.94N	139.20E	7-1	5.8,5.2b		
MOS	IV	20 17 50 39.2-1.1	34.85N	139.13E	22	5.5s,5.4b		
NEIC	IV	20 17 50 40.5-15	34.86N	139.21E	23	5.6W,5.6W		
BJI	IV	20 17 50 40.4	34.90N	139.20E	22	5.8s,5.6b		
HRVD	IV	20 17 50 40.5-10	34.92N	139.20E	12	5.6W,5.6b		
SZGRF	IV	20 17 50 43.7	35.41N	140.21E	33	5.5s,5.3b		

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=81.00000°; λ=164.00000°; NP2:φ=349.00000°; λ=6.00000°; M0.276000×10¹⁷
 IDC Error ellipse: s-maj=15.4km s-min=8.8km az=79.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.4km s-min=3.3km az=173.3.
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=178.00000°; λ=3.00000°; NP2:φ=268.00000°; λ=176.00000°; Principal axes: T Plg1.0000°; Azm43.0000°; N Plg85.0000°; Azm302.0000°; P Plg5.0000°; Azm133.0000°

MOS Error ellipse: s-maj=8.7km s-min=4.1km az=109.0.
 NEIC Event type fe. Error ellipse: s-maj=4.6km s-min=4.0km az=165.0. Felt in the Tokyo-Shizuoka area. Recorded [4 JMA] in Kanagawa, Shizuoka and Tokyo; [3 JMA] in Chiba and Yamanaishi; [2 JMA] in Aichi, Nagano, Saitama and Tochigi; [1 JMA] in Gifu, Gumma, Ibaraki, Niigata and Shiga Prefectures. Moment Tensor Solution. M0.800000×10¹⁷ Moment Tensor Solution. s6 Moment tensor: Scale 10¹⁷Nm; M_r=0.59 M₀=0.19 M₁=0.79 M₂=1.04 M₃=-2.39 M₄=0.11 Best double couple: NP1:φ=81.00000°; λ=155.00000°; NP2:φ=176.00000°; λ=155.00000°; Principal axes: T 2.5500,Plg25.0000°; Azm36.0000°; N 0.2900,Plg63.0000°; Azm241.0000°; P -2.8300,Plg10.0000°; Azm131.0000°; M0.270000×10¹⁷

IDC Error ellipse: s-maj=15.4km s-min=8.8km az=79.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.4km s-min=3.3km az=173.3.
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=178.00000°; λ=3.00000°; NP2:φ=268.00000°; λ=176.00000°; Principal axes: T Plg1.0000°; Azm43.0000°; N Plg85.0000°; Azm302.0000°; P Plg5.0000°; Azm133.0000°

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s81,c154; Mantle waves: s106,c269; Half duration: 1s5 Moment tensor: Scale 10¹⁷Nm; M_r=0.32±0.03 M₀=0.84±0.03; M₁=-1.16±0.03; M₂=0.31±0.08; M₃=-2.78±0.03; M₄=0.05±0.09; Best double couple: NP1:φ=170.00000°; λ=174.00000°; NP2:φ=174.00000°; λ=174.00000°; Principal axes: T 2.8260,Plg6.0000°; Azm35.0000°; N 0.2970,Plg83.0000°; Azm235.0000°; P -3.1200,Plg2.0000°; Azm125.0000°; M0.297300×10¹⁷

SZGRF Near east coast of eastern Honshu, Japan.
 (671) Eastern Siberia

ISC	IV	20 23 25 03.0-07	61.04N-01	167.10E-02	27	7.6s,6.6b	1698	1-169
KRSC	IV	20 23 24 57.8-2.5	60.98N	167.37E	1-5	7.1L,6.6b		¶10697894
IDC	IV	20 23 24 58.4-29	60.93N	167.02E	0	7.5s,7.5		
MOS	IV	20 23 24 58.7-78	61.03N	167.09E	10	7.7s,6.8b		
BJI	IV	20 23 24 59.3	60.96N	167.52E	33	8.3s,7.9s		
SZGRF	IV	20 23 24 59.3	60.27N	166.25E	33	7.7s,7.1b		
ISCJB	IV	20 23 25 01.1-07	60.98N-01	167.09E-02	25	7.6s,6.6b		
HRVD	IV	20 23 25 02.2-10	60.89N	167.05E	12	7.6W,6.6b		
CRAAG	IV	20 23 25 02.8	61.10N	167.20E	2	7.7W,6.6b		
NEIC	IV	20 23 25 02.1-09	60.95N	167.09E	22	7.6s,7.3		
BGS	IV	20 23 25 03.3	60.80N	168.77E	43	7.3s,6.4b		
IGIL	IV	20 23 25 06.0	61.09N	167.10E	43	7.7s,6.4b		

ISC Event type de.
 KRSC Event type se.
 IDC Error ellipse: s-maj=9.5km s-min=8.0km az=138.0.
 MOS Event type fe. Error ellipse: s-maj=6.8km s-min=3.6km az=94.9. Fault plane solution: P-wave C262, D39. Felt (IV-V) at Tillichiki, Oссора, Korf; (II) at Magadan. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=48.00000°; λ=114.00000°; NP2: φ=194.00000°; λ=84.00000°; λ=66.00000°; Principal axes: T Plg72.0000°; Azm31.0000°; N Plg18.0000°; Azm211.0000°; P Plg0.0000°; Azm121.0000°; M0.790000×10¹⁹

SZGRF Eastern Siberia, Russia.
 ISCJB Event type de. Error ellipse: s-maj=2.0km s-min=1.6km az=130.3.
 HRVD Event type de. Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s108,c291; Mantle waves: s110,c549; Half duration: 1s51 Moment tensor: Scale 10²⁰Nm; M_r=2.80±0.01 M₀=0.87±0.01; M₁=-1.93±0.01; M₂=0.66±0.08; M₃=-1.52±0.01; M₄=0.20±0.08; Best double couple: NP1:φ=207.00000°; λ=84.00000°; NP2: φ=44.00000°; λ=101.00000°; Principal axes: T 2.9160,Plg80.0000°; Azm5.0000°; N 0.1470,Plg9.0000°; Azm217.0000°; P -3.0610,Plg5.0000°; Azm126.0000°; M0.298800×10²⁰

NEIC Event type de. Error ellipse: s-maj=2.8km s-min=1.8km az=13.0. About 40 people injured and the villages of Apuka, Khalilino and Vyvenka were destroyed. Some buildings and water supply systems badly damaged in the Korf-Tillichiki area. Damage estimated at 55 million U.S. dollars. Felt [V] at Korf, Oссора and Tillichiki; [II] at Magadan. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M0.730000×10²⁰ Moment Tensor Solution. Moment Tensor Solution. s68 Moment tensor: Scale 10¹⁹Nm; M_r=7.06 M₀=4.33 M₁=2.73 M₂=1.24 M₃=5.40 M₄=-4.91 Best double couple: NP1:φ=202.00000°; λ=60.00000°; NP2:φ=75.00000°; λ=134.00000°; Principal axes: T 9.9000,Plg6.0000°; Azm61.0000°; N -0.5600,Plg29.0000°; Azm221.0000°; P -9.3400,Plg9.0000°; Azm316.0000°; M0.600000×10¹⁹ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=40.00000°; λ=85.00000°; λ=90.00000°; NP2:φ=220.00000°; λ=5.00000°; λ=90.00000°; Principal axes: T Plg90.0000°; Azm0.0000°; N Plg0.0000°; Azm0.0000°; P Plg0.0000°; Azm130.0000°

(671) Eastern Siberia

ISC	IV	20 23 28 04.1-24	60.87N-04	167.21E-08	10	5.8b	126	2-168
ISCJB	IV	20 23 28 02.4-24	60.84N-04	167.24E-08	10	5.8b		¶10697895
MOS	IV	20 23 28 02.9-1.8	60.91N	167.41E	12	6.0b		
IDC	IV	20 23 28 02.1-49	60.91N	166.96E	0	7.0s,7.0		
KRSC	IV	20 23 28 03.2-00	60.89N	166.96E	5-8	5.9L,7.0		
NEIC	IV	20 23 28 03.9-27	60.87N	167.01E	10	6.1b,7.0		

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=5.9km s-min=5.0km az=36.9.
 MOS Error ellipse: s-maj=13.8km s-min=7.7km az=95.7.
 IDC Error ellipse: s-maj=15.7km s-min=12.5km az=78.0.
 KRSC Event type se.
 NEIC Event type se. Error ellipse: s-maj=9.6km s-min=6.4km az=161.0.

(671) Eastern Siberia

ISC	IV	20 23 38 51.8-12	61.31N-02	167.49E-04	54	5.4s,5.2b	396	1-151
IDC	IV	20 23 38 44.3-43	61.27N	167.38E	0	5.0,5.0		¶18582760
MOS	IV	20 23 38 44.9-91	61.31N	167.54E	13	5.4b,5.0		
KRSC	IV	20 23 38 44.0-1.8	61.30N	167.81E	3-7	5.2L,5.5		
BJI	IV	20 23 38 45.0	61.30N	167.50E	10	5.4s,5.3s		
NEIC	IV	20 23 38 46.5-15	61.35N	167.46E	10	5.4b,5.3s		
CSEM	IV	20 23 38 47.9	61.26N					

HRVD	IV	22 07 21 58.0-10	61.14N	167.41E	18-0	5.5W,5.6			
ISC	Event type se.								
MOS	Error ellipse: s-maj=7.7km s-min=3.4km az=92.9.								
IDC	Error ellipse: s-maj=10.8km s-min=9.9km az=16.0.								
SZGRF	Eastern Siberia, Russia.								
ISCJB	Event type se. Error ellipse: s-maj=2.3km s-min=1.8km az=116.1.								
NEIC	Event type se. Error ellipse: s-maj=2.9km s-min=1.6km az=17.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s44 Moment tensor: Scale 1017Nm; Mr1.93 Mm0.26 Mm1.68 Mm-0.15 Mm0.68 Mm-1.15 Best double couple: NP1:φ=195.00000°;δ60.00000°;λ83.00000°; NP2:φ=29.00000°;δ30.00000°;λ103.00000°. Principal axes: T 2.2700,Plg74.0000°;Az=86.0000°; N -0.0200,Plg6.0000°;Az=198.0000°; P -2.2500,Plg15.0000°;Az=290.0000°; M2.30000×1017 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=345.00000°;δ15.00000°;λ90.00000°. NP2:φ=165.00000°;δ75.00000°;λ90.00000°. Principal axes: T Plg60.0000°;Az=75.0000°; N Plg0.0000°;Az=0.0000°; P Plg30.0000°;Az=255.0000°.								
KRSC	Event type se.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s85.c156; Mantle waves: s97.c199;Half duration: 1s0 Moment tensor: Scale 1017Nm; Mr1.21±0.03 Mm0.42±0.03; Mm0.92±0.02; Mm0.64±0.06; Mm0.95±0.02; Mr-1.26±0.07; Best double couple: NP1:φ=54.00000°;δ41.00000°;λ147.00000°. NP2:φ=170.00000°;δ69.00000°;λ54.00000°. Principal axes: T 2.2080,Plg52.0000°;Az=38.0000°; N 0.0760,Plg33.0000°;Az=185.0000°; P -2.2790,Plg17.0000°;Az=286.0000°; M2.24300×1017.								
ISC	(706) Northern Sumatra								
IV	25 18 26 19.4-12	2.00N-02	97.03E-02	33	6.2s,5.8b	879	2-169		
BJI	25 18 26 16.1	2.01N	96.99E	22	6.6s,6.4s			18321157	
MOS	25 18 26 17.7-98	2.08N	97.04E	33	6.0b,6.0s				
CRAAG	25 18 26 17.7	2.06N	97.08E		6.1W,6.0s				
NEIC	25 18 26 17.1-11	1.99N	97.00E	21	6.1,6.1W				
HRVD	25 18 26 17.1-10	1.78N	96.77E	12	6.3W,6.1W				
ISCJB	25 18 26 17.1-12	2.02N-02	97.06E-02	30	6.2s,5.8b				
IDC	25 18 26 17.0-2.4	1.94N	96.99E	21-14	6.1s,6.1				
SZGRF	25 18 26 19.0	1.61N	96.40E	33	6.1s,5.6b				
ISC	Event type fe.								
MOS	Error ellipse: s-maj=7.4km s-min=3.8km az=121.9.								
NEIC	Event type fe. Error ellipse: s-maj=4.6km s-min=3.1km az=26.0. Felt [III] at Gunungstoli. Felt at Medan and Sibolga, Sumatra and at Sinabang, Simeulue. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s16 Moment tensor: Scale 1018Nm; Mr1.21 Mm0.91 Mm0.29 Mm-0.38 Mm0.50 Mm-0.88 Best double couple: NP1:φ=122.00000°;δ72.00000°;λ92.00000°. NP2:φ=297.00000°;δ18.00000°;λ85.00000°. Principal axes: T 2.0400,Plg63.0000°;Az=35.0000°; N -0.0200,Plg2.0000°;Az=301.0000°; P -2.0200,Plg27.0000°;Az=211.0000°; M2.20000×1018 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=305.00000°;δ5.00000°;λ90.00000°. NP2:φ=125.00000°;δ85.00000°;λ90.00000°. Principal axes: T Plg50.0000°;Az=35.0000°; N Plg0.0000°;Az=0.0000°; P Plg40.0000°;Az=215.0000°.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s105.c221; Mantle waves: s83.c243;Half duration: 3s8 Moment tensor: Scale 1018Nm; Mr0.76±0.01 Mm0.53±0.01; Mm0.23±0.01; Mm2.50±0.03; Mm0.47±0.01; Mr-2.72±0.03; Best double couple: NP1:φ=293.00000°;δ7.00000°;λ66.00000°. NP2:φ=137.00000°;δ84.00000°;λ93.00000°. Principal axes: T 3.7440,Plg51.0000°;Az=50.0000°; N 0.0810,Plg3.0000°;Az=317.0000°; P -3.8260,Plg39.0000°;Az=225.0000°; M3.78500×1018.								
ISCJB	Event type fe. Error ellipse: s-maj=3.3km s-min=2.3km az=30.1.								
IDC	Error ellipse: s-maj=12.5km s-min=10.2km az=47.0.								
SZGRF	Off west coast of northern Sumatra, Indonesia.								
ISC	(701) West of Macquarie Island								
IV	26 01 46 02.5-27	57.61S-03	148.0E-10	10	5.9s,5.5b	117	10-171		
CRAAG	26 01 46 01.9	57.49S	147.09E		6.1W,5.5b			18321171	
ISCJB	26 01 46 01.2-28	57.56S-04	148.2E-10	10	5.9s,5.5b				
IDC	26 01 46 01.8-42	57.49S	148.10E	0	5.7s,5.7				
HRVD	26 01 46 03.9-10	57.60S	148.04E	14-0	6.1W,5.7				
NEIC	26 01 46 03.9-18	57.48S	147.57E	10	6.1W,5.9s				
BJI	26 01 46 04.4	57.45S	147.75E	14	6.0s,5.8s				
MOS	26 01 46 08.1-1.8	57.16S	147.81E	33	5.8b,5.8s				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=8.9km s-min=5.1km az=11.6.								
IDC	Error ellipse: s-maj=18.0km s-min=8.6km az=84.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s103.c225; Mantle waves: s105.c380;Half duration: 2s7 Moment tensor: Scale 1018Nm; Mr-0.13±0.01 Mm0.95±0.01; Mm0.82±0.01; Mm0.11±0.02; Mm-1.49±0.01; Mm0.04±0.02; Best double couple: NP1:φ=165.00000°;δ86.00000°;λ-1.00000°. NP2:φ=255.00000°;δ89.00000°;λ-176.00000°. Principal axes: T 1.8030,Plg2.0000°;Az=30.0000°; N -0.1280,Plg86.0000°;Az=265.0000°; P -1.6740,Plg3.0000°;Az=120.0000°; M1.73800×1018.								
NEIC	Event type se. Error ellipse: s-maj=10.0km s-min=6.9km az=89.0. Moment Tensor Solution. M0.10000×1018 Moment Tensor Solution. s8 Moment tensor: Scale 1018Nm; Mr0.51 Mm0.55 Mm-1.05 Mm-0.08 Mm-1.73 Mm0.00 Best double couple: NP1:φ=258.00000°;δ88.00000°;λ177.00000°. NP2:φ=348.00000°;δ87.00000°;λ2.00000°. Principal axes: T 1.6600,Plg3.0000°;Az=213.0000°; N 0.5000,Plg86.0000°;Az=48.0000°; P -2.1600,Plg1.0000°;Az=303.0000°; M1.90000×1018.								
MOS	Error ellipse: s-maj=26.8km s-min=8.4km az=91.8.								
ISC	(567) Zaire								
IV	27 04 18 29.9-22	0.37N-03	29.99E-04	17	5.3b,4.5s	450	2-132		
IDC	27 04 18 26.5-47	0.36N	30.10E	0	4.8,4.8b			18321217	
CRAAG	27 04 18 26.5	0.39N	30.06E		5.3b,4.8b				
BJI	27 04 18 27.1	0.83N	29.43E	18	5.5b,5.3s				
ISCJB	27 04 18 27.9-22	0.40N-03	29.97E-03	16	5.3b,4.5s				
NEIC	27 04 18 28.1-17	0.34N	30.08E	10	5.3b,4.5s				
HRVD	27 04 18 28.1-20	0.46N	29.98E	19-0	5.2W,4.5s				
SZGRF	27 04 18 28.0	1.45N	30.32E	33	5.3b,4.4s				
ISC	Event type fe.								
IDC	Error ellipse: s-maj=14.8km s-min=10.6km az=108.0.								
ISCJB	Event type fe. Error ellipse: s-maj=4.9km s-min=4.4km az=172.5.								
NEIC	Event type fe. Error ellipse: s-maj=5.2km s-min=3.2km az=95.0. Felt at Kampala and Masaka.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s64.c96; Mantle waves: s78.c141;Half duration: 1s0 Moment tensor: Scale 1017Nm; Mr-0.76±0.02 Mm0.05±0.01; Mm0.81±0.02; Mm-0.00±0.03; Mm0.09±0.01; Mr-0.38±0.03; Best double couple: NP1:φ=189.00000°;δ32.00000°;λ86.00000°. NP2:φ=4.00000°;δ58.00000°;λ-93.00000°. Principal axes: T 0.9100,Plg13.0000°;Az=96.0000°; N -0.0600,Plg2.0000°;Az=5.0000°; P -0.8500,Plg77.0000°;Az=265.0000°; M0.88000×1017.								
SZGRF	Uganda.								
ISC	(173) Tonga Islands								
IV	27 19 13 02.4-17	16.12S-04	173.73W-04	12	5.2b,4.5s	226	3-175		
IDC	27 19 12 59.9-44	16.03S	173.75W	0	5.2,5.2			110698132	
ISCJB	27 19 13 00.6-17	16.11S-04	173.77W-04	11	5.2b,4.5s				
BJI	27 19 13 02.0	15.56S	173.42W	17	5.4b,5.2b				
NEIC	27 19 13 03.7-1.7	16.11S	173.76W	23-12	5.3b,5.2b				
HRVD	27 19 13 03.7-20	16.02S	173.28W	75-1	5.2W,5.2b				
CSEM	27 19 13 04.0	16.04S	173.85W	33	5.5b,5.2b				
MOS	27 19 13 04.3-1.3	16.11S	173.76W	33	5.5b,4.4s				
SZGRF	27 19 13 06.7	17.74S	173.35W	76	5.5b,4.4s				
ISC	Event type se.								
IDC	Error ellipse: s-maj=17.6km s-min=13.1km az=135.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.7km s-min=4.2km az=118.1.								
NEIC	Event type se. Error ellipse: s-maj=6.2km s-min=3.4km az=145.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s69.c110; Mantle waves: s87.c147;Half duration: 1s0 Moment tensor: Scale 1018Nm; Mr2.49±0.20 Mm0.50±0.21; Mm-1.99±0.21; Mm-1.91±0.13; Mm0.35±0.18; Mr-7.74±1.2; Best double couple: NP1:φ=76.00000°;δ21.00000°;λ150.00000°. NP2:φ=194.00000°;δ80.00000°;λ72.00000°. Principal axes: T 8.3580,Plg52.0000°;Az=83.0000°; N 1.2310,Plg18.0000°;Az=197.0000°; P -9.5880,Plg33.0000°;Az=299.0000°; M8.97300×1016.								
MOS	Error ellipse: s-maj=9.8km s-min=6.9km az=49.0.								

SZGRF	Tonga Islands.								
ISC	(406) Central Mid-Atlantic Ridge								
IV	28 07 22 42.6-23	3.97N-05	31.49W-03	10	4.9b,4.6s	355	11-159		
ISCJB	28 07 22 40.4-24	3.97N-05	31.45W-03	10	4.9b,4.6s			110698140	
MOS	28 07 22 40.2-79	3.95N	31.45W	10	5.1b,4.6s				
IDC	28 07 22 42.0-43	3.96N	31.50W	0	4.6,4.6				
BJI	28 07 22 42.0	3.90N	31.50W	10	5.6b,5.3s				
HRVD	28 07 22 42.0-20	3.96N	31.60W	12	5.2b,5.3s				
NEIC	28 07 22 42.0-17	3.92N	31.51W	10	5.0b,5.3s				
SZGRF	28 07 22 48.6	4.61N	31.75W	33	5.1b,4.6s				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=7.5km s-min=4.0km az=131.5.								
MOS	Error ellipse: s-maj=8.9km s-min=4.4km az=58.8.								
IDC	Error ellipse: s-maj=15.1km s-min=10.4km az=146.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s64.c101; Mantle waves: s86.c163;Half duration: 0 Moment tensor: Scale 1016Nm; Mr-1.53±12 Mm1.04±11; Mm0.48±12; Mm0.04±29; Mm0.71±09; Mm0.68±32; Best double couple: NP1:φ=269.00000°;δ84.00000°;λ-178.00000°. NP2:φ=179.00000°;δ88.00000°;λ-6.00000°. Principal axes: T 7.9580,Plg3.0000°;Az=224.0000°; N -1.4970,Plg83.0000°;Az=338.0000°; P -6.4690,Plg6.0000°;Az=134.0000°; M7.21300×1016.								
NEIC	Event type se. Error ellipse: s-maj=5.4km s-min=3.2km az=152.0.								
SZGRF	Central Mid-Atlantic Ridge.								
ISC	(244) Taiwan								
IV	28 09 05 27.2-67	24.00N-02	121.63E-02	12-4	5.1s,4.9b	267	0-168		
NIED	28 09 05 00	23.80N	121.60E	32	5.1W,4.9b			18321285	
JMA	28 09 05 24.6-50	23.83N	121.56E	7	4.4,4.9b				
IDC	28 09 05 24.3-40	23.98N	121.60E	0	5.8s,4.8				
ISCJB	28 09 05 25.2-78	23.93N-02	121.56E-02	12-4	5.1s,4.9b				
BJI	28 09 05 25.5	24.03N	121.61E	8	5.7s,5.6L				
HRVD	28 09 05 26.0-20	23.93N	121.65E	14-1	5.2b,5.6L				
NEIC	28 09 05 26.0-1.0	23.96N	121.57E	8-6	5.6L,5.1b				
MOS	28 09 05 28.0-96	24.03N	121.71E	33	5.2b,5.2s				
SZGRF	28 09 05 30.7	24.18N	121.92E	33	5.2b,5.2s				
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=78.00000°;δ88.00000°;λ145.00000°. NP2:φ=170.00000°;δ55.00000°;λ3.00000°. M4.76000×1016.								
JMA	Error ellipse: s-maj=4.4km s-min=4.1km az=1.0.								
IDC	Error ellipse: s-maj=15.1km s-min=10.3km az=71.0.								
ISCJB	Event type fe. Error ellipse: s-maj=3.8km s-min=3.0km az=175.2.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s54.c79; Mantle waves: s81.c145;Half duration: 1s0 Moment tensor: Scale 1016Nm; Mr2.58±1.9 Mm2.43±1.3; Mm0.15±1.6; Mm4.17±4.3; Mm4.43±1.2; Mm5.78±6.0; Best double couple: NP1:φ=269.00000°;δ22.00000°;λ144.00000°. NP2:φ=32.00000°;δ77.00000°;λ72.00000°. Principal axes: T 7.2270,Plg54.0000°;Az=280.0000°; N 2.3000,Plg18.0000°;Az=37.0000°; P -9.5270,Plg30.0000°;Az=137.0000°; M8.37700×1016.								
NEIC	Event type fe. Error ellipse: s-maj=6.8km s-min=5.4km az=81.0. Felt at Taipei. Recorded [5 TAP] in Hua-lien; [3 TAP] in I-lan and Nan-tou; [2 TAP] in Taoyuan and Yun-lin; [1 TAP] in Chang-hua, Chia, Hsin-chou, Miao-li, T'ai-chung, T'ai-pei and T'ai-tung Counties.								
MOS	Error ellipse: s-maj=9.8km s-min=5.7km az=112.6.								
SZGRF	Taiwan.								
ISC	(291) South of Sumbawa								
IV	29 04 06 13.8-16	11.25S-03	118.48E-03	29	5.9b,5.2s	355	2-172		
IDC	29 04 06 09.5-39	10.94S	118.50E	0	5.7L,5.4b			110698164	
ISCJB	29 04 06 11.6-16	11.23S-03	118.51E-03	28	5.9b,5.2s				
MOS	29 04 06 12.5-96	11.19S	118.40E	33	6.1b,5.0s				
NEIC	29 04 06 13.0-11	11.21S	118.35E	23</					

HRVD Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s112,c282; Mantle waves: s110,c512;Half duration: 4s8 Moment tensor: Scale 1019Nm; M:0.74±0.00 M0±0.18±0.00; M1:0.55±0.00; M2:0.16±0.01; M3:0.56±0.00; M4:0.34±0.01; Best double couple: NP1:φ:239.00000°; φ:127.00000°; NP2: φ:13.00000°; φ:86.00000°; φ:59.00000°; Principal axes: T 0.9070,Plg64.0000°; Azm227.0000°; N 0.0720,Plg25.0000°; Azm31.0000°; P -0.9800,Plg6.0000°; Azm124.0000°; M:0.94400×10¹⁹

SZGRF Eastern Siberia, Russia.

(706) Northern Sumatra

ISC	IV	29 17 08 51.2-22	2.12N-04	96.46E-03	29	6.0s.5.2b	298	3-163
SZGRF	IV	29 17 08 48.6	1.58N	96.72E	33	5.2b.5.2b		118321332
IDC	IV	29 17 08 49.5-3.4	2.15N	96.49E	18-20	5.0,5.0		
ISCJB	IV	29 17 08 49.0-22	2.13N-04	96.50E-03	27	6.0s.5.2b		
BJI	IV	29 17 08 49.2	2.11N	96.46E	30	6.5b.6.1b		
NEIC	IV	29 17 08 50.5-18	2.18N	96.48E	26	5.2b.6.1b		
MOS	IV	29 17 08 50.3-80	2.29N	96.60E	33	5.4b.6.1b		

ISC Event type se.
 SZGRF Off west coast of northern Sumatra, Indonesia.
 IDC Error ellipse: s-maj=16.1km s-min=9.7km az=41.0.
 ISCJB Event type se. Error ellipse: s-maj=6.3km s-min=4.0km az=62.4.
 NEIC Event type se. Error ellipse: s-maj=7.3km s-min=4.1km az=212.0.
 MOS Error ellipse: s-maj=10.3km s-min=5.3km az=120.8.

(334) Mongolia

ISC	IV	30 00 43 10.0-66	44.57N-02	102.45E-02	6-4	5.8s.5.6b	1144	4-174
BJI	IV	30 00 43 07.7	44.54N	102.46E	10	6.2s.6.1b		118321350
MOS	IV	30 00 43 08.5-86	44.51N	102.42E	10	5.8s.5.7b		
ISCJB	IV	30 00 43 09.0-09	44.56N-02	102.39E-02	10	5.8s.5.6b		
LDG	IV	30 00 43 08.9-17	44.61N	102.22E	10-0	5.7b.5.6b		
IDC	IV	30 00 43 08.6-39	44.48N	102.48E	0	5.4s.4.5.4		
CRAAG	IV	30 00 43 09.5	44.57N	102.07E	0	5.7b.5.4		
HRVD	IV	30 00 43 10.6-10	44.56N	102.44E	12	5.7W.5.4		
NEIC	IV	30 00 43 10.2-08	44.52N	102.39E	7	5.7W.5.7s		
SZGRF	IV	30 00 43 12.5	43.98N	102.10E	33	5.7b.5.7s		
BGS	IV	30 00 43 18.5	44.62N	100.95E	33	5.4b.5.7s		

ISC Event type ke.
 MOS Error ellipse: s-maj=5.5km s-min=3.2km az=123.2.
 ISCJB Event type ke. Error ellipse: s-maj=2.3km s-min=1.9km az=48.3.
 LDG Event type ke. Error ellipse: s-maj=7.3km s-min=3.7km az=149.0.
 IDC Error ellipse: s-maj=13.8km s-min=10.4km az=26.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s87,c149; Mantle waves: s105,c259;Half duration: 157 Moment tensor: Scale 1017Nm; M:0.82±0.04 M0±0.63±0.04; M1:0.21±0.05; M2:0.18±0.11; M3:0.33±0.04; M4:0.15±0.13; Best double couple: NP1:φ:353.00000°; φ:141.00000°; NP2:φ:113.00000°; φ:86.00000°; φ:51.00000°; Principal axes: T 3.9560,Plg54.0000°; Azm333.0000°; N 1.0750,Plg34.0000°; Azm133.0000°; P -5.0400,Plg10.0000°; Azm230.0000°; M:4.49800×10¹⁷

NEIC Event type se. Error ellipse: s-maj=2.4km s-min=1.8km az=197.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s38 Moment tensor: Scale 1017Nm; M:0.315 M0±1.81 M1±1.12 M2±0.14 M3±0.90 Best double couple: NP1:φ:116.00000°; φ:850.00000°; φ:58.00000°; NP2: φ:340.00000°; φ:849.00000°; φ:123.00000°; Principal axes: T 3.8000,Plg66.0000°; Azm319.0000°; N -0.0700,Plg24.0000°; Azm137.0000°; P -3.7300,Plg1.0000°; Azm228.0000°; M:3.80000×10¹⁷ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ:107.00000°; φ:854.00000°; φ:53.00000°; NP2:φ:340.00000°; φ:850.00000°; φ:130.00000°; φ:858.00000°; φ:50.00000°; Principal axes: T 1.0180,Plg57.0000°; Azm204.0000°; N 0.0550,Plg33.0000°; Azm13.0000°; P -1.0730,Plg5.0000°; Azm106.0000°; M:1.04600×10¹⁷

SZGRF Mongolia.

(153) South Sandwich Islands region

ISC	IV	30 03 51 29.3-2.7	59.70S-06	26.2W-10	32-19	5.3b.4.8s	82	8-168
ISCJB	IV	30 03 51 23.7-3.8	59.62S-06	26.1W-10	5-24	5.3b.4.8s		110698185
HRVD	IV	30 03 51 28.1-20	60.08S	25.2W	39-0	5.3W.4.8s		
BJI	IV	30 03 51 28.0	59.70S	26.20W	24	5.3s.5.3b		
CSEM	IV	30 03 51 28.4	59.55S	26.06W	40	5.6b.5.5b		
NEIC	IV	30 03 51 28.1-15	59.65S	26.16W	24	5.4b.4.8s		
IDC	IV	30 03 51 35.3-4.3	59.67S	26.49W	81-36	5.2,5.0		

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.2km s-min=6.3km az=87.4.
 HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s67,c107; Mantle waves: s79,c137;Half duration: 1s1 Moment tensor: Scale 1017Nm; M:0.72±0.02 M0±0.21±0.02; M1:0.09±0.37±0.02; M2:0.41±0.01; M3:0.28±0.02; Best double couple: NP1:φ:227.00000°; φ:849.00000°; φ:136.00000°; NP2:φ:350.00000°; φ:858.00000°; φ:50.00000°; Principal axes: T 1.0180,Plg57.0000°; Azm204.0000°; N 0.0550,Plg33.0000°; Azm13.0000°; P -1.0730,Plg5.0000°; Azm106.0000°; M:1.04600×10¹⁷

NEIC Event type se. Error ellipse: s-maj=7.4km s-min=4.6km az=48.0.
 HRVD Error ellipse: s-maj=16.7km s-min=12.1km az=52.0.

(173) Tonga Islands

ISC	IV	30 15 08 42.9-19	15.66S-05	172.99W-04	23	5.2b.5.1s	189	2-174
IDC	IV	30 15 08 39.9-50	15.46S	173.33W	0	5.1s.5.1		119598267
ISCJB	IV	30 15 08 40.8-20	15.67S-05	173.03W-04	22	5.2b.5.1s		
HRVD	IV	30 15 08 41.1-10	15.48S	172.60W	18-0	5.5W.5.1s		
NEIC	IV	30 15 08 41.1-18	15.44S	173.23W	10	5.5W.5.4b		
BJI	IV	30 15 08 41.1	15.40S	173.20W	10	5.6b.5.2s		
SZGRF	IV	30 15 08 41.6	16.55S	172.48W	33	5.2b.5.2s		
MOS	IV	30 15 08 47.1-1.6	14.62S	173.14W	33	5.4b.5.1s		

ISC Event type se.
 IDC Error ellipse: s-maj=20.7km s-min=11.9km az=137.0.
 ISCJB Event type se. Error ellipse: s-maj=8.4km s-min=4.9km az=123.3.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s92,c164; Mantle waves: s98,c196;Half duration: 1s4 Moment tensor: Scale 1017Nm; M:1.89±0.03 M0±0.21±0.02; M1:0.21±0.03; M2:0.14±0.06; M3:0.24±0.02; M4:0.16±0.07; Best double couple: NP1:φ:165.00000°; φ:826.00000°; φ:176.00000°; NP2:φ:1.00000°; φ:865.00000°; φ:197.00000°; Principal axes: T 2.5040,Plg69.0000°; Azm285.0000°; N 0.1960,Plg6.0000°; Azm179.0000°; P -2.7050,Plg20.0000°; Azm86.0000°; M:2.60500×10¹⁷

NEIC Event type se. Error ellipse: s-maj=11.6km s-min=4.9km az=142.0. Moment Tensor Solution. s13 Moment tensor: Scale 1017Nm; M:1.92 M0±0.90 M1±0.01 M2±0.02 M3±0.92 M4±0.05 Best double couple: NP1:φ:222.00000°; φ:845.00000°; φ:88.00000°; NP2:φ:45.00000°; φ:845.00000°; φ:92.00000°; Principal axes: T 1.9200,Plg88.0000°; Azm56.0000°; N -0.0400,Plg2.0000°; Azm223.0000°; P -1.8800,Plg0.0000°; Azm313.0000°; M:1.90000×10¹⁷

SZGRF Samoa Islands region.

MOS Error ellipse: s-maj=15.4km s-min=9.7km az=71.1.

(121) Off coast of northern Chile

ISC	IV	30 19 17 15.7-13	27.10S-02	71.24W-03	14	6.5s.5.9b	497	0-178
GUC	IV	30 19 17 12.2-67	27.10S	71.40W	6-3	6.3L.5.9b		110698202
ISCJB	IV	30 19 17 13.9-13	27.10S-02	71.27W-04	13	6.5s.5.9b		
MOS	IV	30 19 17 13.7-1.4	26.81S	71.04W	10	6.5s.6.4b		
IDC	IV	30 19 17 13.2-39	27.13S	70.67W	0	6.5s.6.5		
NEIC	IV	30 19 17 15.0-15	27.02S	71.02W	12	6.7W.6.5		
LDG	IV	30 19 17 15.6-28	26.07S	71.10W	10-0	6.5s.5.8b		
CRAAG	IV	30 19 17 15.7	27.02S	71.14W	0	6.7W.5.8b		
IGIL	IV	30 19 17 15.3	26.93S	70.86W	10	6.9s.5.8b		
HRVD	IV	30 19 17 17.2-10	27.17S	71.52W	15-0	6.8W.5.8b		
BJI	IV	30 19 17 18.9	26.61S	70.97W	26	6.7s.6.7s		

ISC Event type fe.
 GUC Error ellipse: s-maj=2.2km s-min=3.8km az=-1.0.
 ISCJB Event type fe. Error ellipse: s-maj=4.6km s-min=2.9km az=151.6.
 MOS Error ellipse: s-maj=10.2km s-min=5.7km az=95.7.
 IDC Error ellipse: s-maj=18.4km s-min=14.3km az=91.0.
 NEIC Event type fe. Error ellipse: s-maj=6.4km s-min=3.9km az=62.0. Felt [V] at Copiapo; [IV] at Caldera and Chanarral; [III] at Huasco. Felt at Taltal. Also felt at San Juan, Argentina. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M:1.00000×10¹⁹ Moment Tensor Solution. s22 Moment tensor: Scale 1019Nm; M:0.46 M0±0.05 M1±0.01 M2±0.01 M3±0.14 M4±0.16 Best double couple: NP1:φ:180.00000°; φ:881.00000°; φ:195.00000°; NP2:φ:331.00000°; φ:810.00000°; φ:61.00000°; Principal axes: T 1.6200,Plg53.0000°; Azm96.0000°; N 0.0500,Plg5.0000°; Azm339.0000°; P -1.6600,Plg36.0000°; Azm266.0000°; M:1.60000×10¹⁹ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:

φ:68.00000°; φ:844.00000°; φ:150.00000°; NP2:φ:180.00000°; φ:870.00000°; φ:150.00000°; Principal axes: T Plg49.0000°; Azm47.0000°; N Plg0.0000°; Azm0.0000°; P Plg15.0000°; Azm298.0000°

LDG Event type ke. Error ellipse: s-maj=25.6km s-min=16.3km az=139.0.
 HRVD Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s108,c261; Mantle waves: s107,c482;Half duration: 4s9 Moment tensor: Scale 1019Nm; M:0.46±0.00 M0±0.03±0.00; M1:0.04±0.00; M2:0.10±0.01; M3:0.02±0.00; M4:0.89±0.02; Best double couple: NP1:φ:11.00000°; φ:814.00000°; φ:106.00000°; NP2: φ:175.00000°; φ:876.00000°; φ:186.00000°; Principal axes: T 0.9970,Plg59.0000°; Azm79.0000°; N 0.0240,Plg4.0000°; Azm176.0000°; P -1.0210,Plg31.0000°; Azm268.0000°; M:1.00900×10¹⁹

(122) Near coast of northern Chile

ISC	IV	30 19 26 17.1-2.5	27.03S-04	71.01W-07	28-17	6.1s.5.0b	143	5-178
MOS	IV	30 19 26 12.9-95	27.00S	71.08W	10	5.9s.5.0b		118321394
ISCJB	IV	30 19 26 12.8-22	27.02S-04	71.06W-06	10	6.1s.5.0b		
IDC	IV	30 19 26 12.0-50	27.03S	71.08W	0	4.8b.4.8		
LDG	IV	30 19 26 14.8-56	26.29S	71.23W	10-0	5.2b.4.8		
BJI	IV	30 19 26 14.2	27.00S	71.00W	10	6.4s.6.1b		
NEIC	IV	30 19 26 14.3-17	27.02S	71.03W	10	5.2b.6.1b		

ISC Event type ke.
 MOS Error ellipse: s-maj=13.0km s-min=7.8km az=86.0.
 ISCJB Event type ke. Error ellipse: s-maj=8.7km s-min=5.0km az=132.4.
 IDC Error ellipse: s-maj=23.2km s-min=14.6km az=86.0.
 LDG Event type ke. Error ellipse: s-maj=40.1km s-min=28.4km az=9.0.
 NEIC Event type se. Error ellipse: s-maj=6.9km s-min=4.6km az=68.0.

(173) Tonga Islands

ISC	IV	30 19 33 19.8-18	15.57S-05	173.07W-04	15	5.9s.5.5b	239	2-174
ISCJB	IV	30 19 33 17.9-19	15.55S-05	173.11W-04	14	5.9s.5.5b		118321395
IDC	IV	30 19 33 17.3-39	15.55S	173.10W	0	5.7s.5.7		
HRVD	IV	30 19 33 18.9-20	15.54S	172.58W	18-0	6.0W.5.7		
BJI	IV	30 19 33 18.6	14.97S	172.85W	5	6.3b.6.2s		
NEIC	IV	30 19 33 18.9-14	15.52S	173.10W	10	5.9s.5.8b		
MOS	IV	30 19 33 21.6-1.6	15.49S	173.11W	33	5.8s.5.8s		
CRAAG	IV	30 19 33 21.4	15.52S	173.15W	5	5.8s.5.8s		
SZGRF	IV	30 19 33 22.5	15.80S	172.15W	33	5.8s.5.8s		

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=8.3km s-min=4.8km az=110.6.
 IDC Error ellipse: s-maj=16.8km s-min=10.9km az=136.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s62,c97; Mantle waves: s84,c211;Half duration: 2s3 Moment tensor: Scale 1018Nm; M:0.89±0.02 M0±0.06±0.01; M1:0.95±0.02; M2:0.04±0.04; M3:0.11±0.01; M4:0.55±0.04; Best double couple: NP1:φ:173.00000°; φ:830.00000°; φ:88.00000°; NP2:φ:355.00000°; φ:860.00000°; φ:91.00000°; Principal axes: T 1.0430,Plg75.0000°; Azm268.0000°; N 0.0740,Plg1.0000°; Azm175.0000°; P -1.1180,Plg15.0000°; Azm84.0000°; M:1.08000×10¹⁸

NEIC Event type se. Error ellipse: s-maj=7.6km s-min=3.9km az=145.0.
 MOS Error ellipse: s-maj=9.4km s-min=7.4km az=52.2.
 SZGRF Samoa Islands region.

(122) Near coast of northern Chile

ISC	IV	30 20 09 29.7-90	27.12S-03	71.13W-07	28-6	6.3s.5.1b	163	0-
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HRVD	IV	30 21 40 58.4-10	27.28S	71.55W	13-0	6.5W,6.4b
BJI	IV	30 21 40 58.4	27.20S	71.10W	12	6.6s,6.5s
NEIC	IV	30 21 40 58.4-15	27.21S	71.06W	12	6.7s,6.3L
LDG	IV	30 21 40 59.5-24	26.42S	70.80W	10-0	6.5s,5.8b
IGIL	IV	30 21 40 59.0	27.17S	71.01W	10	6.9s,5.8b
ISCJB	IV	30 21 40 59.2-14	27.24S-02	71.09W-04	29	6.5s,5.8b

ISC Event type fe.
 HRVD nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s110,c245; Mantle waves: s106,c456; Half duration: 4:2 Moment tensor: Scale 1018Nm; Mr:3.44;0.03; Mw:0.50;0.02; Ms:3.94;0.02; M1:0.1;0.5; M2:0.12;0.02; M3:5.28;1.2; Best double couple: NP1:0.14,0.00000; 0.18,0.00000; 0.112,0.00000; NP2:0.171,0.00000; 0.83,0.00000; 0.83,0.00000; Principal axes: T 6.3470,Plg61.00000; Azm70.00000; N 0.3610,Plg7.00000; Azm173.00000; P -6.7100,Plg28.00000; Azm267.00000; M6.52800x1018

NEIC	Event type fe. Felt [V] at Copiapo, [IV] at Caldera and [II] at La Serena. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M1.00000x1019 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:0.360,0.00000; 0.815,0.00000; 0.815,0.00000; NP2:0.180,0.00000; 0.875,0.00000; 0.875,0.00000; Principal axes: T Plg60.00000; Azm90.00000; N Plg0.00000; Azm0.00000; P Plg30.00000; Azm270.00000
LDG	Event type ke.
ISCJB	(122) Near coast of northern Chile

ISC	IV	30 21 59 51.6-15	27.31S-02	71.09W-04	32	6.2s,5.2b	240	0-178
GUC	IV	30 21 59 47.3-81	27.36S	71.29W	11-5	5.3L,5.2b		118321416
MOS	IV	30 21 59 47.6-12	27.04S	71.03W	10	5.5b,5.2b		
LDG	IV	30 21 59 49.8-27	26.16S	70.93W	10-0	5.3b,5.0s		
ISCJB	IV	30 21 59 49.6-15	27.32S-02	71.18W-04	30	6.2s,5.2b		
CSEM	IV	30 21 59 51.4	26.98S	70.96W	30	5.5b,5.2b		
IDC	IV	30 21 59 51.9-52	27.17S	71.20W	32-3	4.9,4.8b		
BJI	IV	30 21 59 51.8	27.10S	71.00W	30	6.4s,6.2s		
NEIC	IV	30 21 59 51.9-19	27.15S	70.99W	30	5.3b,6.2s		

ISC Event type ke. Error ellipse: s-maj=3.1km s-min=4.9km az=-1.0.
 GUC Error ellipse: s-maj=11.4km s-min=7.1km az=93.3.
 MOS Error ellipse: s-maj=24.5km s-min=15.4km az=136.0.
 LDG Event type ke. Error ellipse: s-maj=4.9km s-min=2.7km az=163.5.
 ISCJB Event type se. Error ellipse: s-maj=8.4km s-min=4.8km az=60.0.
 IDC Error ellipse: s-maj=17.4km s-min=12.0km az=69.0.
 NEIC Event type se. Error ellipse: s-maj=8.4km s-min=4.8km az=60.0.

ISC	IV	30 22 55 56.9-26	27.09S-03	70.96W-05	27	5.7s,4.7b	121	0-178
GUC	IV	30 22 55 52.9-1.1	27.09S	71.18W	30-8	4.9L,4.7b		118321423
NEIC	IV	30 22 55 52.9	27.09S	71.18W	30	4.9L,4.8b		
IDC	IV	30 22 55 52.1-51	27.06S	71.07W	0	4.7,4.7		
MOS	IV	30 22 55 53.5-1.5	26.92S	71.03W	10	5.3b,4.7		
ISCJB	IV	30 22 55 55.0-25	27.11S-03	71.09W-04	26	5.7s,4.7b		
BJI	IV	30 22 55 56.3	26.92S	71.33W	30	5.8s,5.7b		

ISC Event type se. Error ellipse: s-maj=5.9km s-min=10.7km az=-1.0.
 GUC Error ellipse: s-maj=23.2km s-min=15.6km az=89.0.
 NEIC Error ellipse: s-maj=15.1km s-min=10.8km az=76.7.
 IDC Event type se. Error ellipse: s-maj=5.7km s-min=4.5km az=107.2.
 ISCJB (122) Near coast of northern Chile

ISC	IV	30 23 04 45.3-19	27.24S-03	71.01W-04	31	5.5s,5.2b	217	0-178
IDC	IV	30 23 04 40.1-48	27.31S	71.12W	0	5.4,5.4s		118321426
MOS	IV	30 23 04 40.7-1.1	27.19S	71.09W	10	5.6b,5.4s		
NEIC	IV	30 23 04 41.0	27.23S	71.20W	37	5.5s,5.3L		
GUC	IV	30 23 04 41.1-1.0	27.23S	71.20W	37-7	5.3L,5.3L		
HRVD	IV	30 23 04 41.0-30	27.42S	71.61W	22-1	5.8W,5.3L		
CSEM	IV	30 23 04 43.7	27.14S	70.83W	30	5.5b,5.3L		
LDG	IV	30 23 04 43.1-26	26.35S	71.15W	10-0	5.4s,5.3b		
ISCJB	IV	30 23 04 43.3-19	27.25S-02	71.10W-04	30	5.5s,5.2b		
BJI	IV	30 23 04 45.1	27.13S	71.54W	37	5.9s,5.9b		

ISC Event type fe. Error ellipse: s-maj=23.5km s-min=13.9km az=85.0.
 GUC Error ellipse: s-maj=11.7km s-min=7.0km az=88.0.
 NEIC Event type fe. Felt [V] at Copiapo and [IV] at Caldera. After GUC.
 GUC Error ellipse: s-maj=3.0km s-min=11.7km az=-1.0.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s38,c49; Mantle waves: s73,c128; Half duration: 1:9 Moment tensor: Scale 1017Nm; Mr:3.26;0.20; Mw:0.17;0.10; Ms:0.42;1.4; M1:0.81;1.18; M2:0.40;0.07; M3:4.63;3.38; Best double couple: NP1:0.357,0.00000; 0.818,0.00000; 0.818,0.00000; NP2:0.171,0.00000; 0.872,0.00000; 0.88,0.00000; Principal axes: T 5.6820,Plg63.00000; Azm78.00000; N 0.2000,Plg2.00000; Azm171.00000; P -5.8770,Plg27.00000; Azm262.00000; M5.77900x1017

LDG	Event type ke. Error ellipse: s-maj=24.2km s-min=15.2km az=125.0.							
ISCJB	Event type fe. Error ellipse: s-maj=5.3km s-min=3.3km az=140.5.							
ISC	V	01 01 35 51.5-57	27.16S-02	71.00W-04	29-3	5.2b,4.9s	306	0-178
IDC	V	01 01 35 46.6-45	27.10S	71.00W	0	5.0b,5.0		118321432
BJI	V	01 01 35 48.5	26.83S	72.00W	16	5.7s,5.5s		
ISCJB	V	01 01 35 49.9-64	27.17S-02	71.09W-05	30-4	5.2b,4.9s		
NEIC	V	01 01 35 49.0	27.26S	71.18W	16	5.5L,5.3b		
HRVD	V	01 01 35 49.0-30	27.26S	71.67W	30-1	5.4W,5.3b		
GUC	V	01 01 35 49.2-84	27.26S	71.18W	16-7	5.5L,5.3b		
LDG	V	01 01 35 50.0-24	26.25S	70.91W	10-0	5.4b,4.9s		
MOS	V	01 01 35 50.8-93	26.94S	71.02W	29	5.5b,4.8s		

ISC Event type fe. Error ellipse: s-maj=15.5km s-min=11.9km az=84.0.
 ISCJB Event type fe. Error ellipse: s-maj=6.9km s-min=3.7km az=155.7.
 NEIC Event type fe. Felt [IV] at Copiapo and [III] at Caldera. After GUC.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s56,c69; Mantle waves: s69,c109; Half duration: 1:2 Moment tensor: Scale 1017Nm; Mr:0.93;0.5 Mw:0.04;0.03; Ms:0.96;0.4; M1:0.21;0.04; M2:0.13;0.02; M3:1.07;0.06; Best double couple: NP1:0.21,0.00000; 0.822,0.00000; 0.815,0.00000; NP2:0.174,0.00000; 0.870,0.00000; 0.80,0.00000; Principal axes: T 1.4500,Plg64.00000; Azm67.00000; N -0.0010,Plg9.00000; Azm177.00000; P -1.4500,Plg24.00000; Azm271.00000; M1.45000x1017

NEIC	Event type se. Error ellipse: s-maj=14.8km s-min=8.3km az=153.0.							
IDC	Error ellipse: s-maj=18.0km s-min=12.1km az=162.0.							
ISC	(65) Off coast of Guerrero							
ISC	V	01 03 17 43.5-38	16.16N-03	98.64W-03	23	5.0s,4.8b	202	1-147
NEIC	V	01 03 17 40.1	15.92N	98.82W	24	5.0b,4.7		110698219
MEX	V	01 03 17 40.2-1.5	15.92N	98.83W	23-34	4.7,4.7		
BJI	V	01 03 17 40.1	15.90N	98.80W	22	5.5b,5.4s		
ISCJB	V	01 03 17 41.2-36	16.12N-03	98.69W-03	23	5.0s,4.8b		
MOS	V	01 03 17 48.7-1.6	16.77N	98.90W	33	5.1b,4.8b		
IDC	V	01 03 17 55.1-5.7	16.79N	98.26W	94-49	4.4,4.2		

ISC Event type se. Error ellipse: s-maj=11.5km s-min=5.7km az=-1.0.
 NEIC Event type se. After MEX.
 MEX Error ellipse: s-maj=13.5km s-min=5.5km az=89.3.
 ISCJB Event type se. Error ellipse: s-maj=4.9km s-min=3.6km az=55.6.
 MOS Error ellipse: s-maj=33.4km s-min=13.2km az=44.0.
 IDC Error ellipse: s-maj=33.4km s-min=13.2km az=44.0.

ISC	V	01 07 48 03.2-21	8.10N-03	82.92W-02	36	5.6s,5.0b	495	1-158
BJI	V	01 07 47 57.3	7.88N	82.45W	13	6.2s,6.0s		110698223
IDC	V	01 07 47 57.5-57	8.26N	82.75W	0	5.7L,5.5s		
HRVD	V	01 07 47 59.9-10	8.11N	82.88W	12	5.9W,5.5s		
NEIC	V	01 07 47 59.9-22	8.17N	82.88W	13	5.9L,5.9W		
MOS	V	01 07 47 59.3-95	8.30N	82.83W	16	5.6s,5.4b		
SZGRF	V	01 07 48 00.2	7.50N	82.50W	33	6.1s,5.3b		
CASC	V	01 07 48 00.7-2.6	8.15N	82.84W	13-0	5.1b,4.9		
ISCJB	V	01 07 48 01.3-20	8.13N-03	82.93W-02	34	5.6s,5.0b		

ISC Event type fe. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s102,c235; Mantle waves: s107,c338; Half duration: 2:2 Moment tensor: Scale 1018Nm; Mr:0.72;0.01; Mw:0.52;0.01; Ms:0.19;0.01; M1:0.35;0.02; M2:0.54;0.01; M3:0.02;0.02; Best double couple: NP1:0.326,0.00000; 0.839,0.00000; 0.839,0.00000; NP2:0.108,0.00000; 0.857,0.00000; 0.857,0.00000; Principal axes: T 0.8430,Plg68.00000; Azm329.00000; N 0.1270,Plg19.00000; Azm121.00000; P -0.9700,Plg9.00000; Azm215.00000; M0.90700x1018

NEIC Event type fe. Felt [III] at Bajo Boquete, Panama. Felt at Bocas del Toro, Bugaba, David and Puerto Armuelles, Panama. Also felt at Golfito and San Vito, Costa Rica. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s46 Moment tensor: Scale 1017Nm; Mr:7.69;Mw:2.96;Ms:4.73; M1:0.84;M2:4.07;M3:1.44; Best double couple: NP1:0.152,0.00000; 0.848,0.00000; 0.848,0.00000; NP2:0.310,0.00000; 0.844,0.00000; 0.844,0.00000; Principal axes: T 8.0300,Plg78.00000; Azm131.00000; N 0.0100,Plg111.00000; Azm322.00000; P -8.0400,Plg2.00000; Azm232.00000; M8.00000x1017 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:0.285,0.00000; 0.820,0.00000; 0.820,0.00000; NP2:0.105,0.00000; 0.870,0.00000; 0.870,0.00000; Principal axes: T Plg65.00000; Azm15.00000; N Plg0.00000; Azm0.00000; P Plg25.00000; Azm195.00000

SZGRF	South of Panama.							
ISCJB	Event type fe.							
ISC	(77) Off coast of Costa Rica							
ISCJB	V	01 09 13 32.1-20	8.05N-03	82.93W-02	10	5.0b,5.0s	477	1-169
SZGRF	V	01 09 13 30.6	7.96N	84.24W	33	5.5s,5.2b		110698225
CASC	V	01 09 13 31.5-2.3	7.97N	82.97W	10-0	5.2b,4.9		
NEIC	V	01 09 13 32.0-21	8.12N	82.87W	10	5.0s,5.0L		
BJI	V	01 09 13 31.3	8.53N	83.47W	10	5.8b,5.7s		
HRVD	V	01 09 13 32.0-10	8.13N	82.88W	12	5.5W,5.7s		
MOS	V	01 09 13 33.3-1.1	8.19N	82.85W	26	5.4b,4.8s		
CSEM	V	01 09 13 34.0	8.12N	82.94W	30	5.5L,4.8s		
IDC	V	01 09 13 36.6-1.4	8.13N	83.04W	49-12	5.0s,5.0		

ISC Event type fe. Error ellipse: s-maj=4.7km s-min=2.5km az=62.8.
 ISCJB Off coast of Costa Rica.
 CASC Error ellipse: s-maj=16.9km s-min=7.5km az=-1.0.
 NEIC Event type fe. Error ellipse: s-maj=6.1km s-min=3.6km az=215.0. Felt at Bajo Boquete, Panama. Also felt in southern Costa Rica.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s81,c143; Mantle waves: s101,c208; Half duration: 1:4 Moment tensor: Scale 1017Nm; Mr:2.27;0.03; Mw:0.77;0.02; Ms:1.50;0.03; M1:0.46;0.07; M2:1.24;0.02; M3:1.01;0.07; Best double couple: NP1:0.317,0.00000; 0.833,0.00000; 0.833,0.00000; NP2:0.149,0.00000; 0.858,0.00000; 0.858,0.00000; Principal axes: T 2.5310,Plg76.00000; Azm78.00000; N 0.1370,Plg5.00000; Azm325.00000; P -2.6670,Plg12.00000; Azm234.00000; M2.59900x1017

MOS	Event type fe. Error ellipse: s-maj=6.4km s-min=4.6km az=103.2.							
IDC	Error ellipse: s-maj=13.7km s-min=7.9km az=36.0.							
ISC	(69) West of Galapagos Islands							
ISC	V	01 18 33 23.8-34	2.16N-04	99.10W-05	10	4.9b,4.9s	139	14-150
IDC	V	01 18 33 21.6-72	2.21N	99.19W	0	4.9s,4.9		118338300
ISCJB	V	01 18 33 21.9-35	2.18N-05	99.06W-06	10	4.9b,4.9s		
MOS	V	01 18 33 22.5-1.1	2.34N	98.94W	10	5.4b,4.9s		
NEIC	V	01 18 33 23.2-33	2.12N	99.11W	10	5.1b,4.9s		
HRVD	V	01 18 33 23.2-20	2.26N	98.91W	13-1	5.4W,4.9s		
BJI	V	01 18 33 23.2	2.10N	99.10W	10	5.5b,5.2s		

ISC Event type se. Error ellipse: s-maj=27.5km s-min=12.9km az=50.0.
 ISCJB Event type se. Error ellipse: s-maj=8.3km s-min=6.1km az=127.4.
 MOS Error ellipse: s-maj=15.9km s-min=7.0km az=101.7.
 NEIC Event type se. Error ellipse: s-maj=10.0km s-min=5.5km az=61.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s72,c112; Mantle waves: s89,c154; Half duration: 1:2 Moment tensor: Scale 1017Nm; Mr:0.05;0.02; Mw:0.19;0.03; Ms:0.14;0.03; M1:0.61;0.08; M2:0.59;0.02; M3:0.09;0.05; Best double couple: NP1:0.30,0.00000; 0.668,0.00000; 0.668,0.00000; NP2:0.122,0.00000; 0.84,0.00000; 0.84,0.00000; Principal axes: T 1.5400,Plg10.00000; Azm348.00000; N -0.2140,Plg67.00000; Azm136.00000; P -1.3260,Plg11.00000; Azm254.00000; M1.43300x1017

ISC	V	01 20 13 29.2-31	2.24N-04	99.04W-05	10	5.2s,4.9b	152	9-150
IDC	V	01 20 13 26.9-70	2.28N	99.11W	0	5.2s,5.2		118321455
ISCJB	V	01 20 13 27.5-31	2.28N-04	99.00W-05	10	5.2s,4.9b		

MOS	V	01	20	53	20.2-1.4	30.03N	114.46W	13	4.9b,4.6L						
IDC	V	01	20	53	20.0-1.1	30.00N	114.29W	0	4.4,4.3						
NEIC	V	01	20	53	21.0-87	29.81N	114.59W	10	4.5b,4.3						
HRVD	V	01	20	53	21.0-50	30.41N	114.46W	14-1	4.9W,4.3						
ISC	Event type se.														
ISCJB	Error ellipse: s-maj=7.7km s-min=3.7km az=77.3.														
ECX	Error ellipse: s-maj=7.7km s-min=4.6km az=1.0.														
MOS	Error ellipse: s-maj=11.0km s-min=5.8km az=97.4.														
IDC	Error ellipse: s-maj=27.4km s-min=15.2km az=57.0.														
NEIC	Event type se. Error ellipse: s-maj=14.3km s-min=7.5km az=46.0.														
HRVD	Error ellipse: s-maj=3.3km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.														
LP body waves: s12,c14; Mantle waves: s58,c81; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:0.21±.15; Mw:0.16±.13; Ms:0.19±.15; Mm:1.61±.47; Mmw:0.55±.08; Mm-:0.47±.29; Best double couple: NP1:φ:221.00000°,δ:1.00000°,λ:52.00000°. NP2:φ:350.00000°,δ:82.00000°,λ:127.00000°. Principal axes: T 2.1400,P1g0.0000°,Az:105.0000°; N 0.9220,P1g29.0000°,Az:15.0000°; P -3.0640,P1g61.0000°,Az:196.0000°; M:2.60200×10 ¹⁶															
(177) Kermadec Islands region															
ISC	V	01	21	40	49.6-8.5	28.48S	-07	176.90W	-09	20-51	5.1b,4.8s	105	1-167		
BJI	V	01	21	40	44.0	28.20S	176.05W	10	5.8b,5.3b						
IDC	V	01	21	40	45.7-50	28.24S	176.80W	0	4.8b,4.6L						
MOS	V	01	21	40	46.1-1.5	28.24S	176.82W	13	5.3b,4.9s						
NEIC	V	01	21	40	46.9-28	28.36S	176.82W	10	5.2b,4.9s						
HRVD	V	01	21	40	46.9-20	28.38S	176.18W	19-0	5.2W,4.9s						
ISCJB	V	01	21	40	47.1-5.0	28.49S	-07	177.01W	-08	16-34	5.1b,4.8s				
ISC	Event type se.														
NEIC	Event type se.														
HRVD	nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s47,c74; Mantle waves: s78,c132; Half duration: 1:0 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.66±.03; Mw:0.06±.02; Mm:0.60±.02; Mm:0.13±.04; Mm-:0.11±.01; Mm:0.66±.04; Best double couple: NP1:φ:192.00000°,δ:22.00000°,λ:91.00000°. NP2:φ:11.00000°,δ:68.00000°,λ:90.00000°. Principal axes: T 0.9460,P1g67.0000°,Az:281.0000°; N -0.0330,P1g0.0000°,Az:11.0000°; P -0.9120,P1g23.0000°,Az:101.0000°; M:0.92900×10 ¹⁷														
ISCJB	Event type se.														
(80) Panama-Costa Rica border region															
ISC	V	02	06	40	52.5-19	8.11N	-03	82.89W	-02	25	5.0b,4.8s	454	1-151		
IDC	V	02	06	40	47.3-56	8.09N	83.00W	0	4.9,4.8						
ISCJB	V	02	06	40	50.4-19	8.13N	-03	82.86W	-02	24	5.0b,4.8s				
MOS	V	02	06	40	51.8-97	8.16N	82.85W	32	5.3b,4.9s						
BJI	V	02	06	40	52.0	8.10N	82.90W	23	5.5b,4.5s						
HRVD	V	02	06	40	52.0-10	8.09N	82.87W	12	5.3W,5.4s						
NEIC	V	02	06	40	52.0-21	8.13N	82.89W	24	5.1s,1.5b						
SZGRF	V	02	06	40	57.9	9.08N	82.87W	33	5.2b,5.2s						
CASC	V	02	06	40	59.5-1.9	8.87N	82.93W	17-6	5.1b,4.8						
ISC	Event type se.														
IDC	Error ellipse: s-maj=22.4km s-min=12.6km az=58.0.														
ISCJB	Event type se. Error ellipse: s-maj=4.4km s-min=2.3km az=60.7.														
MOS	Error ellipse: s-maj=6.3km s-min=4.8km az=97.9.														
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.														
LP body waves: s69,c114; Mantle waves: s85,c167; Half duration: 1:1 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.85±.01; Mw:0.24±.01; Ms:0.61±.01; Mm:0.10±.03; Mm:0.50±.01; Mm-:0.44±.03; Best double couple: NP1:φ:314.00000°,δ:34.00000°,λ:71.00000°. NP2:φ:156.00000°,δ:85.00000°,λ:102.00000°. Principal axes: T 0.9780,P1g74.0000°,Az:97.0000°; N 0.0710,P1g10.0000°,Az:329.0000°; P -1.0490,P1g13.0000°,Az:237.0000°; M:1.01400×10 ¹⁷															
NEIC	Event type se. Error ellipse: s-maj=5.7km s-min=3.2km az=213.0.														
SZGRF	Panama-Costa Rica border region.														
CASC	Error ellipse: s-maj=6.8km s-min=3.2km az=1.0.														
(695) West of Galapagos Islands															
ISC	V	02	15	58	20.8-1.3	2.42N	-20	99.0W	-10	10	4.5b,4.2s	32	16-145		
IDC	V	02	15	58	18.7-6	1.54N	97.91W	0	4.6,4.2s						
MOS	V	02	15	58	18.2-77	1.87N	99.01W	35	4.8b,4.2s						
ISCJB	V	02	15	58	18.7-1.3	2.42N	-20	99.0W	-10	10	4.5b,4.2s				
NEIC	V	02	15	58	20.2-1.1	2.40N	98.94W	10	4.6b,4.2s						
HRVD	V	02	15	58	20.2-40	2.39N	98.87W	26-1	5.0W,4.2s						
BJI	V	02	15	58	20.2	2.40N	98.90W	10	5.6b,4.7s						
ISC	Event type se.														
IDC	Error ellipse: s-maj=153.4km s-min=119.5km az=168.0.														
MOS	Error ellipse: s-maj=31.0km s-min=16.0km az=100.2.														
ISCJB	Event type se. Error ellipse: s-maj=30.1km s-min=14.8km az=68.2.														
NEIC	Event type se. Error ellipse: s-maj=26.7km s-min=13.4km az=213.0.														
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.														
LP body waves: s21,c27; Mantle waves: s64,c90; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:0.21±.16; Mw:0.16±.13; Ms:0.19±.16; Mm:2.56±.33; Mm:2.86±.12; Mm-:0.07±.28; Best double couple: NP1:φ:13.00000°,δ:55.00000°,λ:172.00000°. NP2:φ:107.00000°,δ:84.00000°,λ:35.00000°. Principal axes: T 4.5210,P1g29.0000°,Az:336.0000°; N -0.6230,P1g54.0000°,Az:116.0000°; P -3.8940,P1g19.0000°,Az:235.0000°; M:4.20700×10 ¹⁶															
(173) Tonga Islands															
ISC	V	03	15	26	40.0-0.9	20.16S	-02	174.15W	-02	53	7.7s,7.0b	694	7-172		
GUC	V	03	15	25	50.9-2.4	14.20S	176.30W	55-0	7.9W,7.0b						
IDC	V	03	15	26	32.3-34	20.00S	174.33W	0	7.7s,7.7						
SZGRF	V	03	15	26	33.8	19.96S	173.94W	33	8.0b,7.7						
CRAAG	V	03	15	26	34.6	19.99S	174.21W	7	8.0W,7.7						
ISCJB	V	03	15	26	37.9-09	20.14S	-02	174.20W	-02	51	7.7s,7.0b				
MOS	V	03	15	26	37.0-1.5	19.98S	174.22W	33	7.7s,7.2b						
BJI	V	03	15	26	38.3	19.76S	173.72W	54	7.9s,7.9b						
HRVD	V	03	15	26	40.3-10	20.39S	173.47W	68-0	8.0W,7.9b						
NEIC	V	03	15	26	40.3-08	20.19S	174.12W	55	8.1,7.9W						
IGIL	V	03	15	26	41.2	20.09S	174.22W	55	7.7s,7.9W						
ISC	Event type de.														
GUC	Error ellipse: s-maj=999.9km s-min=999.9km az=1.0.														
IDC	Error ellipse: s-maj=11.7km s-min=8.5km az=138.0.														
SZGRF	Tonga Islands.														
ISCJB	Event type de. Error ellipse: s-maj=3.5km s-min=2.1km az=66.1.														
MOS	Error ellipse: s-maj=7.4km s-min=5.4km az=62.5. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:358.00000°,δ:84.00000°,λ:75.00000°. NP2:φ:247.00000°,δ:17.00000°,λ:158.00000°. Principal axes: T P1g49.0000°,Az:252.0000°; N P1g15.0000°,Az:0.0000°; P P1g37.0000°,Az:102.0000°.														
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=150s. Centroid Moment Tensor Solution.														
LP body waves: s114,c285; Mantle waves: s115,c541; Half duration: 2:35 Moment tensor: Scale 10 ²¹ Nm; Mr:0.66±.00; Mw:0.12±.00; Ms:0.53±.00; Mm:0.09±.00; Mm-:0.33±.00; Mm:0.88±.01; Best double couple: NP1:φ:226.00000°,δ:22.00000°,λ:123.00000°. NP2:φ:11.00000°,δ:72.00000°,λ:78.00000°. Principal axes: T 1.1270,P1g61.0000°,Az:263.0000°; N -0.0180,P1g12.0000°,Az:15.0000°; P -1.1090,P1g26.0000°,Az:111.0000°; M:1.11800×10 ²¹															
NEIC	Event type de. Error ellipse: s-maj=5.3km s-min=2.5km az=121.0. One person injured, a church damaged, windows broken and items knocked from shelves [VII] at Nuku'alofa. Felt [VII] at Neiafu. Felt at Hihifo, Pangai and Vaini. Felt [III] at Apia, Samoa. Felt in American Samoa. Felt at Atiu and Avarua, Cook Islands; at Suva, Fiji; at Alofi, Niue; at Mulifanua, Samoa. Also felt at Auckland, Minginui, Napier, Wanganui, Wellington and Whakatane, New Zealand. A tsunami was generated with recorded wave heights in meters [peak-to-trough] at the following selected tide stations: 0.54 at Pago Pago, American Samoa; 0.10 at Tofino, British Columbia, Canada; 0.13 at Raratonga, Cook Islands; 0.07 at Suva, Fiji; 0.15 at Hanasaki, Japan; 0.48 at Noumea, New Caledonia; 0.15 at Jackson Bay, New Zealand; 0.42 on Apia, Samoa; 0.42 at Nuku'alofa, Tonga; 0.13 at King Cove, Alaska, 0.54 at Crescent City, California, 0.35 at Santa Barbara, California, 0.10 at San Francisco, California, 0.49 at Kahului, Hawaii, 0.12 at Portland, Oregon, 0.11 at La Push, Washington, U.S.A.; 0.45 at Port-Vila, Vanuatu. Complex earthquake, with at least two events occurring about 7 seconds apart observed on broadband displacement seismograms. Depth from synthetics of broadband displacement seismograms based on first event. Energy computed from BB mechanism. Moment Tensor Solution. M:1.40000×10 ²¹ Moment Tensor Solution. s13 Moment tensor: Scale 10 ²⁰ Nm; Mr:3.97 Mm:0.01 Mm-:3.96 Mw:0.22 Mw:0.12 Mw:0.29 Mw:0.34 Best double couple: NP1:φ:359.00000°,δ:76.00000°,λ:99.00000°. NP2:φ:147.00000°,δ:17.00000°,λ:59.00000°. Principal axes: T 8.4400,P1g58.0000°,Az:281.0000°; N 0.0200,P1g8.0000°,Az:177.0000°; P -8.4600,P1g30.0000°,Az:82.0000°; M:8.50000×10 ²⁰ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:														

φ:180.00000°,δ:10.00000°,λ:90.00000°. NP2:φ:0.00000°,δ:80.00000°,λ:90.00000°. Principal axes: T P1g55.0000°,Az:270.0000°; N P1g0.0000°,Az:0.0000°; P P1g35.0000°,Az:90.0000°.															
(173) Tonga Islands															
IDC	V	03	15	42	20.9-12	19.54S	175.05W	0	6.7s,6.7						
HRVD	Error ellipse: s-maj=310.1km s-min=48.3km az=123.0.														
(173) Tonga Islands															
IDC	V	03	15	43	31.6-11	19.14S	174.42W	0	6.4s,6.4						
HRVD	Error ellipse: s-maj=296.9km s-min=48.7km az=122.0.														
(173) Tonga Islands															
ISC	V	03	15	55	00.3-1.6	20.58S	-06	174.09W	-08	38-14	5.2b	73	7-172		
IDC	V	03	15	54	4.4-47	20.82S	174.21W	0	5.3,5.2b						
BJI	V	03	15	54	57.8	21.09S	174.41W	33	5.3b,5.2b						
MOS	V	03	15	54	58.9-78	20.62S	174.26W	33	5.5b,5.2b						
NEIC	V	03	15	54	58.8-2.7	20.60S	174.07W	30-17	5.2b,5.2b						
CSEM	V	03	15	54	58.2	21.03S	174.39W	33	5.8b,5.2b						
ISCJB	V	03	15	54	59.2-2.1	20.59S	-06	174.20W	-08	42-18	5.2b,5.2b				
SZGRF	V	03	15	54	59.3	20.94S	175.01W	33	5.2b,5.2b						
ISC	Event type se.														
IDC	Error ellipse: s-maj=18.9km s-min=11.5km az=151.0.														
MOS	Error ellipse: s-maj=13.4km s-min=12.3km az=162.1.														
NEIC	Event type se. Error ellipse: s-maj=10.8km s-min=5.8km az=133.0.														
ISCJB	Event type se. Error ellipse: s-maj=13.2km s-min=9.4km az=66.9.														
SZGRF	Tonga Islands.														
(173) Tonga Islands															
IDC	V	03	16	10	33.3-4.3	20.79S	173.94W	0	5.5s,5.5						
HRVD	Error ellipse: s-maj=125.9km s-min=39.6km az=130.0.														
(173) Tonga Islands															
ISC	V	03	16	33	54.0-60	20.65S	-10	174.1W	-10	35	4.2b	25	7-151		
IDC	V	03	16	33	48.5-73	20.72S	174.00W	0	5.8,5.8s						
NEIC	V	03	16	33	51.0-40	20.58S	174.09W	15	4.7b,5.8s						
ISCJB	V	03	16	33	52.1-60	20.5S	-10	174.2W	-10	33	4.2b,5.8s				
MOS	V														

ISC	V	04 01 37 20.5-29	20.91S-06	174.35W-07	33	4.9b,4.2s	90	7-171
IDC	V	04 01 37 14.9-57	20.81S	174.32W	0	4.7,4.6b		¶18338399
ISCJB	V	04 01 37 18.6-29	20.89S-06	174.49W-07	31	4.8b,4.2s		
SZGRF	V	04 01 37 19.3	21.11S	173.73W	33	4.8b,4.2s		
NEIC	V	04 01 37 20.7-25	20.85S	174.44W	34	4.9b,4.2s		
MOS	V	04 01 37 20.1-2.8	20.61S	174.52W	33	5.0b,4.2s		
BJI	V	04 01 37 20.6	20.80S	174.40W	34	5.3b,5.0s		
ORF	V	04 01 37 33.5	17.16S	176.49W	30	5.5b,5.0s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=24.1km s-min=16.4km az=126.0.							
ISCJB	Event type se. Error ellipse: s-maj=10.6km s-min=7.5km az=75.7.							
SZGRF	Tonga Islands.							
NEIC	Event type se. Error ellipse: s-maj=11.2km s-min=7.1km az=138.0.							
MOS	Error ellipse: s-maj=12.8km s-min=11.1km az=60.9.							
ISC	(167) Macquarie Island region							
ISC	V	04 02 08 53.6-1.2	58.29S-03	157.88E-07	4-7	5.4b,5.2s	170	4-164
CRAAG	V	04 02 08 51.3	58.14S	158.00E		5.5b,5.2s		¶10698265
SZGRF	V	04 02 08 51.8	57.97S	160.29W	33	5.5b,5.2s		
BJI	V	04 02 08 51.6	58.49S	157.52E	7	5.9b,5.8b		
ISCJB	V	04 02 08 52.1-1.1	58.25S-03	157.88E-07	2-7	5.4b,5.2s		
IDC	V	04 02 08 52.5-38	58.34S	157.84E	0	5.2,5.2b		
HRVD	V	04 02 08 54.5-40	58.09S	157.80E	32-1	5.9W,5.5b		
NEIC	V	04 02 08 54.5-14	58.26S	157.93E	10	5.5b,5.3s		
MOS	V	04 02 08 58.5-1.9	58.09S	158.02E	40	5.6b,5.3s		
ISC	Event type se.							
SZGRF	Macquarie Island, Australia, region.							
ISCJB	Event type se. Error ellipse: s-maj=6.7km s-min=5.2km az=39.5.							
IDC	Error ellipse: s-maj=15.5km s-min=12.7km az=80.0.							
HRVD	Error ellipse: s-maj=6.7km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s30,c36; Mantle waves: s54,c69; Half duration: 2s1 Moment tensor: Scale 10 ¹⁸ Nm; M _r -0.79±0.06 M _θ -0.24±0.04; M _φ -0.54±0.04; M _φ -0.00±0.06; M _φ -0.38±0.02; M _φ -0.13±0.06; Best double couple: NP1:φ=141.00000°; λ=41.00000°; λ=2.00000°; NP2:φ=331.00000°; λ=89.00000°; λ=97.00000°. Principal axes: T 0.8020,Plg84.0000°; Azm290.0000°; N 0.0070,Plg5.0000°; Azm147.0000°; P -0.8090,Plg4.0000°; Azm56.0000°; M _φ 0.80600×10 ¹⁸							
NEIC	Event type se. Error ellipse: s-maj=6.2km s-min=3.9km az=119.0.							
MOS	Error ellipse: s-maj=19.6km s-min=6.9km az=93.3.							
ISC	(180) North of Fiji Islands							
ISC	V	04 04 26 36.8-22	19.94S-05	173.86W-06	29	5.0b,4.7s	125	6-172
IDC	V	04 04 26 31.4-50	19.84S	173.96W	0	4.9,4.8b		¶10698266
BJI	V	04 04 26 33.0	19.48S	173.58W	11	5.4b,5.3s		
ISCJB	V	04 04 26 34.8-23	19.97S-06	173.90W-06	27	5.0b,4.7s		
NEIC	V	04 04 26 36.5-20	19.93S	173.93W	29	5.0b,4.7s		
SZGRF	V	04 04 26 36.9	20.14S	173.10W	33	5.0b,4.7s		
MOS	V	04 04 26 38.2-3.1	19.74S	174.09W	33	5.3b,4.7s		
ORF	V	04 04 26 56.3	12.73S	177.07W	30	5.9b,4.7s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=21.0km s-min=11.3km az=114.0.							
ISCJB	Event type se. Error ellipse: s-maj=9.3km s-min=6.4km az=101.7.							
NEIC	Event type se. Error ellipse: s-maj=9.9km s-min=5.4km az=143.0.							
SZGRF	Tonga Islands.							
MOS	Error ellipse: s-maj=11.1km s-min=9.3km az=58.3.							
ISC	(173) Tonga Islands							
ISC	V	04 04 55 43.0-17	21.28S-05	174.19W-04	35	5.3b,5.1s	268	8-171
CSEM	V	04 04 55 36.7	21.18S	174.34W	2	5.5b,5.1s		¶10698267
BJI	V	04 04 55 37.7	20.79S	173.90W	6	5.9b,5.5b		
IDC	V	04 04 55 37.2-38	21.23S	174.32W	0	5.1,5.1b		
NEIC	V	04 04 55 38.7-3.5	21.26S	174.27W	9-21	5.4b,5.1b		
SZGRF	V	04 04 55 41.8	21.54S	174.02W	33	5.3b,5.1s		
ISCJB	V	04 04 55 41.2-17	21.26S-05	174.28W-04	33	5.3b,5.1s		
MOS	V	04 04 55 41.5-1.1	21.15S	174.34W	33	5.6b,5.3s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=16.4km s-min=12.2km az=131.0.							
ISCJB	Event type se. Error ellipse: s-maj=6.5km s-min=3.8km az=149.0.							
SZGRF	Tonga Islands.							
ISCJB	Event type se. Error ellipse: s-maj=7.4km s-min=4.6km az=113.7.							
MOS	Error ellipse: s-maj=10.1km s-min=7.9km az=60.9.							
ISC	(173) Tonga Islands							
ISC	V	04 11 25 28.7-14	20.67S-03	173.95W-04	27	5.8s,5.6b	339	7-171
IDC	V	04 11 25 24.1-36	20.62S	173.93W	0	5.6,5.6s		¶10698273
BJI	V	04 11 25 25.3	20.18S	173.69W	10	6.0b,5.9s		
ISCJB	V	04 11 25 26.8-14	20.64S-03	174.04W-04	26	5.8s,5.5b		
NEIC	V	04 11 25 26.1-11	20.58S	174.04W	11	6.0W,5.8		
HRVD	V	04 11 25 26.0-10	20.69S	173.47W	18-0	5.9W,5.8		
SZGRF	V	04 11 25 28.2	21.71S	174.16W	37	6.1b,5.8		
MOS	V	04 11 25 28.7-1.3	20.55S	174.00W	33	5.8s,5.7b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=14.5km s-min=12.1km az=140.0.							
ISCJB	Event type se. Error ellipse: s-maj=6.0km s-min=3.4km az=85.5.							
NEIC	Event type se. Error ellipse: s-maj=6.3km s-min=3.2km az=131.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M _φ 1.0000×10 ¹⁸ Moment Tensor Solution. s36 Moment tensor: Scale 10 ¹⁸ Nm; M _r -0.08 M _θ -0.20 M _φ -0.28 M _φ -0.37 M _φ -0.25 M _φ -1.20 Best double couple: NP1: φ=197.00000°; λ=75.00000°; λ=2.00000°; NP2: φ=294.00000°; λ=172.00000°; λ=172.00000°. Principal axes: T 1.3100,Plg41.0000°; Azm273.0000°; N -0.0200,Plg15.0000°; Azm16.0000°; P -1.2900,Plg45.0000°; Azm122.0000°; M _φ 1.30000×10 ¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=10.00000°; λ=90.00000°; NP2: φ=190.00000°; λ=85.00000°; λ=90.00000°. Principal axes: T Plg40.0000°; Azm280.0000°; N Plg0.0000°; Azm0.0000°; P Plg50.0000°; Azm100.0000°.							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s77,c139; Mantle waves: s107,c216; Half duration: 2s1 Moment tensor: Scale 10 ¹⁷ Nm; M _r -1.72±0.06 M _θ 1.40±0.05; M _φ 0.31±0.05; M _φ 0.98±0.13; M _φ 2.1±0.04; M _φ 7.26±0.40; Best double couple: NP1:φ=83.00000°; λ=17.00000°; λ=2.00000°; NP2:φ=191.00000°; λ=84.00000°; λ=106.00000°. Principal axes: T 7.4600,Plg37.0000°; Azm296.0000°; N 0.6160,Plg16.0000°; Azm193.0000°; P -8.0770,Plg48.0000°; Azm84.0000°; M _φ 7.76900×10 ¹⁷							
SZGRF	Tonga Islands.							
MOS	Error ellipse: s-maj=9.3km s-min=7.4km az=59.7.							
ISC	(173) Tonga Islands							
ISC	V	04 11 58 18.3-22	20.78S-05	174.16W-06	15	5.1b,5.0s	148	7-171
IDC	V	04 11 58 15.4-54	20.69S	174.33W	0	4.9,4.8		¶18583137
SZGRF	V	04 11 58 16.6	21.56S	174.50W	33	4.9,4.8		
ISCJB	V	04 11 58 16.6-22	20.76S-05	174.24W-06	14	5.1b,5.0s		
BJI	V	04 11 58 18.4	20.70S	174.20W	17	5.7b,5.4s		
NEIC	V	04 11 58 18.4-21	20.67S	174.25W	18	5.2b,4.9s		
MOS	V	04 11 58 25.0-3.1	19.59S	174.97W	33	5.4b,5.1s		
ORF	V	04 11 58 34.3	17.16S	176.49W	30	6.0b,5.1s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=24.3km s-min=15.9km az=120.0.							
SZGRF	Tonga Islands.							
ISCJB	Event type se. Error ellipse: s-maj=9.1km s-min=6.0km az=94.7.							
NEIC	Event type se. Error ellipse: s-maj=10.0km s-min=5.6km az=138.0.							
MOS	Error ellipse: s-maj=11.7km s-min=10.3km az=56.0.							
ISC	(173) Tonga Islands							
ISC	V	04 13 03 33.1-31	20.24S-07	174.27W-08	35	4.8s,4.6b	78	7-172
IDC	V	04 13 03 27.1-57	20.16S	174.33W	0	4.5,4.4		¶18338411
NEIC	V	04 13 03 29.2-30	20.16S	174.35W	10	4.8b,4.4		
BJI	V	04 13 03 29.2	20.20S	174.40W	10	5.5b,5.2s		
ISCJB	V	04 13 03 31.4-31	20.25S-07	174.35W-08	33	4.8s,4.6b		
MOS	V	04 13 03 31.3-89	20.14S	174.54W	33	5.1b,4.6b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=24.2km s-min=14.4km az=130.0.							
NEIC	Event type se. Error ellipse: s-maj=12.7km s-min=7.6km az=134.0.							
ISCJB	Event type se. Error ellipse: s-maj=11.3km s-min=8.6km az=76.9.							
MOS	Error ellipse: s-maj=14.9km s-min=14.0km az=70.0.							
ISC	(248) Philippine Islands region							
ISC	V	04 13 40 50.0-60	17.00N-08	119.30E-07	35	3.7b	20	1-84
IDC	V	04 13 40 44.4-1.0	17.17N	119.83E	0	3.9,3.8b		¶19508394
ISCJB	V	04 13 40 48.2-61	16.97N-08	119.20E-07	33	3.7b,3.8b		
MAN	V	04 13 40 53.0	17.12N	119.81E	1	5.8s,4.6L		

IDC	Error ellipse: s-maj=133.9km s-min=15.8km az=68.0.							
ISCJB	Error ellipse: s-maj=12.6km s-min=7.4km az=65.3.							
ISC	(173) Tonga Islands							
ISC	V	05 04 19 45.0-14	20.36S-04	173.76W-03	39	5.5b,5.1s	334	7-172
IDC	V	05 04 19 39.2-42	20.22S	173.97W	0	5.5,5.4		¶10698279
BJI	V	05 04 19 39.9	19.88S	173.59W	7	5.8b,5.6b		
NEIC	V	05 04 19 40.9-09	20.26S	173.87W	11	5.6b,5.5W		
HRVD	V	05 04 19 40.9-10	20.35S	173.28W	15-0	5.5W,5.5W		
ISCJB	V	05 04 19 43.4-14	20.34S-04	173.79W-03	38	5.5b,5.1s		
MOS	V	05 04 19 44.4-87	20.03S	173.65W	33	5.7b,5.1s		
SZGRF	V	05 04 19 46.7	19.90S	174.80W	33	5.2b,5.1s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=17.7km s-min=12.3km az=135.0.							
NEIC	Event type se. Error ellipse: s-maj=5.3km s-min=3.0km az=138.0. Moment Tensor Solution. s21 Moment tensor: Scale 10 ¹⁷ Nm; M _r -1.77 M _θ -0.22 M _φ 1.99 M _φ -0.24 M _φ -0.03 M _φ -0.88 Best double couple: NP1:φ=7.00000°; λ=81.00000°; λ=81.00000°; NP2:φ=171.00000°; λ=83.00000°; λ=104.00000°. Principal axes: T 2.1900,Plg13.0000°; Azm91.0000°; N -0.1900,Plg7.0000°; Azm182.0000°; P -2.0000,Plg75.0000°; Azm302.0000°; M _φ 2.10000×10 ¹⁷							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s84,c148; Mantle waves: s106,c238; Half duration: 1s4 Moment tensor: Scale 10 ¹⁷ Nm; M _r -1.85±0.03 M _θ 0.34±0.02; M _φ 1.51±0.02; M _φ -0.19±0.06; M _φ 1.03±0.02; M _φ -0.77±0.06; Best double couple: NP1:φ=218.00000°; λ=83.00000°; λ=78.00000°; NP2:φ=23.00000°; λ=56.00000°; λ=98.00000°. Principal axes: T 2.2510,Plg11.0000°; Azm119.0000°; N -0.2330,Plg7.0000°; Azm28.0000°; P -2.0180,Plg77.0000°; Azm266.0000°; M _φ 2.13500×10 ¹⁷							
ISCJB	Event type se. Error ellipse: s-maj=5.8km s-min=3.8km az=116.1.							
MOS	Error ellipse: s-maj=10.9km s-min=7.1km az=70.8.							
SZGRF	Tonga Islands.							
ISC	(173) Tonga Islands							
ISC	V	05 05 33 26.9-19	19.99S-05	173.58W-05	36	5.0b,4.5s	170	6-172
SZGRF	V	05 05 33 24.0	21.03S	173.64W	33	5.0b,4.5s		¶18321552
MOS	V	05 05 33 25.5-1.2	19.85S	173.70W	33	5.2b,4.5s		
ISCJB	V	05 05 33 25.1-19	19.99S-05	173.63W-05	34	5.0b,4.5s		
CSEM	V	05 05 33 25.5	20.12S	173.70W	33	5.6b,4.5s		
IDC	V	05 05 33 25.7-42	19.87S	173.70W	26-27	4.8,4.7		
HRVD	V	05 05 33 27.2-20	19.97S	17				

Mo1.40000x10 ¹⁸									
(243) Taiwan region									
ISC	V	07 01 53 03.8-13	21.59N-02	120.85E-02	40	5.3b,4.9s	566	3-175	
NIED	V	07 01 53 00.0	21.70N	121.10E	20	5.2W,4.9s			118338549
SZGRF	V	07 01 53 00.0	21.25N	121.89E	33	5.6b,5.1s			
ISCJB	V	07 01 53 01.8-13	21.55N-02	120.85E-02	38	5.3b,4.9s			
MOS	V	07 01 53 01.3-84	21.60N	120.85E	33	5.6b,5.0s			
BJI	V	07 01 53 01.2	21.65N	120.66E	20	5.2b,5.1s			
IDC	V	07 01 53 02.6-2.1	21.48N	120.81E	33-14	4.8s,4.8			
JMA	V	07 01 53 02.8-30	21.74N	121.12E	0	5.2,4.8			
NEIC	V	07 01 53 03.8-13	21.56N	120.81E	39	5.4W,5.4b			
HRVD	V	07 01 53 03.7-20	21.54N	120.68E	24-0	5.3W,5.4b			
ISC Event type se.									
NIED Moment Tensor Solution. Best double couple: NP1:φ=342.0000°,δ35.0000°,λ43.0000°; NP2:φ=111.0000°,δ35.0000°,λ-135.0000°; M=7.98000x10 ¹⁶									
SZGRF Taiwan region.									
ISCJB Event type se. Error ellipse: s-maj=2.9km s-min=2.3km az=52.0.									
MOS Error ellipse: s-maj=8.3km s-min=3.8km az=118.6.									
IDC Error ellipse: s-maj=17.4km s-min=9.4km az=68.0.									
JMA Error ellipse: s-maj=3.3km s-min=4.1km az=1.0.									
NEIC Event type se. Error ellipse: s-maj=4.1km s-min=3.5km az=87.0. Moment Tensor Solution. s10 Moment tensor: Scale 1017Nm; M1:0.33 M2:0.041 M3:0.92 M4:0.36 M5:0.13 M6:1.21									
Best double couple: NP1:φ=338.0000°,δ67.0000°,λ-81.0000°; NP2:φ=163.0000°,δ25.0000°,λ-111.0000°; Principal axes: T 1.8200,Plg21.0000°,AzM81.0000°; N 0.0500,Plg9.0000°,AzM154.0000°; P -1.8600,Plg67.0000°,AzM265.0000°; M1.80000x10 ¹⁷									
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s85,c137; Mantle waves: s94,c171; Half duration: 1s1 Moment tensor: Scale 1017Nm; M1:0.00±0.02 M2:0.42±0.02; M3:0.57±0.02; M4:0.29±0.03; M5:0.66±0.01; M6:0.27±0.04; Best double couple: NP1:φ=118.0000°,δ49.0000°,λ-120.0000°; NP2:φ=339.0000°,δ49.0000°,λ-61.0000°; Principal axes: T 1.1610,Plg0.0000°,AzM48.0000°; N -0.0060,Plg22.0000°,AzM139.0000°; P -1.1550,Plg68.0000°,AzM318.0000°; M1.15800x10 ¹⁷									
(173) Tonga Islands									
ISC	V	07 02 33 47.5-14	20.18S-04	174.29W-04	42	5.3b,5.1s	281	7-172	
CSEM	V	07 02 33 41.7	20.12S	174.40W	10	5.5b,5.1s			118321589
IDC	V	07 02 33 41.2-39	20.04S	174.41W	0	5.2,5.2			
ISCJB	V	07 02 33 45.6-14	20.18S-04	174.33W-04	40	5.3b,5.1s			
SZGRF	V	07 02 33 45.1	20.49S	173.60W	33	5.4b,5.1s			
MOS	V	07 02 33 45.5-98	19.93S	174.34W	29	5.5b,5.3s			
CRAAG	V	07 02 33 45.6	20.05S	174.47W	5	5.4b,5.3s			
BJI	V	07 02 33 46.7	19.93S	174.06W	45	5.7b,5.3b			
HRVD	V	07 02 33 47.3-10	20.16S	173.79W	33-0	5.6W,5.3b			
NEIC	V	07 02 33 47.3-09	20.10S	174.41W	41	5.4b,5.3b			
BGS	V	07 02 33 48.8-5.4	20.10S	174.41W	40-0	5.4b,5.3b			
ISC Event type se.									
IDC Error ellipse: s-maj=17.6km s-min=11.2km az=139.0.									
ISCJB Event type se. Error ellipse: s-maj=6.4km s-min=3.7km az=83.2.									
SZGRF Tonga Islands.									
MOS Error ellipse: s-maj=10.7km s-min=7.4km az=65.6.									
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s90,c164; Mantle waves: s102,c189; Half duration: 1s0 Moment tensor: Scale 1017Nm; M1:0.23±0.05 M2:0.18±0.04; M3:0.84±0.04; M4:0.94±0.06; M5:1.80±0.03; M6:0.74±0.06; Best double couple: NP1:φ=119.0000°,δ52.0000°,λ47.0000°; NP2:φ=356.0000°,δ55.0000°,λ132.0000°; Principal axes: T 2.8070,Plg57.0000°,AzM326.0000°; N 0.1930,Plg33.0000°,AzM149.0000°; P -3.0030,Plg1.0000°,AzM58.0000°; M2.90500x10 ¹⁷									
NEIC Event type se. Error ellipse: s-maj=5.9km s-min=2.9km az=134.0.									
BGS Error ellipse: s-maj=384.2km s-min=999.9km az=-1.0.									
(348) Northern and central Iran									
ISC	V	07 06 20 54.7-13	30.79N-02	56.65E-02	10	4.7b,4.3s	523	1-98	
ISCJB	V	07 06 20 52.8-13	30.73N-02	56.61E-02	10	4.7b,4.3s			110698301
NEIC	V	07 06 20 53.7	30.79N	56.70E	14	5.2,4.8b			
HRVD	V	07 06 20 53.7-60	30.79N	56.69E	12	5.0W,4.8b			
THR	V	07 06 20 53.9-91	30.81N	56.70E	14-6	4.8L,4.8b			
IDC	V	07 06 20 53.3-50	30.86N	56.72E	0	4.7,4.6			
BJI	V	07 06 20 54.4	30.82N	56.04E	46	4.9b,4.9b			
CSEM	V	07 06 20 55.9-04	30.72N	56.57E	33	5.0W,4.7b			
CRAAG	V	07 06 20 55.6	30.73N	56.66E	5	5.5b,4.7b			
MOS	V	07 06 20 55.1-95	30.75N	56.50E	26	5.0b,4.1s			
TEH	V	07 06 20 56.7	30.81N	56.67E	8	5.2,4.1s			
SZGRF	V	07 06 20 59.6	30.10N	55.40E	33	4.4b,4.1s			
ISC Event type de.									
ISCJB Event type de. Error ellipse: s-maj=2.8km s-min=2.2km az=51.6.									
NEIC Event type de. More than 70 people injured slightly and some buildings and roads damaged in the Zand area. After THR.									
HRVD Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s18,c20; Mantle waves: s67,c101; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M1:0.18±.12 M2:0.29±.09; M3:0.19±.09; M4:0.16±.10; M5:0.19±.09; M6:0.19±.09; Best double couple: NP1:φ=324.0000°,δ72.0000°,λ-162.0000°; NP2:φ=228.0000°,δ73.0000°,λ-19.0000°; Principal axes: T 2.8550,Plg0.0000°,AzM276.0000°; N 1.1160,Plg65.0000°,AzM7.0000°; P -3.9620,Plg25.0000°,AzM186.0000°; M3.40800x10 ¹⁶									
THR Error ellipse: s-maj=3.7km s-min=3.3km az=-1.0.									
IDC Error ellipse: s-maj=12.6km s-min=9.9km az=95.0.									
CSEM Event type ke. Error ellipse: s-maj=1.8km s-min=1.3km az=45.0.									
MOS Error ellipse: s-maj=6.3km s-min=3.4km az=123.3.									
SZGRF Northern and central Iran.									
(175) South of Tonga Islands									
ISC	V	07 11 56 31.5-17	21.26S-04	173.99W-04	45	5.0b,4.8s	229	8-171	
IDC	V	07 11 56 24.9-43	21.07S	174.20W	0	5.3L,4.9			118338568
ORF	V	07 11 56 28.8	26.76S	170.59W	30	5.8b,4.9			
ISCJB	V	07 11 56 29.8-18	21.22S-05	174.05W-04	43	5.0b,4.8s			
SZGRF	V	07 11 56 29.9	21.04S	173.01W	33	5.0b,4.8s			
MOS	V	07 11 56 29.1-10	21.20S	174.16W	38	5.3b,5.0s			
NEIC	V	07 11 56 30.9-13	21.11S	174.15W	40	5.1s,5.1b			
HRVD	V	07 11 56 30.9-20	21.29S	173.59W	13-0	5.2W,5.1b			
BJI	V	07 11 56 31.8	21.10S	174.10W	40	5.4b,5.1s			
ISC Event type se.									
IDC Error ellipse: s-maj=18.6km s-min=11.9km az=141.0.									
ISCJB Event type se. Error ellipse: s-maj=7.4km s-min=4.6km az=109.2.									
SZGRF Tonga Islands.									
MOS Error ellipse: s-maj=11.3km s-min=8.3km az=48.9.									
NEIC Event type se. Error ellipse: s-maj=6.8km s-min=3.6km az=138.0.									
HRVD Error ellipse: s-maj=1.1km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s45,c64; Mantle waves: s81,c140; Half duration: 1s0 Moment tensor: Scale 10 ¹⁶ Nm; M1:4.11±.18 M2:0.46±.11; M3:0.65±.12; M4:0.16±.28; M5:0.21±.08; M6:0.40±.56; Best double couple: NP1:φ=30.0000°,δ18.0000°,λ-65.0000°; NP2:φ=184.0000°,δ74.0000°,λ-98.0000°; Principal axes: T 7.4390,Plg29.0000°,AzM281.0000°; N 0.2960,Plg7.0000°,AzM187.0000°; P -7.7390,Plg60.0000°,AzM84.0000°; M7.58900x10 ¹⁶									
(173) Tonga Islands									
ISC	V	07 12 30 29.9-2.9	20.10S-06	174.08W-05	13-17	5.0b,4.5s	133	7-172	
IDC	V	07 12 30 27.4-51	20.01S	174.24W	0	4.8,4.8			118338570
ISCJB	V	07 12 30 27.9-23	20.08S-05	174.14W-05	10	5.0b,4.5s			
BJI	V	07 12 30 28.3	20.00S	174.20W	10	5.5b,5.2b			
NEIC	V	07 12 30 29.3-20	20.00S	174.18W	10	5.0b,5.2b			
HRVD	V	07 12 30 29.3-60	20.08S	173.21W	34-1	5.0W,5.2b			
SZGRF	V	07 12 30 33.8	19.83S	173.94W	33	5.2b,5.2b			
MOS	V	07 12 30 35.5-3.4	19.66S	174.67W	33	5.3b,5.2b			
ISC Event type se.									
IDC Error ellipse: s-maj=19.0km s-min=12.6km az=149.0.									
ISCJB Event type se. Error ellipse: s-maj=8.4km s-min=5.9km az=99.8.									
NEIC Event type se. Error ellipse: s-maj=9.2km s-min=5.3km az=144.0.									
HRVD Error ellipse: s-maj=4.4km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s23,c29; Mantle waves: s36,c44; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M1:2.04±.26 M2:0.89±.20; M3:2.94±.16; M4:0.35±.35; M5:0.57±.14; M6:1.52±.20;									

Best double couple: NP1:φ=160.0000°,δ35.0000°,λ44.0000°; NP2:φ=32.0000°,δ67.0000°,λ117.0000°; Principal axes: T 3.0990,Plg59.0000°,AzM340.0000°; N 0.4580,Plg24.0000°,AzM201.0000°; P -3.5650,Plg18.0000°,AzM103.0000°; M3.33200x10 ¹⁶									
SZGRF Tonga Islands									
MOS Error ellipse: s-maj=11.6km s-min=11.3km az=59.3.									
(429) Mid-Indian Ridge									
ISC	V	07 14 17 35.2-20	36.73S-04	78.57E-06	10	5.7s,5.2b	212	29-177	
ISCJB	V	07 14 17 33.5-20	36.70S-04	78.59E-06	10	5.7s,5.2b			118321592
IDC	V	07 14 17 35.5-42	36.73S	78.55E	0	5.8s,5.8			
MOS	V	07 14 17 35.2-1.4	36.50S	78.97E	10	5.7s,5.6b			
BJI	V	07 14 17 35.1	36.80S	78.50E	10	5.8s,5.6b			
NEIC	V	07 14 17 35.2-22	36.81S	78.55E	10	6.1W,5.8s			
HRVD	V	07 14 17 35.2-10	36.83S	78.37E	12	6.1W,5.8s			
CSEM	V	07 14 17 37.6	36.86S	78.35E	33	5.5b,5.8s			
ISC Event type se.									
ISCJB Event type se. Error ellipse: s-maj=6.9km s-min=5.4km az=179.2.									
IDC Error ellipse: s-maj=15.6km s-min=11.9km az=15.0.									
MOS Error ellipse: s-maj=13.8km s-min=8.4km az=92.6.									
NEIC Event type se. Error ellipse: s-maj=9.1km s-min=7.4km az=26.0. Moment Tensor Solution. s10 Moment tensor: Scale 1018Nm; M1:0.26 M2:0.16 M3:1.44 M4:0.03 M5:1.09 M6:0.15									
Best double couple: NP1:φ=28.0000°,δ86.0000°,λ4.0000°; NP2:φ=298.0000°,δ86.0000°,λ176.0000°; Principal axes: T 1.7900,Plg6.0000°,AzM253.0000°; N 0.2500,Plg84.0000°,AzM68.0000°; P -2.0500,Plg0.0000°,AzM163.0000°; M1.90000x10 ¹⁸									
HRVD Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s109,c251; Mantle waves: s104,c388; Half duration: 2s7 Moment tensor: Scale 1018Nm; M1:0.04±.01 M2:0.67±.01; M3:0.71±.01; M4:0.12±.02; M5:0.04±.01; M6:0.42±.02; Best double couple: NP1:φ=46.0000°,δ78.0000°,λ6.0000°; NP2:φ=315.0000°,δ84.0000°,λ168.0000°; Principal axes: T 1.8080,Plg13.0000°,AzM270.0000°; N -0.1310,Plg76.0000°,AzM110.0000°; P -1.6800,Plg4.0000°,AzM1.0000°; M1.74400x10 ¹⁸									
(429) Mid-Indian Ridge									
ISC	V	07 16 45 07.5-24	36.81S-05	78.55E-07	10	5.2s,5.0b	122	30-178	
MOS	V	07 16 45 05.8-1.2	36.84S	78.64E	10	5.4b,5.3s			118338577
IDC	V	07 16 45 05.7-46	36.79S	78.52E	0	5.2s,5.2			
ISCJB	V	07 16 45 05.8-24	36.81S-05	78.59E-07	10	5.2s,5.0b			
HRVD	V	07 16 45 08.2-10	36.75S	78.57E	12	5.5W,5.0b			
NEIC	V	07 16 45 08.2-7.2	36.83S	78.57E	16-43	5.2s,5.1b			
BJI	V	07 16 45 08.2	36.80S	78.60E	16	5.6b,5.3s			
ISC Event type se.									
MOS Error ellipse: s-maj=16.0km s-min=10.1km az=90.1.									
IDC Error ellipse: s-maj=18.3km s-min=12.2km az=2.0.									
ISCJB Event type se. Error ellipse: s-maj=8.2km s-min=6.8km az=45.7.									
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s92,c152; Mantle waves: s98,c185; Half duration: 1s3 Moment tensor: Scale 1017Nm; M1:0.05±.03 M2:0.03±.02; M3:0.29±.03; M4:0.21±.06; M5:0.10±.03; M6:0.46±.06; Best double couple: NP1:φ=316.0000°,δ78.0000°,λ176.0000°; NP2:φ=47.0000°,δ86.0000°,λ12.0000°; Principal axes: T 2.1880,Plg12.0000°,AzM272.0000°; N 0.1280,Plg77.0000°,AzM65.0000°; P -2.0520,Plg6.0000°,AzM181.0000°; M2.12000x10 ¹									

; P-5.8800,Plg7.0000°,AzM38.0000° M6.10000x1017 Moment Tensor Solution.
 Broadband fault plane solution; P waves: NP1:φ=8.00000°,δ81.00000°,λ-160.00000°; NP2:
 φ=275.00000°,δ70.00000°,λ-10.00000°; Principal axes: T Plg7.0000°,AzM140.0000°
 ; N Plg0.0000°,AzM0.0000°; P Plg21.0000°,AzM233.0000°
 Error ellipse: s-maj=8.8km s-min=6.6km az=142.0.
 IDC Event type se. Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s38,c192; Mantle waves: s108,c328; Half duration: 157 Moment tensor: Scale
 1017Nm; Mr=0.83±0.04 Mw=1.05±0.04; Mww0.62±0.04; Mww4.07±0.03; Mw=1.55±0.10;
 Best double couple: NP1:φ=265.00000°,δ69.00000°,λ1.00000°; NP2:φ=175.00000°
 ;δ89.00000°,λ159.00000°; Principal axes: T 3.9150,Plg15.0000°,AzM128.0000°
 ; N 1.0040,Plg69.0000°,AzM353.0000°; P -4.9200,Plg15.0000°,AzM222.0000°
 ; M4.41700x1017

(173) Tonga Islands

ISC V 10 02 16 30.0-18 21.36S-05 174.51W-05 33 5.2b,5.0s 192 8-171
 ID V 10 02 16 24.8-54 21.25S 174.59W 0 5.2L,5.0
 SZGRF V 10 02 16 26.5 21.91S 173.88W 20 5.2L,5.0
 ID V 10 02 16 28.4-18 21.34S-05 174.57W-05 33 5.2b,5.0s
 MOS V 10 02 16 29.5-1.3 21.22S 174.26W 33 5.4b,5.0s
 BJI V 10 02 16 29.1 21.00S 174.74W 22 5.8b,5.5b
 NEIC V 10 02 16 30.0-1.4 21.32S 174.60W 37-12 5.2b,5.5b
 HRVD V 10 02 16 30.0-30 21.37S 173.75W 28-1 5.3W,5.5b

ISC Event type se.
 ID V Error ellipse: s-maj=20.9km s-min=14.4km az=130.0.
 SZGRF Tonga Islands.
 ID V Event type se. Error ellipse: s-maj=8.4km s-min=5.0km az=90.4.
 MOS Error ellipse: s-maj=14.8km s-min=9.2km az=70.0.
 NEIC Event type se. Error ellipse: s-maj=8.9km s-min=5.0km az=145.0.
 HRVD Error ellipse: s-maj=3.3km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s33,c52; Mantle waves: s21,c35; Half duration: 150 Moment tensor: Scale
 1017Nm; Mr=0.55±0.04 Mw=0.12±0.04; Mww0.67±0.03; Mww0.41±0.08; Mww0.23±0.02; Mw=0.57±0.06;
 Best double couple: NP1:φ=173.00000°,δ25.00000°,λ54.00000°; NP2:φ=32.00000°
 ;δ70.00000°,λ105.00000°; Principal axes: T 0.8960,Plg62.0000°,AzM326.0000°
 ; N 0.1180,Plg14.0000°,AzM207.0000°; P -1.0140,Plg23.0000°,AzM110.0000°
 ; M0.95500x1017

(9) Fox Islands

ISC V 10 02 42 57.7-12 52.60N-03 169.22W-02 55 6.2s,6.0b 1309 0-162
 BJI V 10 02 42 47.4 52.78N 169.48W 6 6.6s,6.4s
 ID V 10 02 42 50.8-1.6 52.55N 169.19W 16-9 6.1s,6.1
 NEIC V 10 02 42 51.0-13 52.52N 169.26W 18 6.3W,6.2s
 MOS V 10 02 42 51.6-91 52.51N 169.28W 33 6.3b,6.3s
 HRVD V 10 02 42 51.0-10 52.21N 169.19W 30-0 6.4W,6.3s
 SZGRF V 10 02 42 52.4 52.53N 169.33W 33 6.2b,6.1s
 ID V 10 02 42 54.0-12 52.50N-03 169.19W-02 53 6.2s,6.1b
 CAAAG V 10 02 42 54.7 52.54N 169.19W 56 6.4W,6.1b
 IGIL V 10 02 42 56.5 52.71N 169.24W 56 6.4s,6.1b
 BGS V 10 02 43 00.1-1.0 53.25N 168.68W 55-0 5.9b,6.1b

ISC Event type fe.
 ID V Error ellipse: s-maj=13.6km s-min=9.1km az=161.0.
 NEIC Event type fe. Error ellipse: s-maj=3.7km s-min=2.1km az=189.0. Felt [V] at Nikolski. Also felt
 at Dutch Harbor and Unalaska. Depth from synthetics of broadband displacement
 seismograms. Energy computed from BB mechanism. Moment Tensor Solution.

M6.00000x1018 Moment Tensor Solution. s21 Moment tensor: Scale 1018Nm; Mr=2.46
 Mw=2.17 Mw=0.29 Mw=1.95 Mw=0.83 Mw=0.50 Best double couple: NP1:φ=73.00000°
 ;δ65.00000°,λ93.00000°; NP2:φ=245.00000°,δ26.00000°,λ83.00000°; Principal axes:
 T 3.1800,Plg70.0000°,AzM350.0000°; N 0.0100,Plg3.0000°,AzM252.0000°
 ; P -3.1900,Plg20.0000°,AzM161.0000°; M3.20000x1018 Moment Tensor Solution.
 Broadband fault plane solution; P waves: NP1:φ=240.00000°,δ20.00000°,λ90.00000°; NP2:
 φ=60.00000°,δ70.00000°,λ90.00000°; Principal axes: T Plg65.0000°,AzM330.0000°
 ; N Plg0.0000°,AzM0.0000°; P Plg25.0000°,AzM150.0000°
 Error ellipse: s-maj=6.7km s-min=3.4km az=92.7.
 MOS Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 HRVD Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s116,c298; Mantle waves: s116,c505; Half duration: 399 Moment tensor:
 Scale 1018Nm; Mr=3.78±0.02 Mw=3.30±0.02; Mww0.47±0.01; Mww3.25±0.04; Mww1.47±0.01;
 Mw=1.26±0.03; Best double couple: NP1:φ=246.00000°,δ24.00000°,λ88.00000°; NP2:
 φ=68.00000°,δ66.00000°,λ91.00000°; Principal axes: T 5.1240,Plg69.0000°,AzM340.0000°
 ; N 0.1470,Plg1.0000°,AzM248.0000°; P -5.2680,Plg21.0000°,AzM157.0000°
 ; M5.19600x1018

SZGRF Fox Islands, Aleutian Islands, United States.
 ID V Event type fe. Error ellipse: s-maj=3.6km s-min=1.9km az=1.8.
 BGS Error ellipse: s-maj=73.5km s-min=281.9km az=-1.0.

(9) Fox Islands

ISC V 10 05 07 27.6-47 52.51N-03 169.18W-03 38-3 5.2b,4.7s 677 1-160
 ID V 10 05 07 24.1-80 52.38N-03 169.19W-03 25-5 5.2b,4.7s
 BJI V 10 05 07 25.9 52.80N 169.35W 40 5.3b,5.2b
 MOS V 10 05 07 25.4-89 52.40N 169.23W 33 5.5b,4.3s
 ID V 10 05 07 26.1-2.2 52.51N 169.15W 27-14 4.9,4.8b
 NEIC V 10 05 07 28.6 52.72N 169.31W 44 5.2b,5.1L
 HRVD V 10 05 07 28.6-60 52.48N 169.14W 43-3 5.3W,5.1L
 SZGRF V 10 05 07 33.3 53.70N 169.17W 33 5.4b,5.1L

ISC Event type se.
 ID V Error ellipse: s-maj=5.6km s-min=3.1km az=176.2.
 MOS Error ellipse: s-maj=7.8km s-min=4.0km az=91.1.
 ID V Error ellipse: s-maj=17.4km s-min=9.3km az=160.0.
 NEIC Event type se. After AEIC.
 HRVD Error ellipse: s-maj=7.8km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s18,c21; Mantle waves: s34,c37; Half duration: 150 Moment tensor: Scale
 1017Nm; Mr=0.81±0.08 Mw=0.75±0.06; Mww0.05±0.05; Mww0.23±0.07; Mww0.28±0.04; Mw=0.41±0.07;
 Best double couple: NP1:φ=267.00000°,δ36.00000°,λ119.00000°; NP2:φ=52.00000°
 ;δ59.00000°,λ70.00000°; Principal axes: T 0.9800,Plg69.0000°,AzM281.0000°
 ; N -0.0490,Plg17.0000°,AzM63.0000°; P -0.9320,Plg12.0000°,AzM157.0000°
 ; M0.95600x1017

SZGRF Fox Islands, Aleutian Islands, United States.
(224) Hokkaido region

ISC V 11 16 09 45.8-31 42.99N-02 145.75E-02 56-2 5.3b,4.3s 840 0-155
 NIED V 11 16 09 00 42.90N 145.80E 50 4.9W,4.3s
 CSEM V 11 16 09 38.7 43.11N 145.75E 10 5.5b,4.3s
 ID V 11 16 09 43.9-33 42.90N-02 145.75E-02 54-2 5.3b,4.3s
 MOS V 11 16 09 43.5-81 42.91N 145.73E 51 5.5b,4.3s
 JMA V 11 16 09 44.7-10 42.93N 145.83E 56-1 5.0,4.3s
 BJI V 11 16 09 44.0 42.98N 145.79E 59 5.1b,5.0b
 SKHL V 11 16 09 45.1-1.6 43.00N 145.90E 57-15 5.6,5.3b
 SZGRF V 11 16 09 45.5 43.15N 145.82E 49 5.3b,4.7s
 HRVD V 11 16 09 45.1-30 42.99N 146.04E 60-1 5.0W,4.7s
 NEIC V 11 16 09 45.1-13 42.97N 145.74E 50 5.3b,4.9W
 ID V 11 16 09 46.4-1.5 42.91N 145.79E 63-13 5.2,5.0

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=50.00000°,δ63.00000°,λ100.00000°.
 NP2:φ=209.00000°,δ28.00000°,λ71.00000°. M2.93000x1016
 Event type fe. Error ellipse: s-maj=4.1km s-min=2.7km az=135.4.
 ID V Event type fe. Error ellipse: s-maj=6.7km s-min=3.5km az=110.4. Felt [II] at Yuzhno-Kuril'sk.
 Moment Tensor Solution.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
 SZGRF Hokkaido, Japan, region.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s39,c52; Mantle waves: s71,c125; Half duration: 0 Moment tensor: Scale 1016
 Nm; Mr=2.41±15 Mw=1.00±10; Mww1.40±11; Mww1.77±07; Mww2.09±08; Mw=0.34±07;
 Best double couple: NP1:φ=198.00000°,δ37.00000°,λ50.00000°; NP2:φ=64.00000°
 ;δ63.00000°,λ116.00000°; Principal axes: T 3.2290,Plg63.0000°,AzM17.0000°
 ; N 0.4390,Plg23.0000°,AzM232.0000°; P -3.6580,Plg14.0000°,AzM136.0000°
 ; M3.44400x1016

NEIC Event type fe. Error ellipse: s-maj=4.0km s-min=2.3km az=174.0. Felt [II] at Yuzhno-Kuril'sk,
 Kunashir. Recorded [3 JMA] in eastern Hokkaido and [1 JMA] in the Obihiro area. Moment
 Tensor Solution. M2.90000x1016
 ID V Error ellipse: s-maj=11.5km s-min=9.7km az=166.0.

(294) Myanmar-India border region

ISC V 11 17 22 54.8-11 23.36N-02 94.27E-02 50 5.7b,5.3s 1077 3-165

LDG V 11 17 22 48.5-31 23.49N 94.00E 10-0 5.8b,5.0s
 CSEM V 11 17 22 48.5 23.39N 94.32E 20 5.8b,5.0s
 CRAAG V 11 17 22 51.5 23.30N 94.27E 51 5.4W,5.0s
 SZGRF V 11 17 22 51.9 22.62N 94.31E 51 6.0b,5.2s
 NEIC V 11 17 22 52.0-10 23.31N 94.31E 30 5.7b,5.4
 BJI V 11 17 22 52.4 23.28N 94.13E 63 6.0L,5.6s
 MOS V 11 17 22 52.5-85 23.34N 94.29E 48 5.9b,5.3s
 ID V 11 17 22 52.6-11 23.31N-02 94.23E-02 48 5.7b,5.3s
 BGS V 11 17 22 53.9-1.4 23.31N 94.32E 48-0 5.5b,5.3s
 HRVD V 11 17 22 54.1-10 23.31N 94.30E 34-0 5.6W,5.3s
 ID V 11 17 22 54.3-1.2 23.35N 94.32E 47-10 5.5,5.4

ISC Event type fe.
 LDG Event type ke. Error ellipse: s-maj=16.6km s-min=9.4km az=166.0.
 SZGRF Myanmar.
 NEIC Event type fe. Error ellipse: s-maj=3.8km s-min=2.3km az=35.0. Felt in the Chittagong,
 Bangladesh area. Depth from synthetics of broadband displacement seismograms. Energy
 computed from BB mechanism. Moment Tensor Solution. s24 Moment tensor: Scale 1017
 Nm; Mr=1.42 Mw=1.13 Mw=0.29 Mw=0.53 Mw=0.65 Mw=0.09 Best double couple: NP1:
 φ=74.00000°,δ54.00000°,λ105.00000°; NP2:φ=229.00000°,δ38.00000°,λ70.00000°
 ; Principal axes: T 1.5500,Plg75.0000°,AzM29.0000°; N -0.0100,Plg12.0000°,AzM245.0000°
 ; P -1.5500,Plg8.0000°,AzM153.0000°; M1.60000x1017 Moment Tensor Solution.

Broadband fault plane solution; P waves: NP1:φ=335.00000°,δ45.00000°,λ90.00000°; NP2:
 φ=155.00000°,δ45.00000°,λ90.00000°; Principal axes: T Plg90.0000°,AzM0.0000°
 ; N Plg0.0000°,AzM0.0000°; P Plg0.0000°,AzM65.0000°
 MOS Error ellipse: s-maj=6.9km s-min=3.0km az=126.2.
 ID V Event type fe. Error ellipse: s-maj=3.1km s-min=2.1km az=37.8.
 ID V Error ellipse: s-maj=255.9km s-min=315.1km az=-1.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s76,c131; Mantle waves: s101,c218; Half duration: 155 Moment tensor: Scale
 1017Nm; Mr=2.22±0.4 Mw=0.85±0.3; Mw=3.07±0.04; Mw=1.4±0.05; Mw=0.52±0.03; Mw=0.33±0.05;
 Best double couple: NP1:φ=15.00000°,δ42.00000°,λ102.00000°; NP2:φ=180.00000°
 ;δ49.00000°,λ80.00000°; Principal axes: T 2.2630,Plg82.0000°,AzM30.0000°
 ; N 0.8890,Plg8.0000°,AzM187.0000°; P -3.1550,Plg3.0000°,AzM277.0000°
 ; M2.70900x1017

(186) Vanuatu Islands

ISC V 11 17 56 16.3-29 20.32S-05 168.82E-06 43 4.9b,4.3s 94 3-166
 LDG V 11 17 56 11.6-22 20.45S 168.26E 10-0 5.1b,4.3s
 ID V 11 17 56 14.6-28 20.32S-05 168.72E-06 41 4.9b,4.3s
 BJI V 11 17 56 14.5 20.07S 169.16E 43 5.5b,5.4b
 SZGRF V 11 17 56 15.6 19.90S 170.66E 27 5.5b,5.4b
 MOS V 11 17 56 15.5-2.5 20.25S 168.72E 33 5.1b,5.4b
 ID V 11 17 56 15.9-82 20.37S 168.79E 37-4 4.8,4.7
 HRVD V 11 17 56 16.2-40 20.01S 168.49E 30-0 5.1W,4.7
 NEIC V 11 17 56 16.2-22 20.36S 168.75E 41 5.0b,4.7

ISC Event type ke.
 LDG Event type ke. Error ellipse: s-maj=21.8km s-min=2.9km az=129.0.
 ID V Event type ke. Error ellipse: s-maj=8.2km s-min=6.5km az=177.3.
 SZGRF Vanuatu Islands.

ISC Error ellipse: s-maj=11.9km s-min=10.6km az=0.2.
 ID V Error ellipse: s-maj=22.9km s-min=16.5km az=142.0.
 HRVD Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s22,c25; Mantle waves: s50,c62; Half duration: 0 Moment tensor: Scale 1016
 Nm; Mr=4.53±32 Mw=0.36±19; Mw=4.17±20; Mw=1.05±24; Mw=1.44±10; Mw=1.97±22;
 Best double couple: NP1:φ=325.00000°,δ38.00000°,λ63.00000°; NP2:φ=179.00000°
 ;δ57.00000°,λ110.00000°; Principal axes: T 5.2770,Plg71.0000°,AzM135.0000°
 ; N -0.3600,Plg17.0000°,AzM348.0000°; P -4.9170,Plg10.0000°,AzM255.0000°
 ; M5.09700x1016

(276) Sunda Strait

ISC V 12 08 16 57.2-13 5.65S-02 105.34E-03 20 5.4b,5.0s 519 1-179
 SZGRF V 12 08 16 53.6 6.58S 105.39E 33 5.5b,4.8s
 ID V 12 08 16 55.0-2.5 5.45S 105.52E 9-14 5.0,5.0
 ID V 12 08 16 55.1-14 5.65S-03 105.36E-03 18 5.4b,5.0s
 HRVD V 12 08 16 56.5-10 5.78S 105.48E 18-0 5.5W,5.0s
 BJI V 12 08 16 56.5 5.60S 105.40E 17 5.5b,5.0s
 NEIC V 12 08 16 56.5-11 5.58S 105.40E 17 5.5W,5.4b
 MOS V 12 08 16 57.6-1.1 5.42S 105.52E 33 5.6b,4.8s
 CSEM V 12 08 17 00.2 5.71S 104.97E 40 5.9b,4.8s

ISC Event type de.
 SZGRF Sunda Strait, Indonesia.
 ID V Error ellipse: s-maj=18.3km s-min=10.7km az=55.0.
 ID V Event type de. Error ellipse: s-maj=4.2km s-min=3.4km az=106.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s81,c141; Mantle waves: s92,c180; Half duration: 153 Moment tensor: Scale
 1017Nm; Mr=1.73±0.03 Mw=0.72±0.02; Mw=1.00±0.03; Mw=0.79±0.05; Mw=0.96±0.02; Mw=0.44±0.05;
 Best double couple: NP1:φ=340.00000°,δ47.00000°,λ-57.00000°; NP2:φ=117.00000°
 ;δ53.00000°,λ-120.00000°; Principal axes: T 1.8470,Plg3.0000°,AzM228.0000°
 ; N 0.2740,Plg24.0000°,AzM136.0000°; P -2.1250,Plg66.0000°,AzM325.0000°
 ; M1.98600x1017

NEIC Event type de. Error ellipse: s-maj=5.0km s-min=3.3km az=52.0. Some buildings damaged in
 the Kaliandak area, Sumatra. Felt [V] at Tanjungkarang-Telukbetung and Panjang and [III] at
 Kotabumi, Sumatra. Felt [IV] at Serang and [III] at Jakarta, Java. Also felt at Cilegon, Java.
 Moment Tensor Solution. s20 Moment tensor: Scale 1017Nm; Mr=1.51 Mw=0.31 Mw=1.20
 Mw=0.88 Mw=0.65 Mw=0.73 Best double couple: NP1:φ=139.00000°,δ64.00000°,λ-102.00000°
 ; NP2:φ=345.00000°,δ29.00000°,λ-67.00000°; Principal axes: T 1.8800,Plg18.0000°
 ; AzM238.0000°; N 0.0500,Plg11.0000°,AzM145.0000°; P -1.9300,Plg69.0000°,AzM25.0000°
 ; M1.90000x1017

MOS Error ellipse: s-maj=9.1km s-min=4.1km az=122.1.
(581) Mozambique

ISC V 12 18 12 18.9-21 21.31S-03 33.26E-04 20 4.7b,4.2s 222 5-151
 MOS V 12 18 12 15.9-79 21.19S 33.36E 10 4.8b,4.2s
 ID V 12 18 12 16.0-48 21.24S 33.45E 0 5.1L,4.6
 PRE V 12 18 12 16.1-1.6 20.95S 32.65E 5-0 5.8L,4.6
 ID V 12 18 12 16.9-21 21.30S-03 33.22E-04 19 4.7b,4.2s
 HRVD V 12 18 12 18.9-40 21.25S 33.38E 29-1 4.9W,4.2s
 BJI V 12 18 12 18.9 21.30S 33.40E 20 5.6b,5.0s
 NEIC V 12 18 12 18.9-19 21.29S 33.45E 20 4.8b,5.0s
 SZGRF V 12 18 12 22.5 21.13S 32.78E 33 4.7b,5.0s

ISC Event type se.
 ID V Error ellipse: s-maj=13.5km s-min=6.2km az=99.6.
 MOS Error ellipse: s-maj=17.9km s-min=13.6km az=86.0.
 PRE Error ellipse: s-maj=9.0km s-min=9.1km az=-1.0.
 ID V Event type se. Error ellipse: s-maj=6.1km s-min=3.8km az=54.6.
 HRVD Error ellipse: s-maj=4.4km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s24,c27; Mantle waves: s52,c71; Half duration: 0 Moment tensor: Scale 1016
 Nm; Mr=3.03±22 Mw=0.65±15; Mw=2.37±17; Mw=0.29±22; Mw=1.28±10; Mw=0.57±23;
 Best double couple: NP1:φ=142.00000°,δ42.00000°,λ-104.00000°; NP2:φ=342.00000°
 ;δ49.00000°,λ-77.00000°; Principal axes: T 3.0750,Plg4.0000°,AzM63.0000°
 ; N 0.0600,Plg10.0000°,AzM153.0000°; P -3.1420,Plg80.0000°,AzM313.0000°
 ; M3.10900x1016

NEIC Event type se. Error ellipse: s-maj=6.8km s-min=5.2km az=92.0.
 SZGRF Mozambique.

ISCJB Event type fe. Error ellipse: s-maj=3.3km s-min=2.3km az=35.0.
 NEIC Event type fe. Error ellipse: s-maj=3.5km s-min=2.0km az=211.0. Felt [IV] at Banda Aceh.
 Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution: s30 Moment tensor: Scale 10¹⁷Nm; M₁₁: 1.78 M₂₂: -0.89 M₃₃: -0.89 M₁₂: 0.66 M₁₃: 1.52 Best double couple: NP1: 134.00000° 371.00000° 190.00000° NP2: 315.00000° 819.00000° 191.00000°. Principal axes: T 2.8600, P1g64.0000°, Azm44.0000°; N -0.2300, P1g0.0000°, Azm134.0000°; P -2.6300, P1g26.0000°, Azm225.0000°; M2: 7.0000x10¹⁷ Moment Tensor Solution. Broadband fault plane solution: P waves, NP1: 14.00000°, 336.00000°, 114.00000°. NP2: 135.00000°, 870.00000°, 160.00000°. Principal axes: T P1g55.0000°, Azm7.0000°; N P1g0.0000°, Azm0.0000°; P P1g19.0000°, Azm247.0000°

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s85,c177; Mantle waves: s108,c258; Half duration: 156 Moment tensor: Scale 10¹⁷Nm; M₁₁: 3.01±0.05 M₂₂: 1.22±0.03 M₃₃: 1.78±0.04; M₁₂: 1.47±0.04; M₁₃: 1.80±0.03; M₂₁: 1.66±0.05; Best double couple: NP1: 320.00000° 828.00000° 191.00000° NP2: 313.00000° 863.00000° 189.00000°. Principal axes: T 3.7090, P1g72.0000°, Azm47.0000°; N 0.3210, P1g1.0000°, Azm139.0000°; P -4.0210, P1g18.0000°, Azm229.0000° M2: 3.86500x10¹⁷

IDC Error ellipse: s-maj=8.4km s-min=5.1km az=41.0.
 (259) Mindanao
 ISC V 13 14 16 56.4-39 6.69N-05 127.21E-07 35 4.3b,3.4s 44 5.0b,4.7s
 IDC V 13 14 16 50.8-65 6.70N 126.98E 0 4.2,4.1
 MOS V 13 14 16 53.5-1.4 6.73N 126.87E 33 4.7b,4.1
 ISCJB V 13 14 16 54.4-39 6.67N-05 127.23E-07 33 4.3b,3.4s
 NEIC V 13 14 16 57.5-1.9 6.71N 127.00E 49-18 4.5b,3.4s
 MAN V 13 14 16 59.5 6.65N 126.69E 12 6.3s,4.8L

ISC Event type se.
 IDC Error ellipse: s-maj=38.3km s-min=14.7km az=89.0.
 MOS Error ellipse: s-maj=30.1km s-min=12.0km az=95.3.
 ISCJB Event type se. Error ellipse: s-maj=11.1km s-min=5.2km az=120.9.
 NEIC Event type se. Error ellipse: s-maj=19.0km s-min=7.2km az=79.0.

(188) Loyalty Islands
 ISC V 13 19 55 43.0-19 20.17S-04 169.14E-04 35 5.2b,4.7s 196 3-166
 LDG V 13 19 55 39-1-21 20.27S 168.56E 10-0 5.5b,4.7s
 ISCJB V 13 19 55 41.2-19 20.15S-04 169.05E-04 33 5.2b,4.7s
 ORF V 13 19 55 43.6 19.94S 170.15E 30 6.2b,4.7s
 MOS V 13 19 55 48.7-1.5 20.10S 168.99E 95 5.1b,4.8s
 BJI V 13 19 55 49.2 19.76S 168.22E 95 5.1b,5.0b
 IDC V 13 19 55 49.3-3.2 20.16S 168.98E 89-28 5.0,4.7
 HRVD V 13 19 55 50.7-10 20.16S 168.88E 39-0 5.4W,4.7
 NEIC V 13 19 55 50.6-1.5 20.17S 169.01E 106-12 5.0b,4.7
 BGS V 13 19 55 52.8-4.6 20.17S 169.01E 100-0 5.0b,4.7

ISC Event type ke.
 LDG Event type ke. Error ellipse: s-maj=19.3km s-min=3.5km az=130.0.
 ISCJB Event type ke. Error ellipse: s-maj=6.4km s-min=4.6km az=105.1.
 MOS Error ellipse: s-maj=8.8km s-min=8.5km az=119.1.
 IDC Error ellipse: s-maj=13.4km s-min=12.5km az=107.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s89,c163; Mantle waves: s85,c139; Half duration: 192 Moment tensor: Scale 10¹⁷Nm; M₁₁: 1.32±0.02 M₂₂: 0.04±0.02; M₃₃: 1.28±0.02; M₁₂: 0.08±0.02; M₁₃: 0.60±0.01; M₂₁: 0.38±0.02; Best double couple: NP1: 335.00000° 838.00000° 185.00000° NP2: 316.161.00000° 853.00000° 194.00000°. Principal axes: T 1.3730, P1g82.0000°, Azm90.0000°; N 0.2030, P1g3.0000°, Azm339.0000°; P -1.5720, P1g7.0000°, Azm248.0000° M2: 1.47300x10¹⁷

NEIC Event type se. Error ellipse: s-maj=7.3km s-min=6.2km az=148.0.
 BGS Error ellipse: s-maj=223.5km s-min=99.9km az=-1.0.

(69) Near coast of Chiapas
 ISC V 14 07 38 10.9-19 14.42N-03 92.59W-02 53 4.9b,4.8s 477 1-159
 MOS V 14 07 38 02.9-86 14.39N 92.28W 10 5.0b,4.8s
 IDC V 14 07 38 03.6-53 14.52N 92.29W 0 4.8,4.8
 CASC V 14 07 38 05.3-2.2 14.43N 92.93W 11-18 5.2L,4.9b
 MEX V 14 07 38 07.1-54 13.99N 92.76W 20-21 5.1,4.9b
 ISCJB V 14 07 38 08.7-19 14.40N-03 92.62W-02 51 4.9b,4.8s
 HRVD V 14 07 38 09.9-20 14.30N 92.97W 31-0 5.4W,4.8b
 BJI V 14 07 38 09.8 14.40N 92.40W 48 5.6s,5.4s
 NEIC V 14 07 38 09.8-24 14.40N 92.40W 48 5.1,4.9s
 SZGRF V 14 07 38 11.3 14.24N 90.97W 33 4.8b,4.8s

ISC Event type fe.
 MOS Error ellipse: s-maj=8.1km s-min=4.6km az=100.9.
 IDC Error ellipse: s-maj=23.9km s-min=10.7km az=58.0.
 CASC Error ellipse: s-maj=9.7km s-min=16.9km az=-1.0.
 MEX Error ellipse: s-maj=7.2km s-min=8.4km az=-1.0.
 ISCJB Event type fe. Error ellipse: s-maj=4.5km s-min=2.0km az=60.5.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s96,c175; Mantle waves: s96,c173; Half duration: 152 Moment tensor: Scale 10¹⁷Nm; M₁₁: 3.6±0.03 M₂₂: 1.05±0.02; M₃₃: 0.31±0.02; M₁₂: 0.78±0.02; M₁₃: 0.53±0.01; M₂₁: 0.53±0.03; Best double couple: NP1: 294.00000° 828.00000° 183.00000° NP2: 246.121.00000° 863.00000° 194.00000°. Principal axes: T 1.6600, P1g72.0000°, Azm40.0000°; N -0.0440, P1g3.0000°, Azm300.0000°; P -1.6190, P1g17.0000°, Azm209.0000° M2: 1.63900x10¹⁷

NEIC Event type fe. Error ellipse: s-maj=6.5km s-min=3.6km az=218.0. Felt at San Pedro La Laguna, Guatemala.
 SZGRF Guatemala.

(581) Mozambique
 ISC V 15 13 56 12.2-34 21.52S-04 33.35E-05 10 4.3b,4.0s 77 5-151
 CSEM V 15 13 56 09.9 21.42S 33.28E 10 5.5b,4.0s
 PRE V 15 13 56 09.4-1.2 21.39S 33.44E 5-0 5.0L,4.0s
 MOS V 15 13 56 10.9-1.6 21.44S 33.38E 10 4.9b,4.0s
 ISCJB V 15 13 56 10.5-35 21.49S-05 33.27E-05 10 4.3b,4.0s
 IDC V 15 13 56 11.4-66 21.42S 33.54E 0 4.4,4.3L
 NEIC V 15 13 56 12.9-39 21.43S 33.48E 10 4.6b,4.3L

ISC Event type se.
 PRE Error ellipse: s-maj=9.9km s-min=9.5km az=-1.0.
 MOS Error ellipse: s-maj=16.6km s-min=10.6km az=87.2.
 ISCJB Event type se. Error ellipse: s-maj=7.7km s-min=5.4km az=84.5.
 IDC Error ellipse: s-maj=20.3km s-min=17.4km az=72.0.
 NEIC Event type se. Error ellipse: s-maj=11.6km s-min=10.7km az=125.0.

(248) Philippine Islands region
 ISC V 15 19 10 59.0-3.8 13.15N-08 125.3E-10 29-29 3.4b 16 1-49
 IDC V 15 19 10 56.8-3.6 12.55N 124.46E 0 3.7,3.5b
 ISCJB V 15 19 10 58.8-2.8 13.1N-10 125.3E-20 46-24 3.4b,3.5b
 MAN V 15 19 10 58.2 13.04N 125.15E 7 6.1s,4.3L

IDC Error ellipse: s-maj=304.3km s-min=28.6km az=64.0.
 ISCJB Error ellipse: s-maj=38.0km s-min=8.9km az=122.0.
 (173) Tonga Islands
 ISC V 16 00 53 49.0-22 21.15S-06 174.24W-06 34 5.0b,4.9s 137 8-171
 IDC V 16 00 53 43.3-54 21.04S 174.43W 0 5.2L,4.9
 ISCJB V 16 00 53 47.0-22 21.16S-06 174.30W-06 32 5.0b,4.9s
 MOS V 16 00 53 47.6-1.3 20.99S 174.39W 33 5.3b,5.0s
 BJI V 16 00 53 48.8 21.10S 174.30W 33 5.7b,5.4s
 NEIC V 16 00 53 48.8-20 21.08S 174.31W 34 5.1s,5.1b
 SZGRF V 16 00 53 49.0 21.16S 175.03W 44 5.1b,5.1b
 ORF V 16 00 54 09.6 12.73S 177.07W 30 5.8b,5.1b

ISC Event type se.
 IDC Error ellipse: s-maj=22.0km s-min=13.5km az=131.0.
 ISCJB Event type se. Error ellipse: s-maj=10.0km s-min=5.7km az=93.5.
 MOS Error ellipse: s-maj=14.5km s-min=9.7km az=57.2.
 IDC Error ellipse: s-maj=20.3km s-min=17.4km az=72.0.
 NEIC Event type se. Error ellipse: s-maj=10.8km s-min=5.7km az=135.0.

Tonga Islands.
 (269) Southern Molucca Sea
 ISC V 16 14 16 22.3-17 0.19S-03 125.15E-04 35 5.5b,4.9s 331 5-168
 BJI V 16 14 16 12.4 0.91S 125.51E 25 5.7b,5.5b
 ISCJB V 16 14 16 20.2-17 0.22S-03 125.11E-04 33 5.5b,4.9s
 NEIC V 16 14 16 20.8-2.0 0.12S 125.11E 25-14 5.4b,4.9s
 MOS V 16 14 16 20.8-97 0.04S 125.04E 33 5.7b,4.9s
 IDC V 16 14 16 21.7-2.0 0.13S 125.07E 31-13 5.1,5.0b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=5.4km s-min=3.5km az=134.1.

NEIC Event type fe. Error ellipse: s-maj=7.1km s-min=4.3km az=60.0. Felt at Tomohon, Indonesia.
 MOS Error ellipse: s-maj=10.7km s-min=5.5km az=116.4.
 IDC Error ellipse: s-maj=17.1km s-min=9.9km az=76.0.

(705) Off west coast of northern Sumatra
 ISC V 16 15 28 29.2-10 0.12N-02 97.11E-02 31 6.8s,5.5b 1380 3-173
 BJI V 16 15 28 24.4 0.10S 97.04E 22 7.3s,7.2b
 IGIL V 16 15 28 24.7 0.10N 97.00E 2 6.8s,7.2b
 CRAAG V 16 15 28 24.6 0.16N 97.10E 2 6.9W,7.2b
 NEIC V 16 15 28 25.9-08 0.08N 97.05E 12 7.6,6.8W
 HRVD V 16 15 28 25.9-10 0.01N 96.98E 14-0 6.8W,6.8W
 ISCJB V 16 15 28 27.1-10 0.14N-02 97.12E-02 29 6.8s,6.5b
 MOS V 16 15 28 27.4-90 0.13N 97.04E 33 6.8b,6.8s
 IDC V 16 15 28 29.2-4.6 0.12N 97.10E 33-34 6.8s,6.8s
 SZGRF V 16 15 28 29.5 0.27N 96.53E 34 6.8s,6.5b
 BGS V 16 15 28 34.2 1.43N 95.56E 10 6.2b,6.5b

ISC Event type fe.
 NEIC Event type fe. Error ellipse: s-maj=3.5km s-min=2.2km az=33.0. Felt [VI] at Gunungsitoli. Felt [V] at Sibolga; [IV] at Banda Aceh and Padang; felt at Bukittinggi and Medan, Sumatra. Felt at Balakong, Butterworth and Kuala Lumpur, Malaysia. Also felt in Singapore. Ground cracks observed on Nias. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution: s11 Moment tensor: Scale 10¹⁹ Nm; M₁₁: -0.57 M₂₂: 0.14 M₃₃: 0.43 M₁₂: 0.64 M₁₃: 0.34 M₂₁: 1.21 Best double couple: NP1: 307.00000° 882.00000° 196.00000° NP2: 316.00000° 810.00000° 152.00000°. Principal axes: T 2.1300, P1g37.0000°, Azm43.0000°; N 0.0000, P1g6.0000°, Azm308.0000°; P -2.1300, P1g52.0000°, Azm210.0000° M2: 10000x10¹⁹ Moment Tensor Solution. Broadband fault plane solution: P waves, NP1: 356.00000° 861.00000° 168.00000° NP2: 320.00000° 880.00000° 130.00000°. Principal axes: T P1g13.0000°, Azm11.0000°; N P1g0.0000°, Azm0.0000°; P P1g28.0000°, Azm274.0000°

HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s113,c261; Mantle waves: s112,c463; Half duration: 652 Moment tensor: Scale 10¹⁹Nm; M₁₁: 1.09±0.01 M₂₂: 0.31±0.01; M₃₃: 0.78±0.01; M₁₂: 0.66±0.03; M₁₃: 1.93±0.01; M₂₁: 0.79±0.03; Best double couple: NP1: 392.00000° 860.00000° 171.00000° NP2: 358.00000° 882.00000° 131.00000°. Principal axes: T 2.7650, P1g15.0000°, Azm49.0000°; N -1.3520, P1g59.0000°, Azm164.0000°; P -1.4130, P1g27.0000°, Azm311.0000° M2: 0.89000x10¹⁹

ISCJB Event type fe. Error ellipse: s-maj=3.2km s-min=2.2km az=35.6.
 MOS Error ellipse: s-maj=7.6km s-min=4.6km az=118.7.
 IDC Error ellipse: s-maj=12.8km s-min=8.5km az=38.0.
 SZGRF Off west coast of northern Sumatra, Indonesia.

(706) Northern Sumatra
 ISC V 16 16 10 29.1-1.7 0.03S-04 97.14E-04 31-12 5.1b 284 3-146
 IDC V 16 16 10 24.0-40 0.03S 97.07E 0 4.8,4.8
 ISCJB V 16 16 10 24.8-1.7 0.04S-04 97.12E-04 16-12 5.1b,4.8
 SZGRF V 16 16 10 26.1 0.74N 98.84E 33 4.9b,4.8
 MOS V 16 16 10 27.7-95 0.06N 97.09E 33 5.4b,4.8
 BJI V 16 16 10 28.4 0.00N 97.10E 28 5.5s,5.4s
 NEIC V 16 16 10 28.5-1.9 0.02S 97.12E 29-13 5.1b,5.4s

ISC Event type se.
 IDC Error ellipse: s-maj=15.2km s-min=10.1km az=32.0.
 ISCJB Event type se. Error ellipse: s-maj=8.0km s-min=5.6km az=61.4.
 SZGRF Northern Sumatra, Indonesia.
 MOS Error ellipse: s-maj=9.9km s-min=4.9km az=118.3.
 NEIC Event type se. Error ellipse: s-maj=6.2km s-min=3.6km az=222.0.

(273) Southwest of Sumatra
 ISC V 16 16 19 42.6-16 0.11N-03 97.19E-03 33 5.7s,5.3b 435 3-170
 BJI V 16 16 19 37.6 0.22S 97.10E 30 6.3b,5.8s
 ISCJB V 16 16 19 40.4-16 0.12N-03 97.21E-03 31 5.7s,5.3b
 MOS V 16 16 19 41.0-90 0.20N 97.17E 33 5.6b,5.3b
 NEIC V 16 16 19 42.3-12 0.12N 97.16E 33 5.3b,5.3b
 IDC V 16 16 19 42.4-33 0.15N 97.17E 33-2 5.1,4.9b
 SZGRF V 16 16 19 46.0 0.06N 95.90E 33 5.3b,4.9b

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=4.3km s-min=3.5km az=56.6.
 MOS Error ellipse: s-maj=8.0km s-min=4.3km az=117.9.
 NEIC Event type fe. Error ellipse: s-maj=4.6km s-min=3.2km az=38.0. Felt [II] at Gunungsitoli. Felt at Banda Aceh, Sumatra.
 IDC Error ellipse: s-maj=10.0km s-min=8.2km az=39.0.
 SZGRF Off west coast of northern Sumatra, Indonesia.

(273) Southwest of Sumatra
 ISC V 16 17 00 17.1-55 0.18N-08 97.12E-09 35 4.5b 48 3-144
 BJI V 16 17 00 12.9 0.17S 97.28E 33 5.5b,5.4s
 ISCJB V 16 17 00 14.5-54 0.17N-07 97.12E-09 33 4.5b,5.4s
 MOS V 16 17 00 14.0-1.2 0.18N 97.03E 33 4.9b,5.4s
 IDC V 16 17 00 15.3-62 0.03S 96.81E 32-3 4.4,4.4
 NEIC V 16 17 00 16.2-45 0.13N 97.07E 33 4.7b,4.4

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=14.8km s-min=7.9km az=108.8.
 MOS Error ellipse: s-maj=16.9km s-min=10.6km az=100.1.
 IDC Error ellipse: s-maj=32.9km s-min=10.1km az=46.0.
 NEIC Event type se. Error ellipse: s-maj=14.1km s-min=7.5km az=53.0.
 (173) Tonga Islands
 ISC V 16 20 55 48.1-15 20.78S-04 174.04W-04 16 5.6b,5.5s 265 7-171
 IDC V 16 20 55 45.4-45 20.68S 174.25W 0 5.2,5.2b
 BJI V 16 20 55 46.7 20.20S 173.79W 9 6.0b,5.8s
 ISCJB V 16 20 55 46.3-16 20.79S-04 174.09W-04 15 5.6b,5.5s
 HRVD V 16 20 55 47.7-30 20.85S 173.46W 24-0 5.7W,5.5s
 NEIC V 16 20 55 47.7-12 20.75S 174.15W 15 5.8b,5.6s
 SZGRF V 16 20 55 49.9 21.14S 173.98W 33 5.6b,5.6s
 MOS V 16 20 55 51.5-94 20.13S 174.11W 33 5.9b,5.5s

ISC Event type se.
 IDC Error ellipse: s-maj=18.9km s-min=13.0km az=141.0.
 ISCJB Event type se. Error ellipse: s-maj=6.6km s-min=4.0km az=107.2.
 HRVD Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s34,c44; Mantle waves: s84,c133; Half duration: 157 Moment tensor: Scale 10¹⁷Nm; M₁₁: 4.23±2.2 M₂₂: 0.55±1.3; M₃₃: 3.68±1.3; M₁₂: 0.20±2.3; M₁₃: 0.26±0.7; M₂₁: 1.6±1.7; Best double couple: NP1: 175.00000° 831.00000° 190.00000° NP2: 355.00000° 859.00000° 190.00000°. Principal axes: T 4.7850, P1g76.0000°, Azm264.0000°; N -0.5330, P1g0.0000°, Azm355.0000°; P -4.2560, P1g14.0000°, Azm85.0000° M2: 5.42000x10¹⁷

NEIC Event type se. Error ellipse: s-maj=7.2km s-min=3.6km az=145.0.
 SZGRF Tonga Islands.
 MOS Error ellipse: s-maj=13.6km s-min=8.1km az=73.7.

(257) Negros
 ISC V 16 20 56 02.3-1.3 9.63N-04 122.06E-05 10-9 3.8b 26 1-50
 IDC V 16 20 56 56.6-3.3 10.97N 125.04E 0 4.0,3.8b
 ISCJB V 16 20 56 01.4-55 9.63N-04 122.03E-04 10 3.8b,3.8b
 MAN V 16 20 56 01.5 9.69N 122.05E 4 6.8s,4.3L

IDC Error ellipse: s-maj=283.0km s-min=26.3km az=65.0.
 ISCJB Error ellipse: s-maj=6.8km s-min=4.8km az=108.1.
 (273) Southwest of Sumatra
 ISC V 16 21 12 23.5-1.5 0.14N-04 97.12E-04 34-10 4.8b,4.8s 256 3-158
 SZGRF V 16 21 12 17.9 0.81S 97.80E 32 4.8b,4.8s
 BJI V 16 21 12 19.4 0.23S 97.18E 37 5.5b,5.1s
 ISCJB V 16 21 12 19.1-1.4 0.13N-04 97.10E-04 17-9 4.8b,4.8s
 MOS V 16 21 12 21.6-89 0.23N 97.13E 33 5.1b,4.8s
 NEIC V 16 21 12 22.8-19 0.14N 97.13E 32 4.9b,4.8s
 IDC V 16 21 12 23.0-39 0.13N 97.09E 32-2 4.6,4.5

ISC Event type se.
 SZGRF Southwest of Sumatra, Indonesia.
 ISCJB Event type se. Error ellipse: s-maj=6.9km s-min=6.6km az=64.5.
 MOS Error ellipse: s-maj=9.4km s-min=5.1km az=116.2.
 NEIC Event type se. Error ellipse: s-maj=7.3km s-min=4.6km az=45.0.
 IDC Error ellipse: s-maj=18.5km s-min=8.6km az=42.0.

(671) Eastern Siberia
 ISC V 17 01 03 09.3-52 61.24N-03 167.15E-07 41-5 4.4b,3.4s 120 1-151
 SZGRF V 17 01 02 59.3 59.28N 166.53E 33 4.3b,3.4s
 BJI V 17 01 03 02.1 61.31N 167.95E 28 5.6b,5.2s
 KRSC V 17 01 03 03.4-40 61.21N 167.35E 1-3 4.0L,5.2s
 IDC V 17 01 03 05.3-63 61.17N 167.14E 0 4.2,4.

MOS	V	17 01 03 04.4-1.4	61.37N	167.26E	10	4.5b,4.2		
NEIC	V	17 01 03 05.2-37	61.18N	167.15E	10	4.6b,4.2		
ISCJB	V	17 01 03 07.1-63	61.26N-03	167.17E-07	35-6	4.4b,3.4s		
ISC	Event type se.							
SZGRF	Eastern Siberia, Russia.							
KRSC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
(173) Tonga Islands								
ISC	V	17 03 06 16.4-14	20.72S-03	173.83W-03	11	5.7s,5.6b	310	7-171
IDC	V	17 03 06 13.5-43	20.67S	174.07W	0	5.8L,5.5s		19149458
ISCJB	V	17 03 06 14.7-14	20.70S-03	173.85W-04	10	5.7s,5.6b		
HRVD	V	17 03 06 16.2-10	20.74S	173.99W	12	5.8W,5.6b		
BJI	V	17 03 06 16.1	20.60S	173.90W	10	6.1b,5.9s		
NEIC	V	17 03 06 16.4-11	20.63S	173.95W	11	6.0W,5.9s		
CRAAG	V	17 03 06 18.8	20.51S	173.99W	6	6.0W,5.9s		
SZGRF	V	17 03 06 20.4	20.59S	171.75W	33	5.9b,5.9s		
MOS	V	17 03 06 21.2-1.2	19.90S	173.77W	33	5.8b,5.6s		
ISC	Event type fe.							
IDC	Error ellipse: s-maj=15.8km s-min=10.9km az=148.0.							
ISCJB	Event type fe. Error ellipse: s-maj=5.8km s-min=3.7km az=89.9.							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s86,c172; Mantle waves: s107,c237; Half duration: 159 Moment tensor: Scale 10 ¹⁷ Nm; Mr=1.40±0.05 Mw=0.56±0.05; M=0.83±0.05; M=0.15±0.12; M=3.58±0.04; M=4.40±0.12; Best double couple: NP1:φ=83.0000°,λ=14.00000°; NP2:φ=185.00000°; λ=128.00000°; Principal axes: T 5.8280,Plg26.0000°; Azm304.0000°; P -0.0470,Plg37.0000°; Azm192.0000°; P -5.7800,Plg41.0000°; Azm60.0000°; M=5.80400×10 ¹⁷							
NEIC	Event type fe. Error ellipse: s-maj=6.9km s-min=4.0km az=142.0. Felt on Tonga and the Ha'apai Islands. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s43 Moment tensor: Scale 10 ¹⁸ Nm; Mr=0.04 Mw=0.19 Mw=0.22 Mw=0.25 Mw=0.1. Best double couple: NP1: φ=193.00000°; λ=73.00000°; NP2: φ=289.00000°; λ=174.00000°; Principal axes: T 1.1200,Plg41.0000°; Azm267.0000°; P -0.0600,Plg17.0000°; Azm13.0000°; P -1.0600,Plg44.0000°; Azm120.0000°; M=1.0000×10 ¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves: NP1:φ=175.00000°; λ=82.00000°; λ=90.00000°; NP2: φ=355.00000°; λ=88.00000°; λ=90.00000°; Principal axes: T Plg47.0000°; Azm265.0000°; P Plg0.0000°; Azm0.0000°; P Plg43.0000°; Azm85.0000°							
SZGRF	Tonga Islands region.							
MOS	Error ellipse: s-maj=11.7km s-min=7.5km az=75.4.							
(274) Southern Sumatra								
ISC	V	17 03 48 19.2-31	4.48S-05	102.72E-05	31	5.0b,4.7s	162	6-149
ISCJB	V	17 03 48 16.8-30	4.49S-05	102.72E-05	30	5.0b,4.7s		13358195
IDC	V	17 03 48 18.7-90	4.53S	102.72E	30-5	4.7,4.6b		
BJI	V	17 03 48 18.6	4.50S	102.70E	38	5.5b,5.1s		
MOS	V	17 03 48 18.3-1.0	4.25S	102.81E	33	5.0b,5.1s		
NEIC	V	17 03 48 19.6-92	4.46S	102.74E	39-8	5.0b,5.1s		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=7.8km s-min=5.8km az=94.8.							
IDC	Error ellipse: s-maj=33.7km s-min=10.8km az=48.0.							
MOS	Error ellipse: s-maj=13.1km s-min=6.1km az=112.4.							
NEIC	Event type fe. Error ellipse: s-maj=9.3km s-min=5.7km az=50.0. Felt [III] at Bengkulu.							
(173) Tonga Islands								
ISC	V	17 08 41 13.8-32	20.61S-10	173.99W-07	25	4.7b,4.2s	81	7-172
IDC	V	17 08 41 09.7-67	20.65S	173.97W	0	4.6,4.5		13358204
ISCJB	V	17 08 41 11.7-33	20.65S-10	174.03W-07	24	4.7b,4.2s		
MOS	V	17 08 41 12.9-60	20.65S	174.05W	33	4.9b,4.2s		
BJI	V	17 08 41 13.2	21.27S	174.24W	37	5.5b,5.3s		
NEIC	V	17 08 41 13.2-35	20.38S	174.09W	21	4.8b,5.3s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=26.5km s-min=16.2km az=143.0.							
ISCJB	Event type se. Error ellipse: s-maj=15.6km s-min=7.0km az=119.9.							
MOS	Error ellipse: s-maj=25.6km s-min=13.7km az=137.2.							
NEIC	Event type se. Error ellipse: s-maj=18.2km s-min=7.7km az=144.0.							
(179) South of Kermadec Islands								
ISC	V	17 09 22 01.3-1.7	32.69S-04	178.45W-09	21-12	5.2b,4.4s	102	3-169
BJI	V	17 09 21 55.4	32.60S	178.00W	10	5.6b,5.5s		110698489
HRVD	V	17 09 21 57.5-70	32.23S	177.58W	23-1	5.0W,5.5s		
NEIC	V	17 09 21 57.5-47	32.55S	178.02W	10	5.3b,5.5s		
IDC	V	17 09 22 00.4-2.5	32.13S	178.40W	19-15	5.0,5.0L		
ISCJB	V	17 09 22 00.3-1.6	32.78S-04	178.52W-09	24-11	5.2b,4.4s		
MOS	V	17 09 22 01.3-1.7	32.23S	178.30W	33	5.4b,4.4s		
ISC	Event type se.							
HRVD	Error ellipse: s-maj=6.7km s-min=7.8km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14,c14; Mantle waves: s39,c43; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=3.23±.35 Mw=1.24±.23; M=0.99±.21; M=0.41±.39; M=0.65±.16; M=1.79±.27; Best double couple: NP1:φ=213.00000°; λ=100.00000°; NP2:φ=21.00000°; λ=82.00000°; λ=84.00000°; Principal axes: T 3.7920,Plg73.0000°; Azm278.0000°; P -0.9100,Plg5.0000°; Azm24.0000°; P -2.8830,Plg16.0000°; Azm116.0000°; M=3.33800×10 ¹⁶							
NEIC	Event type se. Error ellipse: s-maj=14.8km s-min=8.9km az=113.0.							
IDC	Error ellipse: s-maj=19.6km s-min=16.5km az=157.0.							
ISCJB	Event type se. Error ellipse: s-maj=13.3km s-min=5.0km az=44.0.							
MOS	Error ellipse: s-maj=16.9km s-min=14.1km az=94.8.							
(173) Tonga Islands								
ISC	V	17 21 57 49.3-17	20.77S-04	173.85W-04	14	5.3s,5.3b	218	7-171
IDC	V	17 21 57 46.9-47	20.67S	174.06W	0	5.7L,5.4		13339097
BJI	V	17 21 57 47.9	20.14S	173.69W	4	5.8b,5.6b		
ISCJB	V	17 21 57 47.7-17	20.75S-04	173.90W-04	14	5.3s,5.3b		
HRVD	V	17 21 57 49.1-10	20.81S	173.35W	12	5.5W,5.3b		
NEIC	V	17 21 57 49.1-16	20.62S	173.97W	10	5.8W,5.4s		
CRAAG	V	17 21 57 51.3	20.64S	173.96W	10	5.8W,5.4s		
MOS	V	17 21 57 54.5-1.0	19.79S	173.91W	33	5.6b,5.3s		
SZGRF	V	17 21 57 57.6	18.98S	173.24W	33	5.6b,5.3s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=18.3km s-min=12.8km az=129.0.							
ISCJB	Event type se. Error ellipse: s-maj=7.2km s-min=4.5km az=90.1.							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s87,c152; Mantle waves: s96,c210; Half duration: 154 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.73±.02 Mw=0.29±.02; M=0.44±.02; M=0.34±.05; M=1.28±.02; M=1.71±.05; Best double couple: NP1:φ=82.00000°; λ=23.00000°; NP2:φ=192.00000°; λ=87.00000°; λ=120.00000°; Principal axes: T 2.4070,Plg27.0000°; Azm305.0000°; P -2.0640,Plg48.0000°; Azm70.0000°; M=2.23600×10 ¹⁷							
NEIC	Event type se. Error ellipse: s-maj=9.2km s-min=4.9km az=144.0. Moment Tensor Solution. s44 Moment tensor: Scale 10 ¹⁷ Nm; Mr=1.51 Mw=0.32 Mw=1.20 Mw=1.30 Mw=0.98 Mw=0.98 Best double couple: NP1:φ=191.00000°; λ=84.00000°; λ=96.00000°; NP2:φ=55.00000°; λ=88.00000°; λ=46.00000°; Principal axes: T 7.3100,Plg39.0000°; Azm286.0000°; P -0.0200,Plg6.0000°; Azm192.0000°; P -7.2900,Plg51.0000°; Azm95.0000°; M=7.30000×10 ¹⁷							
MOS	Error ellipse: s-maj=13.5km s-min=8.5km az=81.1.							
SZGRF	Tonga Islands.							
(219) Off east coast of Kamchatka Peninsula								
ISC	V	18 23 04 47.1-10	54.66N-02	163.73E-02	49	5.6b,5.4s	1221	1-164
IDC	V	18 23 04 39.9-33	54.68N	163.90E	0	5.4,5.4b		110698514
BJI	V	18 23 04 41.9	54.60N	163.90E	30	5.8s,5.6b		
CRAAG	V	18 23 04 43.0	54.64N	163.91E	5	5.7b,5.6b		
KRSC	V	18 23 04 43.1-1.8	54.60N	163.89E	36-6	5.7L,5.6b		
MOS	V	18 23 04 44.0-87	54.75N	163.70E	41	5.9b,5.4s		
NEIC	V	18 23 04 45.0-10	54.63N	163.86E	30	5.7W,5.7b		
ISCJB	V	18 23 04 45.2-10	54.59N-02	163.79E-02	47	5.6b,5.4s		
HRVD	V	18 23 04 45.0-10	54.55N	164.04E	26-0	5.7W,5.4s		
SZGRF	V	18 23 04 48.9	55.89N	163.45E	10	5.5b,5.3s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=11.0km s-min=8.4km az=144.0.							
KRSC	Event type se.							
MOS	Error ellipse: s-maj=6.7km s-min=5.2km az=80.8.							
NEIC	Event type se. Error ellipse: s-maj=3.2km s-min=2.0km az=178.0. Moment Tensor Solution. s23 Moment tensor: Scale 10 ¹⁷ Nm; Mr=1.18 Mw=0.53 Mw=0.42 Mw=0.05 Mw=0.63 Mw=0.13							

Best double couple: NP1:φ=49.00000°; λ=2.00000°; NP2:φ=319.00000°; λ=88.00000°; λ=178.00000°; Principal axes: T 4.1700,Plg3.0000°; Azm274.0000°; P -5.3700,Plg0.0000°; Azm184.0000°; M=4.80000×10 ¹⁷								
ISCJB	Event type se.							
HRVD	Error ellipse: s-maj=2.7km s-min=1.7km az=137.4.							
Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s96,c198; Mantle waves: s102,c279; Half duration: 157 Moment tensor: Scale 10 ¹⁷ Nm; Mr=1.91±.04 Mw=3.15±.04; M=0.06±.04; M=0.40±.11; M=0.18±.04; M=0.68±.10; Best double couple: NP1:φ=327.00000°; λ=80.00000°; λ=178.00000°; NP2:φ=236.00000°; λ=88.00000°; λ=10.00000°; Principal axes: T 5.5170,Plg6.0000°; Azm282.0000°; P -1.9470,Plg79.0000°; Azm45.0000°; P -3.5700,Plg9.0000°; Azm191.0000°; M=4.54400×10 ¹⁷								
SZGRF	Off east coast of Kamchatka Peninsula, Russia.							
(269) Southern Molucca Sea								
ISC	V	19 14 44 27.0-1.3	0.30S-02	124.85E-02	58	5.9b,5.7s	579	5-168
NEIC	V	19 14 44 24.9-11	0.14S	124.71E	35	6.1W,6.0b		138344276
IDC	V	19 14 44 24.3-1.1	0.18S	124.81E	33-7	5.7,5.7s		
ISCJB	V	19 14 44 25.0-13	0.29S-02	124.83E-02	56	5.9b,5.7s		
HRVD	V	19 14 44 24.9-10	0.24S	124.92E	31-0	6.3W,5.7s		
MOS	V	19 14 44 24.3-1.3	0.06N	124.63E	33	6.2b,5.7s		
BJI	V	19 14 44 24.9	0.10S	124.70E	35	6.0b,5.8s		
ISC	Event type fe.							
NEIC	Event type fe. Error ellipse: s-maj=5.1km s-min=3.6km az=72.0. Felt [III] at Manado, Indonesia. Also felt at Tomohon, Indonesia. Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism. Moment Tensor Solution. s33 Moment tensor: Scale 10 ¹⁸ Nm; Mr=0.9 Mw=0.01 Mw=1.0 Mw=0.36 Mw=0.88 Mw=1.25 Best double couple: NP1:φ=1.00000°; λ=121.00000°; NP2:φ=120.00000°; λ=336.00000°; λ=34.00000°; Principal axes: T 1.8800,Plg53.0000°; Azm309.0000°; P -0.0400,Plg29.0000°; Azm170.0000°; P -1.8400,Plg20.0000°; Azm68.0000°; M=1.90000×10 ¹⁸							
IDC	Error ellipse: s-maj=9.8km s-min=6.9km az=67.0.							
ISCJB	Event type fe. Error ellipse: s-maj=3.6km s-min=2.4km az=147.3.							
HRVD	Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s116,c281; Mantle waves: s112,c363; Half duration: 354 Moment tensor: Scale 10 ¹⁸ Nm; Mr=1.68±.02 Mw=1.62±.01; M=0.05±.02; M=0.07±.03; M=1.46±.01; M=2.52±.04; Best double couple: NP1:φ=267.00000°; λ=38.00000°; λ=149.00000°; NP2: φ=22.00000°; λ=72.00000°; λ=56.00000°; Principal axes: T 3.6420,Plg51.0000°; Azm254.0000°; P -0.6880,Plg32.0000°; Azm34.0000°; P -2.9470,Plg20.0000°; Azm137.0000°; M=3.29500×10 ¹⁸							
MOS	Error ellipse: s-maj=8.9km s-min=4.6km az=114.1.							
(104) Off coast of Ecuador								
ISC	V	21 02 07 39.6-1.1	1.52N-03	85.34W-03	29-7	5.7s,5.1b	389	5-155
IDC	V	21 02 07 34.4-6.1	1.62N	85.22W	0	5.6s,5.6b		138344309
ISCJB	V	21 02 07 34.1-1.3	1.53N-03	85.32W-03	6-7	5.7s,5.1b		
HRVD	V	21 02 07 36.4-10	1.48N	85.34W	14-0	6.0W,5.1b		
NEIC	V	21 02 07 36.4-22	1.55N	85.31W	10	5.9W,5.7s		
BJI	V	21 02 07 37.9	1.50N	85.30W	10	6.0s,5.7s		
MOS	V	21 02 07 40.8-1.1	1.89N	85.35W	38	5.7s,5.5b		
SZGRF	V	21 02 07 48.3	2.04N	84.78W	33	5.9s,5.2b		
CASC	V	21 02 07 49.0	2.42N	85.05W	6	5.3b,4.9		
ISC	Event type se.							
IDC	Error ellipse: s-maj=22.9km s-min=11.4km az=61.0.							
ISCJB	Event type se. Error ellipse: s-maj=6.2km s-min=3.8km az=111.6							

NEIC Event type fe. Error ellipse: s-maj=4.8km s-min=3.1km az=225.0. Felt [III] at Ilo and Moquegua; [II] at Arequipa, Tacna and Ubinas, Peru. Also felt [III] at Arica, Chile. Moment Tensor Solution. s35 Moment tensor: Scale 1017Nm; Mr=1.86 Mw=0.11 Mw=1.97 Mw=0.17 Mw=0.87 Mw=2.41 Best double couple: NP1:φ=179.00000°; λ=105.00000°; NP2: φ=319.00000°; λ=53.00000°. Principal axes: T 3.1200,Plg61.0000°, Azm112.0000°; N 0.1600,Plg15.0000°, Azm354.0000°; P -3.2800,Plg24.0000°, Azm257.0000°; Ms3.20000×10¹⁷

IDC Error ellipse: s-maj=17.4km s-min=11.5km az=79.0.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s87,c165; Mantle waves: s90,c174; Half duration: 1s4 Moment tensor: Scale 1017Nm; Mr=1.58±0.03 Mw=1.0±0.03; Mw=1.68±0.04; Mw=0.31±0.03; Mw=1.21±0.02; Mw=1.33±0.04; Best double couple: NP1:φ=317.00000°; λ=65.00000°; NP2: φ=165.00000°; λ=863.00000°. Principal axes: T 2.0620,Plg69.0000°, Azm101.0000°; N 0.6430,Plg12.0000°, Azm339.0000°; P -2.7060,Plg17.0000°, Azm245.0000°; Ms2.38400×10¹⁷

LDG Event type ke. Error ellipse: s-maj=21.8km s-min=4.2km az=3.0.

GUC Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.

SZGRF Central Bolivia.

(248) Philippine Islands region

ISC	V	25 23 24 08.6-1.3	20.58N-02	120.03E-03	12-8	4.8b,4.2s	253	2-171
NIED	V	25 23 24 00	20.80N	120.10E	32	4.8W,4.2s		18440558
ISCJB	V	25 23 24 05.5-1.1	20.60N-02	120.03E-04	3-6	4.8b,4.2s		
IDC	V	25 23 24 06.3-39	20.57N	120.03E	0	4.6,4.6		
BJI	V	25 23 24 09.6	20.84N	119.75E	7	4.8b,4.7s		
MAN	V	25 23 24 09	20.40N	120.02E	7	5.8s,5.1L		
NEIC	V	25 23 24 11.0-18	20.58N	120.05E	30	4.9b,5.1L		
MOS	V	25 23 24 10.3-1.1	20.65N	120.02E	33	5.1b,5.1L		
HRVD	V	25 23 24 11.0-50	20.65N	119.95E	16-1	4.9W,5.1L		
SZGRF	V	25 23 24 15.4	20.95N	119.51E	33	5.2b,5.1L		

ISC Event type se.

NIED Moment Tensor Solution. Best double couple: NP1:φ=225.00000°; λ=88.00000°; NP2:φ=48.00000°; λ=2.00000°. Ms1.75000×10¹⁶

ISCJB Event type se. Error ellipse: s-maj=5.7km s-min=3.2km az=153.1.

IDC Error ellipse: s-maj=17.6km s-min=8.4km az=68.0.

NEIC Event type se. Error ellipse: s-maj=5.7km s-min=4.2km az=88.0.

MOS Error ellipse: s-maj=9.7km s-min=5.1km az=116.8.

HRVD Error ellipse: s-maj=3.3km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14,c15; Mantle waves: s74,c108; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=2.73±17 Mw=0.60±08; Mw=2.13±11; Mw=0.20±28; Mw=0.60±05; Mw=0.14±26; Best double couple: NP1:φ=337.00000°; λ=96.00000°; NP2: φ=165.00000°; λ=846.00000°. Principal axes: T 2.3930,Plg1.0000°, Azm251.0000°; N 0.4140,Plg4.0000°, Azm341.0000°; P -2.7480,Plg66.0000°, Azm151.0000°; Ms2.54300×10¹⁶

(248) Philippine Islands region

ISC	V	25 23 51 16.7-3.0	20.65N-04	120.04E-07	20-19	4.2b	47	3-100
ISCJB	V	25 23 51 13.4-33	20.65N-04	119.99E-06	10	4.2b		18440560
IDC	V	25 23 51 13.6-74	20.62N	119.90E	0	4.2,4.0b		
NEIC	V	25 23 51 17.9-59	20.98N	119.79E	10	4.3b,4.0b		
MAN	V	25 23 51 19.3	20.76N	120.71E	30	6.6s,4.3L		
BJI	V	25 23 51 21.7	21.27N	119.38E	10	4.6b,4.1s		

(248) Philippine Islands region

ISC	V	26 06 36 12.6-2.9	20.61N-04	120.06E-10	19-19	3.9b	23	3-87
IDC	V	26 06 36 09.5-81	20.50N	120.00E	0	4.2,4.0		19132109
MAN	V	26 06 36 10.2	20.44N	119.92E	1	7.5s,4.3L		
ISCJB	V	26 06 36 11.4-2.6	20.61N-03	120.1E-10	24-20	3.9b,4.3L		
NEIC	V	26 06 36 13.8-43	20.55N	120.13E	30	4.2b,4.3L		

(425) Indian Ocean

ISC	V	26 11 52 39.5-29	37.43S-06	51.27E-08	10	4.6b,4.1s	61	19-172
IDC	V	26 11 52 37.7-45	37.42S	51.32E	0	4.5,4.4		18648192
ISCJB	V	26 11 52 37.9-29	37.42S-06	51.32E-08	10	4.6b,4.1s		
MOS	V	26 11 52 38.1-65	37.41S	51.30E	10	5.2b,4.1s		
HRVD	V	26 11 52 39.4-40	37.48S	51.29E	17-1	5.0W,4.1s		
NEIC	V	26 11 52 39.4-19	37.43S	51.27E	10	5.1b,4.1s		
BJI	V	26 11 52 39.4	37.40S	51.30E	10	5.5b,5.2s		

(249) Luzon

ISC	V	26 15 50 30.5-1.0	20.44N-09	120.3E-20	35	3.5b	12	3-46
IDC	V	26 15 50 25.1-1.3	20.33N	120.49E	0	3.9,3.6b		19508797
ISCJB	V	26 15 50 28.6-1.0	20.45N-09	120.3E-20	33	3.5s,3.6b		
MAN	V	26 15 50 51.1	18.91N	120.96E	14	7.0s,3.6b		

(248) Philippine Islands region

ISC	V	26 15 57 12.9-2.5	20.63N-03	120.16E-08	31-19	4.1b,3.4s	43	3-87
IDC	V	26 15 57 08.3-81	20.56N	119.93E	0	4.1,4.0		18648197
ISCJB	V	26 15 57 10.9-2.4	20.64N-03	120.15E-08	29-19	4.0b,3.4s		
MAN	V	26 15 57 12.1	20.39N	120.22E	4	8.2s,3.4s		
NEIC	V	26 15 57 13.7-41	20.62N	120.08E	35	4.2b,3.4s		
BJI	V	26 15 57 13.6	20.90N	119.95E	21	4.3b,4.2b		

(173) Tonga Islands

ISC	V	26 22 35 07.3-17	21.31S-04	174.32W-04	36	5.8s,5.2b	234	8-171
CSEM	V	26 22 35 02.5	21.23S	174.42W	10	5.5b,5.2b		18358514
IDC	V	26 22 35 04.6-3.1	21.19S	174.39W	22-19	5.4L,5.1s		
ISCJB	V	26 22 35 05.5-18	21.28S-05	174.39W-04	34	5.8s,5.2b		
MOS	V	26 22 35 05.7-97	21.14S	174.43W	33	5.5b,5.2b		
BJI	V	26 22 35 06.7	21.30S	174.40W	33	5.9s,5.7b		
NEIC	V	26 22 35 06.7-57	21.25S	174.39W	33-3	5.4s,5.3b		
HRVD	V	26 22 35 06.7-20	21.42S	173.56W	12	5.4W,5.3b		
SZGRF	V	26 22 35 11.8	19.29S	175.01E	33	5.4W,5.3b		

ISC Event type se. Error ellipse: s-maj=18.9km s-min=11.5km az=140.0.

ISCJB Event type se. Error ellipse: s-maj=8.1km s-min=4.4km az=113.6.

MOS Error ellipse: s-maj=10.6km s-min=7.8km az=50.3.

NEIC Event type se. Error ellipse: s-maj=8.0km s-min=4.1km az=145.0.

HRVD Error ellipse: s-maj=1.1km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s48,c73; Mantle waves: s59,c96; Half duration: 1s2 Moment tensor: Scale 10¹⁷Nm; Mr=1.04±0.03 Mw=0.01±0.03; Mw=1.05±0.03; Mw=0.34±0.07; Mw=0.09±0.02; Mw=0.99±0.06; Best double couple: NP1:φ=175.00000°; λ=72.00000°; NP2: φ=15.00000°; λ=868.00000°. Principal axes: T 1.4870,Plg67.0000°, Azm298.0000°; N -0.0150,Plg7.0000°, Azm192.0000°; P -1.4730,Plg22.0000°, Azm99.0000°; Ms1.48000×10¹⁷

(277) Jawa

ISC	V	26 22 54 00.8-14	8.08S-02	110.27E-02	20	6.2s,5.8b	586	1-179
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IDC	V	26 22 53 56.7-32	7.92S	110.45E	0	6.1,6.1s		18358516
ISCJB	V	26 22 53 58.6-15	8.10S-02	110.30E-02	19	6.2s,5.8b		
HRVD	V	26 22 53 58.9-10	8.03S	110.54E	22-0	6.4W,5.8b		
BJI	V	26 22 53 58.2	8.00S	110.40E	12	6.7s,6.3s		
NEIC	V	26 22 53 58.9-17	7.96S	110.45E	12	6.8,6.3W		
MOS	V	26 22 54 02.1-2.1	7.91S	110.50E	33	6.1s,6.0b		

ISC Event type de.

IDC Error ellipse: s-maj=14.2km s-min=9.9km az=38.0.

ISCJB Event type de. Error ellipse: s-maj=3.5km s-min=3.1km az=32.5.

HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s11,c247; Mantle waves: s111,c427; Half duration: 3s7 Moment tensor: Scale 10¹⁸Nm; Mr=1.22±0.02 Mw=3.36±0.02; Mw=4.57±0.03; Mw=0.60±0.04; Mw=0.13±0.02; Mw=0.62±0.04; Best double couple: NP1:φ=323.00000°; λ=176.00000°; NP2: φ=232.00000°; λ=886.00000°. Principal axes: T 4.8100,Plg7.0000°, Azm278.0000°; N -1.1920,Plg76.0000°, Azm36.0000°; P -3.6280,Plg12.0000°, Azm187.0000°; Ms4.21900×10¹⁸

(159) Samoa Islands region

ISC	V	27 05 57 39.5-20	20.92S-05	173.97W-05	16	5.0b,4.5s	171	7-171
IDC	V	27 05 57 37.0-45	20.83S	174.09W	0	4.8,4.8		18440620
ISCJB	V	27 05 57 38.2-20	20.92S-05	174.06W-05	17	5.0b,4.5s		
BJI	V	27 05 57 38.8	20.37S	173.45W	16	5.4b,5.0s		
NEIC	V	27 05 57 39.7-15	20.84S	174.09W	17	5.2b,5.0s		
MOS	V	27 05 57 41.0-1.2	20.89S	174.14W	33	5.3b,4.4s		
SZGRF	V	27 05 57 44.3	20.62S	173.16W	44	5.3b,4.4s		
ORF	V	27 05 57 54.5	16.70S	170.75W	30	5.8b,4.4s		

(169) Tonga Islands

ISC	V	27 11 57 45.8-2.1	20.77N-10	120.0E-20	38-19	3.6b	12	2-56
IDC	V	27 11 57 45.0-3.0	20.77N-10	120.0E-20	51-17	3.6b,4.1L		19508814

(248) Philippine Islands region

ISC	V	27 23 57 02.3-1.3	20.77N-02	120.14E-03	32-9	4.7b,4.0s	191	3-171
IDC	V	27 23 56 57.0-46	20.70N	120.01E	0	4.5,4.5b		18440659
ISCJB	V	27 23 56 59.5-1.3	20.77N-02	120.15E-03	25-9	4.7b,4.0s		
NIED	V	27 23 57 00	21.00N	120.10E	32	4.6W,4.0s		
BJI	V	27 23 57 01.4	20.83N	119.95E	30	4.6b,4.5s		
MOS	V	27 23 57 01.1-91	20.73N	120.03E	33	5.1b,4.5s		
MAN	V	27 23 57 02.7	20.43N	120.08E	9	7.6s,4.8L		
NEIC	V	27 23 57 02.5-20	20.69N	120.04E	35	4.9b,4.8L		
HRVD	V	27 23 57 02.5-70	21.07N	119.77E	18-1	4.8W,4.8L		
SZGRF	V	27 23 57 14.2	21.95N	117.65E	33	5.0b,4.8L		

(248) Philippine Islands region

ISC	V	28 01 19 35.9-1.4	20.74N-03	120.01E-03	17-9	4.7b,3.9s	242	3-171
ISCJB	V	28 01 19 31.9-1.2	20.74N-03	120.01E-03	2-8	4.7b,3.9s		110698660
IDC	V	28 01 19 32.8-53	20.72N	120.01E	0	4.6,4.5		
HRVD	V	28 01 19 35.3-80	20.77N	119.84E	14-1	4.7W,4.5		
NEIC	V	28 01 19 35.3-1.6	20.70N	120.04E	16-10	4.9b,4.5		
BJI	V	28 01 19 36.1	20.87N	119.73E	15	4.6b,4.6b		
SZGRF	V	28 01 19 37.4	19.98N	119.57E	33	5.0b,4.6b		
MOS	V	28 01 19 37.3-88	20.87N	119.96E	33	5.0b,4.6b		
MAN	V	28 01 19 38.7	20.38N	120.18E	4	7.2s,5.5L		

(248) Philippine Islands region

ISC	V	28 01 19 35.9-1.4	20.74N-03
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1017Nm; Mrr-0.43±10 Mee1.17±08; Mee-0.74±08; Mre-0.15±17; Mee-3.80±08; Mre-1.50±19; Best double couple: NP1:φ84.00000°; δ69.00000°; λ-173.00000°; NP2:φ352.00000°; δ84.00000°; λ-21.00000°; Principal axes: T 4.2760,Plg10.0000°; Azm40.0000°; N 0.1280,Plg68.0000°; Azm156.0000°; P -4.1500,Plg19.0000°; Azm306.0000°; M4.21300×1017

Table with 10 columns: Station, Azimuth, Distance, Magnitude, Moment Tensor Solution, etc. Includes stations like ISC, IDC, MOS, BJI, NEIC, SZGRF.

(696) Galapagos Islands region
ISC VI 05 10 33 55.2-35 1.82N-06 90.74W-07 10 4.5b,4.0s 171 3-150
IDC VI 05 10 33 53.2-32 1.85N-06 90.71W-07 10 4.5b,4.0s 18463680

(531) French Guiana
ISC VI 08 16 29 14.3-20 4.72N-04 51.85W-03 10 4.8b,4.4s 322 12-160
IDC VI 08 16 29 10.8-39 4.90N 52.01W 0 5.2L,4.7 18463786

(431) Prince Edward Islands region
ISC VI 09 23 17 23.0-16 47.61S-03 32.64E-07 10 5.5s,5.5b 392 18-165
IDC VI 09 23 17 25.0-33 47.50S 32.38E 0 5.5s,5.5s 110698857

(248) Philippine Islands region
ISC VI 10 20 09 38.5-22 19.11N-06 119.95E-07 32-18 3.7b 28 18750385
IDC VI 10 20 09 34.1-84 19.16N 120.50E 0 4.0,3.8b 18750385

(6) Rat Islands
ISC VI 14 04 18 44.7-10 51.77N-02 177.14E-02 29 6.5s,5.8b 1387 1-164
IDC VI 14 04 18 40.4-49 52.03N 176.71E 0 6.4s,6.4 110698913

(6) Rat Islands
ISC VI 14 04 18 44.7-10 51.77N-02 177.14E-02 29 6.5s,5.8b 1387 1-164
IDC VI 14 04 18 40.4-49 52.03N 176.71E 0 6.4s,6.4 110698913

(6) Rat Islands
ISC VI 14 04 18 44.7-10 51.77N-02 177.14E-02 29 6.5s,5.8b 1387 1-164
IDC VI 14 04 18 40.4-49 52.03N 176.71E 0 6.4s,6.4 110698913

(6) Rat Islands
ISC VI 14 04 18 44.7-10 51.77N-02 177.14E-02 29 6.5s,5.8b 1387 1-164
IDC VI 14 04 18 40.4-49 52.03N 176.71E 0 6.4s,6.4 110698913

(6) Rat Islands
ISC VI 14 04 18 44.7-10 51.77N-02 177.14E-02 29 6.5s,5.8b 1387 1-164
IDC VI 14 04 18 40.4-49 52.03N 176.71E 0 6.4s,6.4 110698913

(6) Rat Islands
ISC VI 14 04 18 44.7-10 51.77N-02 177.14E-02 29 6.5s,5.8b 1387 1-164
IDC VI 14 04 18 40.4-49 52.03N 176.71E 0 6.4s,6.4 110698913

(6) Rat Islands
ISC VI 14 04 18 44.7-10 51.77N-02 177.14E-02 29 6.5s,5.8b 1387 1-164
IDC VI 14 04 18 40.4-49 52.03N 176.71E 0 6.4s,6.4 110698913

(6) Rat Islands
ISC VI 14 04 18 44.7-10 51.77N-02 177.14E-02 29 6.5s,5.8b 1387 1-164
IDC VI 14 04 18 40.4-49 52.03N 176.71E 0 6.4s,6.4 110698913

(6) Rat Islands
ISC VI 14 04 18 44.7-10 51.77N-02 177.14E-02 29 6.5s,5.8b 1387 1-164
IDC VI 14 04 18 40.4-49 52.03N 176.71E 0 6.4s,6.4 110698913

(6) Rat Islands
ISC VI 14 04 18 44.7-10 51.77N-02 177.14E-02 29 6.5s,5.8b 1387 1-164
IDC VI 14 04 18 40.4-49 52.03N 176.71E 0 6.4s,6.4 110698913

M01.06100×1018
NEIC Event type se. Error ellipse: s-maj=3.4km s-min=2.0km az=178.0.
SZGRF Rat Islands, Aleutian Islands, United States.

Table with 10 columns: Station, Azimuth, Distance, Magnitude, Moment Tensor Solution, etc. Includes stations like ISC, MOS, BJI, ISCJB, HRVD, NEIC, IDC, SZGRF.

(705) Off west coast of northern Sumatra
ISC VI 14 07 24 07.4-20 2.66N-03 94.40E-03 31 5.1b,5.0s 322 5-158
MOS VI 14 07 24 05.8-84 2.74N 94.40E 33 5.4b,5.0s 110698926

(688) East of North Island
ISC VI 14 20 33 49.2-30 37.75S-04 179.83W-04 35 5.0b,4.3s 172 1-174
WEL VI 14 20 33 46.4-26 37.70S 179.53W 33 5.2L,4.3s 18463974

(688) East of North Island
ISC VI 14 20 33 49.2-30 37.75S-04 179.83W-04 35 5.0b,4.3s 172 1-174
WEL VI 14 20 33 46.4-26 37.70S 179.53W 33 5.2L,4.3s 18463974

(266) Northern Molucca Sea
ISC VI 15 04 28 01.6-15 1.47N-02 126.40E-03 22 5.5b,4.8s 378 5-168
BIJ VI 15 04 27 58.9 1.20N 126.45E 34 5.5b,5.3b 18474870

(266) Northern Molucca Sea
ISC VI 15 04 28 01.6-15 1.47N-02 126.40E-03 22 5.5b,4.8s 378 5-168
BIJ VI 15 04 27 58.9 1.20N 126.45E 34 5.5b,5.3b 18474870

(334) Mongolia
ISC VI 15 06 49 49.7-08 45.42N-02 97.36E-02 13 5.7s,5.7b 1379 6-170
BGS VI 15 06 49 41.4 44.43N 97.92E 10 5.4b,5.7b 110698938

(334) Mongolia
ISC VI 15 06 49 49.7-08 45.42N-02 97.36E-02 13 5.7s,5.7b 1379 6-170
BGS VI 15 06 49 41.4 44.43N 97.92E 10 5.4b,5.7b 110698938

(334) Mongolia
ISC VI 15 06 49 49.7-08 45.42N-02 97.36E-02 13 5.7s,5.7b 1379 6-170
BGS VI 15 06 49 41.4 44.43N 97.92E 10 5.4b,5.7b 110698938

(334) Mongolia
ISC VI 15 06 49 49.7-08 45.42N-02 97.36E-02 13 5.7s,5.7b 1379 6-170
BGS VI 15 06 49 41.4 44.43N 97.92E 10 5.4b,5.7b 110698938

(249) Luzon
ISC VI 15 12 58 15.8-39 19.01N-05 120.2E-10 28 4.1b 41 110698940
ISCJB VI 15 12 58 13.5-40 19.01N-05 120.3E-10 27 4.1b 110698940

(249) Luzon
ISC VI 15 12 58 15.8-39 19.01N-05 120.2E-10 28 4.1b 41 110698940
ISCJB VI 15 12 58 13.5-40 19.01N-05 120.3E-10 27 4.1b 110698940

(248) Philippine Islands region
ISC VI 15 13 06 36.7-27 19.03N-03 120.10E-07 31 4.4b,4.2s 77 3-150
MAN VI 15 13 06 33.5 19.00N 119.81E 14 6.5s,5.1L 18481079

Table with columns for station name (NEIC, IDC, BJI, etc.), coordinates (VI, 15, 13, etc.), and various numerical values (15, 13, 06, etc.).

ISC Event type se. Error ellipse: s-maj=8.8km s-min=4.4km az=138.2.

MOS Error ellipse: s-maj=17.6km s-min=8.4km az=103.2.

HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s.

LP body waves: s12,c15; Mantle waves: s56,c81; Half duration: 0 Moment tensor: Scale 1016 Nm; Mrr-1.97±.23 Mθθ2.01±.15; Mφφ-0.04±.15; Mrr-0.75±.25; Mθθ-1.45±.08; Mφφ-0.41±.28;

ISC Event type se. Error ellipse: s-maj=9.8km s-min=5.0km az=86.0.

IDC Error ellipse: s-maj=22.0km s-min=9.2km az=72.0.

(249) Luzon

Table with columns for station name (ISC, SZGRF, IDC, etc.), coordinates (VI, 15, 14, etc.), and numerical values (15, 14, 41, etc.).

ISC Event type se. Error ellipse: s-maj=8.5km s-min=5.5km az=88.2.

MOS Error ellipse: s-maj=18.6km s-min=8.7km az=110.8.

IDC Error ellipse: s-maj=28.1km s-min=11.8km az=68.0.

NEIC Event type se. Error ellipse: s-maj=12.3km s-min=7.8km az=85.0.

(265) Minahassa Peninsula, Sulawesi

Table with columns for station name (ISC, SZGRF, IDC, etc.), coordinates (VI, 16, 02, etc.), and numerical values (16, 02, 56, etc.).

ISC Event type se. Error ellipse: s-maj=13.9km s-min=8.2km az=65.0.

IDC Event type fe. Error ellipse: s-maj=3.9km s-min=3.0km az=177.7.

MOS Error ellipse: s-maj=9.1km s-min=4.2km az=115.1.

NEIC Event type fe. Error ellipse: s-maj=5.8km s-min=3.9km az=65.0. Felt [III] at Gorontalo.

Moment Tensor Solution. s21 Moment tensor: Scale 1017Nm; Mrr-2.45 Mθθ1.13 Mφφ1.32

Mφφ-1.33 Mθθ1.23 Mφφ-0.88 Best double couple: NP1:φ=50.0000°; λ=83.0000°; NP2:φ=216.0000°; λ=103.0000°; Azm135.0000°; P-2.9400,Plg73.0000°; Azm337.0000°; M2.90000x1017

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s88,c152; Mantle waves: s105,c226; Half duration: 144 Moment tensor: Scale 1017Nm; Mrr-1.90±.04 Mθθ1.80±.03; Mφφ0.10±.03; Mrr-1.27±.04; Mθθ-0.34±.02; Mφφ-0.64±.05;

Best double couple: NP1:φ=264.0000°; λ=87.0000°; NP2:φ=69.0000°; λ=97.0000°; Azm164.0000°; P-2.3590,Plg18.0000°; Azm164.0000°; M2.37500x1017

(265) Minahassa Peninsula, Sulawesi

Table with columns for station name (ISC, IDC, BJI, etc.), coordinates (VI, 16, 03, etc.), and numerical values (16, 03, 18, etc.).

ISC Event type se. Error ellipse: s-maj=31.5km s-min=13.9km az=70.0.

IDC Error ellipse: s-maj=19.5km s-min=14.7km az=103.0.

ISCJB Event type se. Error ellipse: s-maj=12.3km s-min=5.7km az=124.1.

MOS Error ellipse: s-maj=21.0km s-min=10.1km az=117.1.

NEIC Event type se. Error ellipse: s-maj=10.3km s-min=5.1km az=56.0.

(193) Bougainville - Solomon Islands region

Table with columns for station name (ISC, IDC, BJI, etc.), coordinates (VI, 16, 04, etc.), and numerical values (16, 04, 02, etc.).

ISC Event type se. Error ellipse: s-maj=19.5km s-min=14.7km az=103.0.

IDC Error ellipse: s-maj=6.1km s-min=4.9km az=162.0.

ISCJB Event type se. Error ellipse: s-maj=11.1km s-min=7.6km az=119.7.

MOS Error ellipse: s-maj=10.4km s-min=5.0km az=111.2.

HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s34,c40; Mantle waves: s64,c101; Half duration: 0 Moment tensor: Scale 1016 Nm; Mrr-1.28±.23 Mθθ0.20±.15; Mφφ-4.48±.15; Mrr-0.52±.51; Mθθ1.15±.11; Mφφ-2.97±.39;

Best double couple: NP1:φ=345.0000°; λ=82.0000°; NP2:φ=169.0000°; λ=86.0000°; Azm83.0000°; P-5.1980,Plg73.0000°; Azm83.0000°; M5.42900x1016

(265) Minahassa Peninsula, Sulawesi

Table with columns for station name (ISC, IDC, BJI, etc.), coordinates (VI, 16, 05, etc.), and numerical values (16, 05, 35, etc.).

ISC Event type se. Error ellipse: s-maj=16.3km s-min=9.6km az=67.0.

IDC Error ellipse: s-maj=4.0km s-min=3.0km az=173.9.

ISCJB Event type se. Error ellipse: s-maj=10.4km s-min=5.0km az=111.2.

MOS Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s84,c141; Mantle waves: s99,c157; Half duration: 151 Moment tensor: Scale 1017Nm; Mrr-1.11±.03 Mθθ0.79±.02; Mφφ-0.68±.02; Mθθ-0.31±.01; Mφφ-0.20±.03;

Best double couple: NP1:φ=240.0000°; λ=82.0000°; NP2:φ=69.0000°; λ=86.0000°; Azm156.0000°; P-1.1610,Plg17.0000°; Azm156.0000°; M1.1730,Plg4.0000°; Azm247.0000°; P-1.3320,Plg72.0000°; Azm349.0000°; M1.24600x1017

(259) Mindanao

Table with columns for station name (ISC, IDC, MAN, etc.), coordinates (VI, 16, 13, etc.), and numerical values (16, 13, 16, etc.).

ISC Event type fe. Error ellipse: s-maj=6.2km s-min=3.9km az=65.0. Felt [III] at Gorontalo.

Moment Tensor Solution. s19 Moment tensor: Scale 1017Nm; Mrr-1.32 Mθθ0.53 Mφφ0.79

Mφφ-0.54 Mθθ0.40 Mφφ-0.33 Best double couple: NP1:φ=45.0000°; λ=82.0000°; NP2:φ=210.0000°; λ=103.0000°; Azm13.0000°; P-1.4900,Plg75.0000°; Azm337.0000°; M1.40000x1017

(229) Off east coast of Honshu

Table with columns for station name (ISC, NIED, IDC, etc.), coordinates (VI, 16, 17, etc.), and numerical values (16, 17, 10, etc.).

ISC Event type fe. Error ellipse: s-maj=12.3km s-min=9.2km az=36.0.

IDC Event type fe. Error ellipse: s-maj=5.6km s-min=2.8km az=-1.0. 211km southwest of Bella

Bella, Bc South of Moresby Island, British Columbia Felt (III) at Bella Bella.

Table with columns for station name (JMA, ISCB, HRVD, etc.), coordinates (VI, 16, 17, etc.), and numerical values (16, 17, 10, etc.).

ISC Event type fe. Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s71,c130; Mantle waves: s99,c217; Half duration: 153 Moment tensor: Scale 1017Nm; Mrr-0.89±.02 Mθθ0.15±.01; Mφφ-1.03±.02; Mθθ-0.65±.05; Mφφ-0.16±.01; Mφφ-1.51±.08;

Best double couple: NP1:φ=171.0000°; λ=17.0000°; NP2:φ=22.0000°; λ=75.0000°; Azm303.0000°; P-1.8620,Plg59.0000°; Azm303.0000°; M1.91200x1017

NEIC Event type fe. Error ellipse: s-maj=3.6km s-min=2.4km az=163.0. Felt [II] at Misawa.

Recorded [1 JMA] in Akita, Aomori, Iwate and Miyagi. Also recorded [1 JMA] in south-central Hokkaido.

Moment Tensor Solution. M1.80000x1017 Moment Tensor Solution. s20 Moment tensor: Scale 1017Nm; Mrr-0.29 Mθθ0.23 Mφφ-0.52 Mφφ-0.96 Mθθ-0.15 Mφφ-1.80

Best double couple: NP1:φ=28.0000°; λ=85.0000°; NP2:φ=158.0000°; λ=40.0000°; Azm208.0000°; P-2.1800,Plg39.0000°; Azm113.0000°; M2.10000x1017

MOS Error ellipse: s-maj=6.9km s-min=3.4km az=111.8.

(229) Off east coast of Honshu

Table with columns for station name (ISC, NIED, JMA, etc.), coordinates (VI, 16, 20, etc.), and numerical values (16, 20, 19, etc.).

ISC Event type fe. Error ellipse: s-maj=1.9km s-min=1.7km az=-1.0.

HRVD Error ellipse: s-maj=7.1km s-min=3.6km az=111.9.

NEIC Event type fe. Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s55,c81; Mantle waves: s85,c155; Half duration: 154 Moment tensor: Scale 1017Nm; Mrr-0.66±.02 Mθθ0.08±.01; Mφφ-0.74±.01; Mφφ-0.71±.05; Mθθ-0.09±.01; Mφφ-1.94±.04;

Best double couple: NP1:φ=171.0000°; λ=81.0000°; NP2:φ=19.0000°; λ=81.0000°; Azm295.0000°; P-2.1620,Plg54.0000°; Azm295.0000°; M2.18400x1017

NEIC Event type fe. Error ellipse: s-maj=3.7km s-min=2.5km az=162.0. Recorded [2 JMA] in Aomori, Iwate and Miyagi; [1 JMA] in Akita Prefecture. Also recorded [1 JMA] in south-western Hokkaido and in the Shizunai area, Hokkaido.

Moment Tensor Solution. M1.30000x1017

SZGRF Off east coast of Honshu, Japan.

BGS Error ellipse: s-maj=150.3km s-min=391.3km az=-1.0.

(582) Mozambique Channel

Table with columns for station name (ISC, MOS, ISCB, etc.), coordinates (VI, 18, 16, etc.), and numerical values (18, 16, 54, etc.).

ISC Event type ke. Error ellipse: s-maj=7.4km s-min=7.4km az=106.8.

ISCJB Event type ke. Error ellipse: s-maj=10.0km s-min=8.0km az=110.4.

IDC Error ellipse: s-maj=19.2km s-min=17.0km az=128.0.

NEIC Event type se. Error ellipse: s-maj=8.2km s-min=7.0km az=139.0.

LDG Event type ke. Error ellipse: s-maj=55.3km s-min=6.1km az=28.0.

(403) Northern Mid-Atlantic Ridge

Table with columns for station name (ISC, CSEM, IGIL, etc.), coordinates (VI, 18, 28, etc.), and numerical values (18, 28, 02, etc.).

ISC Event type ke. Error ellipse: s-maj=2.1km s-min=0.9km az=174.0.

ISCJB Event type ke. Error ellipse: s-maj=4.4km s-min=1.5km az=169.9.

MOS Error ellipse: s-maj=8.8km s-min=2.9km az=138.8.

IDC Error ellipse: s-maj=10.4km s-min=6.9km az=151.0.

SZGRF Northern Mid-Atlantic Ridge.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s83,c153; Mantle waves: s105,c385; Half duration: 253 Moment tensor: Scale 1018Nm; Mrr-1.03±.01 Mθθ0.07±.01; Mφφ-0.96±.01; Mφφ-0.04±.02; Mθθ-0.42±.01; Mφφ-0.23±.02;

Best double couple: NP1:φ=205.0000°; λ=85.0000°; NP2:φ=19.0000°; λ=85.0000°; Azm12.0000°; P-1.0990,Plg3.0000°; Azm21.0000°; P-1.0570,Plg83.0000°; Azm265.0000°; M1.10600x1018

NEIC Event type se. Error ellipse: s-maj=4.0km s-min=1.6km az=175.0. Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism. Moment Tensor Solution. s65 Moment tensor: Scale 1017Nm; Mrr-6.00 Mθθ4.43 Mφφ5.57 Mφφ-2.35

Mφφ-2.91 Mφφ-4.34 Best double couple: NP1:φ=27.0000°; λ=87.0000°; NP2:φ=21.0000°; λ=86.0000°; Azm19.0000°; P-0.8600,Plg2.0000°; Azm206.0000°; P-7.6800,Plg71.0000°; Azm303.0000°; M8.10000x1017

(22) Queen Charlotte Islands region

Table with columns for station name (ISC, IDC, PGC, etc.), coordinates (VI, 20, 10, etc.), and numerical values (20, 10, 02, etc.).

ISC Event type fe. Error ellipse: s-maj=12.3km s-min=9.2km az=36.0.

IDC Event type fe. Error ellipse: s-maj=5.6km s-min=2.8km az=-1.0. 211km southwest of Bella

Bella, Bc South of Moresby Island, British Columbia Felt (III) at Bella Bella.

SZGRF Vancouver Island, Canada, region.
 ISCJB Event type fe. Error ellipse: s-maj=3.2km s-min=1.3km az=115.4.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s74,c133; Mantle waves: s96,c260; Half duration: 1:6 Moment tensor: Scale 10¹⁷Nm; M_r:1.03; M₁:0.03; M₂:1.83; M₃:0.4; M₀:0.80; M₁₀:0.39; M₂₀:2.65; M₃₀:0.89; M₁₀₀:1.0; Best double couple: NP1:φ=255.0000°; λ=12.0000°; λ-12.0000°; NP2:φ=348.0000°; λ=78.0000°; λ-166.0000°. Principal axes: T 2.4480,Plg2.0000°; Azm121.0000°; N 1.5700,Plg72.0000°; Azm27.0000°; P -4.0130,Plg18.0000°; Azm212.0000°; M₀:3.23000×10¹⁶

NEIC Event type fe. Error ellipse: s-maj=5.0km s-min=1.8km az=50.0. Felt [III] at Bella Bella. Moment Tensor Solution. M₀:9.0000×10¹⁷ Moment Tensor Solution. s22 Moment tensor: Scale 10¹⁷Nm; M_r:0.73; M₁:0.35; M₂:2.84; M₃:0.17; M₁₀:0.18; M₂₀:0.31; Best double couple: NP1:φ=136.0000°; λ=86.0000°; λ=173.0000°; NP2:φ=227.0000°; λ=83.0000°; λ=4.0000°. Principal axes: T 2.8900,Plg8.0000°; Azm91.0000°; N 0.6800,Plg82.0000°; Azm288.0000°; P -3.5700,Plg2.0000°; Azm182.0000°; M₀:3.20000×10¹⁷

MOS Error ellipse: s-maj=7.1km s-min=3.4km az=97.8.
 (739) Azores-Cape St. Vincent Ridge

ISC	VI	21 00 51 16.9--22	36.06N--02	10.46W--02	10	4.6b,3.8s	796	2-154
SZGRF	VI	21 00 51 12.4	35.30N	10.81W	33	4.5b,3.7s		¶10699027
BJI	VI	21 00 51 12.8	36.00N	10.45W	6	5.3b,5.0s		
IDC	VI	21 00 51 13.8--63	35.94N	10.58W	0	5.2L,4.5		
ISCJB	VI	21 00 51 14.6--22	36.03N--02	10.49W--02	10	4.6b,3.8s		
MOS	VI	21 00 51 14.2--10	36.02N	10.56W	10	5.3b,3.8s		
NEIC	VI	21 00 51 14.8--21	35.93N	10.67W	10	4.7b,3.8s		
CSEM	VI	21 00 51 15.6	35.72N	10.55W	33	4.8b,3.8s		
SFS	VI	21 00 51 17.0	36.10N	10.40W	0	5.5L,3.8s		
MDD	VI	21 00 51 19.1--81	36.00N	10.63W	42--27	5.7b,3.8s		
IGIL	VI	21 00 51 20.6	36.10N	10.60W	31	5.0L,3.8s		
LDG	VI	21 00 51 21.2	36.10N	10.41W	59	5.0L,3.8s		
INMG	VI	21 00 51 21.4--1.7	36.11N	10.52W	26--30	4.5L,3.9		
CNRM	VI	21 00 51 28.3	35.55N	9.87W	30	4.6,3.9		

ISC Event type se.
 SZGRF Azores-Cape St. Vincent Ridge.
 IDC Error ellipse: s-maj=15.9km s-min=12.9km az=104.0.
 ISCJB Event type ke. Error ellipse: s-maj=2.9km s-min=2.6km az=21.4.
 MOS Error ellipse: s-maj=8.5km s-min=2.4km az=48.3.
 NEIC Event type se. Error ellipse: s-maj=4.1km s-min=2.8km az=130.0.
 MDD Error ellipse: s-maj=6.9km s-min=5.2km az=82.0. PRXIMO.
 LDG Event type ke.
 INMG Event type ke. Error ellipse: s-maj=23.3km s-min=3.4km az=55.0.

(706) Northern Sumatera

ISC	VI	21 08 53 37.2--25	1.41N--04	97.08E--03	31	5.1b,4.5s	213	4-159
IDC	VI	21 08 53 31.6--57	1.33N	97.12E	0	4.8,4.8		¶18495710
SZGRF	VI	21 08 53 32.3	0.26N	97.42E	33	4.7b,4.8		
BJI	VI	21 08 53 33.5	1.07N	97.12E	39	5.3b,5.3s		
ISCJB	VI	21 08 53 35.0--25	1.42N--04	97.10E--03	29	5.1b,4.5s		
NEIC	VI	21 08 53 37.0--22	1.42N	97.13E	30	5.0b,4.5s		
MOS	VI	21 08 53 36.1--89	1.58N	97.17E	33	5.5b,4.5s		
HRVD	VI	21 08 53 37.0--70	0.95N	97.01E	34--1	4.9W,4.5s		

ISC Event type se.
 IDC Error ellipse: s-maj=22.5km s-min=10.3km az=46.0.
 SZGRF Northern Sumatera, Indonesia.
 ISCJB Event type se. Error ellipse: s-maj=5.4km s-min=4.3km az=47.9.
 NEIC Event type se. Error ellipse: s-maj=7.9km s-min=4.3km az=220.0.
 MOS Error ellipse: s-maj=11.8km s-min=5.6km az=111.3.
 HRVD Error ellipse: s-maj=4.4km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s22,c30; Mantle waves: s37,c51; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_r:2.17; M₁:2.24; M₂:1.57; M₃:1.06; M₁₀:0.62; M₂₀:1.8; M₃₀:1.40; M₁₀₀:1.34; M₂₀₀:2.3; Best double couple: NP1:φ=293.0000°; λ=29.0000°; λ=29.0000°; NP2:φ=136.0000°; λ=83.0000°; λ=101.0000°. Principal axes: T 2.7750,Plg70.0000°; Azm68.0000°; N 0.3190,Plg9.0000°; Azm311.0000°; P -3.0940,Plg18.0000°; Azm218.0000°; M₀:2.93500×10¹⁶

(704) Nicobar Islands region

ISC	VI	21 12 34 53.8--12	6.94N--02	92.49E--02	22	6.0s,5.6b	917	5-171
SZGRF	VI	21 12 34 50.6	6.87N	93.19E	20	5.6b,5.6b		¶10699035
CRAAG	VI	21 12 34 50.7	7.07N	92.52E	25	5.8b,5.6b		
BJI	VI	21 12 34 50.0	6.75N	92.34E	25	6.5b,5.6b		
ISCJB	VI	21 12 34 51.5--12	6.93N--02	92.49E--02	20	6.0s,5.6b		
MOS	VI	21 12 34 52.7--1.1	6.89N	92.49E	33	5.9b,5.6s		
HRVD	VI	21 12 34 52.7--10	6.83N	92.46E	12	6.0W,5.9s		
NEIC	VI	21 12 34 52.7--10	6.94N	92.45E	16	5.9,5.9W		
IDC	VI	21 12 34 54.2--3.0	6.96N	92.59E	28--19	5.6s,5.6		

ISC Event type se.
 SZGRF Nicobar Islands, India, region.
 ISCJB Event type se. Error ellipse: s-maj=3.4km s-min=2.4km az=40.9.
 MOS Error ellipse: s-maj=9.9km s-min=5.7km az=103.7.
 HRVD Error ellipse: s-maj=0.0km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s90,c168; Mantle waves: s112,c405; Half duration: 2:5 Moment tensor: Scale 10¹⁸Nm; M_r:1.33; M₁:0.01; M₂:0.22; M₃:0.11; M₁₀:0.03; M₂₀:0.55; M₃₀:0.30; M₁₀₀:0.30; M₂₀₀:0.2; Best double couple: NP1:φ=328.0000°; λ=0.0000°; λ=0.0000°; NP2:φ=161.0000°; λ=85.0000°; λ=98.0000°. Principal axes: T 1.3730,Plg81.0000°; Azm115.0000°; N 0.0270,Plg7.0000°; Azm336.0000°; P -1.4000,Plg6.0000°; Azm245.0000°; M₀:1.38700×10¹⁸

NEIC Event type se. Error ellipse: s-maj=4.2km s-min=2.7km az=31.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s42 Moment tensor: Scale 10¹⁷Nm; M_r:7.33; M₁:0.13; M₂:7.46; M₃:0.30; M₁₀:1.36; M₂₀:3.51; Best double couple: NP1:φ=3.0000°; λ=83.0000°; λ=83.0000°; NP2:φ=197.0000°; λ=333.0000°; λ=101.0000°. Principal axes: T 8.1700,Plg76.0000°; Azm252.0000°; N 0.2700,Plg6.0000°; Azm7.0000°; P -8.4400,Plg12.0000°; Azm99.0000°; M₀:8.30000×10¹⁷ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=340.0000°; λ=83.0000°; λ=90.0000°. NP2:φ=160.0000°; λ=80.0000°; λ=90.0000°. Principal axes: T 1.3700,Plg75.0000°; Azm70.0000°; N 1.9000,Plg0.0000°; Azm0.0000°; P 1.1500,Plg15.0000°; Azm250.0000°

IDC Error ellipse: s-maj=11.4km s-min=9.1km az=28.0.
 (403) Northern Mid-Atlantic Ridge

ISC	VI	21 23 37 50.9--25	19.02N--05	45.99W--03	10	4.8b,4.2s	306	19-175
IDC	VI	21 23 37 48.6--41	19.02N	46.04W	0	6.1L,4.5		¶18495755
MOS	VI	21 23 37 48.5--69	19.00N	46.03W	10	5.5b,4.5		
ISCJB	VI	21 23 37 48.7--25	19.01N--05	46.01W--03	10	4.8b,4.2s		
HRVD	VI	21 23 37 50.3--30	19.09N	46.04W	12	5.1W,4.2s		
NEIC	VI	21 23 37 50.4--17	18.98N	46.03W	10	5.0b,4.2s		
SZGRF	VI	21 23 37 56.4	19.19N	45.52W	33	5.0b,4.2s		

ISC Event type se.
 IDC Error ellipse: s-maj=15.4km s-min=9.9km az=135.0.
 MOS Error ellipse: s-maj=8.3km s-min=4.3km az=50.6.
 ISCJB Event type se. Error ellipse: s-maj=7.6km s-min=3.5km az=158.4.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s20,c26; Mantle waves: s76,c122; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_r:4.55; M₁:12; M₂:1.62; M₃:1.2; M₁₀:1.43; M₂₀:2.93; M₃₀:1.1; M₁₀₀:2.1; M₂₀₀:4.1; Best double couple: NP1:φ=205.0000°; λ=40.0000°; λ=110.0000°. NP2:φ=0.0000°; λ=83.0000°; λ=73.0000°. Principal axes: T 3.3980,Plg6.0000°; Azm130.0000°; N -0.4950,Plg13.0000°; Azm221.0000°; P -4.8930,Plg76.0000°; Azm15.0000°; M₀:5.14500×10¹⁶

NEIC Event type se. Error ellipse: s-maj=4.9km s-min=2.7km az=168.0.
 SZGRF Northern Mid-Atlantic Ridge.
 (272) Seram

ISC	VI	22 03 48 17.2--17	3.09S--02	129.17E--04	20	5.1b,4.7s	215	1-163
IDC	VI	22 03 48 13.9--43	3.07S	129.10E	0	4.9,4.9b		¶18495777
ISCJB	VI	22 03 48 14.9--17	3.10S--02	129.17E--04	19	5.1b,4.7s		
BJI	VI	22 03 48 16.4	3.10S	129.10E	15	5.1b,4.9b		
HRVD	VI	22 03 48 16.5--10	2.90S	129.17E	24--0	5.3W,4.9b		
NEIC	VI	22 03 48 16.5--2.4	3.12S	129.06E	16--14	5.2b,4.9b		
MOS	VI	22 03 48 17.4--1.1	3.14S	128.93E	33	5.5b,4.6s		

1017Nm; M_r:0.24; M₁:0.03; M₂:1.31; M₃:0.02; M₁₀:0.73; M₂₀:0.10; M₃₀:0.15; M₁₀₀:0.21; M₂₀₀:0.4; Best double couple: NP1:φ=42.0000°; λ=878.0000°; λ=7.0000°; NP2:φ=310.0000°; λ=883.0000°; λ=168.0000°. Principal axes: T 1.1310,Plg14.0000°; Azm266.0000°; N 0.1910,Plg76.0000°; Azm100.0000°; P -1.3250,Plg3.0000°; Azm357.0000°; M₀:1.22800×10¹⁷

NEIC Event type fe. Error ellipse: s-maj=6.9km s-min=3.8km az=64.0. Felt [IV] at Amahai.
 MOS Error ellipse: s-maj=13.3km s-min=5.8km az=111.2.
 (403) Northern Mid-Atlantic Ridge

ISC	VI	22 18 48 39.9--25	19.01N--05	46.06W--03	10	4.7b,4.2s	259	19-175
MOS	VI	22 18 48 37.9--82	19.05N	46.13W	10	5.5b,4.2s		¶18495804
IDC	VI	22 18 48 37.7--48	19.08N	46.10W	0	4.4,4.4		
ISCJB	VI	22 18 48 37.8--25	19.01N--05	46.10W--03	10	4.7b,4.2s		
BJI	VI	22 18 48 39.3	19.00N	46.10W	10	5.2b,5.1s		
HRVD	VI	22 18 48 39.4--40	19.05N	46.16W	12	4.9W,5.5s		
NEIC	VI	22 18 48 39.4--19	18.99N	46.10W	10	4.7b,5.1s		

ISC Event type se.
 MOS Error ellipse: s-maj=8.4km s-min=5.8km az=53.8.
 IDC Error ellipse: s-maj=15.3km s-min=11.3km az=124.0.
 ISCJB Event type se. Error ellipse: s-maj=7.4km s-min=4.0km az=155.4.
 HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s11,c15; Mantle waves: s56,c79; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_r:1.88; M₁:1.01; M₂:0.87; M₃:1.2; M₁₀:0.86; M₂₀:1.50; M₃₀:1.12; M₁₀₀:0.58; M₂₀₀:0.4; Best double couple: NP1:φ=219.0000°; λ=83.0000°; λ=101.0000°. NP2:φ=52.0000°; λ=858.0000°; λ=83.0000°. Principal axes: T 2.6750,Plg13.0000°; Azm137.0000°; N -0.5410,Plg6.0000°; Azm228.0000°; P -2.1290,Plg76.0000°; Azm342.0000°; M₀:2.40200×10¹⁶

NEIC Event type se. Error ellipse: s-maj=5.5km s-min=3.4km az=162.0.
 (272) Seram

ISC	VI	22 19 20 54.3--91	3.00S--02	127.37E--04	16--5	5.3b,4.7s	259	8-161
BJI	VI	22 19 20 44.9	3.93S	127.96E	24	5.6b,5.5b		¶18495806
ISCJB	VI	22 19 20 52.1--18	2.96S--02	127.32E--04	13	5.3b,4.7s		
IDC	VI	22 19 20 53.4--1.6	3.07S	127.15E	13--8	5.4L,5.0		
MOS	VI	22 19 20 54.4--86	3.02S	127.16E	33	5.7b,5.0		
HRVD	VI	22 19 20 55.4--20	2.93S	127.19E	12	5.4W,5.0		
NEIC	VI	22 19 20 55.4--1.5	3.04S	127.20E	25--11	5.3b,4.9s		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=5.4km s-min=3.1km az=143.0.
 IDC Error ellipse: s-maj=15.9km s-min=7.7km az=69.0.
 MOS Error ellipse: s-maj=14.2km s-min=6.0km az=107.3.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s61,c85; Mantle waves: s61,c86; Half duration: 1:4 Moment tensor: Scale 10¹⁷Nm; M_r:0.18; M₁:0.02; M₂:0.01; M₃:0.17; M₁₀:0.16; M₂₀:0.27; M₃₀:0.1; M₁₀₀:0.73; M₂₀₀:0.3; Best double couple: NP1:φ=180.0000°; λ=89.0000°; λ=148.0000°. NP2:φ=302.0000°; λ=85.0000°; λ=82.0000°. Principal axes: T 1.3440,Plg49.0000°; Azm203.0000°; N 0.1170,Plg8.0000°; Azm302.0000°; P -1.4610,Plg40.0000°; Azm39.0000°; M₀:1.40300×10¹⁷

NEIC Event type fe. Error ellipse: s-maj=6.8km s-min=3.8km az=67.0. Felt [III] at Namlea, Buru.
 (6) Rat Islands

ISC	VI	23 12 18 56.1--50	52.05N--03	177.13E--02	21--3	5.3b,4.9s	979	2-161
BJI	VI	23 12 18 51.3	52.34N	177.18E	9	5.5b,5.4b		¶10699062
ISCJB	VI	23 12 18 53.0--45	51.96N--03	177.15E--02	12--2	5.3b,4.9s		
HRVD	VI	23 12 18 54.4--10	52.14N	177.08E	12	5.4W,4.9s	</	

NEIC Event type se. Error ellipse: s-maj=17.2km s-min=8.4km az=84.0.
 IDC Error ellipse: s-maj=32.4km s-min=12.5km az=72.0.

(248) Philippine Islands region

ISC	VI	24 19 59 53.1-1.5	19.0N-10	119.9E-20	44-17	3.7b	14	1-74
IDC	VI	24 19 59 48.8-1.1	19.08N	120.35E	0	4.0,3.8b		¶9222547
NEIC	VI	24 19 59 53.8-7.0	19.07N	120.33E	35	3.6b,3.8b		
MAN	VI	24 19 59 53.2	18.92N	119.95E	14	8.0s,3.8b		
ISCJB	VI	24 19 59 54.0-1.5	18.9N-10	119.9E-20	53-16	3.7b,3.8b		

ISC Event type se.
 MOS Error ellipse: s-maj=8.1km s-min=7.3km az=136.4.
 HRVD Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s112,c276; Mantle waves: s116,c452; Half duration: 3s5 Moment tensor: Scale 1018Nm; Mr=0.10±0.1 Mm=2.28±0.1; Mw=2.38±0.1; Mo=0.04±0.0; Me=1.36±0.1; Mf=0.72±0.4; Best double couple: NP1:φ:119.00000°,δ:78.00000°,λ:173.00000°; NP2:φ:211.00000°,δ:83.00000°,λ:12.00000°; Principal axes: T 2.9140,Plg13.0000°,Az=75.00000°; N -0.2560,Plg76.0000°,Az=240.0000°; P -2.6570,Plg3.0000°,Az=344.0000°; Mo:2.78500°x1018

NEIC Event type se. Error ellipse: s-maj=6.8km s-min=4.6km az=64.0. Felt [IV] at Gorontalo, [III] at Luwuk and Poso and [II] at Palu. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Mo4.00000x1018 Moment Tensor Solution. s29 Moment tensor: Scale 1018Nm; Mr=1.31 Mm=1.90 Mf=3.21 Mw=1.34 Me=1.67 Mf=0.16 Best double couple: NP1:φ:56.00000°,δ:69.00000°,λ:153.00000°; NP2:φ:157.00000°,δ:157.00000°,λ:24.00000°; Principal axes: T 3.2900,Plg34.0000°,Az=15.00000°; N 0.4300,Plg56.0000°,Az=201.00000°; P -3.7100,Plg3.0000°,Az=107.00000°; Mo:3.50000°x1018 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:150.00000°,δ:76.00000°,λ:21.00000°; NP2:φ:55.00000°,δ:70.00000°,λ:165.00000°; Principal axes: T Plg24.0000°,Az=14.00000°; N Plg0.0000°,Az=0.00000°; P Plg4.0000°,Az=282.00000°

ISCJB Event type fe. Error ellipse: s-maj=3.5km s-min=2.6km az=119.8.
 MOS Error ellipse: s-maj=20.6km s-min=12.6km az=126.8.
 IDC Error ellipse: s-maj=7.4km s-min=6.2km az=67.0.

(222) East of Kuril Islands

ISC	VI	24 23 43 37.4-1.3	43.45N-03	149.93E-02	37	5.1b,4.4s	777	2-152
NIED	VI	24 23 43 00	43.80N	150.00E	5	5.0W,4.4s		¶8495949
IDC	VI	24 23 43 32.1-4.5	43.53N	150.14E	0	4.8,4.8		
SKHL	VI	24 23 43 34.9-1.9	43.90N	150.07E	34-1	5.6b,5.4s		
BJI	VI	24 23 43 35.5	43.76N	149.79E	18	5.2b,5.0b		
ISCJB	VI	24 23 43 35.1-1.3	43.30N-03	149.99E-02	35	5.1b,4.4s		
JMA	VI	24 23 43 36.0-5.0	43.77N	149.96E	30	5.4,4.4s		
MOS	VI	24 23 43 37.8-8.1	43.96N	150.04E	33	5.3b,4.5s		
HRVD	VI	24 23 43 38.2-6.0	43.50N	150.26E	18-1	5.1W,4.5s		
NEIC	VI	24 23 43 38.2-1.5	43.51N	150.02E	41	5.2b,4.5s		
SZGRF	VI	24 23 43 43.1	43.73N	146.84E	33	5.2b,4.5s		

ISC Event type se.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:268.00000°,δ:64.00000°,λ:83.00000°; NP2:φ:72.00000°,δ:27.00000°,λ:105.00000°; Mo:3.89000°x1016

IDC Error ellipse: s-maj=13.9km s-min=12.7km az=137.0.
 ISCJB Event type se. Error ellipse: s-maj=4.2km s-min=1.8km az=152.2.
 JMA Error ellipse: s-maj=4.4km s-min=4.0km az=-1.0.
 MOS Error ellipse: s-maj=8.2km s-min=3.8km az=108.6.
 HRVD Error ellipse: s-maj=5.6km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s21,c27; Mantle waves: s53,c82; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=5.50±4.5 Mm=3.99±2.8; Mw=1.51±2.9; Mo=0.21±1.7; Me=0.59±8.1; Best double couple: NP1:φ:53.00000°,δ:44.00000°,λ:102.00000°; NP2:φ:249.00000°,δ:47.00000°,λ:79.00000°; Principal axes: T 5.1220,Plg2.0000°,Az=331.00000°; N 0.5090,Plg8.0000°,Az=61.00000°; P -5.6300,Plg82.0000°,Az=229.00000°; Mo:5.37600°x1016

NEIC Event type se. Error ellipse: s-maj=4.8km s-min=3.1km az=167.0.
 SZGRF Kuril Islands, Russia.

(7) Andean Islands

ISC	VI	26 01 59 17.7-14	50.29N-03	176.15W-02	34	5.3b,4.5s	1082	2-159
BJI	VI	26 01 59 14.6	50.68N	176.37W	17	5.3b,5.1b		¶8495991
IDC	VI	26 01 59 15.9-4.2	50.24N	176.22W	25-26	5.1,5.1		
MOS	VI	26 01 59 15.9-9.9	50.42N	176.13W	33	5.6b,4.6s		
ISCJB	VI	26 01 59 15.8-14	50.19N-03	176.12W-02	32	5.3b,4.5s		
BGS	VI	26 01 59 16.4	49.99N	177.18W	33	5.2b,4.5s		
HRVD	VI	26 01 59 17.6-10	50.24N	176.20W	12	5.3W,4.4s		
NEIC	VI	26 01 59 17.6-15	50.24N	176.11W	34	5.3b,4.9L		
SZGRF	VI	26 01 59 23.7	50.87N	177.67W	38	5.2b,4.4s		

ISC Event type se.
 IDC Error ellipse: s-maj=17.0km s-min=10.9km az=164.0.
 MOS Error ellipse: s-maj=7.2km s-min=6.5km az=66.5.
 ISCJB Event type se. Error ellipse: s-maj=4.5km s-min=1.8km az=20.1.
 HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s76,c130; Mantle waves: s105,c217; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr=1.14±0.1 Mm=1.19±0.1; Mw=0.51±0.1; Mo=0.21±0.4; Me=0.08±0.1; Mf=0.26±0.4; Best double couple: NP1:φ:254.00000°,δ:42.00000°,λ:110.00000°; NP2:φ:99.00000°,δ:81.00000°,λ:73.00000°; Principal axes: T 1.2100,Plg5.0000°,Az=178.00000°; N 0.0020,Plg13.0000°,Az=269.00000°; P -1.2170,Plg76.0000°,Az=68.00000°; Mo:1.21400°x1017

NEIC Event type se. Error ellipse: s-maj=4.5km s-min=2.3km az=188.0.
 SZGRF Andean Islands, Aleutian Islands, United States.

(270) Ceram Sea

ISC	VI	26 09 39 22.5-15	2.79S-02	127.50E-03	29	5.4b,4.8s	296	1-161
BJI	VI	26 09 39 10.0	3.36S	128.09E	1	5.2b,5.1b		¶8495995
CSEM	VI	26 09 39 18.2	2.87S	127.43E	5	5.5b,5.1b		
IDC	VI	26 09 39 19.4-2.6	2.73S	127.39E	9-15	5.6L,5.1b		
ISCJB	VI	26 09 39 20.5-15	2.77S-02	127.43E-03	27	5.4b,4.8s		
NEIC	VI	26 09 39 22.1-15	2.78S	127.38E	26	5.4b,4.9s		
MOS	VI	26 09 39 22.7-1.5	2.71S	127.39E	41	5.7b,4.6s		
HRVD	VI	26 09 39 22.1-10	2.67S	127.30E	13-0	5.4W,4.6s		

ISC Event type fe.
 IDC Error ellipse: s-maj=16.6km s-min=10.9km az=64.0.
 ISCJB Event type fe. Error ellipse: s-maj=5.0km s-min=2.7km az=126.5.
 NEIC Event type fe. Error ellipse: s-maj=6.6km s-min=4.3km az=71.0. Felt [III] at Namlea, Buru.
 MOS Error ellipse: s-maj=10.5km s-min=5.9km az=109.8.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s71,c113; Mantle waves: s91,c162; Half duration: 1s2 Moment tensor: Scale 1017Nm; Mr=0.89±0.3 Mm=0.20±0.2; Mw=1.09±0.2; Mo=0.45±0.5; Me=0.58±0.2; Mf=1.04±0.8; Best double couple: NP1:φ:51.00000°,δ:35.00000°,λ:36.00000°; NP2:φ:171.00000°,δ:70.00000°,λ:120.00000°; Principal axes: T 1.6130,Plg20.0000°,Az=283.00000°; N 0.0170,Plg28.0000°,Az=182.00000°; P -1.6320,Plg55.0000°,Az=44.00000°; Mo:1.62300°x1017

(6) Rat Islands

ISC	VI	27 02 39 34.5-11	52.24N-02	176.15E-02	30	5.9s,5.5b	1375	1-161
BJI	VI	27 02 39 31.3	52.74N	175.98E	19	6.0s,6.0b		¶10699117
NEIC	VI	27 02 39 32.9-13	52.23N	176.16E	17	6.2,6.2W		
ISCJB	VI	27 02 39 32.6-11	52.16N-03	176.16E-02	28	5.9s,5.5b		
MOS	VI	27 02 39 33.4-1.1	52.27N	176.08E	33	5.8b,5.7s		
HRVD	VI	27 02 39 35.3-10	52.19N	176.18E	18-0	6.2W,5.7s		
IDC	VI	27 02 39 35.5-93	52.35N	176.13E	35-5	5.8s,5.8		
SZGRF	VI	27 02 39 36.2	52.66N	174.64E	30	5.8s,5.6b		

ISC Event type fe.
 NEIC Event type fe. Error ellipse: s-maj=4.0km s-min=2.2km az=184.0. Felt strongly on Shemya. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Mo4.10000x1018 Moment Tensor Solution. s63 Moment tensor: Scale 1018Nm; Mr=0.08 Mm=1.77 Mf=0.169 Mw=1.43 Me=0.43 Mf=0.43 Best double couple: NP1:φ:206.00000°,δ:85.00000°,λ:12.00000°; NP2:φ:115.00000°

φ:78.00000°,λ:175.00000°. Principal axes: T 2.3000,Plg12.0000°,Az=71.00000°; N 0.0000,Plg77.0000°,Az=229.00000°; P -2.3000,Plg5.0000°,Az=340.00000°; Mo:2.90000°x1018 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:112.00000°,δ:60.00000°,λ:174.00000°; NP2:φ:205.00000°,δ:85.00000°,λ:30.00000°; Principal axes: T Plg24.0000°,Az=73.00000°; N Plg0.0000°,Az=0.00000°; P Plg17.0000°,Az=335.00000°

ISCJB Event type fe. Error ellipse: s-maj=3.6km s-min=1.4km az=9.5.
 MOS Error ellipse: s-maj=8.1km s-min=7.3km az=136.4.
 HRVD Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s112,c276; Mantle waves: s116,c481; Half duration: 3s2 Moment tensor: Scale 1018Nm; Mr=0.10±0.1 Mm=2.28±0.1; Mw=2.38±0.1; Mo=0.04±0.0; Me=1.36±0.1; Mf=0.72±0.4; Best double couple: NP1:φ:119.00000°,δ:78.00000°,λ:173.00000°; NP2:φ:211.00000°,δ:83.00000°,λ:12.00000°; Principal axes: T 2.9140,Plg13.0000°,Az=75.00000°; N -0.2560,Plg76.0000°,Az=240.0000°; P -2.6570,Plg3.0000°,Az=344.0000°; Mo:2.78500°x1018

IDC Error ellipse: s-maj=8.2km s-min=5.0km az=154.0.
 SZGRF Near Islands, Aleutian Islands, United States.

(701) West of Macquarie Island

ISC	VI	27 09 15 21.2-47	60.61S-07	153.9E-20	10	5.1s,4.4b	40	9-175
IDC	VI	27 09 15 15.1-1.5	60.95S	153.60E	0	5.0s,5.0		¶8496018
BJI	VI	27 09 15 18.6	60.40S	153.80E	10	5.5b,5.3b		
ISCJB	VI	27 09 15 19.8-47	60.61S-07	153.7E-20	10	5.1s,4.4b		
HRVD	VI	27 09 15 20.6-10	60.95S	153.68E	15-0	5.8W,4.4b		
NEIC	VI	27 09 15 20.6-62	60.43S	153.71E	10	5.2s,4.8b		

ISC Event type se.
 IDC Error ellipse: s-maj=40.2km s-min=27.9km az=77.0.
 ISCJB Event type se. Error ellipse: s-maj=12.1km s-min=10.1km az=53.4.
 HRVD Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s99,c201; Mantle waves: s99,c280; Half duration: 1s8 Moment tensor: Scale 1017Nm; Mr=0.65±0.5 Mm=4.02±0.5; Mw=3.37±0.5; Mo=1.06±1.5; Mf=3.15±0.4; Me=1.11±1.6; Best double couple: NP1:φ:154.00000°,δ:73.00000°,λ:9.00000°; NP2:φ:247.00000°,δ:82.00000°,λ:163.00000°; Principal axes: T 5.2460,Plg6.0000°,Az=19.00000°; N -0.2540,Plg71.0000°,Az=271.00000°; P -4.9910,Plg18.0000°,Az=111.00000°; Mo:5.11800°x1017

NEIC Event type se. Error ellipse: s-maj=19.4km s-min=12.3km az=89.0.

(68) Off coast of Chiapas

ISC	VI	27 13 03 14.0-18	15.10N-03	94.12W-02	34	5.5s,5.3b	1038	2-169
CASC	VI	27 13 03 53.3-2.6	15.39N	95.67W	20-999	5.4b,5.1		¶10699121
BGS	VI	27 13 03 04.9	14.31N	95.74W	33	5.4b,5.1		
IDC	VI	27 13 03 07.4-61	14.99N	94.24W	0	5.4s,5.4		
NEIC	VI	27 13 03 09.2-19	14.99N	94.14W	9	5.8W,5.5		
ISCJB	VI	27 13 03 11.6-17	15.06N-03	94.21W-02	31	5.5s,5.3b		
MOS	VI	27 13 03 11.8-91	15.06N	94.22W	33	5.7s,5.6b		
HRVD	VI	27 13 03 12.1-10	14.95N	94.53W	12	5.8W,5.6b		
BJI	VI	27 13 03 12.1	15.00N	94.20W	25	5.9s,5.9b		
MEX	VI	27 13 03 12.6-2.7	14.94N	94.57W	32-76	5.6s,5.9b		
SZGRF	VI	27 13 03 21.0	15.79N	92.14W	30	5.8s,5.7b		

ISC Event type se.
 CASC Error ellipse: s-maj=444.5km s-min=999.9km az=-1.0.
 IDC Error ellipse: s-maj=23.7km s-min=8.9km az=59.0.
 NEIC Event type se. Error ellipse: s-maj=5.3km s-min=2.6km az=214.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s40 Moment tensor: Scale 1017Nm; Mr=2.53 Mm=3.12 Mw=0.58 Mf=4.72 Mw=0.56 Mw=1.74 Best double couple: NP1:φ:106.00000°,δ:77.00000°,λ:105.00000°; NP2:φ:237.00000°,δ:20.00000°,λ:43.00000°; Principal axes: T 5.8100,Plg5.0000°,Az=35.00000°; N 0.0000,Plg15.0000°,Az=283.00000°; P -5.8100,Plg3.0000°,Az=184.00000°; Mo:5.80000°x1017 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:305.00000°,δ:20.00000°,λ:90.00000°; NP2:φ:125.00000°,δ:70.00000°,λ:90.00000°; Principal axes: T Plg65.0000°,Az=35.00000°; N Plg0.0000°,Az=0.00000°; P Plg25.0000°,Az=215.00000°

ISCJB Event type se. Error ellipse: s-maj=4.6km s-min=1.9km az=56.7.
 MOS Error ellipse: s-maj=6.1km s-min=4.0km az=83.2.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s106,c229; Mantle waves: s108,c337; Half duration: 2s0 Moment tensor: Scale 1017Nm; Mr=4.21±0.4 Mm=2.75±0.3; Mw=1.46±0.5; Mo=3.92±1.0; Mf=2.10±0.3; Mf=3.15±1.1; Best double couple: NP1:φ:305.00000°,δ:20.00000°,λ:87.00000°; NP2:φ:128.00000°,δ:70.00000°,λ:91.00000°; Principal axes: T 6.5440,Plg65.0000°,Az=40.00000°; N 0.0880,Plg1.0000°,Az=308.00000°; P -6.6320,Plg25.0000°,Az=217.00000°; Mo:6.58800°x1017

MEX Error ellipse: s-maj=18.8km s-min=4.8km az=-1.0.
 SZGRF Mexico-Guatemala border region.

(704) Nicobar Islands region

ISC	VI	27 18 07 23.4-13	6.48N-03	92.71E-02	27	6.1s,5.6b	934	5-169
IDC	VI	27 18 07 18.5-33	6.45N	92.78E	0	6.5,5.8		¶8496030
SZGRF	VI	27 18 07 20.6	6.63N	93.29E	30	5.9s,5.8b		
BJI	VI	27 18 07 21.0	6.39N	92.50E	38	6.4s,6.1s		
MOS	VI	27 18 07 21.6-1.2	6.49N	92.79E	33	6.3b,6.0s		
ISCJB	VI	27 18 07 21.1-13	6.48N-03	92.74E-02	26	6.1s,5.6b		
NEIC	VI	27 18 07 22.7-14	6.50N	92.79E	29	6.1s,5.9W		
HRVD	VI	27 18 07 22.7-10	6.31N	92.57E	12	6.3W,5.9W		

ISC Event type se.
 IDC Error ellipse: s-maj=14.1km s-min=7.8km az=54.0.
 SZGRF Nicobar Islands, India, region.
 MOS Error ellipse: s-maj=9.7km s-min=5.4km az=113.3.
 ISCJB Event type se. Error ellipse: s-maj=4.0km s-min=2.4km az=37.3.
 NEIC Event type se. Error ellipse: s-maj=6.6km s-min=3.5km az=31.0. Energy computed from CMT mechanism. Moment Tensor Solution. s34 Moment tensor: Scale 1017Nm; Mr=7.27 Mw=1.81 Mm=9.07 Mf=1.44 Mw=2.13 Mw=4.83 Best double couple: NP1:φ:174.00000°,δ:361.00000°,λ:71.00000°; NP2:φ:30.00000°,δ:84.00000°,λ:121.00000°; Principal axes: T 9.1000,Plg68.0000°,Az=46.00000°; N 1.5000,Plg17.0000°,Az=184.00000°; P -10.6000,Plg14.0000°,Az=278.00000°; Mo:9.90000°x1017

HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s12,c215; Mantle waves: s113,c470; Half duration: 3s3 Moment tensor: Scale 1018Nm; Mr=2.42±0.1 Mm=0.04±0.1; Mw=2.47±0.1; Mo=0.36

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s30,c182; Mantle waves: s109,c332; Half duration: 2s0 Moment tensor: Scale 1017Nm; Mr=5.28±0.05 Mw=4.85±0.05; M0=0.42±0.05; Mw=1.7±.14; Mw=3.10±.04; Mw=1.46±.13; Best double couple: NP1:φ=247.00000°; λ=83.00000°; λ=96.00000°; NP2:φ=59.00000°; λ=87.00000°; λ=86.00000°. Principal axes: T 5.8490,Plg78.0000°; Azm316.0000°; N 1.1530,Plg3.0000°; Azm62.0000°; P -6.9960,Plg12.0000°; Azm152.0000°; M0.642200×10¹⁷

THR Error ellipse: s-maj=5.8km s-min=6.6km az=-1.0.
NEIC Event type se. Error ellipse: s-maj=3.8km s-min=2.4km az=18.0. Nine people injured and power outages occurred on Jazireh-ye Qeshm. Felt at Bandar Abbas, Felt [IV] at Ra's al Khaymah and [III] at Abu Dhabi, Dubai and Sharjah, United Arab Emirates. Felt at Ajman, United Arab Emirates. Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism. Moment Tensor Solution. s32 Moment tensor: Scale 1017Nm; Mr=4.77 Mw=0.93 Mw=3.84 Mw=0.74 Mw=1.94 Mw=2.10 Best double couple: NP1:φ=24.00000°; λ=87.00000°; λ=87.00000°. NP2:φ=210.00000°; λ=83.00000°; λ=95.00000°; λ=86.00000°. Principal axes: T 5.2700,Plg77.0000°; Azm283.0000°; N 0.0200,Plg3.0000°; Azm25.0000°; P -5.2900,Plg12.0000°; Azm116.0000°; M0.530000×10¹⁷

SZGRF Southern Iran.

(221) Kuril Islands.

ISC	VI	29 16 39 42.1-19	46.33N-03	153.07E-03	42	4.9b,4.2s	515	4-149
NIED	VI	29 16 39 00	46.40N	153.50E	11	4.4W,4.5s		18505610
SKHL	VI	29 16 39 35.6-1.1	46.04N	153.72E	45-15	5.5b,5.2s		
JMA	VI	29 16 39 36.2-8.0	46.39N	153.45E	30	5.0,5.5s		
MOS	VI	29 16 39 36.6-1.4	46.14N	153.33E	33	5.1b,5.5s		
ISCJB	VI	29 16 39 39.5-19	46.12N-03	153.12E-03	39	4.9b,4.2s		
BJI	VI	29 16 39 39.5	46.48N	152.99E	30	5.0b,4.8b		
HRVD	VI	29 16 39 41.9-6.0	46.21N	153.33E	20-2	4.8W,4.8b		
NEIC	VI	29 16 39 41.9-20	46.31N	153.13E	41	4.9b,4.3s		
IDC	VI	29 16 39 41.6-48	46.25N	153.03E	44-4	4.6,4.5		
SZGRF	VI	29 16 39 55.9	48.31N	151.27E	33	5.0b,4.2s		

ISC Event type se.
NIED Moment Tensor Solution. Best double couple: NP1:φ=353.00000°; λ=76.00000°; λ=32.00000°. NP2:φ=255.00000°; λ=89.00000°; λ=164.00000°. M0.526000×10¹⁵
JMA Error ellipse: s-maj=8.9km s-min=8.4km az=-1.0.
MOS Error ellipse: s-maj=8.2km s-min=7.6km az=112.6.
ISCJB Event type se. Error ellipse: s-maj=5.2km s-min=2.5km az=126.7.
HRVD Error ellipse: s-maj=5.6km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s9,c12; Mantle waves: s44,c59; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=1.26±.18 Mw=0.93±.11; M0=0.33±.01; Mw=0.74±.20; Mw=0.80±.04; Mw=0.46±.17; Best double couple: NP1:φ=233.00000°; λ=829.00000°; λ=86.00000°. NP2:φ=57.00000°; λ=861.00000°; λ=92.00000°. Principal axes: T 1.5160,Plg74.0000°; Azm332.0000°; N 0.2160,Plg2.0000°; Azm236.0000°; P -1.7360,Plg16.0000°; Azm146.0000°; M0.162600×10¹⁶

NEIC Event type se. Error ellipse: s-maj=5.8km s-min=4.2km az=163.0.
IDC Error ellipse: s-maj=14.0km s-min=12.2km az=152.0.
SZGRF Kuril Islands, Russia.

(581) Mozambique.

ISC	VI	30 01 07 27.2-21	21.26S-03	33.21E-05	10	4.9b,4.5s	351	4-151
PRE	VI	30 01 07 24.5-1.4	20.86S	32.58E	5-0	6.0L,4.5s		110699157
ISCJB	VI	30 01 07 25.4-23	21.26S-03	33.16E-05	10	4.9b,4.5s		
IDC	VI	30 01 07 26.2-49	20.92S	33.22E	0	4.6,4.6		
SZGRF	VI	30 01 07 26.7	21.05S	34.93E	33	5.2b,4.6		
BJI	VI	30 01 07 26.0	21.10S	33.30E	10	5.6b,5.2s		
MOS	VI	30 01 07 27.1-1.1	20.89S	33.43E	10	5.5b,5.2s		
HRVD	VI	30 01 07 28.1-20	20.89S	33.15E	12	5.0W,5.2s		
NEIC	VI	30 01 07 28.1-29	21.11S	33.26E	10	5.1b,5.2s		

ISC Event type se.
PRE Error ellipse: s-maj=6.6km s-min=6.7km az=-1.0.
ISCJB Event type se. Error ellipse: s-maj=7.4km s-min=3.9km az=46.4.
IDC Error ellipse: s-maj=16.0km s-min=14.0km az=73.0.
SZGRF Mozambique.
MOS Error ellipse: s-maj=15.8km s-min=4.5km az=101.4.
HRVD Error ellipse: s-maj=1.1km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s45,c57; Mantle waves: s85,c138; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=4.13±.10 Mw=0.26±.10; Mw=4.38±.09; Mw=0.80±.33; Mw=0.11±.08; Mw=0.12±.29; Best double couple: NP1:φ=170.00000°; λ=106.00000°; λ=106.00000°. NP2:φ=12.00000°; λ=847.00000°; λ=75.00000°. Principal axes: T 4.3850,Plg1.0000°; Azm92.0000°; N -0.1030,Plg11.0000°; Azm182.0000°; P -4.2900,Plg79.0000°; Azm357.0000°; M0.433800×10¹⁶

NEIC Event type se. Error ellipse: s-maj=8.9km s-min=7.1km az=102.0.

(178) Kermadec Islands.

ISC	VI	30 06 32 52.4-20	29.69S-05	178.14W-06	35	5.0b,4.8s	131	0-164
IDC	VI	30 06 32 45.9-65	29.49S	178.01W	0	5.0,4.9		18650925
MOS	VI	30 06 32 50.4-1.2	29.59S	178.17W	33	5.5b,4.9		
ISCJB	VI	30 06 32 50.4-20	29.77S-04	178.20W-06	33	5.0b,4.8s		
BJI	VI	30 06 32 51.5	29.80S	178.10W	60	5.8b,5.0s		
NEIC	VI	30 06 32 54.5-30	29.82S	178.14W	61	5.3b,5.0s		
HRVD	VI	30 06 32 54.5-20	29.52S	178.08W	12	5.3W,5.0s		

ISC Event type se.
IDC Error ellipse: s-maj=27.5km s-min=19.3km az=177.0.
MOS Error ellipse: s-maj=19.9km s-min=15.2km az=156.4.
ISCJB Event type se. Error ellipse: s-maj=8.7km s-min=4.3km az=73.7.
NEIC Event type se. Error ellipse: s-maj=12.4km s-min=7.2km az=153.0.
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s61,c87; Mantle waves: s85,c145; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr=1.03±.02 Mw=0.15±.02; Mw=0.87±.02; Mw=0.13±.05; Mw=0.44±.02; Mw=0.03±.05; Best double couple: NP1:φ=199.00000°; λ=43.00000°; λ=99.00000°. NP2:φ=31.00000°; λ=848.00000°; λ=82.00000°. Principal axes: T 1.0890,Plg2.0000°; Azm116.0000°; N -0.0480,Plg6.0000°; Azm206.0000°; P -1.0450,Plg84.0000°; Azm5.0000°; M0.106700×10¹⁷

(228) Near east coast of eastern Honshu

ISC	VI	30 23 28 14.8-10	38.55N-02	141.98E-02	42	5.5b,4.7s	977	1-156
NIED	VI	30 23 28 00	38.40N	142.20E	44	5.2W,4.7s		110699174
IDC	VI	30 23 28 08.0-42	38.42N	142.04E	0	5.2b,5.2		
CSEM	VI	30 23 28 08.8	38.56N	141.94E	10	5.5b,5.2		
BJI	VI	30 23 28 10.2	38.41N	142.11E	34	5.5b,5.2b		
BGS	VI	30 23 28 11.6-1.2	38.04N	141.88E	33-0	5.4b,5.2b		
ISCJB	VI	30 23 28 13.0-10	38.50N-02	142.02E-02	40	5.5b,4.7s		
HRVD	VI	30 23 28 13.2-20	38.49N	142.28E	50-0	5.2W,4.7s		
JMA	VI	30 23 28 13.2-10	38.47N	142.16E	40-1	5.3,4.7s		
NEIC	VI	30 23 28 13.2	38.47N	142.16E	40	5.4b,5.2W		
MOS	VI	30 23 28 13.2-74	38.65N	142.00E	37	5.7b,4.8s		
SZGRF	VI	30 23 28 19.8	39.34N	142.25E	43	5.8b,4.9s		

ISC Event type se.
NIED Moment Tensor Solution. Best double couple: NP1:φ=22.00000°; λ=72.00000°; λ=94.00000°. NP2:φ=189.00000°; λ=18.00000°; λ=77.00000°. M0.720000×10¹⁶
IDC Error ellipse: s-maj=15.5km s-min=12.2km az=101.0.
BGS Error ellipse: s-maj=15.7km s-min=4.9km az=-1.0.
ISCJB Event type se. Error ellipse: s-maj=2.8km s-min=1.8km az=136.6.
HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s62,c99; Mantle waves: s75,c144; Half duration: 1s0 Moment tensor: Scale 1016Nm; Mr=6.35±.19 Mw=0.58±.13; Mw=5.77±.13; Mw=1.67±.12; Mw=1.83±.10; Mw=3.91±.11; Best double couple: NP1:φ=195.00000°; λ=28.00000°; λ=85.00000°. NP2:φ=21.00000°; λ=862.00000°; λ=93.00000°. Principal axes: T 7.6510,Plg73.0000°; Azm298.0000°; N -0.0150,Plg3.0000°; Azm199.0000°; P -7.6330,Plg17.0000°; Azm109.0000°; M0.764200×10¹⁶

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=198.00000°; λ=34.00000°; λ=65.00000°. NP2:φ=48.00000°; λ=59.00000°; λ=106.00000°. Principal axes: T Plg71.0000°; Azm355.0000°; N Plg14.0000°; Azm219.0000°; P Plg13.0000°; Azm126.0000°

NEIC Event type fe. Recorded [3 JMA] in Iwate and Miyagi; [2 JMA] in Akita, Aomori, Fukushima and Yamagata; [1 JMA] in Ibaraki, Kanagawa and Tochigi Prefectures. After JMA. Moment Tensor Solution. M0.70000×10¹⁶

MOS Error ellipse: s-maj=7.0km s-min=3.5km az=109.5.
SZGRF Near east coast of eastern Honshu, Japan.

MAJOR INTERMEDIATE FOCUS EARTHQUAKES
60km<ch<=300km,M>=5.5

(248) Philippine Islands region

ISC	I	01 07 02 15.0-1.6	4.92N-09	127.6E-20	77-21	3.9b	20	2-57
ISCJB	I	01 07 02 13.8-1.7	4.97N-09	127.6E-20	85-20	3.9b		19476153
MAN	I	01 07 02 19.1	5.07N	127.05E	8	6.9s,4.7L		
IDC	I	01 07 03 06.0-6.1	3.65N	126.51E	690-118	4.1,3.0b		

ISCJB Error ellipse: s-maj=30.4km s-min=12.9km az=149.5.
IDC Error ellipse: s-maj=102.5km s-min=13.7km az=77.0.

(97) Near coast of Venezuela

ISC	I	01 09 43 15.6-14	11.86N-02	71.24W-02	73	4.9b	333	1-154
ISCJB	I	01 09 43 13.7-14	11.89N-02	71.25W-02	71	4.9b		18078263
MOS	I	01 09 43 13.4-88	11.79N	71.33W	72	5.3b		
IDC	I	01 09 43 14.8-45	11.82N	71.22W	72-4	4.9,4.8		
NEIC	I	01 09 43 14.8-13	11.84N	71.19W	69	5.1b,5.0W		
HRVD	I	01 09 43 14.8-30	11.88N	71.18W	60-1	5.1W,5.0W		
BJI	I	01 09 43 14.8	11.80N	71.20W	65	5.5s,5.3b		
SZGRF	I	01 09 43 21.7	12.50N	70.08W	68	5.1b,5.3b		

ISC Event type se.
ISCJB Event type se. Error ellipse: s-maj=3.7km s-min=2.4km az=111.6.
MOS Error ellipse: s-maj=9.4km s-min=7.1km az=88.9.
IDC Error ellipse: s-maj=13.0km s-min=7.3km az=74.0.
NEIC Event type se. Error ellipse: s-maj=3.8km s-min=2.6km az=46.0.
HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s30,c44; Mantle waves: s60,c93; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=4.15±.28 Mw=3.17±.17; Mw=0.98±.23; Mw=0.66±.13; Mw=2.72±.14; Mw=2.30±.17; Best double couple: NP1:φ=284.00000°; λ=837.00000°; λ=122.00000°. NP2:φ=143.00000°; λ=859.00000°; λ=68.00000°. Principal axes: T 5.3760,Plg11.0000°; Azm217.0000°; N -0.3290,Plg19.0000°; Azm311.0000°; P -5.0480,Plg68.0000°; Azm98.0000°; M0.521200×10¹⁶

SZGRF Near coast of Venezuela.

(280) Banda Sea

ISC	I	01 19 32 40.8-74	7.16S-03	129.52E-04	169-6	5.1b	237	6-160
MOS	I	01 19 32 33.9-92	7.04S	129.34E	118	5.4b		17997718
BJI	I	01 19 32 35.9	7.16S	129.64E	150	5.0b,5.0b		
HRVD	I	01 19 32 37.8-20	7.31S	129.33E	144-2	5.1W,5.0b		
NEIC	I	01 19 32 37.8-1.1	7.10S	129.37E	141-9	5.1b,5.0b		
ISCJB	I	01 19 32 38.4-80	7.18S-03	129.50E-04	164-7	5.1b,5.0b		
IDC	I	01 19 32 39.4-1.3	7.07S	129.41E	152-10	5.2,4.8b		
CSEM	I	01 19 32 39.8	7.67S	129.36E	200	5.8b,4.8b		

ISC Event type se.
MOS Error ellipse: s-maj=11.6km s-min=7.2km az=110.2.
HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s38,c45; Mantle waves: s65,c117; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=2.58±.16 Mw=4.03±.15; Mw=1.15±.18; Mw=2.23±.12; Mw=0.71±.16; Mw=2.60±.14; Best double couple: NP1:φ=308.00000°; λ=841.00000°; λ=148.00000°. NP2:φ=63.00000°; λ=870.00000°; λ=54.00000°. Principal axes: T 5.1990,Plg51.0000°; Azm292.0000°; N -0.4860,Plg34.0000°; Azm77.0000°; P -4.7130,Plg17.0000°; Azm179.0000°; M0.95600×10¹⁶

NEIC Event type se. Error ellipse: s-maj=6.2km s-min=4.1km az=61.0.
ISCJB Event type se. Error ellipse: s-maj=6.8km s-min=4.9km az=118.0.
IDC Error ellipse: s-maj=11.9km s-min=7.8km az=66.0.

(160) Off east coast of North Island

ISC	I	01 21 56 38.8-53	37.11S-04	177.70E-06	108-3	4.8b	136	1-163
BJI	I	01 21 56 36.1	36.63S	178.14E	99	5.5b,5.2b		18012031
WEL	I	01 21 56 38.0-53	37.12S-04	177.70E-06	116-3	4.8b,5.2b		
ISCJB	I	01 21 56 37.4-38	36.94S	177.75E	101-4	5.3b,5.2b		
NEIC	I	01 21 56 37.2-59	36.95S	177.87E	101-4	4.9b,5.2b		
IDC	I	01 21 56 38.7-2.2	37.02S	177.80E	111-17	4.8,4.5		

ISC Event type se.
ISCJB Event type se. Error ellipse: s-maj=8.2km s-min=5.9km az=133.4.
WEL Event type se. Error ellipse: s-maj=2.2km s-min=1.8km az=90.0. Felt in the Bay of Plenty region, maximum reported intensity MM 4. Some very clear crustal phases.

NEIC Event type se. Error ellipse: s-maj=8.8km s-min=5.4km az=53.0.
IDC Error ellipse: s-maj=31.3km s-min=20.5km az=51.0.

(186) Vanuatu Islands

ISC	I	02 08 18 47.6-90	15.67S-06	167.72E-08	124-8	4.7b	63</
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NEIC Event type fe. Error ellipse: s-maj=8.3km s-min=5.4km az=221.0. Felt [III] at San Salvador.

Table with columns: ISC, NIED, ISCJB, IDC, BJI, NEIC, MOS, NNC. Rows include event details for Tajikistan-Xinjiang border region (719) and Kuril Islands (221).

ISC Event type se. Error ellipse: s-maj=6.5km s-min=3.4km az=163.2. NIED Moment Tensor Solution. Best double couple: NP1:phi=214.00000, delta71.00000, lambda62.00000.

Table with columns: ISC, NIED, ISCJB, IDC, BJI, MOS, SKHL, NEIC, SZGRF, IDC, JMA. Rows include event details for Kuril Islands (221).

ISC Event type se. Error ellipse: s-maj=5.7km s-min=2.6km az=96.6. NIED Moment Tensor Solution. Best double couple: NP1:phi=214.00000, delta71.00000, lambda62.00000.

Table with columns: ISC, NIED, ORF, SZGRF, SKHL, BJI, MOS, IDC, ISCJB, HRVD, NEIC. Rows include event details for Kuril Islands (221).

ISC Event type se. Error ellipse: s-maj=5.8km s-min=3.6km az=148.0. NIED Moment Tensor Solution. Best double couple: NP1:phi=57.00000, delta87.00000, lambda86.00000.

Table with columns: ISC, NIED, ORF, SZGRF, SKHL, BJI, MOS, IDC, ISCJB, HRVD, NEIC. Rows include event details for Alaska Peninsula (12).

ISC Event type se. Error ellipse: s-maj=8.7km s-min=4.0km az=90.9. NIED Moment Tensor Solution. Best double couple: NP1:phi=34.4km s-min=2.2km az=17.2.

Table with columns: ISC, NIED, ORF, SZGRF, SKHL, BJI, MOS, IDC, ISCJB, HRVD, NEIC. Rows include event details for Alaska Peninsula (12).

ISC Event type fe. Error ellipse: s-maj=3.2km s-min=2.3km az=199.0. Felt [IV] at Chignik and Perryville.

Table with columns: ISC, NIED, ORF, SZGRF, SKHL, BJI, MOS, IDC, ISCJB, HRVD, NEIC. Rows include event details for Hokkaido region (224).

ISC Event type fe. Error ellipse: s-maj=6.2km s-min=4.4km az=149.0. Recorded [2 JMA] in south-central Hokkaido and [1 JMA] in eastern Hokkaido.

Table with columns: ISC, NIED, ORF, SZGRF, SKHL, BJI, MOS, IDC, ISCJB, HRVD, NEIC. Rows include event details for Flores region (286).

ISC Event type fe. Error ellipse: s-maj=8.7km s-min=5.2km az=114.3. NIED Moment Tensor Solution. Best double couple: NP1:phi=235.00000, delta23.00000, lambda89.00000.

Principal axes: T 2.1100, Plg24.0000, Azm186.0000; N -0.2600, Plg27.0000, Azm82.0000; P -1.8500, Plg52.0000, Azm311.0000.

ISC Event type se. Error ellipse: s-maj=7.4km s-min=5.2km az=66.0. NIED Moment Tensor Solution. Best double couple: NP1:phi=76.00000, delta67.00000, lambda68.00000.

Table with columns: ISC, NIED, CSEM, MOS, ISCJB, BJI, IDC, JMA, NEIC, HRVD, SZGRF, IDC, JMA, NEIC. Rows include event details for Mariana Islands region (215).

ISC Event type se. Error ellipse: s-maj=3.5km s-min=3.0km az=101.5. NIED Moment Tensor Solution. Best double couple: NP1:phi=224.00000, delta37.00000, lambda120.00000.

Table with columns: ISC, NIED, ORF, SZGRF, SKHL, BJI, MOS, IDC, ISCJB, HRVD, NEIC. Rows include event details for Chiapas (61).

ISC Event type se. Error ellipse: s-maj=4.0km s-min=2.3km az=40.2. NIED Moment Tensor Solution. Best double couple: NP1:phi=186.00000, delta48.00000, lambda38.00000.

Table with columns: ISC, NIED, ORF, SZGRF, SKHL, BJI, MOS, IDC, ISCJB, HRVD, NEIC. Rows include event details for Chiapas (61).

ISC Event type se. Error ellipse: s-maj=10.1km s-min=9.9km az=170.0. NIED Moment Tensor Solution. Best double couple: NP1:phi=286.00000, delta78.00000, lambda67.00000.

Table with columns: ISC, NIED, ORF, SZGRF, SKHL, BJI, MOS, IDC, ISCJB, HRVD, NEIC. Rows include event details for Hokkaido region (224).

ISC Event type se. Error ellipse: s-maj=11.1km s-min=8.0km az=17.0. NIED Moment Tensor Solution. Best double couple: NP1:phi=182.00000, delta53.00000, lambda39.00000.

Table with columns: ISC, NIED, ORF, SZGRF, SKHL, BJI, MOS, IDC, ISCJB, HRVD, NEIC. Rows include event details for Mindanao (259).

ISC Event type se. Error ellipse: s-maj=23.1km s-min=7.8km az=88.0. NIED Moment Tensor Solution. Best double couple: NP1:phi=226.00000, delta26.00000, lambda151.00000.

Table with columns: ISC, NIED, ORF, SZGRF, SKHL, BJI, MOS, IDC, ISCJB, HRVD, NEIC. Rows include event details for Vanuatu Islands (186).

ISC Event type se. Error ellipse: s-maj=10.8km s-min=9.5km az=100.0. NIED Moment Tensor Solution. Best double couple: NP1:phi=23.1km s-min=7.8km az=88.0.

BJI	I	21 15 39 26.8	5.16S	145.62E	93	5.3b,4.8b			
HRVD	I	21 15 39 28.0-10	5.23S	145.28E	74-2	5.4W,4.8b			
IDC	I	21 15 39 28.1-50	5.11S	145.36E	79-4	5.0,4.7			
NEIC	I	21 15 39 28.0-21	5.15S	145.34E	81	5.4W,5.2b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=12.4km s-min=6.5km az=100.8.								
ISCJB	Event type se. Error ellipse: s-maj=8.3km s-min=5.9km az=146.3.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s73,c143; Mantle waves: s79,c168; Half duration: 1s0 Moment tensor: Scale 10 ¹⁷ Nm; M _r -0.04±0.04; M _θ -0.10±0.03; M _φ -0.10±0.03; M _ψ -1.54±0.02; M _ω -0.47±0.03; M _ω -0.39±0.02; Best double couple: NP1:φ=0.0000°; λ=17.0000°; λ-5.0000°; NP2:φ=103.0000°; λ=89.0000°; λ-107.0000°; Principal axes: T 1.7060,Plg14.0000°; Azm209.0000°; N-0.0950,Plg17.0000°; Azm103.0000°; P-1.6110,Plg44.0000°; Azm337.0000°; M _ω 1.65800×10 ¹⁷								
IDC	Error ellipse: s-maj=18.2km s-min=10.6km az=69.0.								
NEIC	Event type se. Error ellipse: s-maj=7.3km s-min=4.6km az=79.0. Moment Tensor Solution. s9 Moment tensor: Scale 10 ¹⁷ Nm; M _r -0.31; M _θ -0.05; M _φ -0.36; M _ψ -1.35; M _ω -0.87; M _ω -0.30; Best double couple: NP1:φ=3.0000°; λ=32.0000°; λ-12.0000°; NP2:φ=104.0000°; λ=84.0000°; λ-121.0000°; Principal axes: T 1.7200,Plg13.0000°; Azm219.0000°; N-0.1000,Plg31.0000°; Azm108.0000°; P-1.6200,Plg43.0000°; Azm344.0000°; M _ω 1.70000×10 ¹⁷								
(189) Southeast of Loyalty Islands									
ISC	I	22 11 15 45.4-25	22.25S-06	173.68E-04	65	5.1b	123	7-168	
LDG	I	22 11 15 37.9-44	21.31S	173.94E	10-0	5.2b,4.6s			178079053
SZGRF	I	22 11 15 40.0	22.29S	174.90E	33	4.6b,4.6s			
ISCJB	I	22 11 15 43.7-25	22.24S-06	173.61E-04	63	5.1b,4.6s			
BJI	I	22 11 15 43.8	21.76S	174.35E	67	5.4b,5.1s			
MOS	I	22 11 15 44.1-1.9	22.07S	173.67E	56	5.5b,5.1s			
NEIC	I	22 11 15 44.9-24	22.22S	173.65E	62	5.3b,5.1s			
HRVD	I	22 11 15 44.9-20	22.17S	173.88E	13-0	5.2W,5.1s			
IDC	I	22 11 15 46.6-3.3	22.23S	173.59E	78-29	4.7,4.5			
ORF	I	22 11 16 16.6	7.73S	163.10E	30	5.7b,4.5			
ISC	Event type ke.								
LDG	Event type ke. Error ellipse: s-maj=43.5km s-min=7.3km az=164.0.								
SZGRF	Southeast of Loyalty Islands.								
ISCJB	Event type ke. Error ellipse: s-maj=8.4km s-min=5.8km az=162.4.								
MOS	Error ellipse: s-maj=11.7km s-min=10.7km az=123.0.								
NEIC	Event type se. Error ellipse: s-maj=9.4km s-min=7.1km az=161.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s63,c105; Mantle waves: s72,c144; Half duration: 1s0 Moment tensor: Scale 10 ¹⁷ Nm; M _r -0.73±0.02; M _θ -0.11±0.02; M _φ -0.84±0.02; M _ψ -0.16±0.04; M _ω -0.29±0.01; M _ω -0.03±0.03; Best double couple: NP1:φ=2.0000°; λ=111.0000°; λ-111.0000°; NP2:φ=209.0000°; λ=89.0000°; λ-71.0000°; Principal axes: T 0.9260,Plg3.0000°; Azm286.0000°; N-0.1530,Plg14.0000°; Azm17.0000°; P-0.7730,Plg75.0000°; Azm186.0000°; M _ω 0.84900×10 ¹⁷								
IDC	Error ellipse: s-maj=17.4km s-min=15.6km az=67.0.								
(259) Mindanao									
ISC	I	26 22 15 07.1-70	0.04S-04	127.47E-06	116-6	4.7b	99	7-152	
BJI	I	26 22 15 00.1	0.73S	127.96E	121	5.1b,4.6b			178079352
ISCJB	I	26 22 15 05.8-79	0.03S-04	127.44E-06	119-7	4.7b,4.6b			
IDC	I	26 22 15 06.7-72	0.04S	127.42E	117-6	4.7,4.4			
MOS	I	26 22 15 06.8-1.0	0.01S	127.48E	131	4.8b,4.4			
HRVD	I	26 22 15 07.5-60	0.00N	127.46E	126-7	4.9W,4.4			
NEIC	I	26 22 15 07.5-25	0.05S	127.49E	121	4.9b,4.4			
MAN	I	26 22 16 29.5	6.10N	125.01E	162	5.8s,4.9L			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=10.7km s-min=5.7km az=149.4.								
IDC	Error ellipse: s-maj=18.8km s-min=9.4km az=72.0.								
MOS	Error ellipse: s-maj=16.3km s-min=9.1km az=116.3.								
HRVD	Error ellipse: s-maj=4.4km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s5,6c; Mantle waves: s41,c57; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _r -0.07±19; M _θ 2.09±15; M _φ 2.02±19; M _ψ 0.54±12; M _ω 0.32±17; M _ω 1.02±15; Best double couple: NP1:φ=223.0000°; λ=84.0000°; λ-172.0000°; NP2:φ=129.0000°; λ=83.0000°; λ-27.0000°; Principal axes: T 2.2210,Plg13.0000°; Azm179.0000°; N 0.2880,Plg63.0000°; Azm295.0000°; P-2.5130,Plg24.0000°; Azm83.0000°; M _ω 2.36700×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=8.8km s-min=5.0km az=67.0.								
(259) Mindanao									
ISC	I	27 23 56 30.0-58	5.38N-08	125.29E-09	200-9	4.1b	29	2-122	
MAN	I	27 23 56 17.1	5.61N	125.71E	366	6.8s,4.8L			178079654
ISCJB	I	27 23 56 28.6-60	5.34N-08	125.30E-09	200-9	4.1b,4.8L			
NEIC	I	27 23 56 29.9-49	5.41N	125.44E	200	4.5b,4.8L			
IDC	I	27 23 56 34.3-6.6	5.31N	125.38E	240-63	4.3,3.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=15.6km s-min=11.1km az=105.3.								
NEIC	Event type se. Error ellipse: s-maj=20.5km s-min=10.2km az=76.0.								
IDC	Error ellipse: s-maj=29.5km s-min=15.1km az=51.0.								
(189) Southeast of Loyalty Islands									
ISC	I	31 17 11 49.2-82	21.77S-04	170.83E-06	157-6	4.8b	98	4-167	
CSEM	I	31 17 11 31.7	21.86S	171.24E	33	5.6b			178079657
SZGRF	I	31 17 11 46.8	22.19S	171.68E	153	5.6b			
MOS	I	31 17 11 48.0-1.2	21.75S	170.84E	156	5.1b			
ISCJB	I	31 17 11 49.0-86	21.78S-05	170.74E-06	167-7	4.8b			
IDC	I	31 17 11 49.8-1.2	21.79S	170.74E	165-9	4.9,4.5			
LDG	I	31 17 11 49.0-29	21.52S	170.83E	160-0	5.0b,4.5			
BJI	I	31 17 11 49.7	21.59S	171.04E	174	5.2b,4.7b			
NEIC	I	31 17 11 50.5-20	21.73S	170.80E	172	4.8b,4.7b			
ISC	Event type se.								
SZGRF	Southeast of Loyalty Islands.								
MOS	Error ellipse: s-maj=12.7km s-min=10.4km az=43.7.								
ISCJB	Event type ke. Error ellipse: s-maj=8.7km s-min=7.4km az=156.2.								
IDC	Error ellipse: s-maj=12.1km s-min=10.5km az=179.0.								
LDG	Event type ke. Error ellipse: s-maj=30.8km s-min=5.1km az=163.0.								
NEIC	Event type se. Error ellipse: s-maj=7.2km s-min=6.7km az=61.0.								
(173) Tonga Islands									
ISC	II	03 16 00 12.8-13	16.38S-03	173.73W-04	84	5.3b	294	3-175	
NAO	II	03 15 59 51.1	16.26S	173.63W	480	5.8b			178079807
SZGRF	II	03 15 59 59.8	19.03S	174.03W	33	5.8b			
MOS	II	03 16 00 06.0-93	16.18S	173.83W	33	5.7b			
CRAAG	II	03 16 00 07.7	15.75S	173.73W	33	5.7b			
CSEM	II	03 16 00 08.5	15.66S	173.56W	33	5.8b			
ISCJB	II	03 16 00 11.0-13	16.35S-03	173.75W-04	82	5.3b			
BJI	II	03 16 00 12.4	16.40S	173.70W	82	5.6b,5.2s			
NEIC	II	03 16 00 12.5-08	16.36S	173.75W	82	5.5W,5.5b			
HRVD	II	03 16 00 12.5-10	16.26S	173.26W	91-1	5.6W,5.5b			
IDC	II	03 16 00 12.9-49	16.31S	173.75W	85-4	5.3,5.0			
ISC	Event type se.								
SZGRF	Tonga Islands.								
MOS	Error ellipse: s-maj=12.1km s-min=9.8km az=106.4.								
ISCJB	Event type se. Error ellipse: s-maj=5.7km s-min=3.3km az=75.7.								
NEIC	Event type se. Error ellipse: s-maj=5.0km s-min=2.6km az=124.0. Moment Tensor Solution. s17 Moment tensor: Scale 10 ¹⁷ Nm; M _r -1.93; M _θ -0.02; M _φ -1.95; M _ψ -1.13; M _ω -1.10; M _ω -0.84; Best double couple: NP1:φ=4.0000°; λ=57.0000°; λ-52.0000°; NP2:φ=129.0000°; λ=84.0000°; λ-133.0000°; Principal axes: T 2.4600,Plg5.0000°; Azm68.0000°; N 0.3200,Plg31.0000°; Azm161.0000°; P-2.7800,Plg59.0000°; Azm330.0000°; M _ω 2.60000×10 ¹⁷								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s83,c175; Mantle waves: s96,c204; Half duration: 1s5 Moment tensor: Scale 10 ¹⁷ Nm; M _r -1.09±0.04; M _θ -1.07±0.04; M _φ -2.16±0.04; M _ψ -1.40±0.03; M _ω -1.13±0.04; M _ω -1.33±0.03; Best double couple: NP1:φ=4.0000°; λ=127.0000°; λ=84.0000°; λ-156.0000°; NP2:φ=21.0000°; λ=87.0000°; λ-44.0000°; Principal axes: T 2.7470,Plg15.0000°; Azm79.0000°; N 0.3140,Plg43.0000°; Azm184.0000°; P-3.0610,Plg43.0000°; Azm334.0000°; M _ω 2.90400×10 ¹⁷								
IDC	Error ellipse: s-maj=12.3km s-min=8.2km az=127.0.								
(266) Northern Molucca Sea									
ISC	II	04 23 01 47.6-55	1.61N-03	125.66E-04	63-4	5.2b	220	5-169	
BJI	II	04 23 01 37.9	1.27N	125.96E	27	5.3b,4.9b			178083615
MOS	II	04 23 01 39.4-1.1	1.76N	125.57E	10	5.5b,4.5s			

IDC	II	04 23 01 41.3-2.4	1.70N	125.58E	13-14	5.1,5.0			
NEIC	II	04 23 01 41.1-21	1.67N	125.56E	10	5.2b,4.6s			
HRVD	II	04 23 01 41.1-20	1.77N	125.65E	16-0	5.3W,4.6s			
ISCJB	II	04 23 01 44.6-65	1.58N-03	125.62E-04	53-5	5.2b,4.6s			
NAO	II	04 23 01 49.1	1.78N	122.64E	33	5.2b,4.6s			
ISC	Event type fe.								
MOS	Error ellipse: s-maj=10.6km s-min=6.1km az=107.6.								
IDC	Error ellipse: s-maj=15.9km s-min=9.8km az=71.0.								
NEIC	Event type fe. Error ellipse: s-maj=8.3km s-min=6.1km az=63.0. Felt at Palu and Poso, Indonesia.								
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s50,c84; Mantle waves: s60,c117; Half duration: 1s0 Moment tensor: Scale 10 ¹⁷ Nm; M _r -0.63±0.03; M _θ -0.04±0.02; M _φ -0.66±0.02; M _ψ -0.47±0.02; M _ω -0.61±0.06; Best double couple: NP1:φ=54.0000°; λ=834.0000°; λ=135.0000°; NP2:φ=183.0000°; λ=866.0000°; λ=64.0000°; Principal axes: T 0.9380,Plg60.0000°; Azm56.0000°; N 0.1300,Plg23.0000°; Azm194.0000°; P-1.0690,Plg18.0000°; Azm292.0000°; M _ω 1.00400×10 ¹⁷								
ISCJB	Event type fe. Error ellipse: s-maj=6.9km s-min=4.5km az=150.4.								
(259) Mindanao									
ISC	II	08 21 23 23.8-64	6.20N-09	125.36E-10	125-6	3.7b	18	1-83	
IDC	II	08 21 23 09.2-96	6.33N	125.55E	0	4.0,3.8b			1780949192
ISCJB	II	08 21 23 22.5-64	6.18N-09	125.36E-10	131-6	3.6b,3.8b			
NEIC	II	08 21 23 24.1-1.2	6.17N	125.29E	130-12	4.1b,3.8b			
MAN	II	08 21 23 25.2	7.52N	125.67E	100	6.2s,5.0L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=75.0km s-min=18.5km az=72.0.								
ISCJB	Event type se. Error ellipse: s-maj=18.7km s-min=12.2km az=110.5.								
NEIC	Event type se. Error ellipse: s-maj=46.2km s-min=9.7km az=70.0.								
(186) Vanuatu Islands									
ISC	II	10 16 09 40.8-90	14.66S-04	167.36E-05	148-8	4.8b	133	3-169	
CSEM	II	10 16 09 25.9	14.69S	167.33E	33	5.6b			178080013
NAO	II	10 16 09 27.4	14.45S	167.15E	240	4.8b			
MOS	II	10 16 09 36.8-1.2	14.54S	167.29E	120	4.8b			
NEIC	II	10 16 09 39.8-19	14.63S	167.40E	143	4.9b			
HRVD	II	10 16 09 39.8-30	14.67S	167.11E	145-2	5.1W			
ISCJB	II	10 16 09 40.2-97	14.70S-04	167.28E-05	157-8	4.8b			
IDC	II	10 16 09 40.1-69	14.69S	167.30E	144-5	4.9,4.6			
LDG	II	10 16 09 41.4-27	14.56S	166.63E	140-0	4.9b,4.6			
BJI	II	10 16 09 41.9	14.23S	167.10E	148	5.1b,4.6b			
ISC	Event type ke.								
MOS	Error ellipse: s-maj=11.7km s-min=10.1km az=111.8.								
NEIC	Event type se. Error ellipse: s-maj=7.1km s-min=5.6km az=89.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s43,c49; Mantle waves: s80,c123; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _r -3.58±15; M _θ -0.00±18; M _φ -3.59±16; M _ψ -2.19±13; M _ω -2.96±18; M _ω -0.09±15; Best double couple: NP1:φ=179.0000°; λ=847.0000°; λ=135.0000°; NP2:φ=303.0000°; λ=859.0000°; λ=53.0000°; Principal axes: T 4.8690,Plg58.0000°; Azm160.0000°; N 0.4990,Plg31.0000°; Azm325.0000°; P-5.3740,Plg7.0000°; Azm59.0000°; M _ω 5.12100×10 ¹⁶								
ISCJB	Event type ke. Error ellipse: s-maj=8.8km s-min=6.3km az=124.2.								
IDC	Error ellipse: s-maj=11.1km s-min=9.8km az=116.0.								
LDG	Event type ke. Error ellipse: s-maj=39.6km s-min=9.2km az=85.0.								
(263) Talau Islands									
ISC	II	11 04 57 55.2-44	3.55N-02						

(153) South Sandwich Islands region

ISC	II	17 12 18 27.0-1.5	56.14S-08	27.7W-20	134-15	4.6b	36	5-162
MOS	II	17 12 18 22.6-87	56.07S	27.59W	104	5.1b		¶18106393
BJI	II	17 12 18 25.8	56.22S	27.70W	130	5.5b		
ISCJB	II	17 12 18 25.2-1.6	56.07S-08	27.6W-20	130-16	4.6b		
NEIC	II	17 12 18 26.3-27	56.08S	27.70W	130	5.2b		
IDC	II	17 12 18 26.2-57	56.09S	27.68W	125-4	4.8,4.5		
HRVD	II	17 12 18 26.3-50	56.15S	27.13W	123-7	4.9W,4.5		

ISC Event type se.
 MOS Error ellipse: s-maj=30.3km s-min=14.6km az=100.0.
 ISCJB Event type se. Error ellipse: s-maj=16.4km s-min=9.8km az=106.7.
 NEIC Event type se. Error ellipse: s-maj=11.8km s-min=7.5km az=48.0.
 IDC Error ellipse: s-maj=13.6km s-min=10.9km az=25.0.
 HRVD Error ellipse: s-maj=8.9km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s10,c10; Mantle waves: s55,c63; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr:2.36±.14 Mw:2.44±.32; Mww:0.08±.30; Mw:0.25±.18; Mw:1.32±.16; Mw:0.83±.14; Best double couple: NP1:φ:272.00000°; λ:48.00000°; λ:59.00000°; NP2:φ:134.00000°; λ:850.00000°; λ:120.00000°. Principal axes: T 2.7200,Plg67.0000°, Azm111.0000°; N 0.2880,Plg23.0000°, Azm294.0000°; P -3.0060,Plg1.0000°, Azm203.0000°; Mz:2.86300×1016

(263) Talau Islands

ISC	II	17 23 12 15.8-78	5.50N-05	125.43E-07	64-7	4.3b	60	2-108
MAN	II	17 23 12 04.5	4.83N	125.52E	84	5.7s,5.2L		¶19494114
NEIC	II	17 23 12 12.8-27	5.54N	125.38E	35	4.4b,5.2b		
ISCJB	II	17 23 12 14.0-83	5.49N-04	125.37E-07	64-7	4.3b,5.2L		
IDC	II	17 23 12 16.8-3.3	5.46N	125.24E	75-28	4.3,4.2		

ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=12.5km s-min=5.6km az=64.0.
 ISCJB Event type se. Error ellipse: s-maj=12.4km s-min=6.7km az=141.8.
 IDC Error ellipse: s-maj=37.5km s-min=10.7km az=69.0.

(259) Mindanao

ISC	II	19 00 49 17.6-16	6.03N-02	126.15E-03	142	5.1b	391	1-168
CSEM	II	19 00 49 04.2	6.14N	126.10E	33	5.5b		¶18096108
NAO	II	19 00 49 11.0	7.32N	125.07E	33	5.3b		
ISCJB	II	19 00 49 15.6-16	5.98N-02	126.13E-03	140	5.1b		
MOS	II	19 00 49 15.0-92	6.04N	126.06E	134	5.2b		
MAN	II	19 00 49 15.3	6.02N	126.27E	128	5.5L,4.8b		
IDC	II	19 00 49 15.9-64	5.96N	126.08E	129-5	5.2,4.8		
BJI	II	19 00 49 15.9	5.94N	126.15E	147	5.2b,5.1b		
NEIC	II	19 00 49 16.6-13	6.06N	126.09E	132	5.2b,5.1b		
HRVD	II	19 00 49 16.6-20	6.05N	126.27E	131-1	5.3W,5.1b		

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=4.8km s-min=2.8km az=138.6.
 MOS Error ellipse: s-maj=12.2km s-min=5.8km az=106.4.
 MAN Event type fe. F DAVAO CITY - INTENSITY II GENERAL SANTOS CITY - INTENSITY I.
 IDC Error ellipse: s-maj=11.7km s-min=6.0km az=69.0.
 NEIC Event type fe. Error ellipse: s-maj=5.9km s-min=3.9km az=69.0. Felt [III PIVS] at General Santos and [II PIVS] at Davao.

HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s69,c99; Mantle waves: s88,c169; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr:0.79±.02 Mw:0.20±.03; Mww:0.98±.03; Mw:0.37±.02; Mw:0.71±.03; Mw:0.07±.03; Best double couple: NP1:φ:355.00000°; λ:82.00000°; λ:44.00000°; NP2:φ:234.00000°; λ:857.00000°; λ:133.00000°. Principal axes: T 1.0530,Plg55.0000°, Azm202.0000°; N 0.2690,Plg35.0000°, Azm27.0000°; P -1.3210,Plg3.0000°, Azm296.0000°; Mz:1.18700×1017

(259) Mindanao

ISC	II	25 14 18 59.7-1.5	6.4N-10	126.4E-20	87-20	3.6b	6	1-83
IDC	II	25 14 18 51.3-1.2	5.86N	125.27E	0	3.9,3.6b		¶19497112
ISCJB	II	25 14 18 58.5-1.4	6.4N-20	126.4E-20	98-19	3.6b,3.6b		
MAN	II	25 14 18 58.5	6.60N	126.54E	8	8.5s,4.6L		

ISC Event type se. Error ellipse: s-maj=74.6km s-min=22.8km az=70.0.
 IDC Error ellipse: s-maj=37.4km s-min=24.9km az=170.7.

(266) Northern Molucca Sea

ISC	II	26 10 29 29.7-1.2	0.44N-04	126.15E-07	80-11	4.6b	120	11-123
IDC	II	26 10 29 19.2-48	0.42N	126.13E	0	4.7,4.6		¶18106672
MOS	II	26 10 29 24.4-91	0.46N	126.12E	48	4.8b,4.0s		
ISCJB	II	26 10 29 28.4-1.4	0.41N-05	126.11E-07	86-13	4.6b,4.0s		
BJI	II	26 10 29 29.2	0.23N	126.13E	101	5.0b,4.8b		
NEIC	II	26 10 29 30.6-1.7	0.44N	126.26E	94-16	4.7b,4.7b		
CSEM	II	26 10 29 41.8	0.03N	125.62E	230	5.6b,4.8b		

ISC Event type se.
 IDC Error ellipse: s-maj=22.3km s-min=9.2km az=69.0.
 MOS Error ellipse: s-maj=16.0km s-min=7.6km az=110.9.
 ISCJB Event type se. Error ellipse: s-maj=12.5km s-min=7.3km az=128.2.
 NEIC Event type se. Error ellipse: s-maj=13.4km s-min=6.2km az=60.0.

(224) Hokkaido region

ISC	II	28 21 19 37.3-21	41.86N-03	140.45E-04	138-2	4.2b	144	0-78
NIED	II	28 21 19 00	41.80N	140.50E	130	4.1W		¶18193335
NAO	II	28 21 19 21.0	41.09N	140.33E	33	3.8b		
ISCJB	II	28 21 19 36.2-21	41.86N-03	140.43E-04	141-2	4.2b		
MOS	II	28 21 19 37.1-97	41.93N	140.31E	147	4.3b		
JMA	II	28 21 19 37.9-10	41.84N	140.46E	132-1	3.7		
IDC	II	28 21 19 37.3-1.2	41.88N	140.36E	135-10	4.2,3.9		
NEIC	II	28 21 19 38.6-57	41.89N	140.32E	147-6	4.5b,4.1W		
BJI	II	28 21 19 38.1	42.09N	140.55E	173	4.8b,4.5b		
SKHL	II	28 21 19 39.5-30	41.92N	140.90E	150-13	5.8s,5.3b		

ISC Event type se.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:176.00000°; λ:890.00000°; λ:71.00000°. NP2:φ:86.00000°; λ:19.00000°; λ:180.00000°. Mz:1.50000×1015
 ISCJB Event type se. Error ellipse: s-maj=5.7km s-min=4.3km az=68.2.
 MOS Error ellipse: s-maj=9.7km s-min=6.5km az=102.0.
 JMA Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
 IDC Error ellipse: s-maj=14.8km s-min=10.9km az=126.0.
 NEIC Event type se. Error ellipse: s-maj=6.7km s-min=5.3km az=138.0. Moment Tensor Solution. Mz:1.50000×1015

(259) Mindanao

ISC	III	02 11 19 33.5-52	6.23N-05	126.21E-08	141-5	4.2b	47	1-130
MAN	III	02 11 19 25.8	5.73N	126.41E	13	6.2s,4.9L		¶10595731
IDC	III	02 11 19 28.3-6.3	6.30N	126.22E	95-57	4.2,4.1		
ISCJB	III	02 11 19 32.1-53	6.20N-05	126.21E-08	146-5	4.2b,4.1		
BJI	III	02 11 19 32.9	6.13N	126.02E	147	4.7b,4.6b		
NEIC	III	02 11 19 33.2-80	6.28N	126.25E	145-7	4.5b,4.6b		

ISC Event type se.
 IDC Error ellipse: s-maj=39.6km s-min=14.2km az=73.0.
 ISCJB Event type se. Error ellipse: s-maj=14.1km s-min=7.4km az=155.0.
 NEIC Event type se. Error ellipse: s-maj=28.6km s-min=6.2km az=71.0.

(259) Mindanao

ISC	III	03 07 12 09.4-65	9.48N-06	125.83E-09	147-5	3.4b	18	0-146
IDC	III	03 07 11 52.2-2.1	9.63N	126.28E	0	3.8,3.6b		¶10596382
ISCJB	III	03 07 12 08.2-65	9.45N-06	125.81E-09	157-6	3.4b,3.6b		
MAN	III	03 07 12 08.6	9.48N	125.83E	157	5.9s,4.4L		

ISC Event type se. Error ellipse: s-maj=196.9km s-min=25.1km az=65.0.
 IDC Error ellipse: s-maj=15.7km s-min=8.3km az=131.8.

(259) Mindanao

ISC	III	04 19 54 36.3-94	6.54N-05	126.8E-10	78-9	4.0b	45	1-122
MOS	III	04 19 54 29.6-88	6.63N	126.91E	38	4.4b		¶10597400
MAN	III	04 19 54 32.8	6.40N	126.58E	1	6.4s,4.7L		
NEIC	III	04 19 54 33.9-2.2	6.64N	126.99E	61-20	4.3b,4.7L		
IDC	III	04 19 54 34.6-10	6.59N	126.98E	64-96	3.8,3.7		
ISCJB	III	04 19 54 35.0-92	6.51N-05	126.79E-09	85-9	4.0b,3.7		

ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.

(173) Tonga Islands

ISC	III	05 08 07 57.1-11	20.21S-02	175.60W-03	210	5.8b	478	7-173
MOS	III	05 08 07 49.8-1.1	19.95S	175.67W	150	6.1b		¶10597729
CRAAG	III	05 08 07 53.3	20.07S	175.66W	6.1b			
ISCJB	III	05 08 07 55.5-10	20.17S-02	175.65W-03	208	5.8b		
IDC	III	05 08 07 55.3-94	20.14S	175.72W	196-8	6.1,5.7		

HRVD	III	05 08 07 56.6-10	20.09S	175.22W	214-0	6.1W,5.7		
NEIC	III	05 08 07 56.6-08	20.12S	175.66W	206	6.0W,6.0b		
BJI	III	05 08 07 56.3	19.44S	175.45W	196	5.7b,5.4b		
BGS	III	05 08 07 57.0	20.11S	175.67W	206	5.7b,5.4b		

ISC Event type fe.
 MOS Error ellipse: s-maj=7.3km s-min=5.8km az=61.9.
 ISCJB Event type fe. Error ellipse: s-maj=3.9km s-min=2.4km az=61.4.
 IDC Error ellipse: s-maj=7.8km s-min=6.2km az=142.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s105,c238; Mantle waves: s108,c394; Half duration: 2s7 Moment tensor: Scale 1018Nm; Mr:0.35±.01 Mw:1.52±.01; Mw:1.17±.01; Mw:0.47±.01; Mw:0.18±.01; Mw:0.66±.01; Best double couple: NP1:φ:231.00000°; λ:858.00000°; λ:169.00000°; NP2:φ:135.00000°; λ:81.00000°; λ:33.00000°. Principal axes: T 1.6700,Plg15.0000°, Azm187.0000°; N -0.1350,Plg56.0000°, Azm301.0000°; P -1.5380,Plg30.0000°, Azm88.0000°; Mz:1.60400×1018

NEIC Event type fe. Error ellipse: s-maj=4.7km s-min=2.9km az=126.0. Felt at Neiafu and Nuku'alofa. Moment Tensor Solution. Mz:2.00000×1018 Moment Tensor Solution. s50 Moment tensor: Scale 1018Nm; Mr:0.0 Mw:0.0 Mww:0.0 Mw:0.0 Mw:0.0 Mw:0.0 Mw:0.0 Mw:0.0 Best double couple: NP1:φ:134.00000°; λ:54.00000°; λ:4.00000°; NP2:φ:238.00000°; λ:837.00000°; λ:162.00000°. Principal axes: T 1.2800,Plg25.0000°, Azm196.0000°; N -0.0200,Plg35.0000°, Azm306.0000°; P -1.2600,Plg44.0000°, Azm79.0000°; Mz:1.30000×1018

(267) Halmahera

ISC	III	07 04 53 30.7-58	3.45N-03	128.21E-04	114-4	5.3b	289	4-167
BJI	III	07 04 53 13.6	2.87N	128.59E	23	5.5b,5.2b		¶10598807
CSEM	III	07 04 53 20.3	3.52N	128.14E	33	5.5b,5.2b		
MOS	III	07 04 53 20.2-1.1	3.56N	128.01E	33	5.6b,5.2b		
HRVD	III	07 04 53 20.0-30	3.54N	128.05E	116-2	5.1W,5.2b		
IDC	III	07 04 53 30.7-1.6	3.45N	128.10E	117-13	5.3,5.0		
ISCJB	III	07 04 53 30.1-63	3.45N-03	128.14E-04	125-5	5.3b,5.0		
NEIC	III	07 04 53 32.0-1.0	3.45N	128.14E	128-9	5.3b,5.0		

ISC Event type se.
 MOS Error ellipse: s-maj=10.7km s-min=5.7km az=108.3.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s55,c71; Mantle waves: s83,c142; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr:3.46±.17 Mw:2.77±.17; Mw:6.23±.19; Mw:2.74±.10; Mw:0.49±.20; Mw:1.34±.16; Best double couple: NP1:φ:143.00000°; λ:851.00000°; λ:34.00000°; NP2:φ:30.00000°; λ:864.00000°; λ:136.00000°. Principal axes: T 6.0220,Plg49.0000°, Azm351.0000°; N 0.3920,Plg40.0000°, Azm186.0000°; P -6.4140,Plg8.0000°, Azm89.0000°; Mz:6.21800×1016

IDC Error ellipse: s-maj=13.8km s-min=9.5km az=79.0.
 ISCJB Event type se. Error ellipse: s-maj=6.8km s-min=4.7km az=156.5.
 NEIC Event type se. Error ellipse: s-maj=7.0km s-min=4.4km az=74.0.

(186) Vanuatu Islands

ISC	III	07 06 28 55.7-11	14.85S-02	167.36E-02	139	5.6b	467	3-169
LDG	III	07 06 28 39.2-28	14.07S	167.65E	10-0	6.2b,5.3s		¶10598850
SZGRF	III	07 06 28 49.2	13.85S	168.12E	147	6.2b,5.3s		
CRAAG	III	07 06 28 52.9	14.79S	167.16E	137	5.7b,5.3s		
ISCJB	III	07 06 28 53.7-11	14.85S-02	167.28E-02	137	5.6b,5.3s		
IDC	III	07 06 28 54.9-29	14.87S	167.32E	138-2	5.8,5.4		
BJI	III	07 06 28 55.0	14.24S	167.34E	129	5.9b,5.7b		
HRVD	III	07 06 28 55.0-10	14.90S	167.20E	144-0	6.2W,5.7b		
NEIC	III	07 06 28 55.0-09	14.81S	167.37E	136	6.2W,5.7b		
MOS	III	07 06 28 55.1-1.2	14.79S	167.32E	143	5.8b,5.3s		
ORF	III	07 06 28 58.1	7.73S	163.10E	30	6.5b,5.3s		

ISC Event type fe.
 LDG Event type ke. Error ellipse: s-maj

MOS Error ellipse: s-maj=9.3km s-min=6.3km az=91.5.
 IDC Error ellipse: s-maj=8.9km s-min=6.7km az=91.0.
 NEIC Event type se. Error ellipse: s-maj=5.5km s-min=4.2km az=95.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s84,c147; Mantle waves: s97,c177; Half duration: 1s4 Moment tensor: Scale 1017Nm; Mr=1.58±0.03; Mw=2.0±0.3; Ms=1.38±0.03; M0=0.57±0.03; Mw=0.06±0.04; Mw=1.72±0.04;
 Best double couple: NP1:φ=176.00000°; λ=200.00000°; λ=107.00000°; NP2:φ=14.00000°;
 ;δ71.00000°; λ=84.00000°. Principal axes: T 2.2140,Plg25.0000°; Azm100.0000°
 ; N -0.2460,Plg6.0000°; Azm192.0000°; P -2.4610,Plg64.0000°; Azm295.0000°
 Ms2.33800×1017

(249) Luzon
 ISC III 15 18 23 05.8-1.5 14.88N-05 119.8E-20 64-13 4.0b 45 1-92
 MOS III 15 18 23 00.4-1.2 14.80N 119.47E 33 4.7b
 MAN III 15 18 23 02.8 14.94N 119.75E 14 8.2s,4.7L
 ISCJB III 15 18 23 03.9-1.5 14.86N-05 119.8E-10 63-13 4.0b,4.7L
 NEIC III 15 18 23 06.3-1.7 14.72N 119.72E 72-15 4.5b,4.7L
 IDC III 15 18 23 06.0-3.0 14.72N 119.60E 71-27 4.1,3.9
 ISC Event type se.
 MOS Error ellipse: s-maj=23.7km s-min=11.7km az=112.3.
 ISCJB Event type se. Error ellipse: s-maj=23.6km s-min=7.4km az=161.4.
 NEIC Event type se. Error ellipse: s-maj=23.6km s-min=8.4km az=72.0.
 IDC Error ellipse: s-maj=38.6km s-min=13.8km az=70.0.

(186) Vanuatu Islands
 ISC III 17 13 35 34.0-24 14.96S-04 167.43E-05 119 5.1b 131 3-169
 CSEM III 17 13 35 21.9 15.07S 167.58E 33 5.6b
 ISCJB III 17 13 35 32.2-24 14.96S-04 167.36E-05 118 5.1b
 BJI III 17 13 35 32.1 14.52S 167.58E 106 5.1b,5.0b
 HRVD III 17 13 35 33.3-50 14.93S 167.26E 113-4 5.1W,5.0b
 NEIC III 17 13 35 33.3-22 14.94S 167.43E 117 5.2b,5.0b
 IDC III 17 13 35 33.2-62 14.93S 167.46E 118-5 5.1,4.8
 LDG III 17 13 35 35.3-25 15.00S 166.63E 120-0 5.0b,4.8
 MOS III 17 13 35 36.0-1.7 14.95S 167.25E 142 5.0b,4.8
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=6.5km s-min=5.1km az=165.3.
 HRVD Error ellipse: s-maj=4.4km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s19,c20; Mantle waves: s44,c64; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=5.52±31.3; Mw=5.20±39; Ms=1.14±35; M0=1.29±37; Mw=0.70±36;
 Best double couple: NP1:φ=208.00000°; λ=845.00000°; λ=111.00000°; NP2:φ=359.00000°;
 ;δ49.00000°; λ=70.00000°. Principal axes: T 5.9570,Plg75.0000°; Azm200.0000°
 ; N -0.4310,Plg15.0000°; Azm13.0000°; P -5.5310,Plg2.0000°; Azm103.0000°
 Ms5.74400×1016

NEIC Event type se. Error ellipse: s-maj=7.0km s-min=5.8km az=118.0.
 IDC Error ellipse: s-maj=11.1km s-min=9.7km az=91.0.
 LDG Event type ke. Error ellipse: s-maj=35.0km s-min=7.6km az=85.0.
 MOS Error ellipse: s-maj=9.4km s-min=8.7km az=103.1.
 (263) Talau Islands
 ISC III 18 11 14 51.6-17 4.67N-02 126.28E-04 89 5.0b 262 2-168
 MOS III 18 11 14 45.5-93 4.75N 126.07E 45 5.2b
 ISCJB III 18 11 14 49.7-17 4.65N-03 126.22E-04 87 5.0b
 IDC III 18 11 14 49.4-40 4.68N 126.27E 70-3 5.0,4.8
 BJI III 18 11 14 49.5 4.39N 126.28E 105 5.1b,5.0b
 NEIC III 18 11 14 51.1-17 4.71N 126.25E 84 5.0b,5.0b
 HRVD III 18 11 14 51.1-30 4.62N 126.50E 74-3 5.0W,5.0b
 MAN III 18 11 14 54.8 4.70N 125.90E 57 6.7s,5.5L
 ISC Event type se.
 MOS Error ellipse: s-maj=10.8km s-min=5.6km az=109.3.
 ISCJB Event type se. Error ellipse: s-maj=6.0km s-min=3.2km az=137.5.
 IDC Error ellipse: s-maj=14.1km s-min=7.3km az=71.0.
 NEIC Event type se. Error ellipse: s-maj=6.8km s-min=4.2km az=75.0.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s31,c36; Mantle waves: s71,c99; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=2.33±15; Mw=0.29±13; Ms=2.61±16; M0=0.27±8; Mw=1.15±13; Mw=1.85±11;
 Best double couple: NP1:φ=220.00000°; λ=833.00000°; λ=124.00000°; NP2:φ=1.00000°;
 ;δ64.00000°; λ=70.00000°. Principal axes: T 3.0920,Plg6.0000°; Azm236.0000°
 ; N -0.4130,Plg17.0000°; Azm10.0000°; P -3.4970,Plg16.0000°; Azm106.0000°
 Ms3.29400×1016

(263) Talau Islands
 ISC III 18 21 33 43.5-1.4 6.6N-10 126.6E-10 84-19 3.5b 14 2-55
 MAN III 18 21 33 19.0 4.50N 125.54E 82 7.9s,4.5L
 IDC III 18 21 33 42.2-0.2 6.87N 127.05E 0 3.8,3.6b
 ISCJB III 18 21 33 42.2-1.3 6.6N-10 126.6E-10 95-17 3.5b,3.6b
 (153) South Sandwich Islands region
 ISC III 18 23 12 01.5-1.1 56.46S-05 26.82W-10 87-10 5.0b 104 6-177
 CSEM III 18 23 11 53.8 56.34S 26.84W 33 5.6b
 ISCJB III 18 23 11 59.4-1.2 56.38S-05 26.79W-10 80-11 5.0b
 MOS III 18 23 11 59.6-78 56.40S 26.69W 80 5.4b
 HRVD III 18 23 12 00.9-20 56.48S 26.52W 82-1 5.3W
 BJI III 18 23 12 00.8 56.40S 26.70W 82 5.5s,5.3b
 NEIC III 18 23 12 00.9-17 56.40S 26.75W 83 5.3b,5.3b
 IDC III 18 23 12 01.8-63 56.46S 26.85W 91-4 4.9,4.7
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=11.2km s-min=5.6km az=91.6.
 MOS Error ellipse: s-maj=23.3km s-min=10.6km az=102.5.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s73,c117; Mantle waves: s56,c90; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr=0.76±0.03; Mw=0.15±0.04; Ms=0.90±0.03; M0=0.47±0.02; Mw=0.45±0.03; Mw=0.31±0.03;
 Best double couple: NP1:φ=185.00000°; λ=838.00000°; λ=131.00000°; NP2:φ=318.00000°;
 ;δ63.00000°; λ=63.00000°. Principal axes: T 1.0160,Plg62.0000°; Azm184.0000°
 ; N 0.1630,Plg24.0000°; Azm331.0000°; P -1.1800,Plg14.0000°; Azm67.0000°
 Ms1.09800×1017

NEIC Event type se. Error ellipse: s-maj=7.6km s-min=5.0km az=51.0.
 IDC Error ellipse: s-maj=12.8km s-min=8.8km az=27.0.
 (181) Fiji Islands region
 ISC III 19 13 32 47.0-1.1 21.28S-04 176.55W-04 111-10 5.0b 222 8-172
 SZGRF III 19 13 32 39.0 21.70S 176.43W 33 5.0b
 BJI III 19 13 32 43.4 21.45S 175.70W 126 5.1b,5.0b
 ISCJB III 19 13 32 46.9-1.2 21.27S-04 176.60W-04 124-11 5.0b,5.0b
 ORF III 19 13 32 49.1 17.16S 176.49W 30 6.0b,5.0b
 MOS III 19 13 32 50.0-3.1 21.08S 176.57W 130 4.9b,5.0b
 NEIC III 19 13 32 52.4-1.1 21.37S 176.56W 166-10 4.8b,5.0b
 BGS III 19 13 32 53.0-8.2 21.35S 176.56W 160-0 4.8b,5.0b
 IDC III 19 13 33 00.2-2.0 21.33S 176.60W 232-17 5.1,4.6b
 ISC Event type se.
 SZGRF Fiji Islands region.
 ISCJB Event type se. Error ellipse: s-maj=7.8km s-min=5.3km az=105.6.
 MOS Error ellipse: s-maj=9.3km s-min=7.2km az=61.1.
 NEIC Event type se. Error ellipse: s-maj=7.1km s-min=4.3km az=141.0.
 BGS Error ellipse: s-maj=657.3km s-min=999.9km az=1.0.
 IDC Error ellipse: s-maj=11.4km s-min=8.1km az=150.0.

(259) Mindanao
 ISC III 19 16 02 17.7-2.1 6.1N-30 126.4E-20 137-50 3.7b 12 2-40
 IDC III 19 16 01 09.6-29 11.67N 123.43E 0 4.1,3.9b
 ISCJB III 19 16 02 16.2-2.1 6.0N-30 126.4E-20 141-48 3.7b,3.9b
 MAN III 19 16 02 16.8 6.11N 126.19E 4 5.9s,4.5L
 IDC Error ellipse: s-maj=518.7km s-min=262.8km az=151.0.
 ISCJB Error ellipse: s-maj=48.8km s-min=28.7km az=150.4.
 (186) Vanuatu Islands
 ISC III 19 20 02 01.8-90 14.59S-04 167.25E-05 185-8 4.8b 131 3-169
 LDG III 19 20 01 41.5-41 13.68S 167.38E 10-0 5.2b
 CSEM III 19 20 01 42.6 14.46S 167.40E 33 5.7b
 NEIC III 19 20 01 59.5-1.4 14.48S 167.21E 159-12 4.9b
 CRAAG III 19 20 01 59.0 14.51S 167.16E 162 4.8b
 HRVD III 19 20 01 59.5-40 14.49S 167.12E 168-3 5.0W
 ISCJB III 19 20 02 00.4-1.1 14.56S-05 167.16E-05 185-10 4.8b
 MOS III 19 20 02 02.7-1.5 14.38S 167.04E 193 4.9b
 IDC III 19 20 02 02.8-1.2 14.59S 167.16E 196-10 5.0,4.6
 BJI III 19 20 02 04.9 13.84S 167.01E 194 4.9b,4.8b

Event type ke.
 LDG Event type ke. Error ellipse: s-maj=50.0km s-min=22.4km az=92.0.
 NEIC Event type se. Error ellipse: s-maj=9.7km s-min=8.4km az=146.0.
 HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s23,c27; Mantle waves: s68,c108; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=3.12±12; Mw=0.24±14; Ms=3.36±13; Mw=1.44±12; Mw=0.83±16; Mw=0.30±14;
 Best double couple: NP1:φ=10.00000°; λ=849.00000°; λ=122.00000°; NP2:φ=146.00000°;
 ;δ50.00000°; λ=58.00000°. Principal axes: T 3.7650,Plg66.0000°; Azm348.0000°
 ; N -0.2280,Plg24.0000°; Azm168.0000°; P -3.5410,Plg0.0000°; Azm258.0000°
 Ms3.65300×1016

ISCJB Event type ke. Error ellipse: s-maj=8.3km s-min=7.2km az=112.2.
 MOS Error ellipse: s-maj=9.8km s-min=8.4km az=133.7.
 IDC Error ellipse: s-maj=10.3km s-min=8.8km az=146.0.
 (259) Mindanao
 ISC III 19 21 05 20.5-1.5 5.6N-20 125.9E-30 116-22 3.5b 9 2-56
 IDC III 19 21 05 06.0-2.1 5.98N 126.59E 0 3.7,3.5b
 MAN III 19 21 05 17.0 5.59N 125.74E 1 6.3s,4.5L
 ISCJB III 19 21 05 19.3-1.5 5.6N-20 125.9E-30 126-22 3.5b,4.5L

(259) Mindanao
 ISC III 20 19 28 41.7-7.6 5.44N-04 126.68E-07 88-5 4.5b 94 2-122
 MAN III 20 19 28 38.7 5.50N 126.60E 7 8.3s,5.0L
 IDC III 20 19 28 38.1-3.4 5.43N 126.60E 55-29 4.4,4.3
 MOS III 20 19 28 39.4-93 5.43N 126.57E 84 4.7b,4.3
 ISCJB III 20 19 28 40.4-7.5 5.42N-04 126.66E-07 95-5 4.5b,4.3
 BJI III 20 19 28 41.0 5.50N 126.70E 86 4.9b,4.6b
 NEIC III 20 19 28 41.0-1.1 5.45N 126.69E 86-9 4.7b,4.6b
 ISC Event type se.
 IDC Error ellipse: s-maj=35.5km s-min=13.1km az=69.0.
 MOS Error ellipse: s-maj=23.0km s-min=8.6km az=118.1.
 ISCJB Event type se. Error ellipse: s-maj=11.6km s-min=6.5km az=147.8.
 NEIC Event type se. Error ellipse: s-maj=12.5km s-min=5.5km az=68.0.

(59) Guerrero
 ISC III 20 23 37 04.3-22 18.62N-03 101.89W-02 69 4.8b 391 1-153
 ISCJB III 20 23 37 02.4-22 18.61N-03 101.93W-02 67 4.8b
 MOS III 20 23 37 03.3-1.0 18.71N 101.70W 69 5.2b
 IDC III 20 23 37 03.9-46 18.77N 101.81W 63-3 4.6,4.5
 MEX III 20 23 37 04.6-43 18.56N 102.02W 62-9 4.7,4.5
 BJI III 20 23 37 04.3 18.70N 101.70W 67 5.5b,5.2b
 HRVD III 20 23 37 04.3-60 18.76N 101.72W 64-2 5.0W,5.2b
 NEIC III 20 23 37 04.3-27 18.65N 101.73W 68 4.9b,5.2b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=4.6km s-min=2.2km az=69.6.
 MOS Error ellipse: s-maj=7.8km s-min=4.4km az=86.0.
 IDC Error ellipse: s-maj=17.4km s-min=8.4km az=61.0.
 MEX Error ellipse: s-maj=1.7km s-min=4.1km az=1.0.
 HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s25,c29; Mantle waves: s28,c44; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=2.68±2; Mw=2.81±17; Ms=0.12±23; Mw=1.49±12; Mw=0.76±20; Mw=0.30±12;
 Best double couple: NP1:φ=105.00000°; λ=831.00000°; λ=88.00000°; NP2:φ=282.00000°;
 ;δ59.00000°; λ=91.00000°. Principal axes: T 3.3740,Plg14.0000°; Azm13.0000°
 ; N -0.3110,Plg1.0000°; Azm283.0000°; P -3.0620,Plg76.0000°; Azm188.0000°
 Ms3.21800×1016

NEIC Event type se. Error ellipse: s-maj=6.6km s-min=3.8km az=48.0.
 (171) South of Fiji Islands
 ISC III 25 10 42 35.0-1.8 23.15S-07 176.93W-07 125-16 4.8b 81 6-170
 MOS III 25 10 42 30.4-2.7 22.94S 176.97W 83 5.3b
 ISCJB III 25 10 42 33.2-1.6 23.15S-06 177.02W-07 120-15 4.8b
 HRVD III 25 10 42 35.2-80 23.52S 176.57W 146-10 4.9W
 BJI III 25 10 42 35.2 23.10S 176.90W 127 5.5b,4.9b
 IDC III 25 10 42 35.5-1.8 23.04S 176.96W 127-14 4.5,4.4
 NEIC III 25 10 42 35.2-1.6 23.13S 176.94W 128-14 5.1b,4.4
 ISC Event type se.
 MOS Error ellipse: s-maj=13.2km s-min=11.5km az=151.2.
 ISCJB Event type se. Error ellipse: s-maj=12.0km s-min=8.3km az=83.2.
 HRVD Error ellipse: s-maj=6.7km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s1,c1; Mantle waves: s61,c73; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=0.23±22; Mw=1.61±25; Ms=1.38±26; Mw=1.19±16; Mw=2.18±32; Mw=1.49±17;
 Best double couple: NP1:φ=290.00000°; λ=857.00000°; λ=4.00000°; NP2:φ=198.00000°;
 ;δ87.00000°; λ=147.00000°. Principal axes: T 3.5790,Plg25.0000°; Azm149.0000°
 ; N -0.7690,Plg57.0000°; Azm13.0000°; P -2.8150,Plg20.0000°; Azm249.0000°
 Ms3.19700×1016

HRVD Error ellipse: s-maj=15.2km s-min=13.1km az=137.0.
 NEIC Event type se. Error ellipse: s-maj=8.6km s-min=5.8km az=152.0.
 (153) South Sandwich Islands region
 ISC III 28 04 09 54.6-1.4 56.64S-06 26.5W-10 113-13 5.2b 69 6-167
 CSEM III 28 04 09 44.0 56.45S 26.41W 33 5.8b
 MOS III 28 04 09 49.1-1.2 56.60S 26.47W 73 5.4b
 ISCJB III 28 04 09 52.0-1.4 56.52S-05 26.51W-10 101-13 5.2b
 IDC III 28 04 09 53.0-59 56.66S 26.66W 97-4 5.1,4.8
 HRVD III 28 04 09 53.5-30 56.70S 25.99W 91-3 5.1W,4.8
 NEIC III 28 04 09 53.5-22 56.61S 26.46W 103 5.5b,4.8
 BJI III 28 04 09 54.4 56.60S 26.50W 102 5.6b,4.8
 ISC Event type se.
 MOS Error ellipse: s-maj=23.8km s-min=12.5km az=104.5.
 ISCJB Event type se. Error ellipse: s-maj=10.6km s-min=5.9km az=103.7.
 IDC Error ellipse: s-maj=14.1km s-min=9.9km az=32.0.
 HRVD Error ellipse: s-maj=4.4km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s36,c49; Mantle waves: s75,c108; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=0.36±26; Mw=2.76±28; Ms=2.40±27; Mw=2.24±19; Mw=3.35±12;
 Best double couple: NP1:φ=244.00000°; λ=840.00000°; λ=177.00000°; NP2:φ=152.00000°;
 ;δ88.00000°; λ=50.00000°. Principal axes: T 5.6470,Plg31.0000°; Azm210.0000°
 ; N -0.7380,Plg40.0000°; Azm330.0000°; P -4.9130,Plg35.0000°; Azm95.0000°
 Ms5.28000×1016

NEIC Event type se. Error ellipse: s-maj=9.1km s-min=6.7km az=200.0.
 (128) Jujuy Province
 ISC III 28 23 44 09.7-46 23.63S-04 66.58W-05 195-5 4.4b 86 2-170
 ISCJB III 28 23 44 08.5-48 23.63S-04 66.57W-05 199-5 4.4b
 NEIC III 28 23 44 09.7-56 23.55S 66.54W 195-5 4.7b
 IDC III 28 23 44 09.6-82 23.50S 66.51W 198-8 4.7,4.3
 GUC III 28 23 44 10.5-73 23.98S 66.99W 240-0 5.5L,4.5
 BJI III 28 23 44 10.7 23.50S 66.50W 195 5.5b,4.5
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=7.7km s-min=5.8km az=17.4.
 NEIC Event type se. Error ellipse: s-maj=7.8km s-min=6.0km az=65.0.
 IDC Error ellipse: s-maj=12.9km s-min=10.5km az=59.0.
 GUC Error ellipse: s-maj=4.7km s-min=6.0km az=1.0.

(171) South of Fiji Islands
 ISC III 29 05 42 35.9-1.3 22.26S-06 176.88W-07 154-12 4.7b 101 7-171
 CSEM III 29 05 42 20.0 22.08S 176.63W 33 5.5b
 SZGRF III 29 05 42 21.9 22.01S 177.44W 33 5.5b
 ISCJB III 29 05 42 33.8-1.4 22.23S-05 176.99W-07 145-13 4.7b
 BJI III 29 05 42 33.9 22.30S 176.90W 147 5.1b,4.8b
 NEIC III 29 05 42 34.9-1.1 22.30S 176.90W 147-10 4.9b,4.8b
 MOS III 29 05 42 36.7-2.9 22.04S 177.00W 148 4.8b,4.8b
 IDC III 29 05 42 36.7-1.8 22.24S 176.98W 157-15 4.8,4.5
 ISC Event type se.
 SZGRF South of Fiji Islands.
 ISCJB Event type se. Error ellipse: s-maj=11.7km s-min=7.0km az=75.6.
 NEIC Event type se. Error ellipse: s-maj=9.4km s-min=5.2km az=132.0.
 MOS Error ellipse: s-maj=13.9km s-min=11.4km az=45.5.
 IDC Error ellipse: s-maj=17.1km s-min=10.9km az=131.0.

(171) South of Fiji Islands
 ISC III 29 17 19 54.6-41 27.53S-03 177.67W-08 203 4.5b 110 2-166
 CSEM III 29 17 19 34.7 26.87S 177.71W 33 5.5b
 MOS III 29 17 19 50.3-90 26.76S 177.85W 159 4.9b
 ISCJB III 29 17 19 52.9-40 27.43S-03 177.75W-08 201 4.5b
 NEIC III 29 17 19 55.5-33 26.82S 177.94W 196 4.8b

IDC	III	29 17 19 56.2-45	26.98S	177.96W	202-4	4.8,4.5			
ISC		Event type se.							
MOS		Error ellipse: s-maj=14.8km s-min=13.5km az=72.8.							
ISCJB		Event type se. Error ellipse: s-maj=9.8km s-min=4.3km az=21.9.							
NEIC		Event type se. Error ellipse: s-maj=10.8km s-min=9.2km az=151.0.							
IDC		Error ellipse: s-maj=10.4km s-min=8.8km az=95.0.							
(181) Fiji Islands region									
ISC	II	31 07 25 05.6-15	22.61S-03	177.64W-04	278	4.9b	260	7-171	
MOS	III	31 07 24 57.3-81	22.17S	177.75W	204	5.1b		¶10614254	
ORF	III	31 07 24 58.5	13.32S	178.70E	30	6.0b			
BJI	III	31 07 25 02.2	22.35S	176.75W	282	4.9b,4.8b			
SZGRF	III	31 07 25 02.9	23.36S	177.55W	300	4.9b,4.8b			
ISCJB	III	31 07 25 04.3-15	22.56S-03	177.71W-04	276	4.9b,4.8b			
HRVD	III	31 07 25 05.1-40	22.29S	177.34W	278-3	5.2W,4.8b			
IDC	III	31 07 25 05.9-66	22.39S	177.66W	277-6	5.2,4.7			
NEIC	III	31 07 25 05.1-11	22.60S	177.68W	276	5.0b,4.7			
BGS	III	31 07 25 09.3-4.4	22.60S	177.69W	276-0	5.0b,4.7			
ISC		Event type se.							
MOS		Error ellipse: s-maj=11.2km s-min=7.8km az=58.8.							
SZGRF		South of Fiji Islands.							
ISCJB		Event type se. Error ellipse: s-maj=5.9km s-min=3.3km az=56.8.							
HRVD		Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s36,c50; Mantle waves: s57,c76; Half duration: 0 Moment tensor: Scale 1016 Nm; M _r -0.18±.28 M _θ -0.63±.26; M _φ -4.81±.26; M _ψ -3.34±.30; M _η -3.18±.24; M _ξ -1.43±.29; Best double couple: NP1:φ=6.00000°,λ=43.00000°; NP2:φ=124.00000°,λ=856.00000°;λ=136.00000°. Principal axes: T 6.2760,Plg1.0000°,Azm245.0000°; N 0.6400,Plg37.0000°,Azm155.0000°; P -6.9170,Plg53.0000°,Azm336.0000°; M ₀ 6.59600×10 ¹⁶							
IDC		Error ellipse: s-maj=10.7km s-min=8.1km az=152.0.							
NEIC		Event type se. Error ellipse: s-maj=10.6km s-min=3.4km az=125.0.							
BGS		Error ellipse: s-maj=9.99km s-min=9.99km az=-1.0.							
(248) Philippine Islands region									
ISC	IV	01 01 01 47.1-97	4.87N-06	127.6E-10	102-8	4.5b	53	3-123	
ISCJB	IV	01 01 01 45.8-99	4.86N-06	127.6E-10	107-8	4.5b		¶18503713	
NEIC	IV	01 01 01 46.6-29	4.89N	127.64E	100	4.8b			
MOS	IV	01 01 01 46.2-66	4.88N	127.58E	112	4.9b			
MAN	IV	01 01 01 49.1	5.00N	127.46E	87	10.0s,4.4L			
IDC	IV	01 01 01 49.7-7.9	4.79N	127.61E	130-74	4.5,4.2			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=18.6km s-min=7.1km az=129.5.							
NEIC		Event type se. Error ellipse: s-maj=11.3km s-min=4.5km az=65.0.							
MOS		Error ellipse: s-maj=30.8km s-min=12.0km az=110.1.							
IDC		Error ellipse: s-maj=32.9km s-min=14.3km az=68.0.							
(153) South Sandwich Islands region									
ISC	IV	04 01 43 23.0-1.2	56.54S-05	27.0W-10	122-11	5.0b	95	6-161	
CSEM	IV	04 01 43 35.7	56.45S	26.93W	33	5.7b		¶18197992	
MOS	IV	04 01 43 31.1-1.1	56.52S	26.96W	96	5.2b			
IDC	IV	04 01 43 32.4-44	56.49S	27.07W	101-3	5.0,4.7			
ISCJB	IV	04 01 43 33.3-1.4	56.49S-05	26.9W-10	117-13	5.0b,4.7			
BJI	IV	04 01 43 34.5	56.50S	27.00W	123	5.3b,4.7			
HRVD	IV	04 01 43 35.5-20	56.69S	26.71W	107-1	5.3W,4.7			
NEIC	IV	04 01 43 35.5-21	56.51S	26.98W	123	5.2b,4.7			
ISC		Event type se.							
MOS		Error ellipse: s-maj=24.9km s-min=13.6km az=101.5.							
IDC		Error ellipse: s-maj=12.9km s-min=10.3km az=28.0.							
ISCJB		Event type se. Error ellipse: s-maj=11.4km s-min=6.6km az=100.4.							
HRVD		Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s69,c110; Mantle waves: s77,c133; Half duration: 1s2 Moment tensor: Scale 1017Nm; M _r -0.32±.03 M _θ -0.81±.03; M _φ -1.13±.03; M _ψ -0.66±.02; M _η -0.52±.03; M _ξ -0.07±.02; Best double couple: NP1:φ=334.00000°,λ=861.00000°; NP2:φ=235.00000°,λ=874.00000°;λ=150.00000°. Principal axes: T 1.3350,Plg32.0000°,Azm191.0000°; N -0.0370,Plg56.0000°,Azm30.0000°; P -1.2930,Plg9.0000°,Azm286.0000°; M ₀ 1.31400×10 ¹⁷							
NEIC		Event type se. Error ellipse: s-maj=8.8km s-min=5.9km az=47.0.							
(222) East of Kuril Islands									
ISC	IV	07 15 00 02.5-13	44.84N-02	150.30E-02	71	5.3b	1021	2-152	
NIED	IV	07 14 59 00.0	44.80N	150.40E	53	5.3W		¶10697601	
SKHL	IV	07 14 59 57.9-2.1	45.02N	150.53E	39-2	6.0b,5.7			
MOS	IV	07 14 59 57.2-94	44.85N	150.25E	36	5.6b,4.8s			
BJI	IV	07 14 59 59.3	45.08N	150.16E	43	5.3b,5.2b			
JMA	IV	07 14 59 59.6-30	44.84N	150.36E	30	5.1,5.2b			
ISCJB	IV	07 15 00 00.4-13	44.69N-03	150.35E-02	69	5.3b,5.2b			
NEIC	IV	07 15 00 02.1-13	44.88N	150.37E	65	5.5W,5.5b			
HRVD	IV	07 15 00 02.1-20	44.88N	150.58E	49-0	5.4W,5.5b			
IDC	IV	07 15 00 03.4-36	44.94N	150.23E	78-3	5.2,4.9			
BGS	IV	07 15 00 07.7-1.3	45.65N	150.61E	78-0	5.6b,4.9			
SZGRF	IV	07 15 00 12.9	46.46N	149.40E	82	5.5b,4.9			
ISC		Event type fe.							
NIED		Moment Tensor Solution. Best double couple: NP1:φ=188.00000°,λ=50.00000°; NP2:φ=79.00000°,λ=843.00000°;λ=155.00000°. M ₀ 6.66000×10 ¹⁶							
MOS		Error ellipse: s-maj=6.5km s-min=4.1km az=98.3.							
JMA		Event type fe. Error ellipse: s-maj=3.3km s-min=3.2km az=-1.0.							
ISCJB		Event type fe. Error ellipse: s-maj=3.9km s-min=1.8km az=141.1.							
NEIC		Event type fe. Error ellipse: s-maj=4.2km s-min=2.3km az=172.0. Recorded [1 JMA] in eastern Hokkaido. Moment Tensor Solution. s11 Moment tensor: Scale 1017Nm; M _r -0.96 M _θ -0.77 M _φ -1.73 M _ψ -1.68 M _η -0.90 M _ξ -0.72 Best double couple: NP1:φ=54.00000°,λ=876.00000°;λ=127.00000°. NP2:φ=162.00000°,λ=839.00000°;λ=23.00000°. Principal axes: T 2.5500,Plg46.0000°,Azm2.0000°; N -0.0400,Plg36.0000°,Azm224.0000°; P -2.5100,Plg22.0000°,Azm117.0000°; M ₀ 2.50000×10 ¹⁷							
HRVD		Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s70,c125; Mantle waves: s89,c178; Half duration: 1s2 Moment tensor: Scale 1017Nm; M _r -0.86±.03 M _θ -0.61±.02; M _φ -0.24±.03; M _ψ -0.65±.02; M _η -0.94±.02; M _ξ -0.32±.02; Best double couple: NP1:φ=199.00000°,λ=849.00000°;λ=38.00000°. NP2:φ=82.00000°,λ=862.00000°;λ=132.00000°. Principal axes: T 1.3970,Plg53.0000°,Azm43.0000°; N 0.0310,Plg36.0000°,Azm239.0000°; P -1.4280,Plg6.0000°,Azm143.0000°; M ₀ 1.41200×10 ¹⁷							
IDC		Error ellipse: s-maj=10.5km s-min=7.8km az=109.0.							
BGS		Error ellipse: s-maj=126.9km s-min=444.8km az=-1.0.							
SZGRF		Kuril Islands, Russia.							
(192) New Britain region									
ISC	IV	09 23 48 20.5-18	5.58S-03	147.85E-04	188	5.3b	198	4-154	
CSEM	IV	09 23 48 01.9	5.64S	148.20E	33	5.5b		¶10697647	
ISCJB	IV	09 23 48 18.6-18	5.54S-03	147.86E-04	186	5.3b			
BJI	IV	09 23 48 18.7	5.65S	148.13E	204	5.2b,5.0b			
HRVD	IV	09 23 48 19.5-30	5.69S	147.96E	191-3	5.1W,5.0b			
IDC	IV	09 23 48 19.4-65	5.59S	147.85E	186-5	5.4,5.0			
NEIC	IV	09 23 48 19.6-18	5.53S	147.86E	188	5.2b,5.0			
MOS	IV	09 23 48 19.1-93	5.52S	147.85E	192	5.3b,5.0			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=5.5km s-min=3.9km az=2.5.							
HRVD		Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s21,c24; Mantle waves: s70,c100; Half duration: 0 Moment tensor: Scale 1016 Nm; M _r -6.04±.19 M _θ -0.63±.02; M _φ -5.41±.23; M _ψ -0.22±.19; M _η -0.62±.24; M _ξ -0.81±.24; Best double couple: NP1:φ=354.00000°,λ=841.00000°;λ=89.00000°. NP2:φ=172.00000°,λ=849.00000°;λ=91.00000°. Principal axes: T 5.5480,Plg4.0000°,Azm263.0000°; N 0.5560,Plg1.0000°,Azm173.0000°; P -6.1010,Plg66.0000°,Azm69.0000°; M ₀ 5.82500×10 ¹⁶							
IDC		Error ellipse: s-maj=9.8km s-min=6.6km az=107.0.							
NEIC		Event type se. Error ellipse: s-maj=7.8km s-min=5.6km az=96.0.							
MOS		Error ellipse: s-maj=9.9km s-min=6.0km az=93.4.							
(224) Hokkaido region									
ISC	IV	10 11 25 59.5-10	43.65N-02	144.79E-02	122	5.3b	753	0-155	
BJI	IV	10 11 25 57.5	43.77N	144.77E	115	5.5b,5.2b		¶10697654	
SZGRF	IV	10 11 25 58.9	43.94N	145.69E	122	5.1b,4.2s			
MOS	IV	10 11 25 58.5-85	43.67N	144.77E	122	5.2b,4.2s			
BGS	IV	10 11 25 58.5-1.4	43.55N	145.34E	120-0	5.0b,4.2s			
ISCJB	IV	10 11 25 58.0-10	43.63N-02	144.83E-02	120	5.3b,4.2s			

NEIC	IV	10 11 25 59.6-09	43.69N	144.76E	120	5.3b,5.1W			
SKHL	IV	10 11 25 59.1-40	43.70N	144.87E	120-28	6.0,5.7b			
HRVD	IV	10 11 25 59.6-20	43.68N	144.84E	125-2	5.1W,5.7b			
IDC	IV	10 11 25 59.4-43	43.63N	144.95E	120-3	5.3,5.0			
JMA	IV	10 11 25 59.4-10	43.62N	144.91E	120-1	5.1,5.0			
NIED	IV	10 11 26 00	43.60N	144.90E	125	5.1W,5.0			
ISC		Event type fe.							
SZGRF		Hokkaido, Japan, region.							
MOS		Event type fe. Error ellipse: s-maj=6.4km s-min=4.0km az=101.3. Felt (II) at Yuzhno-Kuril'sk.							
BGS		Moment Tensor Solution. Error ellipse: s-maj=172.5km s-min=662.8km az=-1.0.							
ISCJB		Event type fe. Error ellipse: s-maj=2.6km s-min=1.8km az=112.2.							
NEIC		Event type fe. Error ellipse: s-maj=3.1km s-min=2.0km az=159.0. Felt (III) at Yuzhno-Kuril'sk, Kunashir. Recorded [3 JMA] in the Bekai area, [2 JMA] in eastern Hokkaido and [1 JMA] in south-central Hokkaido. Also recorded [1 JMA] in Aomori, Iwate and Miyagi Prefectures, Honshu. Moment Tensor Solution. M ₀ 5.60000×10 ¹⁶							
SKHL		Event type fe. Felt (II) at Yuzhno-Kuril'sk.							
HRVD		Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s43,c60; Mantle waves: s88,c165; Half duration: 0 Moment tensor: Scale 1016 Nm; M _r -3.53±.15 M _θ -1.94±.15; M _φ -5.47±.16; M _ψ -0.26±.11; M _η -1.69±.14; M _ξ -3.89±.13; Best double couple: NP1:φ=37.00000°,λ=830.00000°;λ=127.00000°. NP2:φ=176.00000°,λ=867.00000°;λ=171.00000°. Principal axes: T 5.2060,Plg63.0000°,Azm54.0000°; N 1.9590,Plg18.0000°,Azm183.0000°; P -7.1640,Plg19.0000°,Azm280.0000°; M ₀ 6.18500×10 ¹⁶							
IDC		Error ellipse: s-maj=7.8km s-min=6.8km az=174.0.							
JMA		Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution; P waves. NP1:φ=21.00000°,λ=828.00000°;λ=68.00000°. NP2:φ=225.00000°,λ=101.00000°. Principal axes: T Plg69.0000°,Azm158.0000°; N Plg10.0000°,Azm40.0000°; P Plg18.0000°,Azm307.0000°							
NIED		Moment Tensor Solution. Best double couple: NP1:φ=178.00000°,λ=864.00000°;λ=69.00000°. NP2:φ=38.00000°,λ=332.00000°;λ=126.00000°. M ₀ 5.58000×10 ¹⁶							
(171) South of Fiji Islands									
ISC	IV	14 03 30 18.3-14	26.74S-02	177.65W-04	159	5.2b	308	3-168	
SZGRF	IV	14 03 30 08.4	23.45S	178.37W	33	5.2b		¶10697749	
ORF	IV	14 03 30 14.2	25.94S	179.88E	30	6.2b			
ISCJB	IV	14 03 30 17.5-14	26.52S-02	177.71W-03	158	5.2b			
MOS	IV	14 03 30 17.5-1.0	25.91S	177.78W	143	5.2b			
BJI	IV	14 03 30 18.5	25.54S	177.17W	157	5.6b,5.4b			
HRVD	IV	14 03 30 20.9-20	25.99S	177.44W	167-1	5.5W,5.4b			
NEIC	IV	14 03 30 20.9-11	26.00S	177.81W	166	5.0b,5.4b			
IDC	IV	14 03 30 21.4-62	26.01S	177.77W	169-5	5.4,5.0			
ISC		Event type se.							
SZGRF		South of Fiji Islands.							
ISCJB		Event type se. Error ellipse: s-maj=4.5km s-min=2.0km az=64.2.							
MOS		Error ellipse: s-maj=9.3km s-min=7.7km az=84.7.							
HRVD		Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s70,c114; Mantle waves: s94,c186; Half duration: 1s4 Moment tensor: Scale 1017Nm; M _r -0.33±.04 M _θ -1.49±.04; M _φ -1.82±.04; M _ψ -1.13±.03; M _η -0.74±.04; M _ξ -1.34±.03; Best double couple: NP1:φ=127.00000°,λ=846.00000°;λ=172.00000°. NP2:φ=31.00000°,λ=884.00000°;λ=44.00000°. Principal axes: T 2.4720,Plg24.0000°,Azm87.0000°; N 0.1250,Plg46.0000°,Azm205.0000°; P -2.5990,Plg34.0000°,Azm339.0000°; M ₀ 2.53500×10 ¹⁷							
NEIC		Event type se. Error ellipse: s-maj=5.4km s-min=4.0km az=149.0.							
IDC		Error ellipse: s-maj=9.0km s-min=8.2km az=69.0.							
(221) Kuril Islands									
ISC	IV	14 03 43 08.7-13							

Table with columns: Station, Date, Time, Azimuth, Magnitude, Distance, etc. Includes stations like LDG, CSEM, ISCJB, etc.

ISC Event type ke. Error ellipse: s-maj=40.2km s-min=23.7km az=15.0.
ISCJB Event type ke. Error ellipse: s-maj=5.6km s-min=4.2km az=162.5.
IDC Error ellipse: s-maj=12.6km s-min=9.0km az=87.0.

NEIC Event type se. Error ellipse: s-maj=6.4km s-min=4.9km az=90.0.
MOS Error ellipse: s-maj=9.7km s-min=7.6km az=100.2.

(286) Flores region

Table with columns: Station, Date, Time, Azimuth, Magnitude, Distance, etc. Includes stations like ISC, CSEM, MOS, etc.

ISCJB Event type fe. Error ellipse: s-maj=4.9km s-min=3.0km az=136.6.
IDC Error ellipse: s-maj=7.8km s-min=5.2km az=57.0.
NEIC Event type fe. Error ellipse: s-maj=7.7km s-min=4.3km az=65.0. Felt [III] at Labuanbajo, Flores and [II] at Waingapu, Sumba.

(169) Samoa Islands region

Table with columns: Station, Date, Time, Azimuth, Magnitude, Distance, etc. Includes stations like ISC, MOS, ISCJB, etc.

MOS Error ellipse: s-maj=9.8km s-min=5.6km az=110.2.
ISCJB Event type fe. Error ellipse: s-maj=4.9km s-min=3.0km az=136.6.
IDC Error ellipse: s-maj=7.8km s-min=5.2km az=57.0.
NEIC Event type fe. Error ellipse: s-maj=7.7km s-min=4.3km az=65.0. Felt [III] at Labuanbajo, Flores and [II] at Waingapu, Sumba.

(706) Northern Sumatra

Table with columns: Station, Date, Time, Azimuth, Magnitude, Distance, etc. Includes stations like ISC, BJI, MOS, etc.

ISCJB Event type fe. Error ellipse: s-maj=12.1km s-min=5.7km az=90.6.
IDC Error ellipse: s-maj=20.1km s-min=11.0km az=139.0.
NEIC Event type se. Error ellipse: s-maj=8.5km s-min=3.6km az=142.0.
HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s.

(207) Eastern New Guinea region

Table with columns: Station, Date, Time, Azimuth, Magnitude, Distance, etc. Includes stations like ISC, MOS, BJI, etc.

ISCJB Event type fe. Error ellipse: s-maj=8.0km s-min=4.0km az=121.4.
ISCJB Event type fe. Error ellipse: s-maj=4.4km s-min=2.9km az=41.6.
SZGRF Northern Sumatra, Indonesia.
NEIC Event type fe. Error ellipse: s-maj=4.9km s-min=3.2km az=210.0. Felt [IV] at Meulaboh and [III] at Banda Aceh. Felt at Ayer Itam and Gelugor, Malaysia.

(186) Vanuatu Islands

Table with columns: Station, Date, Time, Azimuth, Magnitude, Distance, etc. Includes stations like ISC, BJI, MOS, etc.

ISCJB Event type fe. Error ellipse: s-maj=5.8km s-min=5.3km az=1.2.
NEIC Event type se. Error ellipse: s-maj=7.0km s-min=6.0km az=128.0.
IDC Error ellipse: s-maj=10.1km s-min=8.5km az=109.0.
MOS Error ellipse: s-maj=9.1km s-min=8.3km az=100.6.

NEIC : N 0.0760,Plg11.0000°, Azm6.0000°; P -1.7480,Plg1.0000°, Azm276.0000°; Ms1.70900x1018
Event type fe. Error ellipse: s-maj=4.8km s-min=3.9km az=99.0. Felt at Luganville, Moment Tensor Solution. Ms1.90000x1018 Moment Tensor Solution. s=37 Moment tensor; Scale 1018 Nm; Mr=1.59 Mw=0.20 Mw=1.79 Mw=0.32 Mw=0.25 Mw=0.21 Best double couple; NP1: phi=198.00000°, lambda=105.00000°, Azm105.00000°; NP2: phi=356.00000°, lambda=202.00000°, Azm202.00000°; Principal axes: T 1.6700,Plg78.0000°, Azm168.0000°; N 0.1700,Plg11.0000°, Azm8.0000°; P -1.8400,Plg4.0000°, Azm278.0000°; Ms1.80000x1018
Error ellipse: s-maj=11.1km s-min=9.7km az=16.0.
MOS Error ellipse: s-maj=7.3km s-min=6.8km az=101.6.
LDG Event type ke. Error ellipse: s-maj=40.1km s-min=10.5km az=86.0.

(259) Mindanao

Table with columns: Station, Date, Time, Azimuth, Magnitude, Distance, etc. Includes stations like ISC, ISCJB, MAN, etc.

(111) Northern Peru

Table with columns: Station, Date, Time, Azimuth, Magnitude, Distance, etc. Includes stations like ISC, ISCJB, NEIC, etc.

(177) Kermadec Islands region

Table with columns: Station, Date, Time, Azimuth, Magnitude, Distance, etc. Includes stations like ISC, MOS, IDC, etc.

ISCJB Event type se. Error ellipse: s-maj=12.6km s-min=7.3km az=123.0.
NEIC Event type fe. Error ellipse: s-maj=8.0km s-min=5.1km az=60.0. Felt [II] at Chachapoyas.
MOS Error ellipse: s-maj=11.5km s-min=9.0km az=90.8.
IDC Error ellipse: s-maj=18.1km s-min=9.5km az=59.0.

(153) South Sandwich Islands region

Table with columns: Station, Date, Time, Azimuth, Magnitude, Distance, etc. Includes stations like ISC, MOS, ISCJB, etc.

ISCJB Event type se. Error ellipse: s-maj=26.3km s-min=13.9km az=104.8.
ISCJB Event type se. Error ellipse: s-maj=13.3km s-min=8.2km az=80.8.
IDC Error ellipse: s-maj=14.6km s-min=11.5km az=45.0.
NEIC Event type se. Error ellipse: s-maj=10.3km s-min=6.5km az=218.0.

(186) Vanuatu Islands

Table with columns: Station, Date, Time, Azimuth, Magnitude, Distance, etc. Includes stations like ISC, CSEM, LDG, etc.

ISCJB Event type ke. Error ellipse: s-maj=81.7km s-min=41.2km az=177.0.
SZGRF Vanuatu Islands region.
ISCJB Event type ke. Error ellipse: s-maj=5.8km s-min=5.3km az=1.2.
NEIC Event type se. Error ellipse: s-maj=7.0km s-min=6.0km az=128.0.
IDC Error ellipse: s-maj=10.1km s-min=8.5km az=109.0.
MOS Error ellipse: s-maj=9.1km s-min=8.3km az=100.6.

(202) New Guinea

Table with columns: Station, Date, Time, Azimuth, Magnitude, Distance, etc. Includes stations like ISC, MOS, IDC, etc.

ISCJB Event type se. Error ellipse: s-maj=10.5km s-min=5.8km az=101.7.
IDC Error ellipse: s-maj=14.1km s-min=9.2km az=82.0.
ISCJB Event type se. Error ellipse: s-maj=4.9km s-min=3.0km az=131.2.
NEIC Event type se. Error ellipse: s-maj=5.3km s-min=3.3km az=76.0.
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s.

(171) South of Fiji Islands

Table with columns: Station, Date, Time, Azimuth, Magnitude, Distance, etc. Includes stations like ISC, CSEM, MOS, etc.

ISCJB	V	13 23 53 29.4-1.7	56.09S-05	27.7W-10	90-16	5.2b			
HRVD	V	13 23 53 31.8-20	56.32S	27.40W	90-2	5.1W			
NEIC	V	13 23 53 31.8-14	56.05S	27.61W	102	5.3b			
IDC	V	13 23 53 31.7	56.00S	27.60W	101	5.3b			
BJI	V	13 23 53 32.3-56	56.16S	27.74W	105-4	5.0,4.7			
ISC	Event type se.								
MOS	Error ellipse: s-maj=22.3km s-min=11.1km az=105.2.								
ISCJB	Event type se. Error ellipse: s-maj=12.1km s-min=6.5km az=107.6.								
HRVD	Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
	LP body waves: s44,c59; Mantle waves: s77,c112; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=3.17±16 Mm±2.67±17; Mm±0.50±16; Mw=2.24±11; Mw±2.56±14; Mw-1.75±10; Best double couple: NP1:φ=242.00000°,δ27.00000°,λ-82.00000°; NP2:φ=53.00000°,δ64.00000°,λ-94.00000°. Principal axes: T 5.3140,Plg18.0000°,AzM146.0000°; N -1.1780,Plg4.0000°,AzM55.0000°; P -4.1320,Plg17.0000°,AzM314.0000°; M4.72300×1016								
NEIC	Event type se. Error ellipse: s-maj=7.4km s-min=5.4km az=208.0.								
IDC	Error ellipse: s-maj=14.1km s-min=10.7km az=38.0.								
	(178) Kermadec Islands								
ISC	V	16 10 39 23.8-12	31.84S-02	179.16W-03	156	6.6b	532	3-176	
SZGRF	V	16 10 39 18.7	30.21S	177.60W	33	7.2b			¶10698463
GUC	V	16 10 39 19.6-2.1	31.81S	179.65E	150-0	7.4W,6.6b			
IDC	V	16 10 39 20.7-90	31.57S	179.17W	122-6	6.8S,6.8			
CRAAG	V	16 10 39 21.1	31.52S	179.33W	13	7.5W,6.8			
MOS	V	16 10 39 21.0-1.1	31.56S	179.16W	134	7.0S,6.7b			
ISCJB	V	16 10 39 22.3-11	31.80S-02	179.26W-03	154	6.6b,6.7b			
HRVD	V	16 10 39 23.3-10	31.41S	178.91W	151-0	7.4W,6.1W			
BGS	V	16 10 39 23.3	31.78S	179.31W	152	7.0S,6.7b			
BJI	V	16 10 39 23.3	31.80S	179.30W	151	7.5b,6.5b			
IGIL	V	16 10 39 23.3	31.60S	179.30W	149	7.5S,6.5b			
NEIC	V	16 10 39 23.3-09	31.81S	179.31W	152	7.4W,7.2			
WEL	V	16 10 39 24.8-20	31.80S	179.30W	152	7.6b,7.4L			
ISC	Event type se.								
SZGRF	Kermadec Islands, New Zealand.								
GUC	Error ellipse: s-maj=256.1km s-min=290.2km az=1.0.								
IDC	Error ellipse: s-maj=11.1km s-min=8.3km az=165.0.								
MOS	Error ellipse: s-maj=9.5km s-min=7.5km az=59.8.								
ISCJB	Event type se. Error ellipse: s-maj=4.1km s-min=2.6km az=65.7.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=150s. Centroid Moment Tensor Solution.								
	LP body waves: s116,c329; Mantle waves: s113,c582; Half duration: 12s7 Moment tensor: Scale 1020Nm; Mr=1.07±0.1 Mm±0.50±0.0; Mw=0.56±0.1; Mw-0.31±0.0; Mw±0.37±0.0; Mr-1.46±0.1; Best double couple: NP1:φ=129.00000°,δ19.00000°,λ58.00000°; NP2:φ=342.00000°,δ74.00000°,λ100.00000°. Principal axes: T 1.9280,Plg60.0000°,AzM266.0000°; N -0.3000,Plg10.0000°,AzM159.0000°; P -1.6260,Plg28.0000°,AzM64.0000°; M1.77700×1020								
NEIC	Event type se. Error ellipse: s-maj=6.6km s-min=3.5km az=124.0. Felt [III] at Christchurch and Wellington, New Zealand. Also felt at Auckland, Gisborne, Hastings, Napier, Tauranga and Wanganui, New Zealand. Also felt on Kapiti Island, New Zealand. Complex earthquake, with at least one larger event occurring about 7 seconds after the onset observed on broadband displacement seismograms. Focal mechanism and depth based on first event. Energy computed from BB mechanism. Moment Tensor Solution. M3.90000×1020 Moment Tensor Solution. s17 Moment tensor: Scale 1020Nm; Mr=1.32 Mm±0.14 Mm±1.46 Mm±0.2 Mm±0.32 Mm±0.78 Best double couple: NP1:φ=13.00000°,δ60.00000°,λ92.00000°; NP2:φ=189.00000°,δ30.00000°,λ86.00000°. Principal axes: T 1.5300,Plg75.0000°,AzM289.0000°; N 0.2000,Plg2.0000°,AzM192.0000°; P -1.7300,Plg15.0000°,AzM101.0000°; M1.60000×1020 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=195.00000°,δ20.00000°,λ90.00000°; NP2:φ=15.00000°,δ70.00000°,λ90.00000°. Principal axes: T Plg65.0000°,AzM285.0000°; N Plg0.0000°,AzM0.0000°; P Plg25.0000°,AzM105.0000°								
WEL	Event type fe. Felt between Auckland, Otago and Chatham Islands, maximum reported intensity, MM 5.								
	(182) Fiji Islands								
ISC	V	17 05 23 50.6-23	22.09S-04	176.86W-06	222	4.6b	143	7-171	
ORF	V	17 05 23 43.2	17.79S	179.43E	30	5.7b			¶18358198
MOS	V	17 05 23 44.0-97	21.71S	177.01W	165	4.6b			
SZGRF	V	17 05 23 49.5	22.91S	176.44W	228	4.6b			
ISCJB	V	17 05 23 49.1-22	22.05S-03	176.93W-05	220	4.6b			
NEIC	V	17 05 23 50.4-17	22.01S	176.91W	220	4.7b			
BJI	V	17 05 23 51.4	21.43S	177.26W	219	5.3b,4.7b			
IDC	V	17 05 23 51.2-64	21.78S	177.02W	221-6	5.0,4.6			
ISC	Event type se.								
MOS	Error ellipse: s-maj=13.2km s-min=9.6km az=52.9.								
SZGRF	South of Fiji Islands.								
ISCJB	Event type se. Error ellipse: s-maj=6.7km s-min=4.1km az=51.3.								
NEIC	Event type se. Error ellipse: s-maj=7.8km s-min=4.3km az=122.0.								
IDC	Error ellipse: s-maj=14.5km s-min=10.9km az=143.0.								
	(173) Tonga Islands								
ISC	V	18 19 21 28.6-1.8	15.95S-20	174.0W-10	94-18	4.5b	19	3-149	
IDC	V	18 19 21 16.0-73	15.72S	173.99W	0	4.7,4.4			¶18713702
MOS	V	18 19 21 21.7-1.5	15.28S	174.69W	33	5.8b,4.4			
ISCJB	V	18 19 21 27.3-1.9	15.95S-20	174.0W-20	100-20	4.5b,4.4			
NEIC	V	18 19 21 28.9-1.1	15.75S	174.04W	99-10	4.8b,4.4			
ISC	Event type se.								
IDC	Error ellipse: s-maj=41.9km s-min=19.3km az=139.0.								
MOS	Error ellipse: s-maj=45.1km s-min=16.0km az=155.5.								
ISCJB	Event type se. Error ellipse: s-maj=42.4km s-min=16.6km az=122.8.								
NEIC	Event type se. Error ellipse: s-maj=24.6km s-min=8.4km az=146.0.								
	(217) Kamchatka Peninsula								
ISC	V	22 13 08 02.2-08	54.33N-02	158.41E-02	190	6.2b	1536	1-163	
BJI	V	22 13 07 59.1	54.14N	158.92E	206	6.3b,6.3b			¶18344334
BGS	V	22 13 07 59.8-1.1	54.01N	159.39E	190-0	6.1b,6.3b			
ISCJB	V	22 13 08 00.7-08	54.30N-02	158.42E-02	188	6.2b,6.3b			
NIC	V	22 13 08 00.1-80	54.35N	158.46E	186	6.2b,6.3b			
MOS	V	22 13 08 00.6-88	54.26N	158.45E	189	6.3b,5.3s			
CRAAG	V	22 13 08 00.1	54.35N	158.46E	6	6.1b,5.3s			
KRSC	V	22 13 08 00.5-90	54.13N	158.81E	213-2	6.0L,5.3s			
HRVD	V	22 13 08 01.7-10	54.19N	158.87E	198-0	6.2W,5.3s			
IDC	V	22 13 08 02.5-31	54.32N	158.48E	193-2	6.2,5.7b			
NEIC	V	22 13 08 03.0-08	54.27N	158.45E	197	6.2W,6.2b			
SZGRF	V	22 13 08 06.0	54.54N	158.05E	210	6.9b,6.2b			
ISC	Event type fe.								
BGS	Error ellipse: s-maj=98.4km s-min=357.1km az=1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=2.3km s-min=1.7km az=121.2.								
NIC	Earthquake Kamchatka Peninsula, Russia 17 km E Sharomy.								
MOS	Event type fe. Error ellipse: s-maj=6.2km s-min=3.2km az=98.1. Felt [III] at Petropavlovsk-Kamchatskiy. Moment Tensor Solution.								
KRSC	Event type se.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.								
	LP body waves: s103,c192; Mantle waves: s112,c385; Half duration: 3s0 Moment tensor: Scale 1018Nm; Mr=1.24±0.2 Mm±1.05±0.2; Mw=0.19±0.2; Mw-1.25±0.2; Mw±0.50±0.2; Mr-1.68±0.2; Best double couple: NP1:φ=262.00000°,δ19.00000°,λ-51.00000°; NP2:φ=42.00000°,δ75.00000°,λ-102.00000°. Principal axes: T 2.3480,Plg29.0000°,AzM142.0000°; N 0.1870,Plg12.0000°,AzM45.0000°; P -2.5300,Plg58.0000°,AzM295.0000°; M2.43900×1018								
IDC	Error ellipse: s-maj=7.5km s-min=4.7km az=127.0.								
NEIC	Event type fe. Error ellipse: s-maj=2.6km s-min=1.8km az=3.0. Power and water services interrupted at Tilichiki. Felt [III] at Petropavlovsk-Kamchatskiy. Depth from broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s11 Moment tensor: Scale 1018Nm; Mr=1.69 Mm±0.91 Mm±0.79 Mm±0.92 Mm±2.21 Mm±1.32 Best double couple: NP1:φ=31.00000°,δ64.00000°,λ-109.00000°; NP2:φ=249.00000°,δ32.00000°,λ-57.00000°. Principal axes: T 3.5400,Plg17.0000°,AzM135.0000°; N -1.2700,Plg17.0000°,AzM39.0000°; P -2.2700,Plg66.0000°,AzM267.0000°; M2.90000×1018 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=259.00000°,δ18.00000°,λ-57.00000°; NP2:φ=45.00000°,δ75.00000°,λ-100.00000°. Principal axes: T Plg29.0000°,AzM143.0000°; N Plg0.0000°,AzM0.0000°; P Plg59.0000°,AzM301.0000°								
SZGRF	Kamchatka Peninsula, Russia.								
	(706) Northern Sumatra								
ISC	V	22 19 16 31.6-17	1.71N-03	99.56E-03	176	4.8b	280	1-161	

ORF	V	22 19 16 15.3	0.34N	98.27E	30	5.5b			¶8344335
SZGRF	V	22 19 16 18.0	1.74N	98.70E	33	5.0b			
BJI	V	22 19 16 24.7	1.03N	99.56E	180	4.7b,4.7b			
MOS	V	22 19 16 27.9-1.0	1.79N	99.60E	157	4.9b,4.7b			
ISCJB	V	22 19 16 29.6-17	1.69N-03	99.52E-03	174	4.8b,4.7b			
IDC	V	22 19 16 30.9-36	1.85N	99.74E	171-2	4.8,4.4b			
HRVD	V	22 19 16 31.9-40	1.81N	99.61E	176-3	5.0W,4.4b			
NEIC	V	22 19 16 31.9-66	1.74N	99.58E	181-6	4.9b,4.4b			
ISC	Event type se.								
SZGRF	Northern Sumatra, Indonesia.								
MOS	Error ellipse: s-maj=10.0km s-min=4.7km az=120.1.								
ISCJB	Event type se. Error ellipse: s-maj=4.8km s-min=3.4km az=94.9.								
IDC	Error ellipse: s-maj=12.2km s-min=6.3km az=50.0.								
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
	LP body waves: s11,c15; Mantle waves: s59,c89; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=0.93±17 Mm±2.67±16; Mm±3.59±18; Mw±1.09±12; Mw-1.19±16; Mw-2.45±15; Best double couple: NP1:φ=218.00000°,δ54.00000°,λ-1.00000°; NP2:φ=309.00000°,δ89.00000°,λ-144.00000°. Principal axes: T 4.9710,Plg24.0000°,AzM78.0000°; N -1.7830,Plg54.0000°,AzM310.0000°; P -3.1940,Plg26.0000°,AzM180.0000°; M4.08200×1016								
NEIC	Event type se. Error ellipse: s-maj=8.0km s-min=4.1km az=224.0.								
	(266) Northern Molucca Sea								
ISC	V	28 04 10 48.0-1.0	0.80N-04	126.92E-08	78-9	4.6b	82	5-164	
MOS	V	28 04 10 41.4-1.1	0.92N	126.98E	33	4.7b			¶18649701
ISCJB	V	28 04 10 45.4-1.1	0.83N-04	126.86E-09	70-10	4.6b			
IDC	V	28 04 10 45.6-2.3	0.78N	126.95E	54-19	4.7,4.6			
NEIC	V	28 04 10 45.4-1.8	0.81N	126.96E	54-17	4.8b,4.6			
BJI	V	28 04 10 45.4	0.37N	126.07E	79	5.8b,5.5s			
ISC	Event type se.								
MOS	Error ellipse: s-maj=22.9km s-min=7.4km az=105.5.								
ISCJB	Event type se. Error ellipse: s-maj=14.7km s-min=5.7km az=148.3.								
IDC	Error ellipse: s-maj=35.0km s-min=10.8km az=74.0.								
NEIC	Event type se. Error ellipse: s-maj=12.6km s-min=5.4km az=75.0.								
	(180) North of Fiji Islands								
ISC	V	30 14 18 46.1-17	18.94S-03	175.08W-04	127	5.0b	204	6-173	
BJI	V	30 14 18 43.2	18.53S	174.34W	126	5.3b,5.1b			¶18443035
ISCJB	V	30 14 18 44.3-17	18.91S-03	175.15W-04	125	5.0b,5.1b			
MOS	V	30 14 18 46.2-2.6	18.33S	175.50W	108	5.0b,5.1b			
IDC	V	30 14 18 48.7-64	18.98S	175.15W	158-5	5.2,4.8			
ORF	V	30 14 18 49.1	12.73S	177.07W	30	5.5b,4.8			
NEIC	V	30 14 18 49.0-17	18.87S	175.16W	155	4.9b,4.8			
HRVD	V	30 14 18 49.0-20	18.83S	174.64W	162-1	5.2W,4.8			
SZGRF	V	30 14 18 49.2	19.49S	175.79W	160	5.2W,4.8			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=5.5km s-min=4.1km az=76.2.								
MOS	Error ellipse: s-maj=9.2km s-min=7.5km az=76.3.								
IDC	Error ellipse: s-maj=10.6km s-min=8.6km az=132.0.								
NEIC	Event type se. Error ellipse: s-maj=7.6km s-min=4.6km az=145.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=								

M ₀ 4.21800×10 ¹⁸									
SZGRF	Shikoku, Japan.								
(221) Kuril Islands									
ISC	VI	14 03 11 00.0-44	44.51N-04	148.18E-05	103-3	4.5b	299	1-153	
NIED	VI	14 03 11 00.0	44.10N	148.10E	89	4.2W			18481018
MOS	VI	14 03 11 08.9-93	44.51N	148.08E	102	4.6b			
ISCJB	VI	14 03 11 08.9-44	44.50N-04	148.19E-04	104-3	4.5b			
BJI	VI	14 03 11 08.7	44.58N	148.10E	99	4.9b,4.8b			
SKHL	VI	14 03 11 09.8-2.1	44.55N	148.33E	87-7	6.9b,4.8b			
NEIC	VI	14 03 11 09.7-68	44.45N	148.14E	102-6	4.5b,4.8b			
IDC	VI	14 03 11 11.8-2.2	44.53N	148.13E	117-19	4.5,4.3			
JMA	VI	14 03 11 11.8-40	44.15N	148.14E	106	4.9,4.3			
ISC Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=206.00000°,δ70.00000°,λ-85.00000°; NP2:φ=11.00000°,δ21.00000°,λ-104.00000°; M ₀ 2.04000×10 ¹⁵								
MOS	Event type fe. Error ellipse: s-maj=9.2km s-min=5.2km az=112.3. Felt (III) at Goryachiye Klyuchi, Gornoy; (II-III) at Kuril'sk, Reidovo. Moment Tensor Solution.								
ISCJB	Event type fe. Error ellipse: s-maj=7.2km s-min=4.2km az=112.8.								
SKHL	Event type fe. Felt (III) at Kuril'sk, Reidovo, (II) at Gornoy, Goryachiye Kluchi.								
NEIC	Event type fe. Error ellipse: s-maj=6.0km s-min=4.9km az=165.0. Felt (III) at Gornoye, Goryachiye Klyuchi, Kuril'sk and Reidovo.								
IDC	Error ellipse: s-maj=13.9km s-min=12.3km az=144.0.								
JMA	Error ellipse: s-maj=3.3km s-min=4.0km az=-1.0.								
(248) Philippine Islands region									
ISC	VI	14 17 54 18.6-38	20.45N-03	121.82E-09	88-8	4.0b	33	2-55	
NEIC	VI	14 17 54 15.5-89	20.25N	122.38E	35	4.0b			19221970
ISCJB	VI	14 17 54 17.3-37	20.47N-03	121.82E-08	95-9	4.0b			
JMA	VI	14 17 54 18.5-30	20.41N	122.12E	55	3.9			
MAN	VI	14 17 54 20.3	20.29N	121.69E	78	7.9s,4.4L			
ISC Event type se.									
NEIC	Event type se. Error ellipse: s-maj=40.7km s-min=10.7km az=79.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.5km s-min=3.3km az=26.7.								
JMA	Error ellipse: s-maj=3.3km s-min=5.2km az=-1.0.								
(153) South Sandwich Islands region									
ISC	VI	16 19 55 23.2-1.5	56.69S-06	26.4W-10	94-15	4.9b	47	6-151	
CSEM	VI	16 19 55 14.1	56.64S	26.34W	33	5.8b			18474893
MOS	VI	16 19 55 17.3-93	56.58S	26.31W	52	5.1b			
ISCJB	VI	16 19 55 21.6-1.8	56.60S-06	26.4W-10	92-17	4.9b			
IDC	VI	16 19 55 23.4-47	56.65S	26.52W	97-3	5.0,4.7			
NEIC	VI	16 19 55 26.1-1.8	56.64S	26.44W	122-16	5.0b,4.7			
BJI	VI	16 19 55 26.0	56.60S	26.40W	121	5.1b,4.7			
ISC Event type se.									
MOS	Error ellipse: s-maj=27.2km s-min=12.8km az=100.5.								
ISCJB	Event type se. Error ellipse: s-maj=12.0km s-min=8.3km az=84.0.								
IDC	Error ellipse: s-maj=13.6km s-min=9.1km az=15.0.								
NEIC	Event type se. Error ellipse: s-maj=7.8km s-min=6.1km az=208.0.								
(263) Talaud Islands									
ISC	VI	17 17 42 30.9-1.1	5.4N-10	126.3E-10	127-16	3.5b	13	2-56	
IDC	VI	17 17 42 17.3-2.0	5.17N	125.63E	0	3.8,3.7b			19509262
MAN	VI	17 17 42 24.7	4.99N	126.40E	82	5.9s,4.9L			
ISCJB	VI	17 17 42 29.7-99	5.5N-10	126.3E-10	139-15	3.5b,4.9L			
(277) Jawa									
ISC	VI	21 07 11 10.1-7.0	8.42S-08	110.60E-09	100-5	4.7b	63	1-152	
BJI	VI	21 07 10 59.0	8.50S	110.50E	10	5.0b,4.7b			18750600
NEIC	VI	21 07 10 59.1-24	8.46S	110.48E	10	4.8b,4.7b			
MOS	VI	21 07 11 01.1-75	8.37S	110.52E	33	5.5b,4.7b			
ISCJB	VI	21 07 11 08.9-69	8.40S-08	110.64E-09	106-5	4.7b,4.7b			
IDC	VI	21 07 11 08.8-64	8.44S	110.54E	85-5	4.4,4.2			
ISC Event type fe.									
NEIC	Event type fe. Error ellipse: s-maj=12.3km s-min=5.6km az=54.0. Felt (III) at Yogyakarta and (II) at Karangates, Ngawi, Ponorogo and Sawahan.								
MOS	Error ellipse: s-maj=18.5km s-min=9.8km az=112.6.								
ISCJB	Event type fe. Error ellipse: s-maj=18.0km s-min=7.4km az=93.3.								
IDC	Error ellipse: s-maj=20.5km s-min=12.0km az=55.0.								
(107) Ecuador									
ISC	VI	21 12 40 58.9-26	1.88S-03	77.32W-03	159-2	5.1b	628	1-157	
ORF	VI	21 12 40 50.0	0.76S	76.48W	30	5.5b			110699037
IGQ	VI	21 12 40 54.8	2.14S	77.41W	180-7	4.9b,4.8s			
IDC	VI	21 12 40 56.6-1.0	1.91S	77.47W	146-9	5.1,4.8			
ISCJB	VI	21 12 40 58.2-26	1.89S-03	77.42W-03	170-2	5.1b,4.8			
MOS	VI	21 12 40 59.7-1.6	1.90S	77.40W	169	5.5b,4.8			
BJI	VI	21 12 40 59.6	1.90S	77.40W	169	4.8b,4.8			
HRVD	VI	21 12 40 59.7-30	2.06S	77.42W	166-2	5.3W,4.8			
NEIC	VI	21 12 40 59.7-16	1.86S	77.36W	170	5.2b,4.8			
SZGRF	VI	21 12 41 14.7	0.48N	75.22W	170	5.6b,4.8			
ISC Event type fe.									
IGQ	Error ellipse: s-maj=8.3km s-min=5.3km az=41.1.								
IDC	Error ellipse: s-maj=12.4km s-min=7.2km az=78.0.								
ISCJB	Event type fe. Error ellipse: s-maj=5.5km s-min=3.7km az=68.4.								
MOS	Error ellipse: s-maj=48.9km s-min=25.6km az=107.1.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s27.c37; Mantle waves: s70.c128; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} -0.55±0.04 M _{θθ} -0.09±0.04; M _{φφ} 0.64±0.04; M _{rr} 0.81±0.03; M _{θθ} 0.64±0.04; M _{φφ} -0.31±0.04; Best double couple: NP1:φ=185.00000°,δ36.00000°,λ-29.00000°; NP2:φ=299.00000°,δ74.00000°,λ-122.00000°. Principal axes: T 1.2860,Plg22.0000°,AzM53.0000°; N -0.1100,Plg31.0000°,AzM309.0000°; P -1.1760,Plg51.0000°,AzM172.0000°; M ₀ 1.23100×10 ¹⁷								
NEIC	Event type fe. Error ellipse: s-maj=4.6km s-min=2.8km az=218.0. Felt at Guayaquil.								
SZGRF	Colombia-Ecuador border region.								
(221) Kuril Islands									
ISC	VI	22 10 53 12.9-08	45.42N-02	149.31E-01	106	6.1b	1840	1-155	
NIED	VI	22 10 53 00.0	44.80N	149.50E	101	6.1W			110699048
CRAAG	VI	22 10 53 03.3	45.45N	149.50E	95	6.4b			
BGS	VI	22 10 53 10.7	45.60N	151.39E	95	6.2b			
MOS	VI	22 10 53 10.7-1.1	45.43N	149.29E	99	6.1b,5.2s			
BJI	VI	22 10 53 10.6	45.52N	149.42E	105	6.0b,5.9b			
ISCJB	VI	22 10 53 11.0-08	45.30N-02	149.41E-01	104	6.1b,5.9b			
HRVD	VI	22 10 53 11.6-10	45.37N	149.52E	105-0	6.0W,5.9b			
SKHL	VI	22 10 53 11.5-1.8	45.40N	149.60E	89-31	6.8,6.7			
IDC	VI	22 10 53 12.0-33	45.41N	149.28E	102-2	5.9,5.6			
NEIC	VI	22 10 53 11.6-09	45.42N	149.34E	95	6.1,6.1b			
SZGRF	VI	22 10 53 13.2	46.95N	148.36E	33	6.7b,5.4s			
JMA	VI	22 10 53 14.0-50	44.80N	149.51E	111	5.8,5.4s			
ISC Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=254.00000°,δ85.00000°,λ-98.00000°; NP2:φ=136.00000°,δ9.00000°,λ-29.00000°; M ₀ 1.44000×10 ¹⁸								
MOS	Event type fe. Error ellipse: s-maj=6.1km s-min=3.4km az=107.2. Felt (IV) at Kuril'sk, (II-III) at Yuzhno-Kuril'sk. Moment Tensor Solution.								
ISCJB	Event type fe. Error ellipse: s-maj=2.3km s-min=1.3km az=137.3.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s106.c256; Mantle waves: s114.c350; Half duration: 2s3 Moment tensor: Scale 10 ¹⁸ Nm; M _{rr} -0.21±0.01 M _{θθ} 0.39±0.01; M _{φφ} -0.17±0.01; M _{rr} 0.91±0.1; M _{θθ} 0.05±0.01; M _{φφ} 0.42±0.01; Best double couple: NP1:φ=130.00000°,δ15.00000°,λ-26.00000°; NP2:φ=246.00000°,δ84.00000°,λ-103.00000°. Principal axes: T 1.0840,Plg37.0000°,AzM347.0000°; N -0.0510,Plg13.0000°,AzM247.0000°; P -1.0330,Plg50.0000°,AzM141.0000°; M ₀ 1.05900×10 ¹⁸								
IDC	Error ellipse: s-maj=10.3km s-min=7.4km az=107.0.								
NEIC	Event type fe. Error ellipse: s-maj=2.8km s-min=2.0km az=169.0. Felt (IV) at Kuril'sk, Iturup and (III) at Yuzhno-Kuril'sk, Kunashir. Felt at Misawa, Honshu. Recorded [2 JMA] in eastern Hokkaido and [1 JMA] in south-central Hokkaido. Also recorded [2 JMA] in Aomori, Iwate and Miyagi Prefectures, Honshu. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s67 Moment tensor: Scale 10 ¹⁸ Nm; M _{rr} -0.09 M _{θθ} 0.27 M _{φφ} -0.18 M _{rr} 1.11 M _{θθ} -0.21 M _{φφ} 0.39 Best double couple: NP1:φ=251.00000°,δ88.00000°,λ-105.00000°; NP2:φ=152.00000°,δ15.00000°,λ-9.00000°. Principal axes: T 1.2200,Plg41.0000°,AzM355.0000°; N -0.0100,Plg15.0000°,AzM252.0000°; P -1.2100,Plg45.0000°,AzM146.0000°; M ₀ 1.20000×10 ¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=142.00000°,δ16.00000°,λ-19.00000°; NP2:φ=250.00000°,δ85.00000°,λ-105.00000°. Principal axes: T Plg38.0000°,AzM353.0000°; N Plg0.0000°,AzM0.0000°; P Plg48.0000°,AzM144.0000°								

SZGRF	Northwest of Kuril Islands, Russia.									
JMA	Event type fe. Error ellipse: s-maj=3.3km s-min=4.7km az=-1.0.									
(181) Fiji Islands region										
ISC	VI	23 21 50 39.8-1.5	20.74S-07	176.12W-05	62-13	5.1b	212	8-172		
SZGRF	VI	23 21 50 32.4	21.44S	176.93W	18	5.0b			18650703	
HRVD	VI	23 21 50 34.3-10	20.77S	175.91W	18-0	5.4W				
NEIC	VI	23 21 50 34.3-6.6	20.74S	176.18W	22-45	5.3b,4.9s				
BGS	VI	23 21 50 34.8-2.3	20.58S	176.24W	19-0	5.3b,4.9s				
BJI	VI	23 21 50 35.5	20.35S	175.93W	18	5.3b,5.1s				
ISCJB	VI	23 21 50 36.9-1.7	20.75S-07	176.11W-05	51-15	5.1b,4.9s				
MOS	VI	23 21 50 38.4-3.2	20.60S	176.05W	33	5.4b,4.8s				
IDC	VI	23 21 50 44.8-7.8	20.67S	176.22W	108-66	4.7s,4.7				
ORF	VI	23 21 50 53.9	15.69S	176.87E	30	5.7b,4.7				
ISC Event type se.										
SZGRF	Fiji Islands region.									
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s68.c116; Mantle waves: s108.c193; Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} -0.22±0.02 M _{θθ} -1.17±0.02; M _{φφ} 1.39±0.02; M _{rr} -0.49±0.05; M _{θθ} -0.21±0.02; M _{φφ} 0.13±0.04; Best double couple: NP1:φ=38.00000°,δ70.00000°,λ-12.00000°; NP2:φ=133.00000°,δ79.00000°,λ-159.00000°. Principal axes: T 1.4240,Plg6.0000°,AzM264.0000°; N -0.0370,Plg66.0000°,AzM160.0000°; P -1.3880,Plg23.0000°,AzM357.0000°; M ₀ 1.40600×10 ¹⁷									
NEIC	Event type se. Error ellipse: s-maj=11.4km s-min=8.4km az=144.0.									
BGS	Error ellipse: s-maj=226.0km s-min=999.9km az=-1.0.									
ISCJB	Event type se. Error ellipse: s-maj=12.3km s-min=6.4km az=122.1.									
MOS	Error ellipse: s-maj=11.7km s-min=9.5km az=56.0.									
IDC	Error ellipse: s-maj=25.1km s-min=20.8km az=86.0.									
(221) Kuril Islands										
ISC	VI	25 12 33 15.0-31	44.14N-04	146.59E-04	91-3	4.3b	269	1-150		
NIED	VI	25 12 33 00.0	44.00N	146.80E	86	4.4W			110699101	
SZGRF	VI	25 12 33 05.4	43.35N	146.85E	33	4.3b				
BJI	VI	25 12 33 11.9	44.19N	146.70E	90	5.0b,4.8b				
MOS	VI	25 12 33 12.3-1.0	44.05N	146.71E	86	4.3b,4.8b				
NEIC	VI	25 12 33 13.8-20	44.11N	146.58E	83	4.3b,4.8b				
ISCJB	VI	25 12 33 13.8-31	44.13N-03	146.64E-03	93-3	4.3b,4.8b				
JMA	VI	25 12 33								

Table with columns for station name, coordinates, and seismic data. Includes stations like IDC, HRVD, NEIC, and MOS.

Table with columns for station name, coordinates, and seismic data. Includes stations like NEIC, IDC, BJI, and MOS.

MAJOR DEEP FOCUS EARTHQUAKES h>300km,M>=5

Table (181) Fiji Islands region. Columns include station name, date, time, magnitude, depth, and location. Includes stations like IDC, HRVD, NEIC, and MOS.

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Table (171) South of Fiji Islands. Columns include station name, date, time, magnitude, depth, and location. Includes stations like IDC, HRVD, NEIC, and MOS.

Table (181) Fiji Islands region. Columns include station name, date, time, magnitude, depth, and location. Includes stations like IDC, HRVD, NEIC, and MOS.

Table (279) Flores Sea. Columns include station name, date, time, magnitude, depth, and location. Includes stations like IDC, HRVD, NEIC, and MOS.

Table (181) Fiji Islands region. Columns include station name, date, time, magnitude, depth, and location. Includes stations like IDC, HRVD, NEIC, and MOS.

Table (171) South of Fiji Islands. Columns include station name, date, time, magnitude, depth, and location. Includes stations like IDC, HRVD, NEIC, and MOS.

SZGRF I 23 13 16 37.3 23.87S 177.03E 556 5.6W,4.6b
 BGS I 23 13 16 42.1-2.4 25.33S 178.32W 600-0 5.3b,4.6b
 ISC Event type se.
 MOS Error ellipse: s-maj=11.1km s-min=10.3km az=48.5.
 IDC Error ellipse: s-maj=8.0km s-min=6.4km az=9.0.
 ISCJB Event type se. Error ellipse: s-maj=6.7km s-min=4.6km az=122.4.
 NEIC Event type se. Error ellipse: s-maj=6.6km s-min=5.2km az=130.0.
 HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 Centroid Moment Tensor Solution. LP body waves: s67,c123;Half duration: 1s6
 Moment tensor: Scale 10¹⁷Nm; Mr=0.62±0.07 Mm=2.18±.10; Mw=1.56±.10; Mo=0.63±.11;
 M0=1.66±.09; M2=2.29±.10; Best double couple: NP1:φ=250.00000°; λ=169.00000°;
 NP2:φ=153.00000°; λ=82.00000°; λ=43.00000°. Principal axes: T 3.3970,Plg22.0000°
 Azm209.0000°; N 0.1780,Plg46.0000°; Azm324.0000°; P -3.5780,Plg36.0000°
 Azm102.0000°; M0=3.48700×10¹⁷

SZGRF South of Fiji Islands.
 BGS Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.
 (265) Minahassa Peninsula, Sulawesi
 ISC I 27 16 58 54.4-10 5.45S-02 128.19E-02 404 6.8b 671 9-170
 SZGRF I 27 16 57 49.9 5.00S 127.86E 350 6.8b
 ORF I 27 16 58 26.6 1.25N 123.91E 30 6.9b
 DHMR I 27 16 58 47.0 5.59S 128.55E 332 7.0b
 NIC I 27 16 58 47.4-40 5.51S 128.19E 340 7.0b
 CRAAG I 27 16 58 47.4 5.51S 128.19E 378-3 7.0,6.3b
 IIGL I 27 16 58 48.8 5.40S 128.10E 342 7.3s
 IDC I 27 16 58 51.8-37 5.42S 128.15E 378-3 7.0,6.3b
 BJI I 27 16 58 51.6 5.37S 128.29E 393 7.0b,6.7b
 MOS I 27 16 58 51.5-1.1 5.38S 128.23E 389 7.0b,6.7b
 ISCJB I 27 16 58 52.7-09 5.47S-02 128.23E-02 404 6.8b,6.7b
 HRVD I 27 16 58 53.7-10 5.61S 128.20E 397-1 7.6W,6.7b
 NEIC I 27 16 58 53.7-07 5.47S 128.13E 397 7.5W,7.5

ISC Event type se.
 SZGRF Banda Sea.
 NIC Earthquake Banda Sea 180 km NW Batumerah.
 IDC Error ellipse: s-maj=6.7km s-min=4.7km az=56.0.
 MOS Error ellipse: s-maj=8.4km s-min=4.6km az=115.7. Moment Tensor Solution.
 Broadband fault plane solution: P waves. NP1:φ=65.00000°; λ=32.00000°; NP2:
 φ=182.00000°; λ=119.00000°. Principal axes: T 1.9660,Plg23.0000°; Azm294.0000°
 N 1.9628,Plg28.0000°; Azm191.0000°; P 1.9653,0000°; Azm57.0000°
 ISCJB Event type se. Error ellipse: s-maj=3.5km s-min=1.8km az=122.1.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, nsta2 refers to
 mantle waves, cutoff=150s. Centroid Moment Tensor Solution. Mantle waves: s78,c207;
 Half duration: 16s0 Moment tensor: Scale 10²⁰Nm; Mr=2.42±0.1 Mm=0.62±0.02; M0=3.04±0.02;
 M0=1.17±0.01; Mw=1.12±0.02; Mw=1.49±0.01; Best double couple: NP1:φ=43.00000°; λ=20.00000°;
 NP2:φ=169.00000°; λ=123.00000°. Principal axes: T 3.5830,Plg11.0000°; Azm282.0000°; N 0.0690,Plg29.0000°; Azm185.0000°
 P -3.5100,Plg58.0000°; Azm31.0000°; M0=3.54700×10²⁰

NEIC Event type se. Error ellipse: s-maj=3.8km s-min=2.2km az=51.0. Felt [V] on Ambon; [IV] at
 Kupang, Saumlaki, Sorong, Tual, and Waingapu; [III] at Makassar, Indonesia. Felt at
 Denpasar, Felt [IV] at Dili, East Timor; [III] at Darwin and [II] at Palmerston, Australia. Felt [III
 PIVS] at Marawi and [II PIVS] at Davao, Philippines. Also felt at Jabiru, Howard Springs and
 Humpty Doo-MacMinnis Lagoon, Australia. Complex event observed on broadband
 displacement seismograms. A small event is followed by a larger event about 7 seconds
 later. Depth based on first event. Depth from broadband displacement seismograms. Energy
 computed from BB mechanism. Moment Tensor Solution. s19 Moment tensor: Scale 10²⁰
 Nm; Mr=1.96 Mm=0.29 Mm=2.25 Mm=1.02 Mm=0.70 Mm=0.99 Best double couple: NP1:
 φ=39.00000°; λ=42.00000°; λ=47.00000°. NP2:φ=168.00000°; λ=122.00000°. Principal axes: T 2.5500,Plg10.0000°; Azm280.0000°; N 0.1800,Plg27.0000°; Azm185.0000°
 P -2.7200,Plg61.0000°; Azm28.0000°; M2=6.00000×10²⁰ Moment Tensor Solution.
 M0=3.80000×10²⁰ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:
 φ=165.00000°; λ=135.00000°. NP2:φ=48.00000°; λ=39.00000°. Principal axes: T 1.9650,Plg5.0000°; Azm285.0000°; N 1.9600,Plg0.0000°; Azm0.0000°; P 1.9652,0000°
 Azm21.0000°

(181) Fiji Islands region
 ISC I 29 11 44 38.8-78 16.81S-05 177.37W-04 367-8 4.8b 140 6-176
 ORF I 29 11 43 39.0 17.16S 176.49W 30 6.2b
 SZGRF I 29 11 43 41.5 16.29S 176.60W 398 6.2b
 MOS I 29 11 44 13.0-1.3 16.66S 177.41W 317 4.9b
 ISCJB I 29 11 44 17.6-78 16.85S-04 177.39W-04 369-8 4.8b
 BJI I 29 11 44 20.5 16.14S 177.54W 367 5.0b,4.8b
 IDC I 29 11 44 21.2-53 16.91S 177.41W 391-5 5.1,4.5
 NEIC I 29 11 44 21.3-16 16.82S 177.43W 394 4.9b,4.5
 HRVD I 29 11 44 21.3-50 16.95S 177.14W 407-2 5.2W,4.5
 BGS I 29 11 44 23.1-3.9 16.81S 177.42W 400-0 4.9b,4.5
 ISC Event type se.
 SZGRF Fiji Islands region.
 MOS Error ellipse: s-maj=10.8km s-min=10.5km az=67.8.
 ISCJB Event type se. Error ellipse: s-maj=7.8km s-min=5.3km az=96.3.
 IDC Error ellipse: s-maj=11.2km s-min=9.7km az=124.0.
 NEIC Event type se. Error ellipse: s-maj=8.9km s-min=5.5km az=141.0.
 HRVD Error ellipse: s-maj=4.4km s-min=6.7km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 Centroid Moment Tensor Solution. LP body waves: s42,c60;Half duration: 1s0
 Moment tensor: Scale 10¹⁶Nm; Mr=5.06±0.33 Mm=0.59±0.64; Mw=5.65±.54; M0=3.55±.55;
 M0=3.45±.49; Mw=0.46±.59; Best double couple: NP1:φ=184.00000°; λ=45.00000°;
 NP2:φ=309.00000°; λ=125.00000°. Principal axes: T 7.4820,Plg9.0000°
 Azm63.0000°; N -0.3240,Plg30.0000°; Azm328.0000°; P -7.1570,Plg58.0000°
 Azm168.0000°; M0=7.32000×10¹⁶

BGS Error ellipse: s-maj=559.6km s-min=999.9km az=-1.0.
 (182) Fiji Islands
 ISC I 30 21 52 37.5-1.1 20.28S-08 178.17W-07 530-12 4.5b 80 9-173
 SZGRF I 30 21 51 34.9 22.78S 177.66W 33 4.5b
 ORF I 30 21 51 51.3 17.79S 179.43E 30 5.7b
 ISCJB I 30 21 52 35.6-97 20.26S-08 178.20W-07 517-11 4.5b
 BJI I 30 21 52 37.9 19.80S 178.11W 531 4.7b,4.5b
 NEIC I 30 21 52 38.7-1.4 20.35S 178.23W 546-15 4.6b,4.5b
 MOS I 30 21 52 42.0-1.9 18.88S 179.02W 511 4.8b,4.5b
 IDC I 30 21 52 42.9-2.3 20.25S 178.37W 586-25 4.8,4.1
 ISC Event type se.
 SZGRF South of Fiji Islands.
 ISCJB Event type se. Error ellipse: s-maj=13.6km s-min=7.6km az=107.3.
 NEIC Event type se. Error ellipse: s-maj=12.1km s-min=9.3km az=145.0.
 MOS Error ellipse: s-maj=28.6km s-min=16.5km az=119.1.
 IDC Error ellipse: s-maj=16.8km s-min=11.5km az=151.0.

(181) Fiji Islands region
 ISC II 01 18 28 49.5-19 22.22S-05 179.59W-04 604 5.2b 217 7-171
 NAO II 01 18 27 28.2 27.42S 179.88W 500 4.5b
 CSEM II 01 18 27 51.5 21.62S 179.39W 33 6.1b
 MOS II 01 18 28 45.8-1.4 22.02S 179.64W 570 5.2b
 BJI II 01 18 28 48.8 21.74S 179.48W 598 5.4b,5.1b
 ISCJB II 01 18 28 48.0-18 22.23S-04 179.63W-04 602 5.2b,5.1b
 IDC II 01 18 28 48.4-51 22.20S 179.66W 590-5 5.7,4.8b
 NEIC II 01 18 28 48.7-12 22.19S 179.65W 600 5.2b,4.8b
 HRVD II 01 18 28 48.7-50 22.06S 179.55W 600-2 5.4W,4.8b
 SZGRF II 01 18 28 49.1 22.41S 178.39W 616 5.4W,4.8b
 BGS II 01 18 28 52.7-6.1 22.19S 179.65W 600-0 5.2b,4.8b
 ISC Event type se.
 MOS Error ellipse: s-maj=10.7km s-min=9.2km az=97.6.
 ISCJB Event type se. Error ellipse: s-maj=5.5km s-min=4.2km az=148.3.
 IDC Error ellipse: s-maj=8.6km s-min=7.1km az=169.0.
 NEIC Event type se. Error ellipse: s-maj=5.6km s-min=4.4km az=153.0.
 HRVD Error ellipse: s-maj=4.4km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 Centroid Moment Tensor Solution. LP body waves: s60,c88;Half duration: 1s2
 Moment tensor: Scale 10¹⁷Nm; Mr=0.41±0.04 Mm=0.26±0.07; Mw=0.67±0.07; M0=0.18±0.07;
 M0=0.31±0.06; Mw=1.31±0.06; Best double couple: NP1:φ=128.00000°; λ=619.00000°;
 λ=148.00000°. NP2:φ=8.00000°; λ=80.00000°; λ=74.00000°. Principal axes: T 1.5610,Plg33.0000°; Azm84.0000°; N -0.1810,Plg16.0000°; Azm185.0000°
 P -1.3800,Plg52.0000°; Azm297.0000°; M0=1.47000×10¹⁷

SZGRF South of Fiji Islands.
 BGS Error ellipse: s-maj=537.7km s-min=999.9km az=-1.0.
 (181) Fiji Islands region
 ISC II 02 12 48 43.9-10 17.83S-02 178.28W-03 600 6.0b 589 7-167
 NAO II 02 12 47 24.9 18.47S 178.58W 600 5.8b

ORF II 02 12 47 44.3 15.59S 178.74W 30 7.3b
 MOS II 02 12 48 41.4-94 17.64S 178.37W 580 6.0b,5.5s
 ISCJB II 02 12 48 42.4-10 17.83S-02 178.33W-03 598 6.0b,5.5s
 BJI II 02 12 48 42.7 17.48S 177.85W 610 6.5,5.9b
 IDC II 02 12 48 43.3-32 17.90S 178.34W 592-3 6.5,5.6b
 HRVD II 02 12 48 43.4-10 17.75S 178.13W 612-0 6.7W,5.6b
 NEIC II 02 12 48 43.4-07 17.75S 178.39W 598 6.7W,6.3
 CRAAG II 02 12 48 44.1 17.44S 178.42W 6.7W,6.3
 SZGRF II 02 12 48 47.2 17.31S 177.70W 611 6.7W,6.3

ISC Event type se.
 MOS Error ellipse: s-maj=8.6km s-min=6.3km az=67.2.
 ISCJB Event type se. Error ellipse: s-maj=3.4km s-min=2.3km az=45.9.
 IDC Error ellipse: s-maj=6.8km s-min=5.5km az=146.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=50s.
 nsta2 refers to mantle waves, cutoff=125s. Centroid Moment Tensor Solution.
 LP body waves: s99,c258; Mantle waves: s93,c190;Half duration: 5s5 Moment tensor: Scale 10¹⁶Nm; Mr=0.89±0.01 Mm=0.16±0.01; Mw=0.73±0.01; M0=0.15±0.01; Mw=0.80±0.01; Mw=0.92±0.01;
 Best double couple: NP1:φ=244.00000°; λ=39.00000°. NP2:φ=7.00000°
 φ=67.00000°; λ=121.00000°. Principal axes: T 1.4960,Plg17.0000°; Azm119.0000°
 N -0.0430,Plg28.0000°; Azm20.0000°; P -1.4540,Plg56.0000°; Azm236.0000°
 M0=1.47500×10¹⁶

NEIC Event type se. Error ellipse: s-maj=4.8km s-min=2.4km az=110.0. Depth from broadband
 displacement seismograms. Energy computed from BB mechanism. Moment Tensor
 Solution. Ms=5.0000×10¹⁸ Moment Tensor Solution. s54 Moment tensor: Scale 10¹⁹Nm;
 Mr=0.00 Mm=0.00 Mm=0.00 Mm=0.00 Mm=0.00 Best double couple: NP1:φ=11.00000°
 φ=62.00000°; λ=120.00000°. NP2:φ=242.00000°; λ=47.00000°. Principal axes:
 T 1.3900,Plg12.0000°; Azm122.0000°; N -0.0200,Plg27.0000°; Azm26.0000°
 P -1.3700,Plg61.0000°; Azm234.0000°; M0=1.40000×10¹⁹ Moment Tensor Solution.
 Broadband fault plane solution: P waves. NP1:φ=249.00000°; λ=43.00000°. NP2:
 φ=15.00000°; λ=120.00000°. Principal axes: T 1.9650,Plg15.0000°; Azm226.0000°
 N 1.9600,Plg0.0000°; Azm0.0000°; P 1.9659,0000°; Azm242.0000°

SZGRF Fiji Islands region.
 (181) Fiji Islands region
 ISC II 03 14 20 49.9-55 17.88S-04 178.57W-03 569-6 5.1b 301 8-175
 NAO II 03 14 19 38.4 18.47S 178.58W 480 4.6b
 SZGRF II 03 14 19 49.8 17.96S 178.09W 33 5.1b
 CSEM II 03 14 19 53.3 18.08S 178.38W 33 5.9b
 MOS II 03 14 20 48.7-1.1 17.75S 178.61W 567 5.2b
 BJI II 03 14 20 48.8 17.44S 178.59W 555 5.3b,5.0b
 ISCJB II 03 14 20 48.6-60 17.89S-04 178.64W-03 569-7 5.1b,5.0b
 IDC II 03 14 20 49.7-84 17.95S 178.52W 575-9 5.6,4.8b
 NEIC II 03 14 20 49.6-50 17.91S 178.61W 573-5 5.1b,4.8b
 HRVD II 03 14 20 49.6-30 17.92S 178.43W 594-2 5.4W,4.8b

ISC Event type se.
 SZGRF Fiji Islands region.
 MOS Error ellipse: s-maj=10.6km s-min=9.5km az=91.1.
 ISCJB Event type se. Error ellipse: s-maj=6.6km s-min=4.1km az=131.5.
 IDC Error ellipse: s-maj=10.0km s-min=7.4km az=141.0.
 NEIC Event type se. Error ellipse: s-maj=5.7km s-min=3.7km az=147.0.
 HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 Centroid Moment Tensor Solution. LP body waves: s61,c100;Half duration: 1s2
 Moment tensor: Scale 10¹⁷Nm; Mr=0.37±0.04 Mm=1.44±0.06; Mw=0.77±0.07; M0=0.21±0.06;
 M0=0.55±0.06; Mw=0.91±0.06; Best double couple: NP1:φ=66.00000°; λ=163.00000°;
 NP2:φ=326.00000°; λ=39.00000°. Principal axes: T 1.4140,Plg16.0000°
 Azm21.0000°; N 0.1190,Plg49.0000°; Azm130.0000°; P -1.5360,Plg37.0000°; Azm278.0000°
 M0=1.47500×10¹⁷

(181) Fiji Islands region
 ISC II 04 07 41 34.4-80 18.18S-07 178.77W-07 542-10 4.4b 84 8-175
 NAO II 04 07 40 29.2 18.47S 178.58W 33 4.8b
 SZGRF II 04 07 40 37.4 18.06S 177.32W 33 4.8b
 CSEM II 04 07 40 38.7 18.05S 178.24W 33 5.5b
 ISCJB II 04 07 41 33.3-81 18.19S-07 178.84W-07 539-10 4.4b
 BJI II 04 07 41 33.6 18.04S 178.11W 566 4.8b,4.7b
 NEIC II 04 07 41 34.8-77 18.17S 178.81W 546-9 4.2b,4.7b
 MOS II 04 07 41 35.0-1.4 17.82S 179.04W 540 4.8b,4.7b
 IDC II 04 07 41 38.2-1.6 18.30S 178.86W 590-18 4.9,4.1

ISC Event type se.
 SZGRF Fiji Islands region.
 Event type se. Error ellipse: s-maj=12.6km s-min=7.1km az=99.5.
 Event type se. Error ellipse: s-maj=11.5km s-min=6.9km az=144.0.
 MOS Error ellipse: s-maj=15.2km s-min=12.8km az=159.8.
 IDC Error ellipse: s-maj=11.8km s-min=8.9km az=136.0.

(171) South of Fiji Islands
 ISC II 05 12 29 48.0-20 26.21S-03 178.33E-04 638 4.9b 256 8-173
 NAO II 05 12 28 44.8 25.04S 179.52W 570 5.3b
 ORF II 05 12 28 54.3 24.87S 173.23E 30 5.9b
 MOS II 05 12 29 45.0-2.6 26.04S 178.30E 596 5.1b
 SZGRF II 05 12 29 46.6 26.27S 178.67E 619 5.1b
 ISCJB II 05 12 29 47.5-19 26.18S-02 178.23E-05 634 4.9b
 BJI II 05 12 29 47.2 25.67S 178.29E 616 5.2b,4.9b
 IDC II 05 12 29 48.6-56 26.09S 178.20E 628-5 5.2,4.4
 HRVD II 05 12 29 48.3-20 26.10S 178.25E 638-2 5.4W,4.4
 NEIC II 05 12 29 48.3-13 26.14S 178.28E 632 4.9b,4.4

ISC Event type se.
 MOS Error ellipse: s-maj=14.9km s-min=11.0km az=103.2.
 SZGRF South of Fiji Islands.
 ISCJB Event type se. Error ellipse: s-maj=5.3km s-min=3.1km az=3.3.
 IDC Error ellipse: s-maj=9.4km s-min=9.2km az=83.0.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 Centroid Moment Tensor Solution. LP body waves: s73,c110;Half duration: 1s3
 Moment tensor: Scale 10¹⁷Nm; Mr=0.27±0.04 Mm=0.74±0.06; Mw=0.46±0.06; M0=0.97±0.05;
 M0=0.19±0.05; Mw=1.19±0.05; Best double couple: NP1:φ=310.00000°; λ=823.00000°; λ=9.00000°;
 NP2:φ=47.00000°; λ=113.00000°. Principal axes: T 1.4720,Plg38.0000°
 Azm158.0000°; N 0.3540,Plg23.0000°; Azm49.0000°; P -1.8250,Plg44.0000°; Azm295.0000°
 M0=1.64900×10¹⁷

NEIC Event type se. Error ellipse: s-maj=7.1km s-min=2.9km az=94.0.
 (279) Flores Sea
 ISC II 09 00 05 08.6-17 7.75S-03 121.69E-04 369 5.3b 310 7-168
 NAO II 09 00 04 27.8 8.00S 122.00E 33 4.8b
 MOS II 09 00 05 01.6-95 7.61S 121.59E 310 5.4b
 BJI II 09 00 05 04.0 8.07S 122.21E 375 5.4b,4.8b
 CSEM II 09 00 05 04.6 7.68S 121.63E 342 5.5b,4.8b
 ISCJB II 09 00 05 06.9-17 7.74S-03 121.65E-04 367 5.3b,4.8b
 IDC II 09 00 05 08.1-91 7.68S 121.67E 362-8 5.5,4.9
 NEIC II 09 00 05 08.3-65 7.69S 121.65E 366-6 5.5b,4.9

ISC Event type se.
 MOS Error ellipse: s-maj=9.0km s-min=5.3km az=113.3.
 ISCJB Event type se. Error ellipse: s-maj=5.0km s-min=3.4km az=131.8.
 IDC Error ellipse: s-maj=9.8km s-min=6.0km az=61.0.
 NEIC Event type se. Error ellipse: s-maj=6.1km s-min=4.0km az=54.0. Felt [III] at Waingapu,
 Sumba.

(181) Fiji Islands region
 ISC II 16 22 53 20.1-83 19.89S-05 178.09W-04 561-10 4.8b 215 8-173
 NAO II 16 22 52 11.8 18.47S 178.58W 33 5.3b
 SZGRF II 16 22 53 16.4 20.77S 177.87W 33 5.3b
 BJI II 16 22 53 16.9 19.80S 178.10W 535 4.9b,4.7b
 NEIC II 16 22 53 18.0-91 19.82S 178.08W 536-10 4.8b,4.7b
 ISCJB II 16 22 53 18.1-95 19.92S-05 178.14W-05 552-12 4.8b,4.7b
 MOS II 16 22 53 19.7-98 19.50S 178.23W 558 4.8b,4.7b
 IDC II 16 22 53 20.1-1.3 19.87S 178.03W 568-14 5.3,4.5

ISC Event type se.
 SZGRF Fiji Islands region.
 NEIC Event type se. Error ellipse: s-maj=11.1km s-min=5.7km az=150.0.
 ISCJB Event type se. Error ellipse: s-maj=8.8km s-min=5.2km az=111.5.
 MOS Error ellipse: s-maj=12.5km s-min=8.8km az=46.8.
 IDC Error ellipse: s-maj=15.2km s-min=9.6km az=148.0.
 (171) South of Fiji Islands
 ISC II 20 08 45 02.3-83 21.91S-05 179.69E-05 615-11 4.7b 149 8-171
 NAO II 20 08 43 47.7 24.80S 177.65W 600 4.1b
 SZGRF II 20 08 43 51.7 23.42S 178.29W 33 4.1b
 CSEM II 20 08 44 01.0 21.46S 179.91E 33 5.7b

ORF	II	20 08 44 18.8	14.25S	171.56E	30	5.9b			
MOS	II	20 08 44 56.9-1.8	20.62S	179.45E	503	4.6b			
BJI	II	20 08 45 00.0	21.90S	179.70E	611	4.9b,4.6b			
ISCJB	II	20 08 45 01.0-82	21.97S-06	179.67E-05	616-11	4.7b,4.6b			
NEIC	II	20 08 45 01.9-1.0	21.88S	179.71E	611-12	4.7b,4.6b			
IDC	II	20 08 45 03.8-1.0	22.01S	179.58E	639-10	4.9,4.1			
ISC	Event type se.								
SZGRF	South of Fiji Islands.								
MOS	Error ellipse: s-maj=12.1km s-min=10.2km az=142.6.								
ISCJB	Event type se. Error ellipse: s-maj=9.0km s-min=6.5km az=137.7.								
NEIC	Event type se. Error ellipse: s-maj=11.8km s-min=7.5km az=145.0.								
IDC	Error ellipse: s-maj=12.0km s-min=9.2km az=151.0.								
(171) South of Fiji Islands									
ISC	II	22 08 16 15.6-98	23.58S-06	179.58W-08	517-13	4.9b	66	6-170	
NAO	II	22 08 15 16.2	25.04S	179.52W	33	3.4b			¶18192984
IDC	II	22 08 16 15.7-1.8	23.62S	179.67W	520-16	4.8,4.1			
NEIC	II	22 08 16 16.7-7.4	23.58S	179.63W	534-9	5.1b,4.1			
ISCJB	II	22 08 16 18.4-1.0	23.68S-07	179.79W-09	562-13	4.9b,4.1			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
(181) Fiji Islands region									
ISC	II	24 14 15 45.2-10	18.04S-02	179.53W-03	623	5.8b	520	9-175	
NAO	II	24 14 14 27.4	18.47S	178.58W	520	4.9b			¶18106597
CSEM	II	24 14 14 44.8	17.90S	179.24W	33	6.5b			
MOS	II	24 14 15 42.9-88	17.85S	179.58W	601	5.9b			
ISCJB	II	24 14 15 44.0-10	18.04S-02	179.57W-02	621	5.7b			
IDC	II	24 14 15 44.7-39	17.98S	179.54W	614-3	6.1,5.2b			
BJI	II	24 14 15 44.2	17.38S	179.54W	600	5.4b,5.4b			
SZGRF	II	24 14 15 45.5	18.02S	178.13W	635	5.4b,5.4b			
CRAAG	II	24 14 15 45.8	17.87S	179.72E	600	6.0W,5.4b			
NEIC	II	24 14 15 45.2-08	18.00S	179.59W	622	6.0W,5.9b			
HRVD	II	24 14 15 45.2-10	17.94S	179.42W	641-0	6.1W,5.9b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=7.8km s-min=6.1km az=59.7.								
ISCJB	Event type se. Error ellipse: s-maj=3.3km s-min=2.6km az=79.5.								
IDC	Error ellipse: s-maj=6.3km s-min=5.8km az=168.0.								
SZGRF	Fiji Islands region.								
NEIC	Event type se. Error ellipse: s-maj=4.2km s-min=2.6km az=123.0. Depth from broadband displacement seismograms. Energy computed from CMT mechanism. Moment Tensor Solution. s39 Moment tensor: Scale 10 ¹⁸ Nm; M _{rr} -0.26 M _{θθ} 0.80 M _{φφ} 0.54 M _{rr} 0.65 M _{θθ} 0.12 M _{φφ} 0.09 Best double couple: NP1:φ=315.0000°; λ=61.00000°; NP2:φ=53.00000°; λ=830.00000°; λ=171.00000°. Principal axes: T 1.2200,Plg34.0000°; Azm21.0000°; N 0.3900,Plg29.0000°; Azm133.0000°; P -1.6200,Plg42.0000°; Azm253.0000°; M ₁ 1.40000×10 ¹⁸								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to mantle waves, cutoff=125s. Centroid Moment Tensor Solution. LP body waves: s106.c235; Mantle waves: s76.c89; Half duration: 266 Moment tensor: Scale 10 ¹⁸ Nm; M _{rr} 0.52±0.1 M _{θθ} 1.05±0.1; M _{φφ} 0.53±0.2; M _{rr} 0.80±0.1; M _{θθ} 0.03±0.1; M _{φφ} 1.18±0.1; Best double couple: NP1:φ=58.00000°; λ=31.00000°; NP2:φ=312.00000°; λ=880.00000°; λ=60.00000°. Principal axes: T 1.5050,Plg29.0000°; Azm18.0000°; N 0.3220,Plg30.0000°; Azm126.0000°; P -1.8250,Plg46.0000°; Azm253.0000°; M ₁ 1.66500×10 ¹⁸								
(171) South of Fiji Islands									
ISC	II	26 03 08 28.2-10	23.67S-02	179.95W-02	534	5.8b	589	6-170	
NAO	II	26 03 07 26.5	25.31S	179.15E	460	5.9b			¶18106656
CRAAG	II	26 03 07 29.5	24.38S	179.56E	6.4b				
ORF	II	26 03 07 30.6	23.65S	179.88E	30	6.7b			
MOS	II	26 03 08 26.0-77	23.38S	179.99W	512	6.0b,5.4s			
ISCJB	II	26 03 08 27.1-10	23.60S-02	179.99E-03	533	5.8b,5.4s			
HRVD	II	26 03 08 27.8-10	23.59S	179.82W	554-0	6.4W,5.4s			
BJI	II	26 03 08 27.2	23.24S	179.36W	542	5.5b,5.3b			
NEIC	II	26 03 08 27.8-07	23.61S	179.99W	535	6.4W,5.9			
IDC	II	26 03 08 28.3-31	23.56S	179.99W	532-2	6.2,5.4b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=7.9km s-min=6.3km az=64.0.								
ISCJB	Event type se. Error ellipse: s-maj=3.2km s-min=2.1km az=45.8.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to mantle waves, cutoff=125s. Centroid Moment Tensor Solution. LP body waves: s110.c281; Mantle waves: s95.c164; Half duration: 368 Moment tensor: Scale 10 ¹⁸ Nm; M _{rr} 3.22±0.3 M _{θθ} 1.09±0.4; M _{φφ} 2.13±0.4; M _{rr} 0.22±0.4; M _{θθ} 2.18±0.4; M _{φφ} 2.82±0.4; Best double couple: NP1:φ=61.00000°; λ=35.00000°; NP2:φ=194.00000°; λ=865.00000°; λ=65.00000°. Principal axes: T 4.6450,Plg62.0000°; Azm65.0000°; N -0.1730,Plg22.0000°; Azm205.0000°; P -4.4710,Plg17.0000°; Azm302.0000°; M ₄ 5.58000×10 ¹⁸								
NEIC	Event type se. Error ellipse: s-maj=4.2km s-min=2.3km az=114.0. Depth from broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M ₃₃ 3.00000×10 ¹⁸ Moment Tensor Solution. s45 Moment tensor: Scale 10 ¹⁸ Nm; M _{rr} 3.77 M _{θθ} 0.83 M _{φφ} 2.94 M _{rr} 0.52 M _{θθ} 1.26 M _{φφ} 2.94 Best double couple: NP1:φ=185.00000°; λ=865.00000°; λ=74.00000°. NP2:φ=39.00000°; λ=330.00000°. Principal axes: T 5.0300,Plg67.0000°; Azm66.0000°; N -0.6900,Plg14.0000°; Azm192.0000°; P -4.3400,Plg18.0000°; Azm287.0000°; M ₄ 7.00000×10 ¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=5.00000°; λ=20.00000°; NP2:φ=185.00000°; λ=870.00000°; λ=90.00000°. Principal axes: T Plg65.0000°; Azm95.0000°; N Plg0.0000°; Azm0.0000°; P Plg25.0000°; Azm275.0000°								
IDC	Error ellipse: s-maj=6.9km s-min=6.1km az=4.0.								
(171) South of Fiji Islands									
ISC	II	26 04 54 34.2-1.9	23.85S-10	179.98E-07	544-23	4.3b	57	13-169	
NAO	II	26 04 53 32.0	25.13S	179.44W	33	3.9b			¶18193165
ISCJB	II	26 04 54 34.2-1.9	23.75S-10	179.85E-07	550-24	4.3b			
NEIC	II	26 04 54 34.9-1.2	23.87S	179.97E	557-14	4.4b			
BJI	II	26 04 54 34.9	23.90S	180.00E	557	5.1b,4.9b			
IDC	II	26 04 54 35.7-2.1	23.96S	179.99W	566-24	4.7,3.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=16.0km s-min=8.7km az=149.0.								
NEIC	Event type se. Error ellipse: s-maj=14.8km s-min=6.8km az=169.0.								
IDC	Error ellipse: s-maj=28.9km s-min=12.4km az=161.0.								
(280) Banda Sea									
ISC	II	26 19 27 28.6-40	7.03S-02	125.21E-04	540-5	5.5b	336	8-164	
BJI	II	26 19 27 20.7	7.62S	125.64E	525	5.8b,5.0b			¶18106687
NAO	II	26 19 27 23.9	7.00S	125.00E	500	5.0b,5.0b			
MOS	II	26 19 27 26.0-89	6.90S	125.10E	516	5.5b,5.0b			
NEIC	II	26 19 27 27.2-09	6.99S	125.12E	526	5.5b,5.0b			
HRVD	II	26 19 27 27.2-30	6.91S	125.38E	540-2	5.3W,5.0b			
ISCJB	II	26 19 27 28.4-40	7.01S-02	125.16E-04	553-5	5.5b,5.0b			
IDC	II	26 19 27 29.1-68	7.01S	125.13E	545-7	5.7,4.9b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=9.5km s-min=5.4km az=110.9.								
NEIC	Event type se. Error ellipse: s-maj=4.7km s-min=3.0km az=63.0.								
HRVD	Error ellipse: s-maj=5.6km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s61.c93; Half duration: 151 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} -0.39±0.4 M _{θθ} 0.06±0.4; M _{φφ} 0.33±0.6; M _{rr} -0.90±0.5; M _{θθ} 0.53±0.6; M _{φφ} 0.14±0.5; Best double couple: NP1:φ=184.00000°; λ=830.00000°; λ=157.00000°. NP2:φ=73.00000°; λ=878.00000°; λ=62.00000°. Principal axes: T 1.0990,Plg28.0000°; Azm141.0000°; N 0.0330,Plg28.0000°; Azm247.0000°; P -1.1320,Plg49.0000°; Azm14.0000°; M ₁ 1.16000×10 ¹⁷								
ISCJB	Event type se. Error ellipse: s-maj=5.7km s-min=3.4km az=146.3.								
IDC	Error ellipse: s-maj=8.7km s-min=5.6km az=65.0.								
(171) South of Fiji Islands									
ISC	II	26 20 04 24.0-69	23.51S-05	179.73W-06	543-8	4.8b	114	6-170	
NAO	II	26 20 03 17.2	26.20S	179.39W	470	4.3b			¶18335770
SZGRF	II	26 20 03 23.2	24.69S	179.76W	33	4.3b			
MOS	II	26 20 04 22.8-3.2	23.17S	179.98W	502	4.9b			
ISCJB	II	26 20 04 24.1-68	23.56S-04	179.78W-06	557-9	4.8b			
HRVD	II	26 20 04 24.2-1.2	23.41S	179.64W	571-9	5.2b			
NEIC	II	26 20 04 24.2-67	23.32S	179.77W	546-8	5.0b			
BJI	II	26 20 04 24.2	23.30S	179.80W	546	5.4b,4.8b			
IDC	II	26 20 04 24.8-95	23.33S	179.80W	550-9	5.1,4.3			
ISC	Event type se.								
SZGRF	South of Fiji Islands.								
MOS	Error ellipse: s-maj=12.5km s-min=11.1km az=166.0.								

ISCJB	Event type se. Error ellipse: s-maj=8.6km s-min=6.1km az=42.9.								
HRVD	Error ellipse: s-maj=14.5km s-min=11.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s25.c27; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -1.19±0.64 M _{θθ} 5.03±1.21; M _{φφ} 3.84±1.08; M _{rr} 1.00±1.21; M _{θθ} 2.13±1.04; M _{φφ} -5.91±8.3; Best double couple: NP1:φ=7.00000°; λ=84.00000°; λ=168.00000°. NP2:φ=328.00000°; λ=82.00000°; λ=47.00000°. Principal axes: T 6.5710,Plg24.0000°; Azm26.0000°; N 2.0820,Plg43.0000°; Azm140.0000°; P -8.6530,Plg38.0000°; Azm276.0000°; M ₇ 6.12000×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=10.4km s-min=6.6km az=157.0.								
IDC	Error ellipse: s-maj=11.7km s-min=10.5km az=147.0.								
(171) South of Fiji Islands									
ISC	III	01 19 08 27.7-20	24.35S-03	179.62E-04	537	4.8b	157	5-169	
CSEM	III	01 19 07 36.5	23.65S	179.70E	33	5.5b			¶10595344
MOS	III	01 19 08 25.0-1.5	24.00S	179.58E	508	5.1b			
ISCJB	III	01 19 08 26.8-1.9	24.24S-03	179.56E-05	536	4.8b			
BJI	III	01 19 08 26.7	24.00S	179.91E	539	4.9b,4.8b			
NEIC	III	01 19 08 27.8-18	24.23S	179.60E	537	4.8b,4.8b			
IDC	III	01 19 08 27.6-57	24.22S	179.56E	535-6	5.2,4.4b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=10.2km s-min=9.8km az=130.2.								
ISCJB	Event type se. Error ellipse: s-maj=5.5km s-min=4.0km az=7.9.								
NEIC	Event type se. Error ellipse: s-maj=6.7km s-min=5.6km az=128.0.								
IDC	Error ellipse: s-maj=10.1km s-min=8.0km az=1.0.								
(181) Fiji Islands region									
ISC	III	02 15 24 57.4-14	18.06S-03	178.38W-03	613	5.2b	316	8-175	
BJI	III	02 15 24 55.6	17.88S	177.70W	631	5.0b,4.9b			¶10595878
MOS	III	02 15 24 55.6-1.1	17.91S	178.43W	601	5.4b,4.9b			
ISCJB	III	02 15 24 55.9-14	18.04S-04	178.44W-03	611	5.2b,4.9b			
IDC	III	02 15 24 56.3-40	18.03S	178.42W	606-4	5.6,4.7			
NEIC	III	02 15 24 57.1-12	18.02S	178.41W	612	5.3b,4.7			
HRVD	III	02 15 24 57.1-30	18.00S	178.24W	633-2	5.5W,4.7			
BGS	III	02 15 24 59.2-2.8	17.85S	178.51W	617-0	5.3b,4.7			
SZGRF	III	02 15 25 00.6	17.31S	176.99W	630	5.3b,4.7			
ISC	Event type se.								
MOS	Error ellipse: s-maj=9.0km s-min=6.7km az=51.9.								
ISCJB	Event type se. Error ellipse: s-maj=5.0km s-min=3.3km az=123.5.								
IDC	Error ellipse: s-maj=8.9km s-min=6.3km az=139.0.								
NEIC	Event type se. Error ellipse: s-maj=6.0km s-min=3.4km az=142.0.								
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s79.c130; Half duration: 154 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} -0.45±0.4 M _{θθ} 1.09±0.7; M _{φφ} 0.64±0.7; M _{rr} 0.89±0.7; M _{θθ} -1.07±0.6; M _{φφ} 1.79±0.7; Best double couple: NP1:φ=73.00000°; λ=833.00000°; λ=168.00000°. NP2:φ=333.00000°; λ=884.00000°; λ=57.00000°. Principal axes: T 2.5580,Plg31.0000°; Azm37.0000°; N -0.2110,Plg32.0000°; Azm149.0000°; P -2.3470,Plg42.0000°; Azm274.0000°; M ₂ 4.52000×10 ¹⁷								
BGS	Error ellipse: s-maj=723.4km s-min=999.9km az=-1.0.								
SZGRF	Fiji Islands region.								
(171) South of Fiji Islands									
ISC	III	03 12 54 18.5-59	21.09S-06	179.04W-04	622-8	4.9b	142	8-172	
SZGRF	III	03 12 53 07.5	22.80S	177.98W	33	5.1b			¶10596570
CSEM	III	03 12 53 16.6	20.63S	178.38W	33	5.8b			
ISCJB	III	03 12 54 17.2-56	21.09S-05	179.07W-04	623-8	4.9b			

Table with columns for station ID, coordinates, and parameters. Includes stations like ISCJB, MOS, BJI, NEIC, IDC, and SZGRF.

(220) Northwest of Kuril Islands

Table with columns for station ID, coordinates, and parameters. Includes stations like SZGRF, NIED, MOS, JMA, ISCJB, HRVD, NEIC, IDC, and SZGRF.

(280) Banda Sea

Table with columns for station ID, coordinates, and parameters. Includes stations like ISCJB, MOS, BJI, ISCJB, NEIC, HRVD, IDC, and SZGRF.

(232) Western Honshu

Table with columns for station ID, coordinates, and parameters. Includes stations like ISCJB, NIED, MOS, BJI, MOS, NEIC, JMA, IDC, and SZGRF.

(171) South of Fiji Islands

Table with columns for station ID, coordinates, and parameters. Includes stations like ISCJB, MOS, NEIC, JMA, IDC, and SZGRF.

(181) Fiji Islands region

Table with columns for station ID, coordinates, and parameters. Includes stations like SZGRF, CSEM, CRAAG, MOS, BJI, ISCJB, HRVD, IDC, and SZGRF.

(212) Bonin Islands region

Table with columns for station ID, coordinates, and parameters. Includes stations like SZGRF, MOS, ISCJB, HRVD, IDC, and SZGRF.

Table with columns for station ID, coordinates, and parameters. Includes stations like ISC, ORF, NIED, BJI, ISCJB, JMA, NEIC, HRVD, MOS, IDC, and SZGRF.

Table with columns for station ID, coordinates, and parameters. Includes stations like ISC, NIED, ISCJB, JMA, NEIC, HRVD, MOS, IDC, and SZGRF.

(216) Mariana Islands

Table with columns for station ID, coordinates, and parameters. Includes stations like ISC, MOS, ISCJB, BJI, NEIC, HRVD, IDC, and SZGRF.

(280) Banda Sea

Table with columns for station ID, coordinates, and parameters. Includes stations like ISC, BJI, MOS, ISCJB, HRVD, NEIC, IDC, and SZGRF.

(232) Western Honshu

Table with columns for station ID, coordinates, and parameters. Includes stations like ISC, SZGRF, NIED, MOS, ISCJB, BJI, NEIC, JMA, IDC, and SZGRF.

(181) Fiji Islands region

Table with columns for station ID, coordinates, and parameters. Includes stations like ISC, CSEM, ISCJB, MOS, NEIC, JMA, IDC, and SZGRF.

(181) Fiji Islands region

Table with columns for station ID, coordinates, and parameters. Includes stations like ISC, ISCJB, MOS, IDC, and SZGRF.

M=0.88300x10¹⁷
 NEIC Event type se. Error ellipse: s-maj=6.8km s-min=3.9km az=149.0.
 SZGRF Fiji Islands region.
(171) South of Fiji Islands
 ISC IV 08 08 04 05.8-79 23.34S-05 179.15E-05 570-10 4.6b 162 6-170
 SZGRF IV 08 08 04 00.3 23.30S 179.05E 33 4.6b **18320183**
 MOS IV 08 08 04 03.3-1.2 23.07S 179.12E 544 4.7b
 ISCJB IV 08 08 04 05.0-81 23.32S-05 179.09E-05 572-10 4.6b
 BJI IV 08 08 04 06.4 23.20S 179.10E 575 5.0b,4.7b
 IDC IV 08 08 04 06.4-1.1 23.24S 179.12E 576-11 4.7,3.9b
 NEIC IV 08 08 04 06.4-22 23.16S 179.11E 575 4.7b,3.9b
 BGS IV 08 08 04 08.5-3.0 23.07S 179.13E 542-0 4.7b,3.9b
 ISC Event type se.
 SZGRF South of Fiji Islands.
 MOS Error ellipse: s-maj=11.9km s-min=9.6km az=81.3.
 ISCJB Event type se. Error ellipse: s-maj=7.8km s-min=6.4km az=118.5.
 IDC Error ellipse: s-maj=13.2km s-min=10.1km az=170.0.
 NEIC Event type se. Error ellipse: s-maj=9.1km s-min=5.9km az=143.0.
 BGS Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.

(212) Bonin Islands region
 ISC IV 16 11 48 57.7-22 30.32N-02 138.60E-02 436-1 5.2b 926 3-155
 ORF IV 16 11 47 55.9 27.67N 142.08E 30 5.6b **18320638**
 NIED IV 16 11 48 00 30.20N 139.00E 440 5.7W
 SZGRF IV 16 11 48 10.0 30.05N 139.46E 456 5.3b
 BGS IV 16 11 48 45.3 27.58N 138.68E 430 5.2b
 BJI IV 16 11 48 54.9 30.26N 138.56E 419 5.8b,5.6b
 MOS IV 16 11 48 54.9-78 30.25N 138.56E 418 5.4b,4.6s
 JMA IV 16 11 48 54.4-30 30.24N 139.03E 454-4 5.7,4.6s
 IDC IV 16 11 48 55.7-46 30.23N 138.57E 419-4 5.7,5.0
 NEIC IV 16 11 48 57.0-10 30.24N 138.57E 432 5.7W,5.7W
 ISCJB IV 16 11 48 56.4-21 30.28N-02 138.59E-02 434-1 5.2b,5.7W
 HRVD IV 16 11 48 57.0-20 30.29N 138.60E 424-1 5.7W,5.7W
 ISC Event type se.
 NIED Moment Tensor Solution. Best double couple: NP1:φ329.00000°,δ83.00000°,λ-51.00000°; NP2:φ68.00000°,δ40.00000°,λ-168.00000°; M=4.52000x10¹⁷
 SZGRF Southeast of Honshu, Japan.
 MOS Error ellipse: s-maj=7.4km s-min=3.7km az=108.3.
 JMA Event type se. Error ellipse: s-maj=2.2km s-min=3.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ54.00000°,δ53.00000°,λ-178.00000°; NP2:φ-323.00000°,δ88.00000°,λ-37.00000°; Principal axes: T Ptg24.0000°,AzM15.0000°; N Ptg52.0000°,AzM140.0000°; P Ptg27.0000°,AzM272.0000°

ISC Error ellipse: s-maj=8.8km s-min=5.6km az=80.0.
 NEIC Event type se. Error ellipse: s-maj=3.1km s-min=2.7km az=165.0. Felt [I] at Tokyo. Also felt at Chofu and Yamato. Recorded [2 JMA] in Chiba and Tochigi; [1 JMA] in Fukushima, Gumma, Ibaraki, Kanagawa, Miyagi, Saitama and Tokyo Prefectures, Honshu. Also recorded [1 JMA] on Hachioji-jima and in the Chichijima-retto. Moment Tensor Solution. M=4.50000x10¹⁷ Moment Tensor Solution. s12 Moment tensor: Scale 10¹⁷Nm; Mr=1.07 Mm=2.23 Ml=1.16 Mm=1.56 Mm=1.96 Mm=3.96 Best double couple: NP1:φ334.00000°,δ83.00000°,λ-60.00000°; NP2:φ76.00000°,δ31.00000°,λ-166.00000°; Principal axes: T 5.0500,Plg31.0000°,AzM39.0000°; N 0.0400,Plg30.0000°,AzM150.0000°; P -5.0900,Plg44.0000°,AzM274.0000°; M=5.10000x10¹⁷
 ISCJB Event type se. Error ellipse: s-maj=3.4km s-min=2.5km az=122.3.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s97,c183;Half duration: 1s8
 Moment tensor: Scale 10¹⁷Nm; Mr=1.26±.06 Mm=2.33±.08; Ml=1.07±.10; Mm=1.16±.10; Mm=2.19±.08; Ms=3.87±.09; Best double couple: NP1:φ78.00000°,δ35.00000°,λ-165.00000°; NP2:φ336.00000°,δ81.00000°,λ-56.00000°; Principal axes: T 4.9260,Plg28.0000°,AzM39.0000°; N 0.1830,Plg33.0000°,AzM150.0000°; P -5.1090,Plg44.0000°,AzM278.0000°; M=5.01700x10¹⁷

(220) Northwest of Kuril Islands
 ISC IV 18 13 00 26.1-15 46.93N-02 144.86E-04 394 4.7b 475 1-154
 SZGRF IV 18 12 59 43.2 46.68N 146.14E 33 5.3b **110697836**
 NIED IV 18 13 00 00 46.60N 144.90E 400 4.7W
 SKHL IV 18 13 00 24.0-10 47.16N 145.61E 400-30 6.0b,5.6
 ISCJB IV 18 13 00 25.2-15 46.95N-02 144.80E-04 392 4.7b,5.6
 BJI IV 18 13 00 25.3 47.11N 144.66E 388 4.9b,4.6b
 JMA IV 18 13 00 26.4-30 46.57N 144.90E 418 4.5,4.6b
 NEIC IV 18 13 00 26.8-12 46.98N 144.75E 395 4.8b,4.6b
 IDC IV 18 13 00 26.4-48 46.91N 144.73E 393-4 5.0,4.3
 MOS IV 18 13 00 26.2-1.0 46.94N 144.72E 404 4.8b,4.3
 ISC Event type se.
 SZGRF Northwest of Kuril Islands, Russia.
 NIED Moment Tensor Solution. Best double couple: NP1:φ43.00000°,δ82.00000°,λ-113.00000°; NP2:φ295.00000°,δ24.00000°,λ-20.00000°; M=1.11000x10¹⁶
 ISCJB Event type se. Error ellipse: s-maj=3.5km s-min=2.2km az=25.4.
 JMA Error ellipse: s-maj=4.4km s-min=3.8km az=-1.0.
 NEIC Event type se. Error ellipse: s-maj=3.6km s-min=2.6km az=110.0.
 IDC Error ellipse: s-maj=8.4km s-min=6.1km az=104.0.
 MOS Error ellipse: s-maj=9.1km s-min=4.2km az=107.0.

(181) Fiji Islands region
 ISC IV 21 19 03 05.5-22 18.45S-05 177.92W-05 513 4.8b 142 7-175
 MOS IV 21 19 02 56.2-2.0 18.24S 177.96W 409 4.6b **18320956**
 IDC IV 21 19 03 02.9-1.1 18.44S 177.89W 488-11 5.2,4.4
 ISCJB IV 21 19 03 04.3-22 18.43S-05 177.96W-05 511 4.8b,4.4
 BJI IV 21 19 03 04.0 18.82S 177.92W 530 5.0b,4.9b
 NEIC IV 21 19 03 05.5-18 18.36S 178.00W 514 5.1b,4.9b
 ISC Event type se.
 MOS Error ellipse: s-maj=10.8km s-min=10.6km az=6.6.
 IDC Error ellipse: s-maj=10.7km s-min=8.6km az=135.0.
 ISCJB Event type se. Error ellipse: s-maj=6.7km s-min=5.6km az=128.0.
 NEIC Event type se. Error ellipse: s-maj=7.4km s-min=5.1km az=141.0.

(660) Sea of Japan
 ISC IV 30 00 02 10.3-16 37.29N-03 134.85E-03 386-2 4.3b 227 2-151
 SZGRF IV 30 00 01 29.0 36.83N 135.73E 33 4.4b **18321349**
 BJI IV 30 00 02 07.7 37.28N 134.99E 398 5.0b,4.7b
 MOS IV 30 00 02 08.6-86 37.34N 134.74E 381 4.3b,4.7b
 IDC IV 30 00 02 09.8-73 37.25N 134.75E 381-8 4.5,3.9
 ISCJB IV 30 00 02 09.5-16 37.30N-03 134.88E-03 390-2 4.3b,3.9
 NEIC IV 30 00 02 10.0 37.26N 134.98E 397 4.5b,3.9
 JMA IV 30 00 02 10.0-10 37.26N 134.98E 397-1 4.3,3.9
 ISC Event type se.
 SZGRF Sea of Japan.
 MOS Error ellipse: s-maj=12.1km s-min=8.1km az=92.0.
 IDC Error ellipse: s-maj=10.3km s-min=8.4km az=93.0.
 ISCJB Event type se. Error ellipse: s-maj=5.7km s-min=3.6km az=119.5.
 NEIC Event type se. After JMA.
 JMA Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.

(181) Fiji Islands region
 ISC V 01 18 13 56.2-1.1 20.85S-08 178.67W-08 597-13 4.1b 47 10-172
 SZGRF V 01 18 12 49.8 21.62S 176.57W 33 4.1b **18646864**
 BJI V 01 18 13 53.2 21.13S 177.72W 627 5.1b,4.6b
 ISCJB V 01 18 13 55.5-1.1 20.83S-08 178.77W-08 602-15 4.1b,4.6b
 MOS V 01 18 13 55.4-2.7 20.53S 179.02W 563 4.4b,4.6b
 NEIC V 01 18 13 56.1-84 20.77S 178.69W 600-9 4.3b,4.6b
 IDC V 01 18 13 59.1-1.6 20.74S 178.86W 628-18 4.5,3.7
 ISC Event type se.
 SZGRF Fiji Islands region.
 ISCJB Event type se. Error ellipse: s-maj=14.0km s-min=8.8km az=96.6.
 MOS Error ellipse: s-maj=19.4km s-min=13.1km az=161.1.
 IDC Error ellipse: s-maj=13.8km s-min=7.4km az=146.0.
 NEIC Event type se. Error ellipse: s-maj=15.9km s-min=10.1km az=151.0.
(171) South of Fiji Islands
 ISC V 02 19 14 33.6-88 20.79S-07 178.41W-08 571-11 4.4b 67 8-172
 CSEM V 02 19 13 25.8 22.47S 176.26W 33 5.5b **18338328**
 SZGRF V 02 19 14 23.5 21.85S 178.68W 33 5.5b
 NEIC V 02 19 14 32.9-90 20.80S 178.35W 573-10 4.4b
 ISCJB V 02 19 14 32.9-1.0 20.75S-07 178.54W-08 573-13 4.3b
 BJI V 02 19 14 32.9 20.80S 178.40W 573 4.6b,4.6b
 MOS V 02 19 14 35.5-2.8 19.75S 179.30W 535 4.3b,4.6b
 IDC V 02 19 14 35.2-1.4 20.94S 178.48W 596-14 4.7,4.0
 ISC Event type se.

SZGRF Fiji Islands region.
 NEIC Event type se. Error ellipse: s-maj=12.5km s-min=8.1km az=138.0.
 ISCJB Event type se. Error ellipse: s-maj=12.9km s-min=9.9km az=69.2.
 MOS Error ellipse: s-maj=15.6km s-min=13.4km az=168.4.
 IDC Error ellipse: s-maj=16.3km s-min=10.9km az=149.0.
(181) Fiji Islands region
 ISC V 04 00 09 15.1-1.3 20.50S-06 177.89W-07 533-15 4.5b 100 9-173
 CSEM V 04 00 08 23.1 20.04S 177.39W 33 5.7b **110698263**
 MOS V 04 00 09 10.9-1.3 20.36S 177.91W 495 4.4b
 BJI V 04 00 09 10.8 20.81S 177.09W 536 4.8b,4.7b
 ISCJB V 04 00 09 14.6-1.5 20.48S-06 177.98W-07 537-17 4.5b,4.7b
 NEIC V 04 00 09 15.5-1.8 20.44S 177.98W 537-20 4.6b,4.7b
 IDC V 04 00 09 16.0-1.9 20.47S 177.92W 548-20 5.0,4.3
 ISC Event type se.
 MOS Error ellipse: s-maj=12.7km s-min=10.2km az=147.0.
 ISCJB Event type se. Error ellipse: s-maj=10.2km s-min=8.8km az=95.4.
 NEIC Event type se. Error ellipse: s-maj=10.0km s-min=9.3km az=122.0.
 IDC Error ellipse: s-maj=14.0km s-min=10.7km az=155.0.

(171) South of Fiji Islands
 ISC V 06 02 29 31.7-12 25.14S-03 179.75E-03 522 5.2b 328 5-171
 ORF V 06 02 28 43.5 24.99S 177.78E 30 6.3b **110698288**
 SZGRF V 06 02 29 29.1 24.88S 179.27W 528 6.3b
 IDC V 06 02 29 29.6-39 24.94S 179.71E 500-3 5.5,4.7
 MOS V 06 02 29 29.4-81 24.83S 179.66E 496 5.4b,4.7
 ISCJB V 06 02 29 30.7-12 25.07S-03 179.68E-03 519 5.2b,4.7
 BJI V 06 02 29 30.5 24.64S 179.80E 508 4.9b,4.9b
 HRVD V 06 02 29 31.4-30 25.03S 179.90E 528-1 5.6W,4.9b
 NEIC V 06 02 29 31.4-10 24.98S 179.68E 518 5.3b,4.9b
 BGS V 06 02 29 36.7-5.0 24.90S 179.64E 518-0 5.3b,4.9b
 ISC Event type se.
 SZGRF South of Fiji Islands.
 IDC Error ellipse: s-maj=8.6km s-min=6.4km az=178.0.
 MOS Error ellipse: s-maj=9.2km s-min=7.8km az=53.6.
 ISCJB Event type se. Error ellipse: s-maj=4.2km s-min=3.0km az=61.5.
 HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s80,c125;Half duration: 1s5
 Moment tensor: Scale 10¹⁷Nm; Mr=1.05±.06 Mm=1.33±.09; Ml=0.27±.09; Mm=0.53±.09; Mm=1.23±.08; Ms=2.47±.08; Best double couple: NP1:φ94.00000°,δ31.00000°,λ158.00000°; NP2:φ203.00000°,δ79.00000°,λ61.00000°; Principal axes: T 3.2010,Plg48.0000°; AzM82.0000°; N -0.3060,Plg29.0000°,AzM209.0000°; P -2.8970,Plg28.0000°; AzM316.0000°; M=3.04900x10¹⁷

ISC Event type se. Error ellipse: s-maj=5.5km s-min=3.4km az=151.0.
 BGS Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.
(181) Fiji Islands region
 ISC V 06 05 02 24.1-15 21.28S-04 178.10W-04 465 4.8b 227 8-172
 SZGRF V 06 05 01 31.1 22.26S 177.28W 33 4.8b **18494612**
 CSEM V 06 05 01 38.7 20.79S 177.83W 33 5.6b
 ISCJB V 06 05 02 23.0-15 21.25S-04 178.18W-04 463 4.8b
 MOS V 06 05 02 22.9-1.4 20.80S 178.32W 449 4.9b
 IDC V 06 05 02 23.8-1.2 21.19S 178.22W 459-12 5.0,4.4
 BJI V 06 05 02 23.2 20.63S 178.40W 438 5.2b,5.0b
 NEIC V 06 05 02 24.4-13 21.06S 178.23W 465 4.8b,5.0b
 HRVD V 06 05 02 24.4-70 21.09S 178.24W 473-4 5.6W,5.0b
 BGS V 06 05 02 26.9-3.3 21.07S 178.23W 465-0 4.8b,5.0b
 ISC Event type se.
 SZGRF South of Fiji Islands.
 ISCJB Event type se. Error ellipse: s-maj=6.2km s-min=3.9km az=81.1.
 MOS Error ellipse: s-maj=10.8km s-min=8.7km az=58.7.
 IDC Error ellipse: s-maj=12.6km s-min=9.0km az=140.0.
 NEIC Event type se. Error ellipse: s-maj=7.5km s-min=3.7km az=148.0.
 HRVD Error ellipse: s-maj=8.9km s-min=7.8km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s31,c39;Half duration: 0 Moment tensor: Scale 10¹⁶Nm; Mr=4.79±.44 Mm=3.23±.61; Ml=1.57±.79; Mm=5.86±.63; Mm=1.48±.64; Ms=0.11±.77; Best double couple: NP1:φ230.00000°,δ21.00000°,λ-120.00000°; NP2:φ82.00000°,δ72.00000°,λ-79.00000°; Principal axes: T 6.6840,Plg26.0000°,AzM163.0000°; N 1.2440,Plg10.0000°,AzM258.0000°; P -7.9180,Plg62.0000°,AzM8.0000°; M=7.30100x10¹⁶

BGS Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.
(280) Banda Sea
 ISC V 09 01 57 12.4-34 5.72S-02 125.39E-03 575-4 5.4b 355 3-164
 BJI V 09 01 57 10.8 5.81S 125.56E 597 5.5b,5.0b **18338669**
 CSEM V 09 01 57 11.3 5.71S 125.38E 561 5.6b,5.0b
 MOS V 09 01 57 11.4-92 5.58S 125.32E 569 5.4b,5.0b
 ISCJB V 09 01 57 11.8-33 5.70S-02 125.37E-03 586-4 5.4b,5.0b
 IDC V 09 01 57 12.8-69 5.69S 125.35E 578-7 5.7,4.7b
 HRVD V 09 01 57 12.3-30 5.60S 125.71E 579-2 5.2W,4.7b
 NEIC V 09 01 57 12.3-34 5.68S 125.31E 573-3 5.5b,4.7b
 ISC Event type se.
 MOS Error ellipse: s-maj=9.5km s-min=5.2km az=115.1.
 IDC Event type se. Error ellipse: s-maj=5.0km s-min=3.1km az=134.5.
 HRVD Error ellipse: s-maj=7.9km s-min=5.1km az=64.0.
 Error ellipse: s-maj=4.4km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s71,c95;Half duration: 1s0
 Moment tensor: Scale 10¹⁷Nm; Mr=0.70±.03 Mm=0.68±.04; Ml=0.01±.06; Mm=0.47±.04; Ms=0.04±.05; Mm=0.24±.06; Best double couple: NP1:φ278.00000°,δ28.00000°,λ112.00000°; NP2:φ73.00000°,δ64.00000°,λ79.00000°; Principal axes: T 0.8960,Plg69.0000°; AzM320.0000°; N -0.0540,Plg10.0000°,AzM78.0000°; P -0.8420,Plg18.0000°; AzM172.0000°; M=0.86900x10¹⁷

ISC Event type se. Error ellipse: s-maj=4.3km s-min=2.8km az=65.0.
(181) Fiji Islands region
 ISC V 12 17 57 55.6-1.3 19.50S-06 177.21W-04 377-13 4.7b 173 8-174
 CSEM V 12 17 57 13.6 19.61S 176.44W 33 5.6b **18338889**
 ISCJB V 12 17 57 52.2-1.5 19.43S-05 177.27W-04 355-14 4.7b
 NEIC V 12 17 57 55.3-15 19.42S 177.32W 377 4.8b
 BJI V 12 17 57 55.2 19.40S 177.30W 376 4.9b,4.6b
 SZGRF V 12 17 57 56.1 19.19S 176.90W 379 4.9b,4.6b
 IDC V 12 17 57 56.2-2.0 19.57S 177.25W 389-20 5.2,4.5b
 MOS V 12 17 57 57.9-82 19.43S 177.35W 415 4.9b,4.5b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=9.2km s-min=5.7km az=124.1.
 NEIC Event type se. Error ellipse: s-maj=7.4km s-min=4.2km az=149.0.
 SZGRF Fiji Islands region.
 IDC Error ellipse: s-maj=13.7km s-min=9.0km az=146.0.
 MOS Error ellipse: s-maj=12.8km s-min=9.9km az=141.7.

(181) Fiji Islands region
 ISC V 15 17 04 44.2-70 20.06S-04 178.10W-04 578-8 4.9b 229 9-173
 SZGRF V 15 17 03 40.4 20.87S 177.04W 33 4.9b **18344235**
 ISCJB V 15 17 04 42.5-64 20.02S-04 178.17W-04 571-8 4.9b
 MOS V 15 17 04 44.7-89 19.91S 178.21W 594 5.0b
 IDC V 15 17 04 46.2-1.0 20.11S 178.16W 605-11 5.4,4.4b
 HRVD V 15 17 04 48.8-70 19.87S 178.01W 620-4 5.2W,4.4b
 BJI V 15 17 04 48.2 19.54S 177.76W 639 5.0b,5.0b
 NEIC V 15 17 04 48.8-62 20.00S 178.25W 635-7 4.9b,5.0b
 BGS V 15 17 04 51.6-4.5 20.00S 178.25W 634-0 4.9b,5.0b
 ISC Event type se.
 SZGRF Fiji Islands region.
 ISCJB Event type se. Error ellipse: s-maj=7.4km s-min=4.4km az=102.1.
 MOS Error ellipse: s-maj=10.5km s-min=8.9km az=48.0.
 IDC Error ellipse: s-maj=8.9km s-min=7.0km az=143.0.
 HRVD Error ellipse: s-maj=5.6km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s50,c64;Half duration: 0 Moment tensor: Scale 10¹⁶Nm; Mr=6.47±.33 Mm=3.06±.51; Ml=3.41±.59; Mm=4.17±.53; Mm=1.07±.56; Ms=2.15±.59; Best double couple: NP1:φ310.00000°,δ32.00000°,λ-58.00000°; NP2:φ94.00000°,δ64.00000°,λ-108.00000°; Principal axes: T 4.6990,Plg17.0000°,AzM197.0000°; N 3.8170,Plg16.0000°,AzM102.0000°; P -8.5160,Plg66.0000°,AzM331.0000°; M=6.60700x10¹⁶

ISC Event type se. Error ellipse: s-maj=6.0km s-min=3.4km az=145.0.
 BGS Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.
(181) Fiji Islands region
 ISC V 18 14 56 47.7-1.0 17.66S-05 178.88W-05 498-12 4.6b 178 8-175
 SZGRF V 18 14 55 55.3 17.33S 177.52W 33 4.6b **18339108**

CSEM	V	18 14 55 55.2	17.15S	177.91W	33	5.5b			
ISCJB	V	18 14 56 45.0-84	17.64S-05	178.92W-05	479-9	4.6b			
BJJ	V	18 14 56 46.9	17.41S	178.50W	507	4.7b,4.6b			
MOS	V	18 14 56 47.0-1.1	17.44S	179.01W	494	4.8b,4.6b			
NEIC	V	18 14 56 47.8-70	17.62S	178.91W	500-8	4.7b,4.6b			
IDC	V	18 14 56 49.7-1.3	17.72S	179.00W	525-14	5.1,4.4			
ISC	Event type se.								
SZGRF	Fiji Islands region.								
ISCJB	Event type se. Error ellipse: s-maj=9.1km s-min=5.1km az=96.0.								
MOS	Error ellipse: s-maj=12.2km s-min=9.3km az=53.8.								
NEIC	Event type se. Error ellipse: s-maj=7.4km s-min=4.1km az=145.0.								
IDC	Error ellipse: s-maj=12.2km s-min=8.5km az=131.0.								
ISC	(262) Celebes Sea								
ISCJB	V	22 12 05 41.0-26	4.21N-03	122.65E-04	597-3	4.9b	164	4-168	
BJJ	V	22 12 05 39.9-26	4.20N-03	122.63E-04	604-3	4.9b		18648005	
MOS	V	22 12 05 39.8	4.41N	122.76E	575	4.8b			
IDC	V	22 12 05 39.2-92	4.25N	122.64E	595	4.7b			
NEIC	V	22 12 05 41.0-68	4.18N	122.64E	600-7	5.0,4.1b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=6.9km s-min=4.6km az=129.2.								
MOS	Error ellipse: s-maj=14.2km s-min=7.8km az=117.8.								
IDC	Error ellipse: s-maj=9.2km s-min=5.2km az=73.0.								
NEIC	Event type se. Error ellipse: s-maj=7.3km s-min=4.4km az=58.0.								
ISC	(262) Celebes Sea								
ISCJB	V	22 14 12 09.4-43	3.27N-05	122.12E-06	624-6	4.5b	88	4-172	
BJJ	V	22 14 12 08.4-42	3.26N-05	122.11E-06	632-6	4.5b		18648009	
MOS	V	22 14 12 08.1-91	3.33N	122.15E	627	4.5b			
IDC	V	22 14 12 08.1	3.36N	122.41E	630	5.1b,4.5b			
NEIC	V	22 14 12 09.2-1.2	3.28N	122.22E	623-14	4.7,3.8b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=10.0km s-min=6.2km az=111.4.								
MOS	Error ellipse: s-maj=24.3km s-min=9.3km az=116.6.								
IDC	Error ellipse: s-maj=14.5km s-min=7.5km az=71.0.								
NEIC	Event type se. Error ellipse: s-maj=11.0km s-min=5.9km az=63.0.								
ISC	(181) Fiji Islands region								
ISCJB	V	24 03 54 33.6-20	20.42S-05	177.66W-04	406	4.6b	166	9-173	
CSEM	V	24 03 53 54.7	20.39S	177.81W	33	5.8b		18358469	
SZGRF	V	24 03 53 55.0	18.36S	176.08W	33	5.5b			
ISCJB	V	24 03 54 32.1-22	20.44S-06	177.73W-04	404	4.6b			
BJJ	V	24 03 54 33.2	20.40S	177.70W	404	5.0b,4.8b			
NEIC	V	24 03 54 33.3-17	20.40S	177.70W	405	4.7b,4.8b			
IDC	V	24 03 54 36.3-1.8	20.44S	177.70W	438-18	5.1,4.4			
MOS	V	24 03 54 41.3-1.5	18.37S	177.60W	413	4.8b,4.4			
ISC	Event type se.								
SZGRF	Fiji Islands region.								
ISCJB	Event type se. Error ellipse: s-maj=8.9km s-min=4.5km az=131.6.								
NEIC	Event type se. Error ellipse: s-maj=8.7km s-min=4.3km az=150.0.								
IDC	Error ellipse: s-maj=12.9km s-min=10.0km az=157.0.								
MOS	Error ellipse: s-maj=13.8km s-min=10.5km az=75.4.								
ISC	(211) Southeast of Honshu								
ISCJB	V	26 10 26 00.6-14	30.47N-02	138.40E-02	441	4.8b	477	3-166	
NIED	V	26 10 25 00	30.40N	138.80E	460	4.9W		18440590	
MOS	V	26 10 25 56.8-87	30.34N	138.38E	418	4.9b			
JMA	V	26 10 25 58.4-20	30.38N	138.80E	464-4	4.5			
BJJ	V	26 10 25 58.6	30.37N	138.45E	447	5.3b,4.9b			
NEIC	V	26 10 25 60.0-11	30.40N	138.35E	438	4.9b,4.8W			
ISCJB	V	26 10 25 59.1-14	30.41N-02	138.37E-02	439	4.8b,4.8W			
IDC	V	26 10 25 59.5-45	30.42N	138.38E	432-4	5.1,4.4			
HRVD	V	26 10 26 00.0-70	30.20N	138.69E	472-4	5.2W,4.4			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:355.0000°,λ:67.0000°,δ:87.0000°; NP2:φ:93.0000°,λ:823.0000°,λ:171.0000°; M=2.34000×10 ¹⁶								
MOS	Error ellipse: s-maj=7.7km s-min=4.6km az=107.2.								
JMA	Error ellipse: s-maj=2.2km s-min=2.9km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=3.7km s-min=2.9km az=147.0. Moment Tensor Solution. M=2.30000×10 ¹⁶								
ISCJB	Event type se. Error ellipse: s-maj=3.3km s-min=2.5km az=113.2.								
IDC	Error ellipse: s-maj=9.4km s-min=6.0km az=94.0.								
HRVD	Error ellipse: s-maj=12.2km s-min=6.7km az=1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s25,c26;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M=0.37±.43 M=0.30±.50; M=0.66±.52; M=3.56±.82; M=0.76±.45; M=0.57±.45; Best double couple: NP1:φ:163.0000°,λ:83.0000°,λ:75.0000°; NP2:φ:328.0000°,λ:887.0000°,λ:91.0000°; Principal axes: T 7.1480,Plg42.0000°,Az=59.0000°; N -0.7080,Plg1.0000°,Az=328.0000°; P -6.4390,Plg48.0000°,Az=237.0000°; M=6.79400×10 ¹⁶								
ISC	(182) Fiji Islands								
ORF	V	28 07 51 08.0-75	21.44S-04	178.97W-05	556-9	4.6b	198	10-172	
MOS	V	28 07 50 20.7	17.79S	179.43E	30	5.8b		18440686	
ISCJB	V	28 07 50 57.6-2.4	20.95S	179.03W	419	4.8b			
SZGRF	V	28 07 51 02.9	22.82S	178.43W	33	4.8b			
BJJ	V	28 07 51 04.3	21.39S	178.53W	548	4.6b,4.6b			
ISCJB	V	28 07 51 06.7-77	21.44S-04	179.05W-05	552-10	4.6b,4.6b			
NEIC	V	28 07 51 07.3-16	21.31S	179.05W	549	4.6b,4.6b			
IDC	V	28 07 51 08.8-1.1	21.38S	178.97W	570-12	5.0,4.1			
ISC	Event type se.								
MOS	Error ellipse: s-maj=11.5km s-min=8.7km az=47.1.								
SZGRF	South of Fiji Islands.								
ISCJB	Event type se. Error ellipse: s-maj=8.5km s-min=5.0km az=84.6.								
NEIC	Event type se. Error ellipse: s-maj=8.4km s-min=4.6km az=144.0.								
IDC	Error ellipse: s-maj=12.9km s-min=10.0km az=135.0.								
ISC	(179) South of Kermadec Islands								
ISCJB	V	28 22 48 33.0-48	32.98S-05	179.77W-07	384-5	4.6b	216	4-173	
MOS	V	28 22 48 26.2-1.2	32.11S	179.77E	299	4.8b		18098679	
ISCJB	V	28 22 48 29.5-54	32.55S-05	179.89E-07	346-6	4.6b			
IDC	V	28 22 48 31.1-1.4	31.99S	179.87E	338-13	4.9,4.5			
NEIC	V	28 22 48 33.1-84	32.97S	179.84W	378-9	4.5b,4.5			
BJJ	V	28 22 48 33.0	33.00S	179.80W	377	5.1b,4.6b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=16.3km s-min=11.3km az=57.0.								
ISCJB	Event type se. Error ellipse: s-maj=10.5km s-min=6.6km az=80.1.								
IDC	Error ellipse: s-maj=12.4km s-min=9.3km az=146.0.								
NEIC	Event type se. Error ellipse: s-maj=14.6km s-min=9.9km az=167.0.								
ISC	(181) Fiji Islands region								
ISCJB	V	02 07 31 36.9-09	20.95S-02	178.63W-02	592	5.5b	593	8-172	
CSEM	V	02 07 30 38.4	20.76S	178.44W	33	5.8b		18443140	
MOS	V	02 07 31 32.8-78	20.68S	178.70W	553	5.5b			
CRAAG	V	02 07 31 33.9	20.61S	178.74W	599	5.9b			
IDC	V	02 07 31 34.7-77	20.79S	178.62W	567-8	6.1,5.1b			
BJJ	V	02 07 31 35.8	20.36S	178.27W	590	5.8b,5.7b			
ISCJB	V	02 07 31 35.6-09	20.92S-02	178.69W-02	590	5.5b,5.7b			
NEIC	V	02 07 31 36.5-09	20.84S	178.70W	592	6.0W,5.5b			
HRVD	V	02 07 31 36.5-10	20.77S	178.54W	585-0	6.0W,5.5b			
SZGRF	V	02 07 31 36.3	20.70S	176.82W	598	6.0W,5.5b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=7.9km s-min=6.5km az=59.0.								
IDC	Error ellipse: s-maj=8.6km s-min=6.7km az=14.0.								
ISCJB	Event type se. Error ellipse: s-maj=3.5km s-min=2.3km az=87.7.								
NEIC	Event type se. Error ellipse: s-maj=5.3km s-min=3.2km az=149.0. Moment Tensor Solution. s13 Moment tensor: Scale 10 ¹⁸ Nm; M=0.86 M=0.65 M=0.21 M=0.42±.01; M=0.45±.01; M=1.03±.01; Best double couple: NP1:φ:27.0000°,λ:875.0000°,λ:102.0000°; NP2:φ:246.0000°,λ:819.0000°,λ:52.0000°; Principal axes: T 0.9900,Plg29.0000°,Az=127.0000°; N 0.5600,Plg12.0000°,Az=30.0000°; P -1.5500,Plg58.0000°,Az=281.0000°; M=1.30000×10 ¹⁸								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to mantle waves, cutoff=125s. Centroid Moment Tensor Solution. LP body waves: s108,c232; Mantle waves: s74,c86;Half duration: 2s4 Moment tensor: Scale 10 ¹⁸ Nm; M=0.46±.01 M=0.25±.01; M=0.02±.01; M=0.42±.01; M=0.45±.01; M=1.03±.01; Best double couple: NP1:φ:115.0000°,λ:825.0000°,λ:158.0000°; NP2:φ:6.0000°,λ:881.0000°,λ:66.0000°; Principal axes: T 0.9830,Plg32.0000°,Az=76.0000°; N 0.4470,Plg23.0000°,Az=182.0000°; P -1.4300,Plg49.0000°,Az=301.0000°								

M=1.20600×10 ¹⁸									
SZGRF	Fiji Islands region.								
ISC	(181) Fiji Islands region								
ISCJB	V	03 08 25 59.4-12	17.74S-03	177.24W-03	353	4.8b	334	6-175	
CSEM	V	03 08 25 23.5	17.68S	177.02W	33	5.8b		18443177	
ISCJB	V	03 08 25 57.8-12	17.74S-03	177.26W-03	351	4.8b			
MOS	V	03 08 25 57.1-1.0	17.63S	177.26W	339	4.9b			
BJJ	V	03 08 25 58.5	17.21S	176.66W	362	5.0b,4.7b			
HRVD	V	03 08 25 59.2-60	17.59S	177.31W	394-2	5.3W,4.7b			
NEIC	V	03 08 25 59.2-15	17.64S	177.29W	354	4.9b,4.7b			
IDC	V	03 08 26 01.2-1.2	17.76S	177.32W	375-12	5.2,4.5			
SZGRF	V	03 08 26 04.2	16.82S	177.81W	368	5.2,4.5			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=5.2km s-min=2.9km az=74.7.								
MOS	Error ellipse: s-maj=10.8km s-min=8.3km az=144.1.								
HRVD	Error ellipse: s-maj=6.7km s-min=7.8km az=1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s40,c54;Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; M=0.09±.04 M=0.39±.08; M=0.47±.07; M=0.75±.05; M=0.12±.06; M=0.68±.05; Best double couple: NP1:φ:225.0000°,λ:824.0000°,λ:177.0000°; NP2:φ:318.0000°,λ:889.0000°,λ:66.0000°; Principal axes: T 1.1830,Plg41.0000°,Az=206.0000°; N -0.1620,Plg24.0000°,Az=318.0000°; P -1.0210,Plg39.0000°; M=1.10200×10 ¹⁷								
NEIC	Event type se. Error ellipse: s-maj=7.3km s-min=3.9km az=142.0.								
IDC	Error ellipse: s-maj=9.9km s-min=8.8km az=144.0.								
SZGRF	Fiji Islands region.								
ISC	(230) Near south coast of eastern Honshu								
ISCJB	V	04 03 51 35.4-20	33.68N-03	136.81E-02	386-1	4.4b	434	1-152	
SZGRF	V	04 03 50 57.1	34.34N	138.31E	33	5.1b		18443237	
NIED	V	04 03 51 00	33.70N	136.90E	380	4.6W			
BJJ	V	04 03 51 32.9	33.66N	136.83E	378	4.8b,4.6b			
MOS	V	04 03 51 33.5-84	33.59N	136.83E	386	4.6b,4.6b			
JMA	V	04 03 51 34.9-10	33.70N	136.90E	392-2	4.5,4.6b			
NEIC	V	04 03 51 34.3-15	33.62N	136.82E	379	4.4b,4.6b			
IDC	V	04 03 51 34.5-69	33.63N	136.87E	382-6	4.7,4.1			
ISCJB	V	04 03 51 34.5-20	33.62N-03	136.81E-03	391-1	4.4b,4.1			
ISC	Event type se.								
SZGRF	Near south coast of eastern Honshu, Japan.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:29.0000°,λ:872.0000°,λ:112.0000°; NP2:φ:261.0000°,λ:828.0000°,λ:41.0000°; M=8.36000×10 ¹⁵								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	(262) Celebes Sea								
ISCJB	V	07 18 23 45.0-22	3.60N-02	122.80E-03	570-2	4.9b	278	4-163	
BJJ	V	07 18 23 39.5	3.07N	123.12E	572	4.9b,4.8b		18463752	
MOS	V	07 18 23 43.8-88	3.67N	122.81E	575	5.0b,4.8b			
ISCJB	V	07 18 23 44.1-22	3.60N-02	122.79E-03	578-3	4.9b,4.8b			
NEIC	V	07 18 23 45.0-42	3.64N	122.76E	572-5	4.9b,4.8b			
IDC	V	07 18 23 44.5-1.0	3.61N	122.76E	566-12	5.2,4.3b			
HRVD	V	07 18 23 45.0-90	3.49N	122.56E	571-5	5.3W,4.3b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=11.2km s-min=5.8km az=118.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.1km s-min=3.6km az=149.5.								
NEIC	Event type se. Error ellipse: s-maj=6.2km s-min=4.0km az=66.0.								
IDC	Error ellipse: s-maj=11.6km s-min=7.3km az=73.0.								
HRVD	Error ellipse: s-maj=8.9km s-min=10.0km az=1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s27,c32;Half duration:								

HRVD	VI	09 10 40 41.8-30	17.99S	178.46W	601-2	5.5W,5.4b			
IDC	VI	09 10 40 41.6-84	18.06S	178.48W	574-9	5.6,4.8			
SZGRF	VI	09 10 40 43.7	17.31S	177.53W	33	5.6,4.8			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=7.3km s-min=3.5km az=128.1.								
MOS	Error ellipse: s-maj=9.6km s-min=6.7km az=53.6.								
NEIC	Event type se. Error ellipse: s-maj=5.9km s-min=3.2km az=148.0. Moment Tensor Solution. s6 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} 0.52 M _{θθ} 1.55 M _{φφ} 2.07 M _{rθ} 1.09 M _{rφ} 0.08 M _{θφ} 0.58 Best double couple: NP1:φ:140.0000°; λ:34.0000°; NP2:φ:42.0000°; λ:857.0000°; λ:164.0000°. Principal axes: T 2.2800,Plg33.0000°; Azm6.0000°; N-0.0800,Plg54.0000°; Azm159.0000°; P-2.2000,Plg13.0000°; Azm267.0000°; M ₀ 1.983000×10 ¹⁷								
HRVD	Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s68.c107;Half duration: 1s3 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} 0.14±0.04 M _{θθ} 0.89±0.06; M _{φφ} 1.03±0.05; M _{rθ} 0.54±0.06; M _{rφ} 0.85±0.05; M _{θφ} 1.41±0.05; Best double couple: NP1:φ:65.0000°; λ:840.0000°; λ:176.0000°. NP2:φ:158.0000°; λ:888.0000°; λ:50.0000°. Principal axes: T 1.9310,Plg35.0000°; Azm35.0000°; N 0.1010,Plg40.0000°; Azm160.0000°; P-2.0350,Plg31.0000°; Azm280.0000°; M ₀ 1.983000×10 ¹⁷								
IDC	Error ellipse: s-maj=10.1km s-min=7.5km az=134.0.								
SZGRF	Fiji Islands region.								
(181) Fiji Islands region									
ISC	VI	10 16 30 02.1-1.2	18.05S-08	178.51W-06	594-14	4.6b	264	8-175	
SZGRF	VI	10 16 28 55.1	19.80S	177.54W	33	4.6b			¶18463855
CSEM	VI	10 16 29 06.8	16.86S	178.06W	33	5.6b			
MOS	VI	10 16 29 58.4-2.1	17.85S	178.53W	541	4.6b			
ISCJB	VI	10 16 29 59.8-81	18.04S-08	178.54W-06	577-10	4.6b			
NEIC	VI	10 16 30 00.8-68	17.95S	178.50W	576-8	4.6b			
IDC	VI	10 16 30 00.7-1.3	18.08S	178.40W	583-14	5.3,4.5			
BJI	VI	10 16 30 00.8	17.90S	178.50W	576	4.6b,4.5b			
ISC	Event type se.								
SZGRF	Fiji Islands region.								
MOS	Error ellipse: s-maj=14.7km s-min=9.3km az=140.6.								
ISCJB	Event type se. Error ellipse: s-maj=14.0km s-min=4.9km az=121.6.								
NEIC	Event type se. Error ellipse: s-maj=11.6km s-min=4.4km az=150.0.								
IDC	Error ellipse: s-maj=21.9km s-min=10.3km az=152.0.								
(181) Fiji Islands region									
ISC	VI	11 05 46 01.8-11	20.75S-03	179.25W-03	667	5.1b	516	8-172	
CSEM	VI	11 05 44 58.7	20.17S	178.88W	33	5.6b			¶18474810
MOS	VI	11 05 45 58.4-92	20.53S	179.26W	635	5.2b			
BJI	VI	11 05 45 59.9	20.25S	178.84W	662	5.2b,5.2b			
IDC	VI	11 05 46 00.1-73	20.67S	179.24W	649-8	5.6,4.7			
ISCJB	VI	11 05 46 00.1-11	20.78S-03	179.28W-03	665	5.1b,4.7			
NEIC	VI	11 05 46 01.3-09	20.66S	179.26W	663	5.1b,4.7			
HRVD	VI	11 05 46 01.3-20	20.66S	179.21W	670-1	5.9W,4.7			
BGS	VI	11 05 46 02.8-6.4	20.64S	179.32W	663-0	5.1b,4.7			
SZGRF	VI	11 05 46 03.2	20.22S	176.64W	689	5.1b,4.7			
ISC	Event type se.								
MOS	Error ellipse: s-maj=8.9km s-min=7.3km az=57.5.								
IDC	Error ellipse: s-maj=9.3km s-min=7.1km az=156.0.								
ISCJB	Event type se. Error ellipse: s-maj=4.2km s-min=2.6km az=93.6.								
NEIC	Event type se. Error ellipse: s-maj=5.1km s-min=3.0km az=126.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s97.c192;Half duration: 2s1 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} 3.07±0.07 M _{θθ} 1.92±0.10; M _{φφ} 1.15±0.11; M _{rθ} 4.78±0.11; M _{rφ} 1.19±0.10; M _{θφ} 5.11±0.12; Best double couple: NP1:φ:241.0000°; λ:812.0000°; λ:74.0000°. NP2:φ:44.0000°; λ:879.0000°; λ:93.0000°. Principal axes: T 7.4020,Plg34.0000°; Azm137.0000°; N 0.3600,Plg3.0000°; Azm45.0000°; P-7.7630,Plg56.0000°; Azm310.0000°; M ₀ 7.583000×10 ¹⁷								
BGS	Error ellipse: s-maj=283.7km s-min=999.9km az=-1.0.								
SZGRF	Fiji Islands region.								
(181) Fiji Islands region									
ISC	VI	15 22 56 28.4-1.0	21.35S-05	178.11W-04	429-11	4.6b	206	8-172	
SZGRF	VI	15 22 55 37.9	22.44S	176.91W	33	4.6b			¶18474878
CSEM	VI	15 22 55 45.0	20.81S	178.10W	33	5.6b			
ISCJB	VI	15 22 56 24.5-94	21.21S-05	178.18W-04	398-10	4.6b			
BJI	VI	15 22 56 26.6	21.20S	178.10W	414	5.1b,4.9b			
NEIC	VI	15 22 56 26.6-96	21.21S	178.06W	414-10	4.6b,4.9b			
IDC	VI	15 22 56 27.2-1.6	21.37S	178.05W	426-15	5.2,4.4			
MOS	VI	15 22 56 27.3-2.8	21.14S	178.23W	410	4.6b,4.4			
ISC	Event type se.								
SZGRF	South of Fiji Islands.								
ISCJB	Event type se. Error ellipse: s-maj=8.3km s-min=5.3km az=108.2.								
NEIC	Event type se. Error ellipse: s-maj=10.0km s-min=6.4km az=145.0.								
IDC	Error ellipse: s-maj=14.0km s-min=12.5km az=136.0.								
MOS	Error ellipse: s-maj=11.5km s-min=9.9km az=60.2.								
(221) Kuril Islands									
ISC	VI	16 18 29 30.2-07	46.51N-01	144.48E-02	375	5.4b	1487	1-154	
ORF	VI	16 18 28 45.8	45.27N	146.02E	30	6.0b			¶10698958
SZGRF	VI	16 18 28 49.0	46.32N	146.11E	33	5.9b			
NIED	VI	16 18 29 00	46.20N	144.70E	380	5.4W			
MOS	VI	16 18 29 28.1-85	46.63N	144.58E	360	5.5b			
CSEM	VI	16 18 29 28.1	46.82N	144.52E	354	5.5b			
BJI	VI	16 18 29 28.2	46.62N	144.46E	359	5.0b,4.8b			
HRVD	VI	16 18 29 29.6-40	46.44N	144.56E	375-1	5.3W,4.8b			
JMA	VI	16 18 29 29.2-40	46.23N	144.73E	387-4	5.4,5.8b			
ISCJB	VI	16 18 29 29.0-07	46.49N-01	144.52E-02	373	5.4b,4.8b			
IDC	VI	16 18 29 29.2-42	46.47N	144.67E	365-4	5.4,4.7			
NEIC	VI	16 18 29 29.6-09	46.41N	144.53E	365	5.4b,4.7			
SKHL	VI	16 18 29 29.3-60	46.70N	145.20E	355-15	6.6,6.4			
BGS	VI	16 18 29 32.0-1.0	47.16N	145.50E	369-0	5.4b,6.4			
ISC	Event type fe.								
SZGRF	Northwest of Kuril Islands, Russia.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:40.0000°; λ:866.0000°; λ:103.0000°. NP2:φ:190.0000°; λ:827.0000°; λ:63.0000°. M ₀ 1.440000×10 ¹⁷								
MOS	Error ellipse: s-maj=6.4km s-min=3.4km az=108.4.								
HRVD	Error ellipse: s-maj=4.4km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s56.c99;Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} 0.35±0.03 M _{θθ} 0.72±0.05; M _{φφ} 1.07±0.04; M _{rθ} 0.79±0.04; M _{rφ} 0.15±0.04; M _{θφ} 0.34±0.04; Best double couple: NP1:φ:147.0000°; λ:849.0000°; λ:18.0000°. NP2:φ:45.0000°; λ:877.0000°; λ:137.0000°. Principal axes: T 1.3510,Plg39.0000°; Azm357.0000°; N-0.1330,Plg46.0000°; Azm211.0000°; P-1.2140,Plg18.0000°; Azm102.0000°; M ₀ 1.282000×10 ¹⁷								
JMA	Event type fe. Error ellipse: s-maj=3.3km s-min=3.8km az=-1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=2.0km s-min=1.5km az=74.0.								
IDC	Error ellipse: s-maj=7.1km s-min=6.3km az=103.0.								
NEIC	Event type fe. Error ellipse: s-maj=2.9km s-min=2.0km az=173.0. Recorded [2 JMA] in southwestern Hokkaido and [1 JMA] in south-central and eastern Hokkaido. Also recorded [2 JMA] in Aomori and Iwate; [1 JMA] in Miyagi Prefectures, Honshu.								
BGS	Error ellipse: s-maj=82.8km s-min=196.9km az=-1.0.								
(171) South of Fiji Islands									
ISC	VI	18 00 59 44.3-67	25.05S-07	179.89E-08	493-9	4.4b	54	5-152	
ISCJB	VI	18 00 59 43.3-70	24.98S-07	179.83E-08	495-9	4.4b			¶10698994
MOS	VI	18 00 59 43.7-1.3	24.98S	179.86E	499	5.1b			
IDC	VI	18 00 59 43.8-93	25.04S	179.79E	480-9	4.8,4.0b			
NEIC	VI	18 00 59 44.5-77	24.96S	179.88E	498-9	4.6b,4.0b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=11.6km s-min=10.3km az=135.4.								
MOS	Error ellipse: s-maj=16.7km s-min=13.5km az=170.2.								
IDC	Error ellipse: s-maj=13.5km s-min=10.9km az=14.0.								
NEIC	Event type se. Error ellipse: s-maj=10.9km s-min=9.4km az=178.0.								
(280) Banda Sea									
ISC	VI	21 02 39 55.4-54	6.79S-03	127.23E-06	419-7	4.2b	93	3-152	
MOS	VI	21 02 39 49.1-92	6.64S	127.01E	359	5.0b			¶18495700
ISCJB	VI	21 02 39 54.1-59	6.75S-03	127.24E-06	422-7	4.2b			
BJI	VI	21 02 39 54.1	6.70S	127.20E	403	4.3b,4.2b			
NEIC	VI	21 02 39 54.2-1.1	6.73S	127.19E	404-13	4.4b,4.2b			
IDC	VI	21 02 39 55.0-1.8	6.79S	127.21E	412-20	4.6,3.8b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=20.2km s-min=8.6km az=104.8.								
ISCJB	Event type se. Error ellipse: s-maj=9.3km s-min=4.6km az=163.8.								

NEIC	Event type se. Error ellipse: s-maj=11.6km s-min=7.1km az=72.0.								
IDC	Error ellipse: s-maj=21.1km s-min=8.2km az=78.0.								
(663) Sea of Okhotsk									
ISC	VI	22 06 05 03.3-35	47.97N-04	147.43E-06	409-4	3.9b	88	3-148	
MOS	VI	22 06 05 02.6-1.2	48.02N	147.42E	415	3.9b			¶18750617
SKHL	VI	22 06 05 02.4-2.2	48.31N	147.34E	372-47	5.2s,4.7b			
ISCJB	VI	22 06 05 02.5-36	47.89N-04	147.47E-07	418-5	3.9b,4.7b			
JMA	VI	22 06 05 03.4-50	47.36N	147.97E	458	3.9,4.7b			
ISC	VI	22 06 05 05.0-1.8	48.05N	147.19E	423-21	4.2,3.6			
BJI	VI	22 06 05 05.4	48.10N	147.20E	429	4.6b,4.0b			
NEIC	VI	22 06 05 05.5-64	48.06N	147.23E	429-8	4.1b,4.0b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=15.4km s-min=9.9km az=81.3.								
ISCJB	Event type se. Error ellipse: s-maj=7.5km s-min=6.5km az=91.6.								
JMA	Error ellipse: s-maj=5.6km s-min=6.0km az=-1.0.								
IDC	Error ellipse: s-maj=18.2km s-min=11.7km az=131.0.								
NEIC	Event type se. Error ellipse: s-maj=12.8km s-min=7.4km az=133.0.								
(660) Sea of Japan									
ISC	VI	22 17 40 44.1-15	37.64N-03	135.53E-02	352-1	4.3b	346	1-160	
NIED	VI	22 17 40 00	37.60N	135.80E	360	4.5W			¶10699050
BJI	VI	22 17 40 42.6	37.68N	135.64E	377	5.0b,4.5b			
MOS	VI	22 17 40 42.6-89	37.66N	135.51E	356	4.5b,4.5b			
IDC	VI	22 17 40 43.3-67	37.63N	135.50E	347-7	4.6,4.0			
JMA	VI	22 17 40 43.3-10	37.60N	135.76E	369-1	4.2,4.0			
NEIC	VI	22 17 40 43.5-33	37.64N	135.52E	351-3	4.6b,4.5W			
ISCJB	VI	22 17 40 43.1-16	37.67N-03	135.47E-03	355-1	4.3b,4.5W			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:192.0000°; λ:880.0000°; λ:73.0000°. NP2:φ:73.0000°; λ:819.0000°; λ:150.0000°. M ₀ 6.370000×10 ¹⁵								
NEIC	Event type se. Moment Tensor Solution. M ₀ 6.400000×10 ¹⁵								
ISCJB	Event type se.								
(181) Fiji Islands region									
ISC	VI	23 00 29 48.1-1.5	17.90S-09	178.65W-05	627-19	4.5b	248	8-175	
SZGRF	VI	23 00 28 43.5	17.57S	177.71W	33	4.5b			¶18495830
MOS	VI	23 00 29 33.3-2.0	16.99S	178.72W	435	5.0b			
BJI	VI	23 00 29 37.1	17.40S	178.60W	485	4.7b,4.5b			
NEIC	VI	23 00 29 37.2-2.1	17.39S	178.64W	486-22	4.5b,4.5b			
IDC	VI	23 00 29 43.8-1.3	17.98S	178.44W	584-15	4.9,4.2			
ISCJB	VI	23 00 29 45.5-1.2	17.91S-09	178.66W-05	612-15	4.5b,4.2			
ISC	Event type se.								
SZGRF	Fiji Islands region.								
NEIC	Event type se.								
ISCJB	Event type se.								
(181) Fiji Islands region									
ISC	VI	27 02 59 16.5-09	19.96S-02	178.23W-02	575	5.9b	687	9-173	
ORF	VI	27 02 58 15.5	19.27S	178.31W	30	7.0b			¶18496015
SZGRF	VI	27 02 59 09.3	20.46S	176.83W	593	7.0b			
MOS	VI	27 02 59 13.9-78	19.68S	178.28W	554	6.1b			
CRAAG	VI	27 02 59 13.9	19.79S	178.25W	6.0b	</			

FELT AND DAMAGING EARTHQUAKES

Table of earthquake events in Northern Sumatera, Western Honshu, Eastern Honshu, Off east coast of North Island, South of Mariana Islands, Southern Illinois, and other regions. Includes columns for station codes, event times, magnitudes, depths, and descriptions.

Table of earthquake events in NEIC regions including Fiji Islands, Near east coast of Kamchatka Peninsula, Southwestern Ryukyu Islands, Ontario, Hokkaido region, and Mariana Islands. Includes columns for station codes, event times, magnitudes, depths, and descriptions.

NEIC Event type fe. Error ellipse: s-maj=4.9km s-min=4.1km az=121.0. Felt [IV] at Yigo and [III] at Barrigada and Santa Rita. Also felt at Agat, Asan and Hagatna. Felt [III] on Saipan and also felt on Rota and Tinian, Northern Mariana Islands. Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism. Moment Tensor Solution. s23 Moment tensor; Scale 1017Nm; M₁:0.105 Mw:1.96 Mw:4.89 Mw:1.94 Mw:2.98 Best double couple: NP1:φ:316.00000°; λ:150.00000°; NP2:φ:74.00000°; λ:81.00000°; λ:74.00000°. Principal axes: T 7.6000; Plg51.0000°; Azm326.0000°; N -3.2800; Plg16.0000°; Azm76.0000°; P -4.3200; Plg34.0000°; Azm177.0000°; M:6.00000×10¹⁷

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s78.c173; Mantle waves: s76.c199; Half duration: 1.9 Moment tensor; Scale 1017Nm; M₁:1.61±.08 Mw:3.19±.07; M₂:1.58±.09; M₃:4.47±.07; M₄:6.0±.07; M₅:2.47±.07; Best double couple: NP1:φ:313.00000°; λ:158.00000°; NP2:φ:64.00000°; λ:81.00000°; λ:67.00000°. Principal axes: T 5.7210; Plg49.0000°; Azm309.0000°; N 0.2240; Plg23.0000°; Azm68.0000°; P -5.9460; Plg32.0000°; Azm173.0000°; M:5.83400×10¹⁷

(71) Near coast of Guatemala

ISC	I	03 12 28 15.1-23	13.75N-03	90.32W-03	85	4.7b	168	1-149
CASC	I	03 12 28 13.4-2.6	13.48N	90.44W	22-7	5.1L,5.0b		18012069
ISCJB	I	03 12 28 13.2-23	13.70N-04	90.37W-03	83	4.7b,5.0b		
BJI	I	03 12 28 13.3	13.70N	90.10W	82	5.8s,5.4s		
IDC	I	03 12 28 14.0-49	13.93N	89.81W	85-3	4.6,4.4		
HRVD	I	03 12 28 13.8-60	13.78N	90.50W	46-7	5.1W,4.4		
NEIC	I	03 12 28 13.8-34	13.71N	90.12W	82	5.3,5.0b		

ISC Event type fe. Error ellipse: s-maj=4.7km s-min=4.1km az=1.0. CASC Event type fe. Error ellipse: s-maj=6.1km s-min=1.9km az=72.0. IDC Error ellipse: s-maj=15.5km s-min=8.8km az=67.0. HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s18.c20; Mantle waves: s40.c65; Half duration: 0 Moment tensor; Scale 1016 Nm; M₁:1.77±.49 Mw:0.44±.30; M₂:1.33±.32; M₃:3.59±.43; M₄:1.66±.28; M₅:3.23±.42; Best double couple: NP1:φ:161.00000°; λ:14.00000°; NP2:φ:312.00000°; λ:87.00000°; λ:97.00000°. Principal axes: T 5.6780; Plg33.0000°; Azm48.0000°; N -0.7350; Plg6.0000°; Azm313.0000°; P -4.9460; Plg56.0000°; Azm214.0000°; M:5.31200×10¹⁶

NEIC Event type fe. Error ellipse: s-maj=8.3km s-min=5.4km az=221.0. Felt [III] at San Salvador. (237) Southeast of Shikoku

ISC	I	03 15 42 41.1-74	31.67N-04	131.97E-07	35-8	3.8b	32	1-87
NIED	I	03 15 42 00	31.70N	132.10E	20	4.1W		19257616
IDC	I	03 15 42 35.6-75	31.66N	131.68E	0	4.0,3.9		
ISCJB	I	03 15 42 39.4-78	31.67N-05	132.05E-06	40-8	3.8b,3.9		
JMA	I	03 15 42 39.7-10	31.73N	132.09E	44-2	4.1,3.9		
NEIC	I	03 15 42 41.2-61	31.65N	131.89E	35	4.2b,3.9		

ISC Event type fe. Moment Tensor Solution. Best double couple: NP1:φ:192.00000°; λ:87.00000°. NP2:φ:356.00000°; λ:12.00000°; λ:106.00000°. M:1.70000×10¹⁵ Error ellipse: s-maj=24.5km s-min=17.0km az=97.0. IDC Error ellipse: s-maj=25.4km s-min=17.0km az=97.0.

ISCJB Event type fe. Error ellipse: s-maj=9.9km s-min=6.8km az=82.1. IDC Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0. NEIC Event type se. Error ellipse: s-maj=12.2km s-min=9.2km az=109.0. (70) Guatemala

ISC	I	03 20 33 53.0-67	14.14N-05	89.76W-05	8-5	4.0b,3.7s	40	0-138
INET	I	03 20 33 48.9	16.39N	87.44W	15	5.1,3.7s		19430397
GCG	I	03 20 33 51.5	14.16N	89.74W	6	4.4,4.1L		
CASC	I	03 20 33 51.7-3.3	14.06N	89.76W	-1-9	4.3,4.3L		
ISCJB	I	03 20 33 52.6-74	14.18N-06	89.74W-05	12-6	4.0b,3.7s		
IDC	I	03 20 33 59.5-7.5	14.40N	89.32W	64-75	4.0L,4.0		
NEIC	I	03 20 34 01.4-1.1	14.19N	89.46W	96-21	4.2,4.0		

ISC Event type fe. Error ellipse: s-maj=6.4km s-min=4.7km az=1.0. CASC Event type fe. Error ellipse: s-maj=11.7km s-min=4.9km az=80.8. IDC Error ellipse: s-maj=61.7km s-min=26.2km az=31.0. NEIC Event type fe. Error ellipse: s-maj=36.1km s-min=9.2km az=212.0. Felt [IV] at Candelaria. (100) Lake Maracaibo

ISC	I	03 22 15 07.3-88	9.91N-03	71.98W-03	27-7	4.7s,4.2b	86	1-153
NEIC	I	03 22 15 06.0	9.89N	71.92W	6	5.0W,4.3b		18012078
BJI	I	03 22 15 06.0	9.90N	71.90W	9	5.3s,5.0s		
FUNV	I	03 22 15 06.0	9.87N	71.96W	6	5.0W,5.0s		
ISCJB	I	03 22 15 07.0-44	9.90N-03	72.01W-03	44-5	4.7s,4.2b		
IDC	I	03 22 15 09.8-1.6	9.81N	71.92W	57-17	4.2,4.1		

ISC Event type fe. Felt [III] at Maracaibo. After CAR. NEIC Event type fe. Error ellipse: s-maj=5.2km s-min=4.3km az=113.7. IDC Error ellipse: s-maj=20.7km s-min=12.0km az=33.0. (48) Baja California

ISC	I	04 01 05 08.8-33	27.97N-03	112.15W-04	10	4.8s,4.8b	212	4-136
BJI	I	04 01 05 07.7	28.00N	112.10W	10	5.5b,5.1s		17997774
ISCJB	I	04 01 05 07.8-31	28.06N-03	112.12W-04	10	4.8s,4.8b		
HRVD	I	04 01 05 08.8-20	28.32N	112.28W	12	5.2W,4.8b		
IDC	I	04 01 05 08.9-81	28.30N	112.09W	0	4.8s,4.8		
MOS	I	04 01 05 08.0-1.0	28.11N	112.10W	10	5.1b,5.0s		
NEIC	I	04 01 05 08.8-32	27.96N	112.14W	10	5.1s,5.0b		

ISC Event type fe. Error ellipse: s-maj=5.8km s-min=3.9km az=103.7. ISCJB Event type fe. Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s51.c87; Mantle waves: s74.c148; Half duration: 1.0 Moment tensor; Scale 1017Nm; M₁:0.38±.02 Mw:0.53±.02; M₂:0.90±.02; M₃:0.14±.04; M₄:0.54±.01; M₅:0.09±.05; Best double couple: NP1:φ:241.00000°; λ:16.00000°; NP2:φ:336.00000°; λ:162.00000°. Principal axes: T 1.0870; Plg2.0000°; Azm108.0000°; N -0.3140; Plg67.0000°; Azm15.0000°; P -0.7720; Plg23.0000°; Azm199.0000°; M:0.92900×10¹⁷

HRVD Error ellipse: s-maj=17.5km s-min=10.5km az=39.0. IDC Error ellipse: s-maj=7.4km s-min=4.4km az=83.2. NEIC Event type fe. Error ellipse: s-maj=5.8km s-min=3.6km az=46.0. Felt [IV] at Hermosillo, Mexico. Also felt at Bahia de Kino, Guaymas and Mulege. (237) Southeast of Shikoku

ISC	I	04 04 48 05.5-1.4	31.68N-05	132.08E-07	31-10	3.6b	23	1-72
NIED	I	04 04 48 00	31.70N	132.10E	20	4.0W		19257634
IDC	I	04 04 48 01.4-91	31.53N	131.73E	0	3.7,3.6		
NEIC	I	04 04 48 03.5-5.1	31.55N	131.77E	14-33	4.1b,3.6		
ISCJB	I	04 04 48 04.1-1.4	31.63N-05	132.14E-08	32-10	3.6b,3.6		
JMA	I	04 04 48 05.4-10	31.73N	132.10E	44-2	3.7,3.6		

ISC Event type fe. Moment Tensor Solution. Best double couple: NP1:φ:209.00000°; λ:84.00000°. NP2:φ:335.00000°; λ:143.00000°. M:9.45000×10¹⁴ Error ellipse: s-maj=26.2km s-min=16.3km az=88.0. IDC Error ellipse: s-maj=17.4km s-min=10.8km az=104.0. NEIC Event type fe. Error ellipse: s-maj=11.5km s-min=8.2km az=20.9. ISCJB Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0. (228) Near east coast of eastern Honshu

JMA	I	04 06 24 31.8	40.19N	141.90E	39-1	3.9		
NIED	I	04 06 24 00	40.20N	141.90E	59	3.8W		19257637
JMA	I	04 06 24 31.8	40.19N	141.90E	39-1	3.9		

Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves: NP1: φ:323.00000°; λ:154.00000°. NP2: φ:65.00000°; λ:28.00000°. Principal axes: T Plg36.0000°; Azm285.0000°; N Plg54.0000°; Azm103.0000°; P Plg1.0000°; Azm194.0000°

NIED Moment Tensor Solution. Best double couple: NP1:φ:320.00000°; λ:158.00000°. NP2:φ:56.00000°; λ:16.00000°. M:4.92000×10¹⁴ (219) Off east coast of Kamchatka Peninsula

ISC	I	04 07 19 10.9-25	52.46N-03	159.87E-04	81	4.6b	239	1-112
SZGRF	I	04 07 19 03.4	51.76N	160.35E	33	4.8b		18029736
MOS	I	04 07 19 08.8-1.2	52.44N	159.80E	75	5.0b		
ISCJB	I	04 07 19 09.2-24	52.43N-03	159.96E-04	79	4.6b		
BJI	I	04 07 19 09.3	52.60N	159.50E	74	5.0b,4.6s		
KRSC	I	04 07 19 10.2-1.2	52.47N	160.02E	58-9	5.0L,4.6s		
NEIC	I	04 07 19 11.6-35	52.54N	159.80E	82	4.7b,4.6s		
IDC	I	04 07 19 11.5-58	52.59N	159.73E	81-4	4.5,4.3		

ISC Event type fe.

SZGRF Off east coast of Kamchatka Peninsula, Russia. MOS Event type fe. Error ellipse: s-maj=11.1km s-min=5.0km az=96.1. Felt (II-III) at Petropavlovsk-Kamchatskii. Moment Tensor Solution.

ISCJB Event type fe. Error ellipse: s-maj=4.5km s-min=3.0km az=90.6. KRSC Event type se. Error ellipse: s-maj=9.4km s-min=5.6km az=168.0. NEIC Error ellipse: s-maj=15.8km s-min=10.2km az=160.0. IDC (49) Gulf of California

ISC	I	04 08 32 33.5-14	28.23N-02	112.13W-02	14	6.8s,5.9b	682	4-149
BJI	I	04 08 32 30.0	28.54N	111.76W	12	7.1s,6.8s		17997776
ECX	I	04 08 32 30.4-31	28.06N	112.18W	7-0	6.5L,6.8s		
ISCJB	I	04 08 32 31.9-14	28.26N-02	112.12W-02	14	6.8s,5.9b		
IDC	I	04 08 32 31.0-43	28.43N	111.93W	0	6.7,6.7s		
MOS	I	04 08 32 31.6-18	28.28N	112.13W	10	7.1s,6.3b		
HRVD	I	04 08 32 32.4-10	28.38N	112.51W	15	6.6W,6.3b		
NEIC	I	04 08 32 32.4-19	28.16N	112.12W	14	7.1,6.7s		
IGIL	I	04 08 32 32.0	28.10N	112.07W	7	7.1s,6.7s		
BGS	I	04 08 32 34.0-2.0	28.10N	112.07W	10-0	6.0b,6.7s		
SZGRF	I	04 08 32 37.0	28.48N	113.09W	33	7.3s,6.0b		

ISC Event type fe. Error ellipse: s-maj=2.4km s-min=2.8km az=1.0. ECX Event type fe. Error ellipse: s-maj=3.3km s-min=2.1km az=102.7. ISCJB Error ellipse: s-maj=11.7km s-min=9.2km az=53.0. IDC Error ellipse: s-maj=5.6km s-min=3.7km az=85.8. MOS Error ellipse: s-maj=1.1km s-min=0.9km az=1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s86.c211; Mantle waves: s83.c374; Half duration: 4.8 Moment tensor; Scale 1019Nm; M₁:0.03±.01 Mw:0.93±.01; M₂:0.95±.01; M₃:0.00±.02; M₄:0.20±.01; M₅:0.04±.02; Best double couple: NP1:φ:129.00000°; λ:178.00000°; NP2:φ:219.00000°; λ:88.00000°; λ:2.00000°. Principal axes: T 0.9780; Plg2.0000°; Azm84.0000°; N -0.0320; Plg87.0000°; Azm256.0000°; P -0.9460; Plg0.0000°; Azm354.0000°; M:0.96200×10¹⁹

NEIC Event type fe. Error ellipse: s-maj=4.3km s-min=2.8km az=51.0. Felt [IV] at Guaymas, Hermosillo and Bahia de Kino, Mexico. Also felt at Guerrero Negro, Mulege, San Quintin and Santa Isabel. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution.

Broadband fault plane solution: P waves: NP1:φ:125.00000°; λ:180.00000°. NP2: φ:35.00000°; λ:15.00000°. Principal axes: T Plg11.0000°; Azm81.0000°; N Plg0.0000°; Azm0.0000°; P Plg11.0000°; Azm349.0000° Moment Tensor Solution. s34 Moment tensor; Scale 1018Nm; M₁:0.45 Mw:5.86 Mw:6.31 Mw:0.98 Mw:2.23 Mw:1.77 Best double couple: NP1:φ:125.00000°; λ:180.00000°. NP2:φ:35.00000°; λ:17.00000°. Principal axes: T 7.0500; Plg12.0000°; Azm81.0000°; N -0.5100; Plg73.0000°; Azm214.0000°; P -6.5300; Plg12.0000°; Azm348.0000°; M:6.80000×10¹⁸ Moment Tensor Solution. M:5.10000×10¹⁸

HRVD Error ellipse: s-maj=557.8km s-min=999.9km az=1.0. BGS Baja California, Mexico. SZGRF (460) Wyoming

ISC	I	04 19 09 22.3-55	43.67N-05	105.28W-07	0		26	1-20
ISCJB	I	04 19 09 20.8-56	43.67N-05	105.30W-07	0			19477634
NEIC	I	04 19 09 23.3-36	43.64N	105.30W	0	3.1L		
IDC	I	04 19 09 23.2-1.7	43.62N	105.34W	0	3.4,3.3		

ISC Event type fm. Error ellipse: s-maj=8.0km s-min=6.0km az=59.6. ISCJB Event type fm. Error ellipse: s-maj=5.3km s-min=4.1km az=126.0. 75 km [45 miles] SSE of Gillette. Suspected Mining explosion. IDC Error ellipse: s-maj=44.7km s-min=9.6km az=151.0. (528) Brazil

NEIC	I	04 22 54 37.7	24.43S	50.69W	10	4.3		110318269
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NEIC Event type fe. Felt [V] at Telemaco Borba. Also felt at Carambei, Castro, Embau, Ipiranga, Ponta Grossa and Tibagi. After BDF. (115) Near coast of Peru

ISC	I	05 01 37 32.9-1.
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BJJ I 05 23 16 50.1 15.60S 73.90W 68 5.4s,5.4b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=8.6km s-min=4.1km az=111.9.
 NEIC Event type fe. Error ellipse: s-maj=9.3km s-min=4.6km az=62.0. Felt (III) at Nazca.
 IDC Error ellipse: s-maj=17.4km s-min=10.3km az=61.0.
 HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s22,c26; Mantle waves: s33,c57; Half duration: 1s0 Moment tensor: Scale 10¹⁶Nm; M_r-0.63±.47 M₀-0.97±.31; M₁1.61±.52; M₂-4.06±.16; M₃1.06±.34; M₄-0.92±.27; Best double couple: NP1:φ:167.00000°; λ:173.00000°; NP2:φ:70.00000°; λ:87.00000°; λ-68.00000°. Principal axes: T 4.0580,Plg38.0000°; Azm141.0000°; N 0.8160,Plg22.0000°; Azm249.0000°; P -4.8690,Plg44.0000°; Azm2.0000°; M4.46300×10¹⁶

(328) East of Lake Baykal
 ISC I 06 01 56 38.8-16 51.78N-01 116.32E-02 10 4.5b,3.7s 305 2-151
 SZGRF I 06 01 56 36.6 49.92N 116.02E 33 4.7b,3.7s **18029832**
 ISCJB I 06 01 56 37.6-19 51.80N-02 116.25E-03 10 4.5b,3.7s
 IDC I 06 01 56 37.3-54 51.67N 116.40E 0 4.6,4.5
 BJJ I 06 01 56 37.9 51.68N 116.69E 7 5.6L,4.9b
 BYKL I 06 01 56 37.7-57 51.68N 116.47E 5 5.6L,4.9b
 NEIC I 06 01 56 38.9-17 51.72N 116.41E 10 4.6b,4.9b
 MOS I 06 01 56 39.5-12 51.72N 116.29E 26 4.7b,4.9b

ISC Event type fe.
 SZGRF Tuva-Buryatia-Mongolia border region.
 ISCJB Event type fe. Error ellipse: s-maj=2.8km s-min=2.3km az=177.5.
 IDC Error ellipse: s-maj=16.2km s-min=13.5km az=14.0.
 BYKL Event type se. #FAULT_PLANE Type Strike Dip Rake NP NS Plane Author # FM 327.00 36.00 72.00 24 0 IEC + 169.00 56.00 103.00 IEC #PRINAX sc T_val T_azim T_pl B_val B_azim B_pl P_val P_azim P_pl Author + eTv eBa eBp ePv ePa ePp fCLVD # 117.00 15.00 342.00 11.00 250.00 10.00 IEC + 24.66 11.53 22.00 11.62 25.01 3.60 IEC. FELT =V-VI MSK at Baleiy; V at Shilka, Nerchinsk, Pervomayskiy; IV at Chita, Olovyannaya, Sretensk, Bukachacha; III-IV at Shelopugino, Karymskoye.
 NEIC Event type se. Error ellipse: s-maj=4.6km s-min=3.7km az=165.0.
 MOS Event type fe. Error ellipse: s-maj=8.2km s-min=5.6km az=111.4. Felt (V-VI) at Balei; (V) at Shilka, Olovyannaya; (IV) at Chita. Moment Tensor Solution.

(83) South of Panama
 ISC I 06 03 39 58.9-11 6.69N-03 82.33W-02 6-6 5.8b,5.5s 638 2-170
 IDC I 06 03 39 57.0-54 6.64N 82.36W 0 5.4,5.4 **18029835**
 ISCJB I 06 03 39 57.5-17 6.74N-03 82.34W-02 7 5.8b,5.5s
 BJJ I 06 03 39 57.7 6.60N 82.30W 7 6.0s,5.9b
 MOS I 06 03 39 57.9-1.2 6.77N 82.29W 10 6.1b,5.6b
 NEIC I 06 03 39 58.5-1.7 6.64N 82.34W 7-10 6.6,6.1W
 HRVD I 06 03 39 58.5-10 6.60N 82.35W 15 6.0W,6.1W
 CASC I 06 03 39 59.1-2.7 6.77N 82.25W 13-26 5.9b,5.9W
 CRAAG I 06 03 40 00.3 7.07N 82.33W 6.0b,5.9W
 SZGRF I 06 03 40 08.2 7.84N 81.73W 33 5.8b,5.7s

ISC Event type fe.
 IDC Error ellipse: s-maj=20.0km s-min=11.9km az=53.0.
 ISCJB Event type fe. Error ellipse: s-maj=4.1km s-min=2.1km az=58.4.
 MOS Error ellipse: s-maj=8.2km s-min=4.5km az=106.6.
 NEIC Event type fe. Error ellipse: s-maj=4.8km s-min=2.6km az=205.0. Felt (III) at Bajo Boquete and David. Also felt at Panama City, Rio Sereno and Taboga. Felt at Golfito, San Vito and in the Valle Central, Costa Rica. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s38 Moment tensor: Scale 10¹⁸Nm; M_r0.23 M₀0.46 M₁0.69 M₂0.139 M₃0.39 M₄0.39 Best double couple: NP1:φ:101.00000°; λ:76.00000°; λ:0.00000°; NP2:φ:191.00000°; λ:89.00000°; λ-166.00000°. Principal axes: T 1.4300,Plg10.0000°; Azm325.0000°; N 0.2500,Plg76.0000°; Azm191.0000°; P -1.6800,Plg10.0000°; Azm57.0000°; M1.60000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ:105.00000°; λ:75.00000°; λ:5.00000°. NP2:φ:14.00000°; λ:85.00000°; λ:165.00000°. Principal axes: T Plg14.0000°; Azm328.0000°; N Plg0.0000°; Azm0.0000°; P Plg7.0000°; Azm60.0000°

HRVD Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s80,c181; Mantle waves: s87,c325; Half duration: 2s5 Moment tensor: Scale 10¹⁸Nm; M_r-0.05±0.1 M₀0.20±0.1; M₁0.15±0.1; M₂0.30±0.3; M₃1.21±0.1; M₄-0.02±0.3; Best double couple: NP1:φ:4.00000°; λ:179.00000°. NP2:φ:274.00000°; λ:89.00000°; λ-14.00000°. Principal axes: T 1.2850,Plg9.0000°; Azm320.0000°; N -0.0500,Plg76.0000°; Azm92.0000°; P -1.2350,Plg10.0000°; Azm228.0000°; M1.26000×10¹⁸
 CASC Error ellipse: s-maj=16.9km s-min=10.6km az=-1.0.
 SZGRF Panama.

(14) Kenai Peninsula
 ISC I 06 05 57 16.1-38 59.93N-04 151.21W-06 69-5 3.5b 62 1-145
 IDC I 06 05 57 13.4-17 59.98N 152.85W 57-19 4.1L,3.9
 ISCJB I 06 05 57 15.1-40 59.96N-04 151.82W-07 78-5 3.5b,3.9
 NEIC I 06 05 57 16.8 59.94N 151.89W 77 3.4b,3.9

ISC Event type fe.
 IDC Error ellipse: s-maj=25.3km s-min=8.6km az=114.0.
 ISCJB Event type fe. Error ellipse: s-maj=6.3km s-min=5.1km az=123.9.
 NEIC Event type fe. Felt at Anchorage and Homer. After AEIC.
(163) Cook Strait
 WEL I 06 16 24 17.8-03 41.10S 174.67E 33-0 4.0L
 NEIC I 06 16 24 18.1 41.11S 174.69E 34 4.1L **18029855**
 WEL Event type fe. Error ellipse: s-maj=0.4km s-min=0.4km az=90.0. Felt from Manawatu to Marlborough, maximum reported intensity MM 5.
 NEIC Event type fe. Felt in the Porirua-Tawa-Wellington area. After WEL.
(159) North Island
 WEL I 07 09 01 26.9-14 39.78S 177.00E 46-2 3.6L **19777288**

WEL Event type fe. Error ellipse: s-maj=1.3km s-min=0.9km az=90.0. Felt in the Hawke's Bay region, maximum reported intensity MM 4.
(159) North Island
 ISC I 07 13 31 12.3-51 38.20S-03 177.51E-05 57-5 3.7b 124 0-151
 IDC I 07 13 30 58.0-2.2 38.22S 178.59E 0 4.1,4.0L **18035069**
 ISCJB I 07 13 31 11.7-55 38.18S-03 177.50E-05 62-5 3.7b,4.0L
 WEL I 07 13 31 12.9-11 38.12S 177.48E 50-1 4.2L,4.0L
 NEIC I 07 13 31 13.0 38.13S 177.48E 50 4.3L,4.0b

ISC Event type fe.
 IDC Error ellipse: s-maj=66.9km s-min=30.2km az=153.0.
 ISCJB Event type fe. Error ellipse: s-maj=6.8km s-min=5.5km az=166.9.
 WEL Event type fe. Error ellipse: s-maj=1.0km s-min=0.9km az=90.0. Felt in the Bay of Plenty region, maximum reported intensity MM 4.
 NEIC Event type se. After WEL.
(12) Alaska Peninsula
 ISC I 07 18 55 38.9-13 56.35N-02 157.43W-03 62 5.4b 732 2-165
 BJJ I 07 18 55 34.7 56.22N 157.42W 59 5.7b,5.2b **18012157**
 MOS I 07 18 55 34.6-90 56.32N 157.52W 39 5.7b,4.2s
 ISCJB I 07 18 55 37.4-13 56.32N-02 157.40W-03 60 5.4b,4.2s
 ORF I 07 18 55 37.6 56.39N 158.50W 30 5.7b,4.2s
 NEIC I 07 18 55 38.8-13 56.32N 157.40W 59 5.4b,5.2L
 HRVD I 07 18 55 38.8-30 56.33N 157.45W 83-3 5.1W,5.2L
 IDC I 07 18 55 38.8-54 56.41N 157.38W 59-3 5.2,5.1
 BGS I 07 18 55 39.5-2.4 56.32N 157.40W 60-0 5.4b,5.1
 SZGRF I 07 18 55 44.0 56.85N 157.89W 61 5.5b,5.1

ISC Event type fe.
 MOS Error ellipse: s-maj=8.7km s-min=4.0km az=90.9.
 ISCJB Event type fe. Error ellipse: s-maj=3.4km s-min=2.2km az=17.2.
 NEIC Event type fe. Error ellipse: s-maj=3.2km s-min=2.3km az=199.0. Felt (IV) at Chignik and Perryville.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s49,c69; Mantle waves: s73,c137; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_r-0.52±.19 M₀-0.35±.20; M₁0.87±.18; M₂3.38±.11; M₃3.11±.14; M₄-2.08±.10; Best double couple: NP1:φ:349.00000°; λ:87.00000°; λ-174.00000°. NP2:φ:254.00000°; λ:87.00000°; λ-53.00000°. Principal axes: T 5.7480,Plg32.0000°; Azm315.0000°; N -1.7710,Plg37.0000°; Azm72.0000°; P -3.9780,Plg37.0000°; Azm197.0000°; M4.86300×10¹⁶
 IDC Error ellipse: s-maj=12.0km s-min=8.2km az=175.0.
 BGS Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.
 SZGRF Alaska Peninsula, United States.

(218) Near east coast of Kamchatka Peninsula
 ISC I 07 21 42 07.6-35 53.43N-03 160.11E-06 76-3 3.6b 97 0-86
 IDC I 07 21 42 05.0-38 53.68N 159.66E 56-36 3.9L,3.8 **18185034**
 MOS I 07 21 42 05.9-70 53.38N 160.20E 72 4.1b,3.8
 ISCJB I 07 21 42 06.7-35 53.43N-02 160.16E-06 77-4 3.6b,3.8
 KRSC I 07 21 42 06.8-90 53.46N 160.15E 68-3 4.4L,3.8
 NEIC I 07 21 42 07.2-1.0 53.69N 159.63E 78-11 4.4b,3.8

ISC Event type fe.
 IDC Error ellipse: s-maj=24.9km s-min=14.9km az=156.0.
 MOS Event type fe. Error ellipse: s-maj=20.1km s-min=9.3km az=72.0. Felt (II-III) at Petropavlovsk-Kamchatskii. Moment Tensor Solution.
 ISCJB Event type fe. Error ellipse: s-maj=6.9km s-min=2.9km az=54.0.
 KRSC Event type se.
 NEIC Event type se. Error ellipse: s-maj=16.6km s-min=10.1km az=157.0.
(327) Lake Baykal region
 BYKL I 08 10 32 27.7-19 52.69N 106.62E 10-4
 MOS I 08 10 32 27.3-12 52.66N 106.65E 9 4.2b **18185060**
 BYKL Event type se. FELT =III MSK at Yelantsy, Tyrgan.
 MOS Event type fe. Error ellipse: s-maj=24.4km s-min=15.0km az=50.7. Felt (II-III) at Tyrgan. Moment Tensor Solution.

(368) Southern Greece
 ISC I 08 11 34 54.6-16 36.28N-01 23.269E-01 58-1 6.5b,6.4s 2216 1-166
 HLW I 08 11 34 46.5 36.55N 23.53E 63 6.7b,6.4s **18012175**
 BJJ I 08 11 34 49.0 36.18N 22.83E 64 7.0b,6.6s
 CSEM I 08 11 34 50.8 36.29N 23.24E 30 6.5b,6.6s
 NIC I 08 11 34 50.4-40 36.18N 23.14E 31 6.5b,6.6s
 PDA I 08 11 34 50.8 36.30N 23.20E 30 6.5b,6.6s
 CRAAG I 08 11 34 51.7 36.28N 23.24E 6.6W,6.6s
 PDG I 08 11 34 51.6-65 36.07N 23.09E 40-11 6.6W,6.6s
 ISCJB I 08 11 34 52.5-18 36.25N-01 23.273E-01 53-1 6.5b,6.4s
 THE I 08 11 34 53.9 36.17N 23.33E 70 6.4L,6.4s
 BGS I 08 11 34 53.4 36.35N 23.13E 33 6.5b,6.4s
 MOS I 08 11 34 53.9-1.3 36.33N 23.33E 66 6.8b,6.4s
 SZGRF I 08 11 34 53.4 36.27N 22.98E 10 6.5s,6.3b
 IDC I 08 11 34 54.4-1.1 36.24N 23.43E 59-9 6.5s,6.5
 ATH I 08 11 34 54.0 36.21N 23.41E 69-4 6.3L,6.5
 HRVD I 08 11 34 55.6-10 35.93N 23.29E 64 6.7W,6.5
 NEIC I 08 11 34 55.6-14 36.31N 23.21E 66 6.7W,6.7
 IGIL I 08 11 34 55.0 36.31N 23.25E 60 6.3s,6.7
 DHMR I 08 11 34 55.1 36.36N 23.29E 64 6.4b,6.7
 GRAL I 08 11 34 57.0-3.3 35.47N 23.97E 0-686 6.4,6.7
 UPP I 08 11 35 03.8 36.04N 23.66E 25 4.1L,6.7

ISC Event type de.
 NIC Earthquake Southern Greece 28 km NE Kithira.
 PDG Error ellipse: s-maj=3.0km s-min=3.1km az=-1.0.
 ISCJB Event type de. Error ellipse: s-maj=2.0km s-min=1.2km az=25.1.
 MOS Error ellipse: s-maj=4.2km s-min=2.4km az=93.7.
 SZGRF Southern Greece.
 IDC Error ellipse: s-maj=8.9km s-min=7.5km az=77.0.
 ATH Error ellipse: s-maj=1.2km s-min=1.2km az=-1.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s88,c232; Mantle waves: s89,c376; Half duration: 5s6 Moment tensor: Scale 10¹⁹Nm; M_r1.13±.01 M₀0.54±.01; M₁0.59±.01; M₂0.45±.01; M₃1.12±.01; M₄-0.02±.01; Best double couple: NP1:φ:201.00000°; λ:84.00000°; λ:55.00000°. NP2:φ:66.00000°; λ:85.00000°; λ:119.00000°. Principal axes: T 1.3090,Plg65.0000°; Azm32.0000°; N 0.4070,Plg24.0000°; Azm228.0000°; P -1.7170,Plg6.0000°; Azm135.0000°; M1.51300×10¹⁹

NEIC Event type de. Error ellipse: s-maj=2.7km s-min=1.8km az=11.0. Three people slightly injured on Crete. Eighty homes and an airport damaged and phone service interrupted on Kithira. Minor damage and phone service interrupted on Crete and in Lakonia. Minor damage also on Karpathos. Felt (VI) at Amarois; (V) at Chania, Iraklion, Kalamata and Nea Smirni; (IV) at Athens, Gifadha and Oikismos Papagou; (III) at Ermoupolis and Kifisia; (II) at Psikhion. Also felt (IV) at Catania and Motta Sant'Anastasia; (III) at Cattagione and Rutigliano; (II) at Campobasso, Italy. Felt (III) at Mgarr, Naxos and San Għiljan, Malta. Also felt (III) at Al Jizah and Cairo, Egypt. Felt in most of Greece and Southern Italy and at Tirana, Albania; Mostar and Sarajevo, Bosnia and Herzegovina; Ramat Gan, Israel; Amman, Jordan; Awjilah, Libya; Ohrid, Macedonia; Podgorica, Serbia and Montenegro and Izmir, Turkey. Complex event. A small event is followed by a larger event about 3 seconds later. Depth from synthetics of broadband displacement seismograms based on larger event. Energy computed from BB mechanism. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:65.00000°; λ:110.00000°. NP2: φ:213.00000°; λ:40.00000°. Principal axes: T Plg72.0000°; Azm26.0000°; N Plg0.0000°; Azm0.0000°; P Plg8.0000°; Azm141.0000° Moment Tensor Solution. s67 Moment tensor: Scale 10¹⁹Nm; M_r1.04 M₀-0.21 M₁0.83 M₂0.44 M₃0.71 M₄0.02 Best double couple: NP1:φ:193.00000°; λ:84.00000°; λ:59.00000°. NP2:φ:52.00000°; λ:84.00000°; λ:115.00000°. Principal axes: T 1.2000,Plg69.0000°; Azm18.0000°; N 0.1200,Plg20.0000°; Azm217.0000°; P -1.3300,Plg6.0000°; Azm125.0000°; M1.30000×10¹⁹ Moment Tensor Solution. M1.30000×10¹⁹
 GRAL Error ellipse: s-maj=138.6km s-min=680.3km az=-1.0.

(460) Wyoming
 ISC I 08 16 03 28.7-52 44.10N-05 105.30W-07 0 28 1-19
 ISCJB I 08 16 03 27.3-54 44.11N-04 105.32W-07 0 3.9L,3.8L **19479039**
 IDC I 08 16 03 27.9-1.6 44.06N 105.56W 0 3.3,3.1L
 NEIC I 08 16 03 28.8-34 44.08N 105.31W 0 3.0L,3.1L

ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=7.2km s-min=6.2km az=43.8.
 IDC Error ellipse: s-maj=42.1km s-min=8.3km az=146.0.
 NEIC Event type fm. Error ellipse: s-maj=4.8km s-min=4.2km az=125.0. 30 km [15 miles] SE of Gillette. Suspected Mining explosion.
(244) Taiwan
 ISC I 08 17 01 37.6-1.1 23.17N-03 121.53E-02 17-6 4.6b,4.3s 208 1-169
 NIED I 08 17 01 00 23.10N 121.50E 77 5.0W,4.3s **18029906**
 NEIC I 08 17 01 35.8-26 23.12N 121.53E 10 4.7b,4.3s
 BJJ I 08 17 01 35.3 23.28N 121.45E 10 4.8L,4.8b
 ISCJB I 08 17 01 36.5-89 23.15N-03 121.51E-02 22-6 4.6b,4.3s
 JMA I 08 17 01 38.0-20 23.12N 121.47E 77 4.6,4.3s
 MOS I 08 17 01 38.7-1.1 23.29N 121.51E 33 4.9b,4.3s
 IDC I 08 17 01 39.5-2.1 23.06N 121.61E 42-18 4.5,4.4
 SZGRF I 08 17 01 41.1 23.31N 121.41E 33 4.7b,4.4

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:235.00000°; λ:98.00000°. NP2: φ:127.00000°; λ:8.00000°. Principal axes: T 1.80000°; λ:0.00000°. M4.02000×10¹⁶
 NEIC Event type fe. Error ellipse: s-maj=7.4km s-min=5.9km az=81.0. Recorded [4 TAP] in Tai-tung; [3 TAP] in Hua-lien; [2 TAP] in Chang-hua, Nan-tou and Yun-lin; [1 TAP] in Chia-i, Kao-hsiung, Miao-li, Ping-tung, T'ai-chung and T'ai-nan Counties.
 ISCJB Event type fe. Error ellipse: s-maj=5.4km s-min=3.2km az=150.1.
 JMA Error ellipse: s-maj=2.2km s-min=2.0km az=-1.0.
 MOS Error ellipse: s-maj=11.2km s-min=6.2km az=116.9.
 IDC Error ellipse: s-maj=18.1km s-min=11.9km az=67.0.
 SZGRF Taiwan.

(259) Mindanao
 ISC I 09 00 09 20.2-78 9.10N-04 125.77E-04 23-6 4.2b,4.0s 63 0-97
 IDC I 09 00 09 15.5-78 8.99N 125.64E 0 4.2,4.1 **18095348**
 MOS I 09 00 09 19.8-69 8.73N 125.37E 47 4.6b,4.1
 MAN I 09 00 09 20.6 9.09N 125.64E 15 5.2L,4.4b
 ISCJB I 09 00 09 21.0-54 9.11N-04 125.73E-04 43-5 4.2b,4.0s
 NEIC I 09 00 09 22.0-2.0 9.05N 125.74E 46-18 4.5b,4.0s

ISC Event type fe.
 IDC Error ellipse: s-maj=49.4km s-min=18.7km az=67.0.
 MOS Error ellipse: s-maj=41.1km s-min=12.8km az=112.6.
 MAN Event type fe. F BUTUAN CITY - INTENSITY II.
 ISCJB Event type fe. Error ellipse: s-maj=7.8km s-min=5.4km az=110.3.
 NEIC Event type fe. Error ellipse: s-maj=36.0km s-min=10.6km az=72.0. Felt (II PIVS) at Butuan.
(250) Mindoro
 ISC I 09 02 40 22.3-17 13.35N-02 120.17E-02 10 4.8b,4.7s 220 0-151
 ISCJB I 09 02 40 20.7-17 13.34N-02 120.11E-02 10 4.8b,4.7s **18035732**
 MAN I 09 02 40 20.5 13.33N 120.14E 0 5.5L,4.9b
 MOS I 09 02 40 22.8-1.4 13.41N 120.41E 33 4.9s,4.9b
 SZGRF I 09 02 40 23.4 13.21N 121.08E 33 5.2s,4.9b
 BJJ I 09 02 40 24.9 13.22N 120.46E 63 5.0b,4.9s

IDC I 09 02 40 25.6-1.7 13.30N 120.32E 51-14 4.7s,4.7
 HRVD I 09 02 40 25.4-40 13.26N 120.20E 25-1 5.3W,4.7
 NEIC I 09 02 40 25.4-32 13.43N 120.43E 42 4.9b,4.4s
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=2.9km s-min=2.5km az=164.3.
 MAN Event type fe. F LOOC LUBANG OCC MINDORO & MAKATI CITY - INTENSITY III PTO GALERA & SUCAT PARANAQUE INTENSITY II.
 MOS Error ellipse: s-maj=12.7km s-min=6.3km az=113.8.
 SZGRF Mindoro, Philippine Islands.
 IDC Error ellipse: s-maj=19.3km s-min=13.4km az=92.0.
 HRVD Error ellipse: s-maj=2.2km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s64,c51; Mantle waves: s58,c97;Half duration: 1s0 Moment tensor: Scale 1017Nm; M_r-0.29±0.2 M₀-1.7±0.2; M₁-0.45±0.2; M₂-0.06±0.4; M₃-0.32±0.1; M₄-0.82±0.7; Best double couple: NP1:φ=301.00000°; λ=31.00000°; λ=35.00000°; NP2:φ=178.00000°; λ=878.00000°; λ=108.00000°; Principal axes: T 0.8430,Plg54.0000°; Azm110.0000°; N -0.2160,Plg17.0000°; Azm354.0000°; P -1.0600,Plg31.0000°; Azm254.0000°; M₀95200×10¹⁷

NEIC Event type fe. Error ellipse: s-maj=10.4km s-min=7.0km az=87.0. Felt [III PIVS] at Looc and Lubang and [II PIVS] at Puerto Galera. Also felt [III PIVS] at Makati and [II PIVS] at Manila, Sucat and Tagaytay, Luzon.
 (230) Near south coast of eastern Honshu
 ISC I 09 05 48 42.2-58 34.93N-04 137.39E-06 36-14 17 0-2
 NIED I 09 05 48 00 35.00N 137.40E 38 3.8W
 ISCJB I 09 05 48 41.9-63 34.93N-04 137.39E-06 39-13 3.8W
 JMA I 09 05 48 42.2 34.98N 137.42E 41 3.9
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=350.00000°; λ=109.00000°; NP2:φ=201.00000°; λ=65.00000°; M₀4.88000×10¹⁴
 ISCJB Event type fe. Error ellipse: s-maj=8.5km s-min=6.3km az=34.5.
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=201.00000°; λ=44.00000°; NP2:φ=335.00000°; λ=120.00000°; Principal axes: T Plg6.0000°; Azm86.0000°; N Plg24.0000°; Azm353.0000°; P Plg65.0000°; Azm189.0000°

(447) Northern Quebec
 ISC I 09 15 35 39.2-30 45.06N-01 73.94W-02 17-2 3.1b 204 0-146
 ISCJB I 09 15 35 37.4-18 45.08N-01 73.94W-02 15 3.1b
 NEIC I 09 15 35 40.0 45.03N 73.90W 15 3.5W
 OTT I 09 15 35 40.0-03 45.03N 73.90W 15 4.2
 IDC I 09 15 35 39.7-1.9 45.12N 74.05W 0 3.7,3.4
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=2.2km s-min=1.5km az=129.5.
 NEIC Event type fe. Felt in the Hemmingford-Huntingdon-Montreal area. Felt [IV] at Altonna, Ellenburg Center, Lyon Mountain, Mooers, Mooers Forks and Saranac; [III] at Champlain, Chateaugay, Chazy, Constable, Ellenburg Depot, Fort Covington, Jay, Keeseville, Lake Placid, Malone, Morrisonville, Peru, Rouses Point, Saranac Lake, Vermontville, West Chazy and Wilmington; [II] at Plattsburgh and Upper Jay, New York. Also felt [III] at Albarga, Highgate Center, Swanton and Underhill; [I] at Essex Junction, Milton, Montpelier, Saint Albans, Stowe, Williston and Wolcott, Vermont. After OTT. Moment Tensor Solution. M₀2.00000×10¹⁴

OTT Event type fe. 13km southeast of Ormstown, Qc. Felt 13km southwest of Saint-Chrysostome 22km east from Huntingdon, Qc. Western Quebec Seismic Zone.
 IDC Error ellipse: s-maj=29.5km s-min=9.4km az=155.0.

(739) Azores-Cape St. Vincent Ridge
 ISC I 09 16 40 44.9-14 37.13N-02 14.10W-02 10 5.2b,5.0s 1369 4-149
 IDC I 09 16 40 42.8-45 37.02N 14.38W 0 4.9,4.9
 ISCJB I 09 16 40 42.8-15 37.06N-02 14.05W-02 10 5.2b,5.0s
 SZGRF I 09 16 40 42.3 36.84N 15.07W 33 5.3b,4.5s
 PDA I 09 16 40 43.0 37.27N 14.23W 2 5.3b,4.5s
 CRAAG I 09 16 40 43.0 37.27N 14.23W 5 5.3b,4.5s
 MOS I 09 16 40 43.5-1.1 37.20N 14.35W 10 5.5b,4.9s
 SFS I 09 16 40 43.0 37.12N 14.30W 24 5.8L,4.9s
 CSEM I 09 16 40 43.0 37.27N 14.23W 2 5.3b,4.9s
 HRVD I 09 16 40 44.3-20 37.16N 14.27W 14-1 5.4W,4.9s
 MDD I 09 16 40 44.6-1.2 37.13N 14.25W 23-15 5.9b,4.9s
 BJI I 09 16 40 44.2 37.00N 14.10W 10 5.6s,5.6b
 NEIC I 09 16 40 44.3-21 37.05N 14.12W 10 5.3b,4.9s
 LDG I 09 16 40 45.9-11 37.19N 14.29W 25-0 5.3L,4.7s
 IGIL I 09 16 40 46.3 36.90N 14.10W 25 5.2L,4.7s
 INMG I 09 16 40 47.1-2.0 37.01N 14.32W 10-0 5.9b,5.1L
 CNRM I 09 16 40 52.0 36.92N 13.54W 30 4.7,5.1L
 BGS I 09 16 41 02.1-2.2 38.13N 12.72W 10-0 5.5b,5.1L
 ISC Event type fe.
 IDC Error ellipse: s-maj=12.2km s-min=10.6km az=160.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.0km s-min=1.9km az=176.7.
 SZGRF Azores-Cape St. Vincent Ridge.
 MOS Error ellipse: s-maj=7.2km s-min=2.8km az=46.4.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s67,c123; Mantle waves: s76,c159;Half duration: 1s2 Moment tensor: Scale 1017Nm; M_r-0.07±0.2 M₀-0.93±0.2; M₁-1.00±0.2; M₂-0.24±0.4; M₃-0.90±0.2; M₄-0.01±0.4; Best double couple: NP1:φ=23.00000°; λ=80.00000°; λ=5.00000°; NP2:φ=114.00000°; λ=885.00000°; λ=170.00000°; Principal axes: T 1.3610,Plg3.0000°; Azm248.0000°; N -0.0370,Plg79.0000°; Azm140.0000°; P -1.3280,Plg10.0000°; Azm339.0000°; M₀1.34400×10¹⁷

MDD Event type fe. Error ellipse: s-maj=13.2km s-min=7.0km az=86.0. EMS: III LISBOA <MM - IMG>. PRXIMO.
 NEIC Event type se. Error ellipse: s-maj=5.3km s-min=2.5km az=170.0.
 LDG Event type ke. Error ellipse: s-maj=4.3km s-min=2.3km az=163.0.
 INMG Event type ke. Error ellipse: s-maj=7.6km s-min=2.6km az=118.0.
 BGS Error ellipse: s-maj=20.5km s-min=49.0km az=1.0.
 (228) Near east coast of eastern Honshu
 ISC I 09 23 17 08.5-1.2 38.84N-05 142.4E-10 46-10 4.0b 32 1-59
 NIED I 09 23 17 00 38.80N 142.40E 65 3.8W
 IDC I 09 23 17 04.9-2.8 39.25N 142.23E 0 3.4,3.3L
 NEIC I 09 23 17 07.6 38.80N 142.42E 42 4.7b,3.7W
 JMA I 09 23 17 07.6-10 38.80N 142.42E 42-2 3.9,3.7W
 ISCJB I 09 23 17 07.6-1.2 38.83N-05 142.4E-10 55-9 4.0b,3.7W
 MOS I 09 23 17 08.5-88 39.27N 141.96E 33 4.9b,3.7W
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=26.00000°; λ=117.00000°; NP2:φ=154.00000°; λ=636.00000°; λ=44.00000°; M₀5.07000×10¹⁴
 IDC Error ellipse: s-maj=75.9km s-min=27.7km az=139.0.
 NEIC Event type fe. Recorded [I JMA] in Iwate Prefecture. After JMA. Moment Tensor Solution. M₀5.10000×10¹⁴

JMA Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=16.4km s-min=7.7km az=31.7.
 MOS Error ellipse: s-maj=23.4km s-min=15.8km az=56.2.
 (739) Azores-Cape St. Vincent Ridge

ISC I 10 01 09 31.9-13 37.15N-02 14.12W-02 10 5.3b,5.2s 1398 4-172
 CSEM I 10 01 09 31.5 37.01N 14.27W 2 5.4b,5.2s
 CRAAG I 10 01 09 31.5 37.01N 14.27W 5 5.4b,5.2s
 PDA I 10 01 09 31.5 37.01N 14.27W 2 5.4b,5.2s
 ISCJB I 10 01 09 32.8-14 37.09N-02 14.08W-02 10 5.3b,5.2s
 SZGRF I 10 01 09 32.9 36.55N 14.66W 33 5.4b,4.9s
 IDC I 10 01 09 32.5-44 37.05N 14.36W 0 5.3,5.3s
 BJI I 10 01 09 33.2 37.10N 14.10W 10 5.9s,5.6b
 SFS I 10 01 09 33.0 37.10N 14.20W 8 5.7L,5.6b
 MDD I 10 01 09 33.3-71 37.08N 14.38W 30 5.7b,5.6b
 HRVD I 10 01 09 34.2-10 37.14N 14.26W 15-0 5.5W,5.6b
 NEIC I 10 01 09 34.2-20 37.06N 14.13W 10 5.4b,5.2s
 MOS I 10 01 09 34.9-1.4 37.48N 14.36W 10 5.5b,5.1s
 IGIL I 10 01 09 35.0 37.06N 14.00W 0 4.8L,5.1s
 LDG I 10 01 09 35.7-09 37.18N 14.31W 25-0 5.3L,5.0s
 INMG I 10 01 09 36.1-1.7 37.00N 14.38W 10-0 5.7b,5.0L
 CNRM I 10 01 09 37.0 36.96N 14.03W 30 4.7,5.0L
 BGS I 10 01 10 01.8-2.3 39.11N 13.12W 10-0 5.5b,5.0L
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=2.9km s-min=1.8km az=171.4.
 SZGRF Azores-Cape St. Vincent Ridge.
 IDC Error ellipse: s-maj=12.2km s-min=11.1km az=166.0.

MDD Event type fe. Error ellipse: s-maj=8.2km s-min=4.8km az=117.0. EMS: II-III - LISBOA <MM - IMG>. PRXIMO PROFUNDIDAD POBRE.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s64,c129; Mantle waves: s83,c187;Half duration: 1s4 Moment tensor: Scale 1017Nm; M_r-0.18±0.03 M₀-1.74±0.4; M₁-0.93±0.4; M₂-0.47±0.8; M₃-1.54±0.3; M₄-0.08±0.7; Best double couple: NP1:φ=24.00000°; λ=77.00000°; λ=7.00000°; NP2:φ=116.00000°; λ=883.00000°; λ=170.00000°; Principal axes: T 2.4940,Plg2.0000°; Azm250.0000°; N -0.0870,Plg78.0000°; Azm151.0000°; P -2.4010,Plg12.0000°; Azm340.0000°; M₀2.44700×10¹⁷
 NEIC Event type fe. Error ellipse: s-maj=5.1km s-min=2.6km az=167.0. Felt at Oeiras and Sao Juliao da Barra, Portugal.
 MOS Error ellipse: s-maj=7.6km s-min=2.6km az=46.6.
 LDG Event type ke. Error ellipse: s-maj=3.8km s-min=2.0km az=159.0.
 INMG Event type ke. Error ellipse: s-maj=6.0km s-min=3.8km az=108.0.
 BGS Error ellipse: s-maj=138.7km s-min=76.3km az=1.0.

(224) Hokkaido region
 ISC I 10 01 21 44.6-22 42.88N-03 143.74E-03 86 4.4b 219 0-114
 NIED I 10 01 21 00 42.90N 143.70E 83 4.3W
 BJI I 10 01 21 43.9 43.10N 143.83E 96 4.9b,4.7b
 ISCJB I 10 01 21 43.4-22 42.86N-03 143.71E-03 84 4.4b,4.7b
 MOS I 10 01 21 43.9-70 42.86N 143.62E 90 4.6b,4.7b
 IDC I 10 01 21 44.8-63 42.81N 143.67E 88-4 4.5,4.3
 JMA I 10 01 21 44.7-10 42.87N 143.71E 85-1 4.2,4.3
 NEIC I 10 01 21 44.9-24 42.92N 143.70E 86 4.6b,4.3W
 SKHL I 10 01 21 46.1-50 43.10N 143.60E 112-35 6.0,5.9s
 SZGRF I 10 01 21 50.3 44.50N 141.50E 33 4.8b,5.9s
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=235.00000°; λ=89.00000°; NP2:φ=60.00000°; λ=38.00000°; λ=94.00000°; M₀3.51000×10¹⁵
 ISCJB Event type fe. Error ellipse: s-maj=4.3km s-min=3.1km az=109.6.
 MOS Error ellipse: s-maj=10.1km s-min=5.3km az=107.7.
 IDC Error ellipse: s-maj=13.6km s-min=8.1km az=52.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=9.00000°; λ=6.00000°; NP2: φ=223.00000°; λ=87.00000°; λ=92.00000°; Principal axes: T Plg48.0000°; Azm135.0000°; N Plg2.0000°; Azm43.0000°; P Plg42.0000°; Azm311.0000°
 NEIC Event type fe. Error ellipse: s-maj=6.2km s-min=4.4km az=149.0. Recorded [2 JMA] in south-central Hokkaido and [1 JMA] in eastern Hokkaido. Moment Tensor Solution. M₀3.50000×10¹⁵

SZGRF Hokkaido, Japan, region.
 (99) Northern Colombia
 ISC I 10 03 14 42.5-19 6.72N-03 72.89W-02 165 4.8b 307 1-150
 ISCJB I 10 03 14 40.7-19 6.72N-03 72.93W-02 163 4.8b
 MOS I 10 03 14 40.1-88 6.80N 73.01W 150 5.3b
 FUNV I 10 03 14 40.4 6.78N 73.13W 181 5.4W
 IDC I 10 03 14 41.8-41 6.77N 72.96W 159-3 4.8,4.6
 NEIC I 10 03 14 41.9-17 6.68N 72.91W 163 5.0b,4.6
 BJI I 10 03 14 41.8 6.70N 72.90W 163 5.3b,4.6
 HRVD I 10 03 14 41.9-50 6.89N 73.20W 172-5 5.0W,4.6
 SZGRF I 10 03 14 45.8 6.63N 72.78W 187 4.8b,4.6
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=3.8km s-min=3.4km az=142.6.
 MOS Error ellipse: s-maj=10.6km s-min=6.7km az=93.7.
 IDC Error ellipse: s-maj=8.2km s-min=6.4km az=110.0.
 NEIC Event type fe. Error ellipse: s-maj=4.3km s-min=3.5km az=33.0. Felt [II] at Bogota. Also felt at Bucaramanga and Medellin.

HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s13,c13; Mantle waves: s64,c95;Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_r-2.07±2.2 M₀-1.67±2.2; M₁-3.73±2.5; M₂-2.25±1.4; M₃-0.19±2.2; M₄-1.50±1.9; Best double couple: NP1:φ=32.00000°; λ=843.00000°; λ=151.00000°; NP2:φ=114.00000°; λ=870.00000°; λ=170.00000°; Principal axes: T 4.2530,Plg49.0000°; Azm11.0000°; N -0.0480,Plg37.0000°; Azm159.0000°; P -4.1950,Plg16.0000°; Azm262.0000°; M₀4.22400×10¹⁶

SZGRF Northern Colombia.
 (385) Strait of Gibraltar
 ISC I 10 10 57 39.8-42 36.40N-02 7.51W-02 10 3.8b 404 1-25
 IDC I 10 10 57 34.4-3.1 36.17N 7.87W 0 4.8L,4.1
 ISCJB I 10 10 57 36.4-37 36.29N-02 7.58W-02 10 3.8b,4.1
 MDD I 10 10 57 40.1-50 36.15N 7.71W 46-23 5.1b,4.1
 NEIC I 10 10 57 40.4 36.34N 7.50W 2 4.5L,4.0
 INMG I 10 10 57 41.1-1.0 36.16N 7.67W 31-0 3.8L,4.0
 CSEM I 10 10 57 41.7-24 36.26N 7.58W 30 4.3L,4.0
 LDG I 10 10 57 41.2-17 36.23N 7.63W 20-0 4.5L,4.0
 IGIL I 10 10 57 42.1 36.40N 7.80W 0 3.8L,4.0
 SFS I 10 10 57 43.1 36.30N 7.50W 29 3.7L,4.0
 CNRM I 10 10 57 44.0 35.72N 7.52W 30 3.7,4.0
 STR I 10 10 57 56.0-28 37.18N 6.65W 10-1 4.0L,4.0
 ISC Event type fe.
 IDC Error ellipse: s-maj=55.4km s-min=20.7km az=106.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.7km s-min=2.0km az=70.2.
 MDD Event type fe. Error ellipse: s-maj=5.5km s-min=3.2km az=40.0. EMS: II - HUELVA, PRXIMO.
 NEIC Event type fe. Felt [II] at Huelva, Spain. After MDD.
 INMG Event type ke. Error ellipse: s-maj=2.5km s-min=1.6km az=51.0.
 CSEM Event type ke. Error ellipse: s-maj=5.1km s-min=2.3km az=31.0.
 LDG Event type ke. Error ellipse: s-maj=3.6km s-min=1.7km az=26.0.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.

(259) Mindanao
 ISC I 10 10 59 36.8-28 8.77N-02 126.75E-03 10 4.6b,4.0s 118 1-164
 ISCJB I 10 10 59 34.8-28 8.74N-03 126.84E-03 10 4.6b,4.0s
 BJI I 10 10 59 39.8 8.26N 126.83E 85 5.0b,4.8b
 MAN I 10 10 59 39.5 8.77N 126.52E 5 5.2L,4.4b
 MOS I 10 10 59 45.1-1.5 8.67N 126.51E 101 4.8b,4.4b
 NEIC I 10 10 59 45.5-1.2 8.61N 126.58E 88-11 4.8b,4.4b
 IDC I 10 10 59 46.8-3.1 8.65N 126.57E 99-28 4.6,4.3
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=4.9km s-min=3.4km az=37.7.
 MAN Event type fe. F BISLIG SURIGAO DEL SUR - INTENSITY III BUTUAN CITY INTENSITY II.
 MOS Error ellipse: s-maj=15.5km s-min=7.7km az=103.2.
 NEIC Event type se. Error ellipse: s-maj=13.4km s-min=6.9km az=82.0.
 IDC Error ellipse: s-maj=21.0km s-min=11.0km az=74.0.

(249) Luzon
 IDC I 10 11 13 24.2 16.55N 120.49E 7 4.6L,3.4b
 MAN Event type fe. F BAGUIO CITY - INTENSITY II.
 (115) Near coast of Peru

ISC I 10 13 19 24.3-1.6 14.2S-10 76.2W-20 58-16 3.6b,2.6s 16 2-146
 ISCJB I 10 13 19 22.9-1.7 14.2S-10 76.2W-20 62-17 3.6b,2.6s
 NEIC I 10 13 19 23.7-86 14.22S 76.19W 48 4.2b,2.6s
 IDC I 10 13 19 23.3-1.0 14.33S 76.15W 48-8 3.7,3.7
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=29.8km s-min=12.4km az=104.2.
 NEIC Event type fe. Error ellipse: s-maj=22.5km s-min=11.1km az=50.0. Felt [III] at Ica.
 IDC Error ellipse: s-maj=41.1km s-min=22.5km az=44.0.
 (224) Hokkaido region
 ISC I 10 15 07 00.1-25 43.45N-03 145.18E-03 123-1 4.5b 242 0-115
 SZGRF I 10 15 06 46.2 42.27N 144.92E 33 4.7b
 MOS I 10 15 06 58.9-88 43.40N 145.19E 125 4.5b
 SKHL I 10 15 06 59.1-1.8 43.50N 145.30E 133-11 6.0,5.8
 BJI I 10 15 06 59.7 43.61N 145.09E 121 4.8b,4.6b
 ISCJB I 10 15 06 59.2-25 43.44N-03 145.18E-03 127-1 4.5b,4.6b
 NIED I 10 15 07 00 43.40N 145.20E 122 4.4W,4.6b
 JMA I 10 15 07 00.8-10 43.40N 145.22E 118-1 4.4,4.6b
 NEIC I 10 15 07 00.4-19 43.40N 145.11E 125 4.6b,4.3W
 IDC I 10 15 07 01.0-72 43.39N 145.13E 129-5 4.7,4.4
 ISC Event type fe.
 SZGRF Hokkaido, Japan, region.
 MOS Error ellipse: s-maj=9.0km s-min=5.1km az=103.8.
 ISCJB Event type fe. Error ellipse: s-maj=5.2km s-min=3.8km az=137.2.

NIED	Moment Tensor Solution. Best double couple: NP1:φ:78.00000°,δ87.00000°,λ120.00000°; NP2:φ:174.00000°,δ30.00000°,λ7.00000°; M:4.08000×10 ¹⁵								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.								
NEIC	Event type fe. Error ellipse: s-maj=5.4km s-min=3.8km az=143.0. Recorded [3 JMA] in eastern Hokkaido. Moment Tensor Solution. M:4.10000×10 ¹⁵								
IDC	Error ellipse: s-maj=13.3km s-min=7.7km az=3.0.								
(739) Azores-Cape St. Vincent Ridge									
ISC	I 11 01 48 43.4-69 37.43N-04 13.53W-05 10 174 4-14								
IGIL	I 11 01 48 34.5 37.10N 14.30W 10 3.6L								¶18035811
NEIC	I 11 01 48 38.7 37.29N 13.97W 0 4.4								
MDD	I 11 01 48 38.3-1.5 37.23N 13.96W 0 4.3b								
LDG	I 11 01 48 40.4-31 37.20N 14.09W 20-0 3.9L								
INMG	I 11 01 48 40.8-1.7 37.06N 14.24W 10-0 3.9b,3.2L								
CSEM	I 11 01 48 42.4-28 37.42N 13.76W 10 3.6L,3.2L								
ISCJB	I 11 01 48 42.4-73 37.50N-04 13.43W-05 10 3.6L,3.2L								
CNRM	I 11 01 48 43.0 37.02N 13.83W 33 3.9,3.2L								
ISC	Event type fe.								
NEIC	Event type se. After MDD.								
MDD	Event type fe. Error ellipse: s-maj=14.3km s-min=11.5km az=87.0. EMS: II - LISBOA <MM - IMGP>. PRXIMO								
LDG	Event type ke. Error ellipse: s-maj=5.7km s-min=4.8km az=45.0.								
INMG	Event type ke. Error ellipse: s-maj=7.7km s-min=5.8km az=104.0.								
CSEM	Event type ke. Error ellipse: s-maj=5.0km s-min=3.4km az=53.0.								
ISCJB	Event type fe. Error ellipse: s-maj=5.8km s-min=4.9km az=92.6.								
(710) Pakistan									
ISC	I 11 05 48 46.1-31 34.09N-02 73.95E-03 44-3 4.6b,3.9s 275 1-151								
IDC	I 11 05 48 40.1-51 34.03N 73.83E 0 4.7L,4.6b								¶18035821
NEIC	I 11 05 48 41.4-27 34.08N 73.93E 0 4.7b,4.6b								
NDI	I 11 05 48 43.2-4.2 34.17N 73.72E 12-78 4.7b,4.6L								
BJI	I 11 05 48 43.1 34.23N 74.16E 10 4.7b,4.7b								
MOS	I 11 05 48 43.8-1.1 34.15N 73.82E 34 4.8b,4.7b								
ISCJB	I 11 05 48 44.1-40 34.07N-02 73.99E-03 46-4 4.6b,3.9s								
NNC	I 11 05 48 55.0-9.3 34.67N 73.06E 77-73 5.0,4.4b								
ISC	Event type fe.								
IDC	Error ellipse: s-maj=15.6km s-min=12.6km az=33.0.								
NEIC	Event type fe. Error ellipse: s-maj=6.8km s-min=5.2km az=27.0. Felt at Balakot and Islamabad. Also felt at Muzaffarabad, Kashmir.								
NDI	Error ellipse: s-maj=68.8km s-min=39.8km az=-1.0.								
MOS	Error ellipse: s-maj=8.2km s-min=4.2km az=119.5.								
ISCJB	Event type fe. Error ellipse: s-maj=4.1km s-min=3.0km az=125.4.								
NNC	Error ellipse: s-maj=80.2km s-min=66.0km az=57.0.								
(259) Mindanao									
MAN	I 11 16 22 13.8 7.96N 126.39E 45 4.6L,3.4b								¶19480395
MAN	Event type fe. F CAGAYAN DE ORO CITY - INTENSITY II.								
(460) Wyoming									
ISC	I 11 19 12 50.7-54 43.78N-05 105.26W-07 0 23 1-20								
ISCJB	I 11 19 12 49.3-56 43.78N-05 105.27W-07 0 4.5b,4.4s								¶19480434
NEIC	I 11 19 12 50.6-42 43.75N 105.25W 0 3.2L								
IDC	I 11 19 12 50.0-1.9 43.63N 105.37W 0 3.5,3.4L								
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=8.4km s-min=6.1km az=73.9.								
NEIC	Event type fm. Error ellipse: s-maj=6.8km s-min=5.0km az=147.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.								
IDC	Error ellipse: s-maj=44.0km s-min=9.7km az=152.0.								
(318) Yunan									
ISC	I 12 01 05 29.1-21 23.20N-02 101.70E-02 10 4.5b,4.4s 182 2-161								
PLV	I 12 01 05 25.7-1.2 23.39N 101.70E 0-8 5.2,4.4s								¶18035848
ISCJB	I 12 01 05 26.9-21 23.19N-02 101.74E-02 10 4.5b,4.4s								
BJI	I 12 01 05 31.5 23.35N 101.74E 30 5.2s,5.1L								
MOS	I 12 01 05 33.2-1.6 23.51N 101.62E 33 4.8b,5.1L								
NEIC	I 12 01 05 33.2-39 23.28N 101.69E 33 4.6b,4.3s								
IDC	I 12 01 05 36.1-5.4 23.25N 101.65E 69-50 4.3s,4.3								
ISC	Event type fe.								
PLV	Error ellipse: s-maj=20.1km s-min=14.3km az=-1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=3.4km s-min=2.5km az=75.6.								
MOS	Error ellipse: s-maj=13.5km s-min=7.2km az=107.5.								
NEIC	Event type fe. Error ellipse: s-maj=7.9km s-min=7.5km az=159.0. Felt strongly in Mojiang and Shipping Counties. Also felt in Chuxiong, Simao and Yuxi Counties.								
IDC	Error ellipse: s-maj=19.7km s-min=13.0km az=64.0.								
(393) Madeira Islands region									
ISC	I 12 04 12 12.4-23 32.01N-02 16.79W-02 10 3.7b 308 3-73								
ISCJB	I 12 04 12 09.8-24 32.05N-02 16.79W-02 10 3.7b								¶18030029
CSEM	I 12 04 12 13.6 31.99N 16.55W 30 4.5b								
IDC	I 12 04 12 13.3-1.3 32.24N 16.67W 0 5.6L,4.1								
NEIC	I 12 04 12 13.5-63 32.04N 16.78W 10 4.1b,4.1								
MDD	I 12 04 12 14.9-80 32.08N 16.96W 33 5.0b,4.1								
LDG	I 12 04 12 14.4-35 32.08N 16.86W 10-0 4.1b,3.0s								
INMG	I 12 04 12 18.5-2.5 32.07N 16.87W 10-0 4.9b,3.7L								
CNRM	I 12 04 12 21.0 32.04N 16.50W 30 4.5,3.7L								
PDA	I 12 04 12 27.0 32.80N 15.16W 10 3.5L,3.7L								
IGIL	I 12 04 12 31.7 32.80N 15.60W 2 3.8L,3.7L								
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=3.4km s-min=2.7km az=35.0.								
IDC	Error ellipse: s-maj=34.7km s-min=19.6km az=79.0.								
NEIC	Event type se. Error ellipse: s-maj=13.0km s-min=5.3km az=111.0.								
MDD	Event type fe. Error ellipse: s-maj=12.1km s-min=4.4km az=112.0. EMS: II - FUNCHAL <MM - IMGP>. PRXIMO								
LDG	Event type ke. Error ellipse: s-maj=13.4km s-min=5.4km az=112.0.								
INMG	Event type ke. Error ellipse: s-maj=14.3km s-min=4.0km az=106.0.								
(27) Near coast of Washington									
ISC	I 12 18 15 57.9-53 46.76N-03 124.17W-06 10 3.3b 68 1-24								
ISCJB	I 12 18 15 56.3-50 46.73N-03 124.19W-06 10 3.3b								¶18035865
IDC	I 12 18 15 56.1-1.0 46.42N 124.38W 0 3.5,3.4b								
NEIC	I 12 18 15 58.0 46.57N 124.15W 36 2.4,3.4b								
PNSN	I 12 18 15 58.2 46.57N 124.15W 36 2.4,3.4b								
PGC	I 12 18 15 58.9 46.81N 124.37W 22-14 2.6L,3.4b								
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=6.1km s-min=3.8km az=161.4.								
IDC	Error ellipse: s-maj=28.8km s-min=9.6km az=70.0.								
NEIC	Event type fe. Felt [IV] at Long Beach and [III] at Ocean Park. Also felt at Ilwaco, South Bend and Tokeland. After SEA.								
PNSN	Moment Tensor Solution. NP1:φ:5.00000°,δ50.00000°,λ238.00000°; δ54.00000°; Principal axes: T P1g2.0000°; Azm302.0000°; P P1g60.0000°; Azm208.0000°; Moment Tensor Solution. NP1:φ:306.00000°,δ5.00000°,λ100.00000°; δ85.00000°; Principal axes: T P1g50.0000°; Azm8.0000°; P P1g40.0000°; Azm192.0000°								
PGC	Event type ke. Error ellipse: s-maj=8.9km s-min=3.8km az=-1.0. West coast Olympic Peninsula, Washington.								
(460) Wyoming									
ISC	I 12 18 29 29.2-51 44.15N-04 105.34W-07 0 31 1-19								
ISCJB	I 12 18 29 27.6-52 44.15N-04 105.35W-07 0 4.4b								¶19480780
NEIC	I 12 18 29 29.3-40 44.11N 105.34W 0 3.2L								
IDC	I 12 18 29 29.8-1.4 44.17N 105.67W 0 3.3,3.2								
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=7.1km s-min=5.8km az=64.1.								
NEIC	Event type fm. Error ellipse: s-maj=6.3km s-min=5.3km az=131.0. 25 km [15 miles] SE of Gillette. Suspected Mining explosion.								
IDC	Error ellipse: s-maj=41.7km s-min=8.7km az=145.0.								
(460) Wyoming									
ISC	I 12 19 01 12.2-50 43.70N-04 105.12W-07 0 31 1-68								
ISCJB	I 12 19 01 10.6-53 43.71N-04 105.14W-07 0 4.4b								¶19480788
IDC	I 12 19 01 11.9-1.8 43.72N 105.45W 0 4.4b,3.9								
NEIC	I 12 19 01 12.4-41 43.69N 105.15W 0 3.1L,3.9								
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=7.4km s-min=5.9km az=65.8.								
IDC	Error ellipse: s-maj=53.2km s-min=8.2km az=149.0.								
NEIC	Event type fm. Error ellipse: s-maj=6.3km s-min=4.7km az=133.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.								
(224) Hokkaido region									
ISC	I 12 23 47 52.6-33 42.04N-03 142.59E-04 64-2 4.2b 88 0-86								
NIED	I 12 23 47 00 42.00N 142.60E 59 4.1W								¶18035872

MOS	I 12 23 47 48.2-1.0 42.24N 142.63E 33 4.5b								
ISCJB	I 12 23 47 51.4-33 42.02N-03 142.58E-04 70-2 4.1b								
BJI	I 12 23 47 51.6 42.06N 142.62E 78 4.8b,4.7b								
JMA	I 12 23 47 52.5-10 42.04N 142.60E 61-1 3.9,4.7b								
IDC	I 12 23 47 52.6-81 42.03N 142.49E 64-6 4.0,3.9								
NEIC	I 12 23 47 52.8-37 42.08N 142.55E 64 4.3b,3.9								
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:257.00000°,δ25.00000°,λ120.00000°; NP2:φ:237.00000°,δ25.00000°,λ120.00000°; M:1.87000×10 ¹⁵								
MOS	Error ellipse: s-maj=16.1km s-min=8.6km az=86.8.								
ISCJB	Event type fe. Error ellipse: s-maj=5.6km s-min=3.9km az=90.3.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:230.00000°,δ17.00000°,λ124.00000°; NP2:φ:15.00000°,δ76.00000°,λ80.00000°; Principal axes: T P1g58.0000°; Azm272.0000°; N P1g9.0000°; Azm17.0000°; P P1g30.0000°; Azm113.0000°								
IDC	Error ellipse: s-maj=15.3km s-min=9.7km az=100.0.</								

ISC Event type fe.
 IDC Error ellipse: s-maj=15.4km s-min=9.2km az=93.0.
 MOS Error ellipse: s-maj=16.5km s-min=7.4km az=94.0.
 ISCJB Event type fe. Error ellipse: s-maj=6.3km s-min=5.5km az=150.5.
 NEIC Event type fe. Error ellipse: s-maj=9.3km s-min=6.0km az=91.0. Felt [III] at Barrigada and Yigo, Guam. Felt at Dededo, Inarajan, Maite, Mangilao, Tamuning and Tumon Bay, Guam.
 HRVD Error ellipse: s-maj=5.6km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s12,c12; Mantle waves: s41,c60; Half duration: 0 Moment tensor: Scale 1016 Nm; Mrr-0.38;31 Mm2-7.3;34; Mtt-3.11;40; Mtt2-0.02;18; Mtt3-2.09;33; Mtt4-0.85;23;
 Best double couple: NP1:φ=154.00000°,δ59.00000°,λ5.00000°. NP2:φ=61.00000°,δ86.00000°,λ149.00000°. Principal axes: T 1.4670,P1g25.0000°,Az1m13.0000°; N 0.0820,P1g58.0000°,Az2m234.0000°; P -4.2500,P1g18.0000°,Az2m112.0000°; M4:2.0900x10¹⁶

(383) Northwestern Balkan Peninsula
 ISC I 15 02 34 48.6--28 46.31N--02 14.97E--02 5 62 0-4
 ISCJB I 15 02 34 47.7--28 46.31N--02 14.96E--02 7-4 18760402
 LJU I 15 02 34 47.9 46.29N 14.96E 18 2.3L
 VIE I 15 02 34 48.1--20 46.31N 14.96E 8-0 2.5L,2.3b
 PRU I 15 02 34 48.8 46.34N 14.90E 0 2.5L,2.3b
 NEIC I 15 02 34 48.7--34 46.29N 14.96E 10 2.3L,2.3b
 CSEM I 15 02 34 48.8--05 46.29N 14.97E 0-1 2.3L,2.3b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=2.7km s-min=2.5km az=23.0.
 VIE Error ellipse: s-maj=1.5km s-min=1.3km az=84.0, 25 km WNW of Celje.
 NEIC Event type fe. Error ellipse: s-maj=3.9km s-min=3.7km az=100.0. Felt at Letus and Mozirje.
 CSEM Event type ke. Error ellipse: s-maj=1.9km s-min=1.1km az=121.0.

(383) Northwestern Balkan Peninsula
 ISC I 15 02 41 50.6--19 46.29N--01 14.98E--01 14-1 219 0-8
 ROM I 15 02 41 50.2--45 46.29N 15.06E 10-0 3.2,2.8L 19430705
 LDG I 15 02 41 50.8--14 46.28N 14.98E 10-0 2.9L,2.8L
 ISCJB I 15 02 41 50.9--25 46.29N--02 15.05E--02 17-3 2.9L,2.8L
 NEIC I 15 02 41 50.1--28 46.27N 14.90E 10 3.4L,3.0L
 LJU I 15 02 41 50.2 46.29N 14.96E 15 3.0L,3.0L
 SZGRF I 15 02 41 51.6 46.05N 14.24E 10 3.4b,3.0L
 PRU I 15 02 41 51.0 46.31N 14.94E 0 3.4b,3.0L
 CSEM I 15 02 41 51.4--09 46.22N 14.94E 15 3.2L,3.0L
 ISC Event type fe.
 ROM Event type ke. Error ellipse: s-maj=5.7km s-min=4.3km az=84.0.
 LDG Event type ke. Error ellipse: s-maj=4.3km s-min=2.4km az=189.0.
 ISCJB Event type fe. Error ellipse: s-maj=2.7km s-min=1.9km az=3.6.
 NEIC Event type fe. Error ellipse: s-maj=4.6km s-min=3.0km az=172.0. Felt at Celje, Mozirje, Sostanj, Velenje and Zalec.
 SZGRF Northwestern Balkan Peninsula.
 CSEM Event type ke. Error ellipse: s-maj=1.9km s-min=1.6km az=175.0.

(613) Hawaiian Islands
 ISC I 15 09 04 08.8--16 19.80N--09 156.2W--10 9-10 3.2b 9 0-51
 ISCJB I 15 09 04 08.4--12 19.78N--09 156.1W--10 23-8 3.2b 18780676
 NEIC I 15 09 04 09.0 19.64N 155.82W 28 3.6
 IDC I 15 09 04 29.7--17 22.58N 155.02W 0 3.7,3.5
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=21.8km s-min=11.0km az=115.1.
 NEIC Event type fe. Felt [IV] at Holualoa and Kailua Kona; [III] at Captain Cook and Kamuela. After HVO.
 IDC Error ellipse: s-maj=351.9km s-min=55.1km az=38.0.

(232) Western Honshu
 JMA I 15 10 54 15.7 35.46N 136.25E 35 3.7
 NIED I 15 10 54 00 35.40N 136.30E 35 3.5W 19257859
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=185.00000°,δ30.00000°,λ-73.00000°. NP2:φ=345.00000°,δ61.00000°,λ-100.00000°. Principal axes: T P1g16.0000°,Azm82.0000°; N P1g9.0000°,Azm350.0000°; P P1g72.0000°,Az232.0000°
 NIED Moment Tensor Solution. Best double couple: NP1:φ=18.00000°,δ68.00000°,λ-77.00000°. NP2:φ=167.00000°,δ26.00000°,λ-119.00000°. M4:1.90000x10¹⁴

(279) Flores Sea
 ISC I 15 11 58 29.2--12 7.88S--02 122.58E--03 262 5.9b 502 3-167
 BJI I 15 11 58 29.0 8.58S 123.20E 264 6.0b,5.8b 18035962
 MOS I 15 11 58 23.3--86 7.72S 122.52E 219 6.0b,5.8b
 ISCJB I 15 11 58 27.3--11 7.87S--02 122.58E--02 260 5.9b,5.8b
 DHMR I 15 11 58 28.2 7.70S 122.57E 236 5.6b,5.8b
 NEIC I 15 11 58 29.1--10 7.83S 122.60E 265 6.1W,6.0b
 HRVD I 15 11 58 29.1--10 7.92S 122.70E 262-0 6.2W,6.0b
 IDC I 15 11 58 30.3--58 7.83S 122.61E 275-4 6.1,5.5b
 ORF I 15 11 58 44.9 0.76S 116.48E 30 5.6b,5.5b
 ISC Event type fe.
 MOS Error ellipse: s-maj=8.7km s-min=5.2km az=114.3.
 ISCJB Event type fe. Error ellipse: s-maj=3.6km s-min=2.3km az=129.1.
 NEIC Event type fe. Error ellipse: s-maj=5.6km s-min=3.5km az=59.0. Felt [IV] at Waingapu, Sumba. Also felt at Palopo, Sulawesi. Moment Tensor Solution. s14 Moment tensor: Scale 10¹⁹Nm; Mrr-0.83 Mm1-4.2 Mm2-0.58 Mm3-1.40 Mm4-0.51 Mm5-0.48 Best double couple: NP1: φ=318.00000°,δ32.00000°,λ-30.00000°. NP2:φ=74.00000°,δ75.00000°,λ-118.00000°. Principal axes: T 2.1100,P1g24.0000°,Az1m186.0000°; N -0.2600,P1g27.0000°,Az2m82.0000°; P -1.8500,P1g52.0000°,Az3m311.0000°; M2:0.0000x10¹⁸

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s88,c213; Mantle waves: s91,c351; Half duration: 2.9 Moment tensor: Scale 10¹⁹Nm; Mrr-0.45;01 Mm1-1.20;01; Mm2-0.74;02; Mm3-1.32;01; Mm4-0.95;01; Mm5-0.69;01; Best double couple: NP1:φ=332.00000°,δ42.00000°,λ-13.00000°. NP2:φ=72.00000°,δ81.00000°,λ-132.00000°. Principal axes: T 2.0350,P1g25.0000°,Az1m193.0000°; N 0.0480,P1g41.0000°,Az2m79.0000°; P -2.0800,P1g39.0000°,Az3m304.0000°; M2:0.05700x10¹⁸
 IDC Error ellipse: s-maj=7.4km s-min=5.2km az=66.0.

(25) Vancouver Island region
 ISC I 15 12 29 46.7--18 48.55N--02 123.50W--03 36-4 3.9b 160 0-24
 IDC I 15 12 29 42.5--72 48.46N 123.48W 0 3.8,3.6
 ISCJB I 15 12 29 45.8--19 48.56N--02 123.49W--03 46-3 3.9b,3.6 18078685
 PGC I 15 12 29 46.0 48.57N 123.53W 44-2 3.6L,3.3
 NEIC I 15 12 29 46.0 48.57N 123.53W 44 3.3,3.3
 PNSN I 15 12 29 46.5 48.56N 123.51W 41 3.3,3.3
 ISC Event type fe.
 IDC Error ellipse: s-maj=13.4km s-min=7.5km az=50.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.2km s-min=2.3km az=123.7.
 PGC Event type fe. Error ellipse: s-maj=2.2km s-min=1.5km az=1.0. Near Victoria, British Columbia Felt (II-IV) throughout southern Vancouver Island, as far north as Parksville.

NEIC Event type fe. Felt [III] at Victoria. Felt throughout southern Vancouver Island as far north as the Parksville area, as far west as Sooke and in the Gulf Islands. Also felt at Vancouver. Felt [III] at Friday Harbor and Port Angeles, Washington. Also felt at Anacortes, Bellingham, Eastsound and Sequim, Washington. After PGC.
 PNSN Moment Tensor Solution. NP1:φ=50.00000°,δ30.00000°,λ-284.00000°. NP2:φ=671.00000°. Principal axes: T P1g23.0000°,Az1m356.0000°; P P1g57.0000°,Az2m26.0000° Moment Tensor Solution. NP1:φ=15.00000°,δ45.00000°,λ-254.00000°. NP2:φ=863.00000°. Principal axes: T P1g10.0000°,Az1m318.0000°; P P1g55.0000°,Az2m213.0000°

(228) Near east coast of eastern Honshu
 ISC I 15 22 53 56.5--73 36.54N--04 141.04E--06 43-6 3.8b 39 0-75
 ISCJB I 15 22 53 55.4--69 36.51N--04 141.05E--06 50-5 3.8b 19257863
 IDC I 15 22 53 56.5--19 36.55N 141.04E 43-17 3.9,3.8L
 JMA I 15 22 53 57.3--10 36.54N 140.91E 49-1 4.0,3.8L
 NEIC I 15 22 53 57.4 36.55N 140.91E 49 4.0b,3.8L
 NIED I 15 22 54 00 36.60N 140.90E 41 3.8W,3.8L
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=8.9km s-min=5.6km az=58.3.
 IDC Error ellipse: s-maj=14.9km s-min=11.2km az=79.0.

JMA Event type fe.
 NEIC Event type fe. Recorded [2 JMA] in Ibaraki and Tochigi; [1 JMA] in Chiba, Fukushima, Gumma and Saitama Prefectures. After JMA.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=196.00000°,δ83.00000°,λ-134.00000°. NP2:φ=99.00000°,δ45.00000°,λ-10.00000°. M6:2.8000x10¹⁴
(90) Puerto Rico region
 ISC I 16 04 22 59.4--87 18.7N--10 65.04W--03 58-9 77 0-5
 ISCJB I 16 04 22 58.6--89 18.6N--10 65.02W--03 66-7 18035994
 RSPR I 16 04 23 00.7 18.68N 65.05W 51-3 3.3,3.3
 NEIC I 16 04 23 00.4 18.74N 65.07W 47 3.6,3.3

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=19.7km s-min=4.0km az=5.3.
 RSPR Event type fe.
 NEIC Event type fe. Felt on Saint John and Saint Thomas. Also felt at Humacao and Guaynabo, Puerto Rico. After RSPR.
(224) Hokkaido region
 ISC I 16 07 38 12.7--41 41.48N--04 142.00E--05 66-4 4.0b 46 1-72
 NIED I 16 07 38 00 41.50N 142.00E 47 3.8W 18185254
 MOS I 16 07 38 07.9--1.3 41.58N 142.10E 33 4.7b
 NEIC I 16 07 38 11.0--80 41.89N 141.91E 25 4.6b,3.8W
 ISCJB I 16 07 38 11.8--41 41.47N--04 142.01E--05 72-3 4.0b,3.8W
 IDC I 16 07 38 12.2--2.2 41.49N 142.06E 58-18 4.0,3.8
 JMA I 16 07 38 12.5--1.0 41.48N 142.01E 63-2 3.6,3.8
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=21.00000°,δ105.00000°. NP2:φ=138.00000°,δ17.00000°,λ29.00000°. M6:0.08000x10¹⁴
 Error ellipse: s-maj=23.4km s-min=13.0km az=81.6.
 MOS Error ellipse: s-maj=21.8km s-min=12.5km az=129.0. Moment Tensor Solution. M6:1.0000x10¹⁴

ISCJB Event type fe. Error ellipse: s-maj=7.6km s-min=4.5km az=80.1.
 IDC Error ellipse: s-maj=22.2km s-min=14.0km az=116.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=1.0.
(163) Cook Strait
 ISC I 16 08 20 19.7--32 40.51S--03 173.39E--06 159-4 5.3b 123 0-114
 ISCJB I 16 08 20 19.0--32 40.52S--03 173.38E--06 161-4 5.3b 18037789
 BJI I 16 08 20 20.2 40.61S 174.08E 177 5.4b,4.5b
 NEIC I 16 08 20 20.3 40.48S 173.40E 163 4.6,4.5b
 WEL I 16 08 20 21.1--23 40.48S 173.43E 155-2 4.6L,4.5b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=8.1km s-min=3.8km az=69.7.
 NEIC Event type fe. Felt in the Mahau Sound area. After WEL.
 WEL Event type fe. Error ellipse: s-maj=1.4km s-min=0.7km az=90.0. Felt from Nelson to Wellington, maximum reported intensity MM 4.

(182) Fiji Islands
 ISC I 16 10 55 02.7--46 16.17S--10 178.92E--10 20 4.5b,4.4s 32 9-150
 IDC I 16 10 54 58.6--69 15.98S 178.80E 0 4.4,4.4
 ISCJB I 16 10 55 00.6--47 16.2S--10 178.88E--10 19 4.5b,4.4s 18037792
 NEIC I 16 10 55 03.5--45 16.02S 178.77E 30 4.4b,4.4s
 BJI I 16 10 55 03.5 16.00S 178.80E 30 5.1b,5.0s
 ISC Event type fe.
 IDC Error ellipse: s-maj=26.9km s-min=17.7km az=128.0.
 ISCJB Event type fe. Error ellipse: s-maj=16.5km s-min=11.4km az=99.0.
 NEIC Event type fe. Error ellipse: s-maj=19.2km s-min=11.7km az=134.0. Felt at Labasa.

(460) Wyoming
 ISC I 16 21 10 32.6--45 43.75N--04 105.30W--06 0 4.0b 41 1-90
 ISCJB I 16 21 10 31.0--46 43.74N--04 105.31W--06 0 4.0b 19482161
 IDC I 16 21 10 31.4--19 43.45N 105.23W 0 3.9b,3.8
 NEIC I 16 21 10 32.8--25 43.73N 105.32W 0 3.2L,3.8
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=6.8km s-min=5.1km az=60.6.
 IDC Error ellipse: s-maj=51.3km s-min=8.9km az=153.0.
 NEIC Event type fm. Error ellipse: s-maj=3.9km s-min=2.9km az=124.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.

(161) Off west coast of South Island
 WEL I 17 00 02 24.1--12 40.15S 172.94E 5 3.8L
 NEIC I 17 00 02 24.3 40.16S 172.96E 5 3.8L 18078748
 WEL Event type fe. Error ellipse: s-maj=1.7km s-min=0.6km az=90.0. Felt in the Nelson region, maximum reported intensity MM 4.
 NEIC Event type fe. Felt at Ligar Bay. After WEL.

(1) Central Alaska
 ISC I 17 12 56 25.6--33 62.21N--03 149.48W--07 75-6 3.7b 50 1-105
 ISCJB I 17 12 56 24.4--33 62.22N--03 149.49W--07 83-5 3.7b 18078766
 IDC I 17 12 56 24.8--2.2 62.29N 149.68W 60-21 3.9L,3.8
 NEIC I 17 12 56 26.0 62.20N 149.52W 63 4.0L,3.6L
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=5.6km s-min=4.8km az=170.2.
 IDC Error ellipse: s-maj=24.1km s-min=14.6km az=98.0.
 NEIC Event type fe. Felt [III] at Palmer. Also felt at Chugiak, Sutton, Talkeetna and Wasilla. After AEIC.

(238) Ryukyu Islands
 JMA I 17 23 46 35.1 28.70N 129.64E 18-1 3.6
 NIED I 17 23 46 00 28.70N 129.60E 20 3.5W 19257897
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=1.0.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=71.00000°,δ89.00000°,λ-176.00000°. NP2:φ=341.00000°,δ86.00000°,λ-1.00000°. M4:1.78000x10¹⁴

(238) Ryukyu Islands
 ISC I 18 02 11 54.4--73 28.70N--04 129.71E--06 16-6 4.0s,4.0b 43 0-90
 NIED I 18 02 11 00 28.70N 129.60E 8 4.4W,4.0b 18318351
 IDC I 18 02 11 51.4--86 28.73N 129.63E 0 4.2L,4.1
 JMA I 18 02 11 53.7--10 28.72N 129.63E 18-2 4.8,4.1
 ISCJB I 18 02 11 54.1--54 28.69N--03 129.72E--06 26-5 4.0s,4.0b
 BJI I 18 02 11 55.0 28.33N 129.74E 41 4.7b,4.2s
 NEIC I 18 02 11 57.2--90 28.67N 129.74E 41-9 3.9b,4.2s
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=3.00000°,δ64.00000°,λ-60.00000°. NP2:φ=131.00000°,δ39.00000°,λ-135.00000°. M5:2.4000x10¹⁵
 Error ellipse: s-maj=24.7km s-min=18.2km az=109.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=1.0.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=176.00000°,δ72.00000°,λ-28.00000°. NP2:φ=275.00000°,δ63.00000°,λ-160.00000°. M4:1.9000x10¹⁵
(456) Montana
 ISC I 18 09 47 45.0--79 45.40N--03 112.51W--04 2-6 3.9b,3.4s 63 0-92
 BJI I 18 09 47 43.0 45.40N 112.50W 8 5.1b,4.6b 18078809
 ISCJB I 18 09 47 44.2--68 45.38N--03 112.59W--05 7-5 3.9b,3.4s
 NEIC I 18 09 47 45.0 45.36N 112.51W 9 4.0W,3.4s
 IDC I 18 09 47 46.1--1.5 45.39N 112.65W 7-11 4.0,4.0b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=5.8km s-min=4.6km az=110.0.
 NEIC Event type fe. Felt [IV] at Dillon and Twin Bridges; [III] at Bozeman, Butte and Helena. Felt at Clancy, Garrison, Hamilton, Phillipsburg, Sheridan, Whitehall and Wisdom. Also felt at Salmon, Idaho. After BJT. Moment Tensor Solution. M4:1.20000x10¹⁵
 IDC Error ellipse: s-maj=9.8km s-min=7.5km az=58.0.

(123) Northern Chile
 ISC I 18 11 27 32.1--60 25.07S--04 69.75W--10 64-8 3.6b 22 1-149
 ISCJB I 18 11 27 31.2--69 25.07S--04 69.8W--10 72-8 3.5b 18447133
 NEIC I 18 11 27 32.5 25.10S 69.79W 46 4.1b
 IDC I 18 11 27 32.5--65 25.10S 69.79W 46-4 4.2L
 GUC I 18 11 27 33.5--3.7 24.99S 70.00W 68-35 3.6,3.5
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=18.5km s-min=5.9km az=179.4.
 NEIC Event type fe. Felt [III] at Taltal. After GUC.
 GUC Error ellipse: s-maj=2.2km s-min=8.1km az=1.0.
 IDC Error ellipse: s-maj=55.4km s-min=22.1km az=91.0.

(229) Off east coast of Honshu
 ISC I 18 14 25 27.5--11 37.86N--02 142.10E--02 23 5.7b,5.2s 858 1-164
 NIED I 18 14 25 00 37.80N 142.30E 17 5.5W,5.2s 18036032
 BJI I 18 14 25 24.3 37.78N 141.84E 9 5.7b,5.6s
 MOS I 18 14 25 25.8--97 37.84N 142.07E 23 5.9b,5.7s
 JMA I 18 14 25 26.6--20 37.80N 142.20E 36-2 5.7,5.7s
 ISCJB I 18 14 25 26.0--11 37.81N--02 142.12E--02 24 5.7b,5.2s
 IDC I 18 14 25 26.2--3.0 37.78N 142.13E 18-18 5.5,5.5
 NEIC I 18 14 25 27.6--1.1 37.77N 142.13E 26-7 5.8b,5.7W
 HRVD I 18 14 25 27.6--20 37.92N 142.18E 20 5.5W,5.7W
 BGS I 18 14 25 29.2 37.75N 141.76E 33 5.6b,5.7W

SZGRF	I	18 14 25 34.9	38.82N	142.19E	33	5.5b,5.5s			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ203.00000°,δ63.00000°,λ94.00000°; NP2:φ14.00000°,δ28.00000°,λ82.00000°; M:1.82000×10 ¹⁷								
MOS	Error ellipse: s-maj=6.4km s-min=4.1km az=103.7.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=2.7km s-min=1.8km az=129.3.								
IDC	Error ellipse: s-maj=11.8km s-min=9.3km az=115.0.								
NEIC	Event type fe. Error ellipse: s-maj=3.0km s-min=2.3km az=156.0. Felt in northeastern Honshu and as far south as Tokyo. Recorded [3 JMA] in Fukushima, Iwate and Miyagi; [2 JMA] in Akita, Aomori, Ibaraki, Tochigi and Yamagata; [1 JMA] in Chiba, Gumma, Nagano, Niigata, Tokyo and Saitama Prefectures. Moment Tensor Solution. s23 Moment tensor; Scale 10 ¹⁷ Nm; M:1.02 M:0.21 M:0.80 M:0.148 M:0.88 M:0.377 Best double couple: NP1:φ307.00000°,δ14.00000°,λ21.00000°; NP2:φ197.00000°,δ85.00000°,λ103.00000°; Principal axes: T 4.5900,Plg48.0000°,Az120.0000°; N -0.8000,Plg13.0000°,Az16.0000°; P -3.7900,Plg39.0000°,Az275.0000°; M:4.2000×10 ¹⁷ Moment Tensor Solution. M:1.80000×10 ¹⁷								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s71.c130; Mantle waves: s84.c166; Half duration: 1s4 Moment tensor; Scale 10 ¹⁷ Nm; M:1.64±03 M:0.18±02; M:0.145±02; M:0.87±05; M:0.37±02; M:0.143±05; Best double couple: NP1:φ6.00000°,δ23.00000°,λ71.00000°; NP2:φ206.00000°,δ68.00000°,λ98.00000°; Principal axes: T 2.3870,Plg66.0000°,Az130.0000°; N -0.1480,Plg7.0000°; Az24.0000°; P -2.2340,Plg23.0000°,Az290.0000°; M:2.31100×10 ¹⁷								
SZGRF	Near east coast of eastern Honshu, Japan.								
(229) Off east coast of Honshu									
ISC	I	18 17 34 40.9-1.3	37.76N	142.19E	06	5-7	3.9b,3.6s	38	1-146
NIED	I	18 17 34 40	37.80N	142.20E	20		3.8W,3.6s		118185333
ISCJB	I	18 17 34 39.8-58	37.74N	142.28E	05	10	3.9b,3.6s		
IDC	I	18 17 34 40.4-97	37.74N	142.28E	0		4.0,3.9		
MOS	I	18 17 34 42.9-68	37.77N	142.28E	33		4.4b,3.9		
JMA	I	18 17 34 42.9-20	37.80N	142.16E	35-3		4.3,3.9		
NEIC	I	18 17 34 45.9-1.5	37.71N	142.17E	39-13		4.2b,3.9		
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ171.00000°,δ65.00000°,λ96.00000°; NP2:φ337.00000°,δ25.00000°,λ77.00000°; M:6.44000×10 ¹⁴								
ISCJB	Event type fe. Error ellipse: s-maj=6.7km s-min=5.6km az=129.1.								
IDC	Error ellipse: s-maj=24.6km s-min=21.0km az=129.0.								
MOS	Error ellipse: s-maj=16.8km s-min=13.3km az=59.3.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.								
NEIC	Event type se. Error ellipse: s-maj=13.5km s-min=11.5km az=99.0.								
(460) Wyoming									
ISC	I	18 19 09 14.3-46	43.78N	105.26W	0		4.2b	43	1-90
ISCJB	I	18 19 09 12.9-48	43.78N	105.28W	06		4.2b		119482908
IDC	I	18 19 09 12.4-1.6	43.48N	105.29W	0		4.0b,3.9		
NEIC	I	18 19 09 14.4-28	43.76N	105.28W	0		3.4L,3.9		
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=6.8km s-min=5.1km az=71.4.								
IDC	Error ellipse: s-maj=44.9km s-min=8.4km az=151.0.								
NEIC	Event type fm. Error ellipse: s-maj=4.2km s-min=3.0km az=129.0. 60 km [35 miles] SSE of Gillette. Suspected Mining explosion.								
(224) Hokkaido region									
ISC	I	18 21 53 35.9-30	43.04N	144.78E	04	86-2	4.5b	126	0-149
NIED	I	18 21 53 00	43.00N	144.80E	80		4.2W		118078832
BJI	I	18 21 53 34.6	43.10N	144.80E	82		5.0b,4.5b		
ISCJB	I	18 21 53 34.8-32	43.01N	144.80E	04	91-2	4.5b,4.5b		
MOS	I	18 21 53 34.5-93	42.99N	144.73E	89		4.7b,4.5b		
IDC	I	18 21 53 35.9-77	43.03N	144.81E	85-6		4.5,4.3		
NEIC	I	18 21 53 35.6-74	43.05N	144.77E	82-7		4.8b,4.2W		
JMA	I	18 21 53 36.1-10	43.03N	144.78E	84-1		4.2,4.2W		
SKHL	I	18 21 53 36.6-10	43.20N	144.70E	92-7		6.4,6.2		
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ286.00000°,δ78.00000°,λ-67.00000°; NP2:φ42.00000°,δ26.00000°,λ-151.00000°; M:2.31000×10 ¹⁵								
ISCJB	Event type fe. Error ellipse: s-maj=6.1km s-min=3.8km az=103.1.								
MOS	Error ellipse: s-maj=10.6km s-min=6.9km az=89.3.								
IDC	Error ellipse: s-maj=11.1km s-min=6.0km az=17.0.								
NEIC	Event type fe. Error ellipse: s-maj=7.9km s-min=5.2km az=121.0. Recorded [2 JMA] in eastern Hokkaido. Moment Tensor Solution. M:2.3000×10 ¹⁵								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ27.00000°,δ25.00000°,λ-167.00000°; NP2:φ285.00000°,δ85.00000°,λ-65.00000°; Principal axes: T 1.9290,Plg35.0000°,Az354.0000°; N 0.2850,Plg25.0000°,Az103.0000°; P 1.9290,Plg35.0000°,Az354.0000°								
(613) Hawaiian Islands									
ISC	I	19 02 04 52.3-94	19.3N	155.55W	08	32-8	3.8b,3.8s	27	0-96
BJI	I	19 02 04 49.0	19.10N	155.40W	40		4.9s,4.9b		118078855
ISCJB	I	19 02 04 51.5-86	19.3N	155.54W	09	41-7	3.8b,3.8s		
NEIC	I	19 02 04 52.0	19.05N	155.43W	40		4.7,3.9b		
IDC	I	19 02 04 52.6-2.7	19.69N	155.02W	0		4.1,4.0		
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=19.5km s-min=10.7km az=59.8.								
NEIC	Event type fe. Felt [IV] at Captain Cook, Keauau and Naalehu; [III] at Hilo and Pahoa; [II] at Kailua Kona. Also felt at Honoumua, Kamuela, Mountain View and Volcano. After HVO.								
IDC	Error ellipse: s-maj=67.5km s-min=30.1km az=0.0.								
(238) Ryukyu Islands									
ISC	I	19 21 50 44.2-62	26.33N	127.36E	05	50-5	3.5b	23	0-79
NIED	I	19 21 50 00	26.30N	127.30E	59		3.9W		119257944
IDC	I	19 21 50 33.9-5.0	25.69N	127.23E	0		3.8,3.7b		
ISCJB	I	19 21 50 43.5-65	26.34N	127.35E	05	55-5	3.5b,3.7b		
JMA	I	19 21 50 44.2-20	26.30N	127.33E	49-3		3.8,3.7b		
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ48.00000°,δ70.00000°,λ95.00000°; NP2:φ213.00000°,δ20.00000°,λ76.00000°; M:6.71000×10 ¹⁴								
IDC	Error ellipse: s-maj=103.4km s-min=31.3km az=168.0.								
ISCJB	Event type fe. Error ellipse: s-maj=10.4km s-min=6.3km az=131.5.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.								
(139) Mendoza Province									
ISC	I	20 11 01 14.3-30	32.09S	70.19W	05	108-3	4.3b	82	1-175
MOS	I	20 11 01 12.8-1.1	32.16S	69.86W	112		4.8b		118078922
ISCJB	I	20 11 01 13.4-30	32.09S	70.19W	05	113-3	4.3b		
BJI	I	20 11 01 13.7	32.20S	70.00W	108		4.9b		
NEIC	I	20 11 01 13.7-35	32.15S	70.00W	109-4		4.7b		
GUC	I	20 11 01 13.6-77	32.11S	70.37W	122-5		4.6L		
IDC	I	20 11 01 14.8-71	32.21S	70.05W	115-5		4.1,4.0		
ISC	Event type fe.								
MOS	Error ellipse: s-maj=21.9km s-min=10.9km az=78.8.								
ISCJB	Event type fe. Error ellipse: s-maj=6.9km s-min=5.2km az=0.3.								
NEIC	Event type fe. Error ellipse: s-maj=7.8km s-min=6.4km az=102.0. Felt [II] at La Ligua, Petorca and Santiago, Chile.								
GUC	Error ellipse: s-maj=2.1km s-min=5.7km az=-1.0.								
IDC	Error ellipse: s-maj=17.9km s-min=9.2km az=165.0.								
(710) Pakistan									
ISC	I	20 11 42 33.2-26	34.62N	73.24E	05	35	3.9b,3.0s	103	1-83
IDC	I	20 11 42 27.8-78	34.61N	73.16E	0		4.1,4.1L		118078924
NEIC	I	20 11 42 29.7-75	34.68N	73.39E	10		3.7b,4.1L		
NDI	I	20 11 42 29.7-3.4	34.65N	73.29E	10-0		3.8L,3.7b		
MOS	I	20 11 42 30.5-1.6	34.65N	73.28E	33		4.2b,3.7b		
ISCJB	I	20 11 42 31.3-26	34.67N	73.26E	05	33	3.9b,3.0s		
NNEC	I	20 11 42 42.5-3.4	35.16N	72.80E	79-33		4.5,3.9b		
ISC	Event type fe.								
IDC	Error ellipse: s-maj=20.5km s-min=18.6km az=172.0.								
NEIC	Event type fe. Error ellipse: s-maj=17.3km s-min=7.4km az=61.0. Felt at Balakot and Mansehra.								
NDI	Error ellipse: s-maj=14.8km s-min=19.8km az=-1.0.								
MOS	Error ellipse: s-maj=14.6km s-min=6.5km az=97.0.								
ISCJB	Event type fe. Error ellipse: s-maj=6.0km s-min=3.0km az=155.1.								
NNEC	Error ellipse: s-maj=25.8km s-min=20.8km az=33.0.								
(1) Central Alaska									
ISC	I	20 18 37 34.2-34	63.10N	143.39W	05	5	4.0b	49	0-66
ISCJB	I	20 18 37 32.8-34	63.13N	143.30W	06	5	4.0b		118078942
NEIC	I	20 18 37 34.0	63.15N	143.40W	5		3.9L,3.7L		

IDC	I	20 18 37 35.2-75	63.17N	143.19W	0		4.0b,3.9		
PGC	I	20 18 37 35.3	63.11N	143.43W	5		3.9L,3.9		
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=5.4km s-min=3.5km az=136.9.								
NEIC	Event type fe. Felt at Gakona and Tok. After AEIC.								
IDC	Error ellipse: s-maj=14.6km s-min=8.1km az=34.0.								
PGC	Event type ke. Error ellipse: s-maj=3.3km s-min=3.5km az=-1.0. Eastern Alaska.								
(460) Wyoming									
ISC	I	20 20 04 01.3-57	43.58N	105.14W	07	0	3.9b	32	1-90
ISCJB	I	20 20 03 59.7-59	43.57N	105.14W	07	0	3.9b		119484242
NEIC	I	20 20 04 01.4-38	43.55N	105.15W	0		3.1L		
IDC	I	20 20 04 01.8-1.7	43.51N	105.33W	0		3.7b,3.7		
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=9.2km s-min=5.9km az=88.9.								
NEIC	Event type fm. Error ellipse: s-maj=6.3km s-min=3.9km az=136.0. 80 km [50 miles] WSW of Newcastle. Suspected Mining explosion.								
IDC	Error ellipse: s-maj=42.8km s-min=7.6km az=151.0.								
(703) Andaman Islands region									
ISC	I	21 04 07 04.0-12	13.03N	93.28E	02	43	5.8b,5.2s	995	1-170
CRAAG	I	21 04 06 56.7	13.01N	93.41E			5.9b,5.2s		118078976
SZGRF	I	21 04 06 56.3	12.44N	93.88E	33		5.8b,5.2s		
DHMR	I	21 04 07 00.7	13.10N	93.41E	10		5.8b,5.2s		
ISCJB	I	21 04 07 01.9-12	13.03N	93.28E	02	42	5.8b,5.2s		
MOS	I	21 04 07 01.4-87	13.03N	93.31E	40		6.0b,5.2s		
BJI	I	21 04 07 02.6	12.96N	93.30E	56		5.9b,5.7b		
NEIC	I	21 04 07 03.7-08	13.00N	93.25E	44		5.8b,5.6W		
HRVD	I	21 04 07 04.7-20	13.10N	93.23E	39		5.9b,5.6W		
IDC	I	21 04 07 04.9-1.1	13.03N	93.27E	53-8		5.7,5.5		
BGS	I	21 04 07 13.4-1.5	14.48N	91.78E	33-999		5.8b,5.5		
ISC	Event type fe.								
SZGRF	Andaman Islands, India, region.								
ISCJB	Event type fe. Error ellipse: s-maj=3.5km s-min=2.3km az=24.7.								
MOS	Error ellipse: s-maj=7.3km s-min=3.7km az=117.1.								
NEIC	Event type fe. Error ellipse: s-maj=3.0km s-min=2.2km az=207.0. Felt along the west coast of North Andaman. Also felt at Port Blair. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ20.00000°,δ30.00000°,λ110.00000°; NP2:φ177.00000°,δ62.00000°,λ79.00000°; Principal axes: T 1.9290,Plg17.0000°,Az263.0000°; N 0.1700,Plg0.0000°,Az0.0000°; P 1.9290,Plg17.0000°,Az263.0000°; M:2.80 M:0.70 M:0.29 M:0.38 M:0.158 M:0.131 Moment tensor; Scale 10 ¹⁷ Nm; M:2.80 M:0.70 M:0.29 M:0.38 M:0.158 M:0.131 Best double couple: NP1:φ51.00000°,δ40.00000°,λ120.00000°; NP2:φ195.00000°,δ56.00000°,λ68.00000°; Principal axes: T 3.2800,Plg69.0000°,Az55.0000°; N -0.0200,Plg19.0000°,Az208.0000°; P -3.2600,Plg9.0000°,Az301.0000°; M:3.30000×10 ¹⁷								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s74.c141; Mantle waves: s84.c175; Half duration: 1s6 Moment tensor; Scale 10 ¹⁷ Nm; M:2.53±06 M:0.67±04; M:0.320±05; M:0.05±05; M:0.07±04; M:0.19±05; Best double couple: NP1:φ19.00000°,δ29.00000°,λ103.00000°; NP2:φ184.00000°,δ62.00000°,λ83.00000°; Principal axes: T 3.1360,Plg72.0000°,Az77.0000°; N 0.7740,Plg6.0000°,Az187.0000°; P -3.9600								

ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ335.00000°,δ90.00000°,λ171.00000°; NP2:φ65.00000°,δ81.00000°,λ0.00000°; Mz2.17000×10 ¹⁶								
MOS	Error ellipse: s-maj=9.3km s-min=4.4km az=118.4.								
IDC	Error ellipse: s-maj=15.8km s-min=13.1km az=60.0.								
ISCJB	Event type fe. Error ellipse: s-maj=4.0km s-min=2.2km az=0.2.								
JMA	Error ellipse: s-maj=2.2km s-min=3.0km az=1.0.								
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s29,c35; Mantle waves: s59,c82;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mz2.05±.23 Mz-2.68±.14; Mm0.63±.15; Mm1.36±.11; Mm-0.05±.10; Mm0.53±.13; Best double couple: NP1:φ286.00000°,δ32.00000°,λ116.00000°; NP2:φ76.00000°,δ62.00000°,λ75.00000°; Principal axes: T 2.5440,Plg70.0000°,AzM314.0000°; N 0.5120,Plg13.0000°,AzM83.0000°; P -3.0520,Plg15.0000°,AzM177.0000°; Mz2.79800×10 ¹⁶								
NEIC	Event type fe. Error ellipse: s-maj=4.5km s-min=3.8km az=26.0. Felt at Hua-lien and T'ai-pei. Recorded [2 TAP] in H-an; [1 TAP] in Chang-hua, Hua-lien, Nan-t'ou, T'ai-pei and T'ai-tung Counties.								
SZGRF	Taiwan.								
(160) Off east coast of North Island									
WEL	I	22 09 11 55.6-14	39.40S	177.66E	33	3.8L			
NEIC	I	22 09 11 55.9	39.37S	177.58E	31	3.7L			18079051
WEL	Event type fe. Error ellipse: s-maj=1.7km s-min=0.9km az=90.0. Felt in the Hawke's Bay region, maximum reported intensity MM 4.								
NEIC	Event type fe. Felt at Wairoa. After WEL.								
(366) Turkey									
ISC	I	22 14 26 22.7-49	36.59N-02	34.79E-02	5-3	3.9b,3.6s	179	0-68	
BJI	I	22 14 26 20.7	36.70N	34.80E	4	5.0b,4.5s			18079062
ISK	I	22 14 26 21.7	36.65N	34.75E	6	4.0,4.5s			
NEIC	I	22 14 26 21.8	36.67N	34.77E	4	4.1L,4.0L			
IDC	I	22 14 26 21.2-1.1	36.54N	34.82E	0	4.0L,3.9b			
MOS	I	22 14 26 22.0-77	36.69N	34.83E	10	4.0b,3.9b			
ISCJB	I	22 14 26 23.0-44	36.59N-02	34.76E-02	19-4	3.9b,3.6s			
CSEM	I	22 14 26 24.0-03	36.64N	34.77E	25	3.5W,3.6s			
NIC	I	22 14 26 28.6-50	36.43N	34.65E	25	4.3b,4.1L			
ISC	Event type fe.								
NEIC	Event type fe. Felt in the local area. After ISK.								
IDC	Error ellipse: s-maj=18.8km s-min=15.7km az=6.0.								
MOS	Error ellipse: s-maj=10.9km s-min=9.4km az=111.5.								
ISCJB	Event type fe. Error ellipse: s-maj=2.8km s-min=2.4km az=70.3.								
CSEM	Event type ke. Error ellipse: s-maj=1.2km s-min=0.8km az=54.0.								
NIC	Moment Tensor Solution. Mz1.70000×10 ¹⁴								
(71) Near coast of Guatemala									
ISC	I	22 16 09 57.4-20	14.01N-03	90.85W-03	76	4.7b	261	0-154	
SZGRF	I	22 16 09 52.9	13.49N	90.67W	67	4.5b			18079066
BJI	I	22 16 09 55.7	13.90N	90.70W	75	5.2s,5.2b			
ISCJB	I	22 16 09 55.3-21	13.99N-03	90.86W-03	74	4.7b,5.2b			
CASC	I	22 16 09 55.0	13.81N	91.03W	78	5.2L,4.8b			
IDC	I	22 16 09 55.3-44	14.09N	90.48W	69-2	4.5,4.4			
NEIC	I	22 16 09 55.8-26	13.90N	90.66W	76	4.8b,4.8			
MOS	I	22 16 09 56.6-1.0	14.05N	90.64W	91	4.8b,4.8			
ISC	Event type fe.								
SZGRF	Near coast of Guatemala.								
ISCJB	Event type fe. Error ellipse: s-maj=5.5km s-min=1.8km az=71.7.								
IDC	Error ellipse: s-maj=16.6km s-min=9.0km az=59.0.								
NEIC	Event type fe. Error ellipse: s-maj=6.6km s-min=4.5km az=222.0. Felt [IV] at Antigua Guatemala and [III] at Guatemala City. Felt at Panajachel, San Bartolome Milpas Altas, San Jose and Santa Catarina Pinula. Also felt [IV] at Antigua Cuscatlan and San Salvador, El Salvador. Felt at Santa Ana, El Salvador.								
MOS	Error ellipse: s-maj=13.0km s-min=5.9km az=108.3.								
(377) Spain									
ISC	I	22 16 27 31.7-25	38.55N-01	6.51W-01	11-2		442	0-14	
ISCJB	I	22 16 27 30.2-26	38.60N-01	6.46W-02	10-2				18079069
IGIL	I	22 16 27 31.8	38.50N	6.50W	2	4.4L			
CSEM	I	22 16 27 32.3	38.50N	6.51W	10	4.8L			
LDG	I	22 16 27 33.4-09	38.51N	6.55W	7-0	4.1L			
INMG	I	22 16 27 33.3-1.1	38.50N	6.55W	13-2	4.1L			
NEIC	I	22 16 27 33.4	38.51N	6.56W	10	4.1			
MDD	I	22 16 27 39.8-2.2	38.50N	6.52W	0	4.4			
STR	I	22 16 27 43.2-35	39.01N	5.78W	10-1	4.1L			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=2.2km s-min=1.8km az=86.8.								
LDG	Event type ke. Error ellipse: s-maj=2.0km s-min=1.7km az=167.0.								
INMG	Event type ke. Error ellipse: s-maj=1.3km s-min=1.0km az=69.0.								
NEIC	Event type fe. Felt [V] at Feria, [III-IV] throughout Extremadura and [II] at Sevilla. After MDD.								
MDD	Event type fe. Error ellipse: s-maj=14.3km s-min=6.0km az=76.0. EMS: SENTIDO COMO EVENTO DISTINTO DE 626613 EN: FERIA FUENTE DEL MAESTRE. PRXIMO.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
(159) North Island									
ISC	I	22 16 52 08.3-55	40.01S-02	176.60E-06	32-4	4.6s,4.4b	103	0-100	
ISCJB	I	22 16 52 07.3-50	40.03S-03	176.67E-06	58-5	4.6s,4.4b			18079073
WEL	I	22 16 52 08.7-16	39.97S	176.59E	25-1	4.5L,4.4b			
BJI	I	22 16 52 09.4	39.90S	176.50E	21	5.0s,4.8s			
NEIC	I	22 16 52 09.4	39.88S	176.49E	21	4.5b,4.4L			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=8.2km s-min=4.0km az=28.3.								
WEL	Event type fe. Error ellipse: s-maj=1.9km s-min=0.8km az=90.0. Felt between Hawke's Bay, Manawatu and King Country, maximum reported intensity MM 5.								
NEIC	Event type se. After WEL.								
(14) Kenai Peninsula									
ISC	I	22 18 58 54.6-47	60.79N-04	150.5W-10	67-6	3.7b	37	0-61	
ISCJB	I	22 18 58 53.4-47	60.80N-04	150.5W-10	75-5	3.7b			18079080
IDC	I	22 18 58 54.8-1.6	60.62N	150.12W	79-21	3.3b,3.3			
NEIC	I	22 18 58 56.0	60.88N	150.56W	57	3.3L,3.1L			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=8.7km s-min=6.1km az=56.8.								
IDC	Error ellipse: s-maj=38.7km s-min=13.8km az=119.0.								
NEIC	Event type fe. Felt at Soldotna. After AEIC.								
(460) Wyoming									
ISC	I	22 20 05 20.6-41	43.82N-04	105.25W-05	0	4.1b	46	1-90	
ISCJB	I	22 20 05 18.9-44	43.81N-04	105.28W-06	0	4.1b			18079086
NEIC	I	22 20 05 20.7-23	43.82N	105.28W	0	3.5L			
IDC	I	22 20 05 21.8-82	44.07N	105.75W	0	4.0b,3.9			
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=6.1km s-min=5.1km az=47.4.								
NEIC	Event type fm. Error ellipse: s-maj=3.4km s-min=2.8km az=119.0. 55 km [35 miles] SSE of Gillette. Suspected Mining explosion.								
IDC	Error ellipse: s-maj=21.4km s-min=7.3km az=144.0.								
(246) Southwestern Ryukyu Islands									
ISC	I	23 04 01 20.7-14	23.83N-10	123.58E-04	25-6	3.6b	25	0-82	
NIED	I	23 04 01 20.7	23.90N	123.70E	5	3.8W			18079085
IDC	I	23 04 01 14.8-5.1	23.64N	123.63E	0	3.8,3.7			
NEIC	I	23 04 01 15.8-8.2	23.27N	123.97E	35	3.9,3.7			
ISCJB	I	23 04 01 19.9-1.5	23.8N-10	123.57E-04	28-6	3.6b,3.7			
JMA	I	23 04 01 21.8-20	23.89N	123.65E	30-2	3.9,3.7			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ34.00000°,δ51.00000°,λ-121.00000°; NP2:φ258.00000°,δ48.00000°,λ-57.00000°; Mz5.30000×10 ¹⁴								
IDC	Error ellipse: s-maj=136.7km s-min=41.8km az=8.0.								
NEIC	Event type se. Error ellipse: s-maj=151.0km s-min=34.4km az=171.0.								
ISCJB	Event type fe. Error ellipse: s-maj=18.0km s-min=5.7km az=164.5.								
JMA	Event type fe. Error ellipse: s-maj=2.2km s-min=1.0km az=1.0.								
(186) Vanuatu Islands									
ISC	I	23 06 02 59.2-16	17.38S-03	167.79E-03	33	6.1s,5.6b	291	1-167	
IDC	I	23 06 02 53.4-34	17.26S	167.76E	0	6.1s,6.1			18037829
BJI	I	23 06 02 55.7	17.66S	168.26E	42	6.2b,6.1s			
LDG	I	23 06 02 55.5-14	17.01S	167.57E	10-0	6.1s,5.9b			
ISCJB	I	23 06 02 57.1-16	17.40S-03	167.73E-03	32	6.1s,5.6b			
NEIC	I	23 06 02 58.1-16	17.39S	167.72E	23	6.3W,6.2s			
MOS	I	23 06 02 58.6-1.6	17.33S	167.69E	41	6.1s,5.9b			
INMG	I	23 06 02 59.5	17.42S	167.71E	31	6.4W,5.9b			

HRVD	I	23 06 02 59.5-10	17.29S	167.65E	30	6.4W,5.9b			
CRAAG	I	23 06 03 01.0	17.40S	167.70E					
ORF	I	23 06 03 20.7	7.73S	163.10E	30	6.4b,5.9b			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=8.6km s-min=7.9km az=1.0.								
LDG	Event type ke. Error ellipse: s-maj=19.7km s-min=6.4km az=95.0.								
ISCJB	Event type fe. Error ellipse: s-maj=4.7km s-min=4.0km az=91.8.								
NEIC	Event type fe. Error ellipse: s-maj=7.4km s-min=6.5km az=50.0. Felt [III] at Port-Vila. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ170.00000°,δ75.00000°,λ90.00000°; NP2:φ350.00000°,δ15.00000°,λ90.00000°; Principal axes: T Plg60.0000°,AzM80.0000°; N Plg0.0000°,AzM0.0000°; P Plg30.0000°,AzM260.0000° Moment Tensor Solution. s54 Moment tensor: Scale 10 ¹⁸ Nm; Mz3.04 Mm0.06 Mm-3.10 Mm-0.47 Mm0.59 Mm-1.75 Best double couple: NP1:φ337.00000°,δ32.00000°,λ69.00000°; NP2:φ182.00000°,δ60.00000°,λ103.00000°; Principal axes: T 3.6100,Plg72.0000°,AzM123.0000°; N 0.0100,Plg11.0000°,AzM356.0000°; P -3.6200,Plg14.0000°,AzM263.0000°; Mz3.60000×10 ¹⁸ Moment Tensor Solution. Mz8.00000×10 ¹⁸								
MOS	Error ellipse: s-maj=8.9km s-min=7.4km az=124.6.								
HRVD	Error ellipse: s-maj=0.0km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s90,c225; Mantle waves: s90,c362;Half duration: 38 Moment tensor: Scale 10 ¹⁸ Nm; Mz3.92±.02 Mm0.26±.02; Mm-4.18±.02; Mm0.67±.04; Mm0.57±.02; Mm-2.34±.04; Best double couple: NP1:φ358.00000°,δ30.00000°,λ99.00000°; NP2:φ168.00000°,δ60.00000°,λ85.00000°; Principal axes: T 6.8100,Plg74.0000°,AzM65.0000°; N 0.3040,Plg4.0000°,AzM170.0000°; P -4.9100,Plg15.0000°,AzM262.0000°; Mz4.75800×10 ¹⁸								
WEL	I	23 10 21 43.2-22	38.60S	178.13E	33	3.9L			
NEIC	I	23 10 21 42.9	38.63S	178.19E	34	4.1L			18079130
BJI	I	23 10 21 42.9	38.60S	178.20E	34	4.8b,4.6s			
WEL	Event type fe. Error ellipse: s-maj=2.7km s-min=1.3km az=90.0. Felt in the Gisborne region, maximum reported intensity MM 4.								
NEIC	Event type se. After WEL.								
(259) Mindanao									
ISC	I	23 14 20 00.5-20	6.51N-03	126.51E-03	65	5.0b	229	1-169	
MOS	I	23 14 19 56.0-1.3	6.64N	126.45E	41	5.3b			18079149
ISCJB	I	23 14 19 58.4-20	6.51N-03	126.52E-03	63	5.1b			
BJI	I	23 14 20 00.9	6.60N	126.40E	71	5.3b,4.9b			
NEIC	I	23 14 20 01.0-21	6.59N	126.44E	71	5.1b,4.9b			
IDC	I	23 14 20 00.9-2.1	6.54N	126.37E	71-18	4.9,4.6			
HRVD	I	23 14 20 01.0-20	6.49N	126.44E	59-2	5.2W,4.6			
MAN	I								

NEIC	I	23 21 29 04.1-46	45.74N	15.79E	10	3.7L,3.4L				
SZGRF	I	23 21 29 05.3	45.72N	15.74E	10	3.7b,3.4L				
LDG	I	23 21 29 05.1-12	45.81N	15.73E	10-0	3.4L,3.4L				
CSEM	I	23 21 29 05.1-07	45.76N	15.70E	5	3.9L,3.4L				
ISC	Event type fe.									
ROM	Event type ke. Error ellipse: s-maj=7.9km s-min=4.1km az=2.0.									
ISCJB	Event type fe. Error ellipse: s-maj=2.9km s-min=2.1km az=154.2.									
NEIC	Event type fe. Error ellipse: s-maj=6.1km s-min=3.6km az=157.0. Felt at Brezice, Bizeljisko and Korinto, Slovenia.									
SZGRF	Northwestern Balkan Peninsula.									
LDG	Event type ke. Error ellipse: s-maj=3.2km s-min=2.1km az=168.0.									
CSEM	Event type ke. Error ellipse: s-maj=1.3km s-min=1.1km az=149.0.									
	(115) Near coast of Peru									
ISC	I	24 02 43 08.2-1.1	12.95S-10	76.6W-20	84-8	3.6b	18	1-145		
ISCJB	I	24 02 43 06.7-1.2	12.95S-10	76.6W-20	90-9	3.6b		18079177		
NEIC	I	24 02 43 06.0-1.1	12.98S	76.62W	50	3.6b				
IDC	I	24 02 43 08.8-4.3	12.91S	76.41W	93-41	3.7,3.7				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=35.8km s-min=7.9km az=98.2.									
NEIC	Event type fe. Error ellipse: s-maj=28.3km s-min=11.2km az=56.0. Felt [III] at Canete.									
IDC	Error ellipse: s-maj=45.9km s-min=23.6km az=48.0.									
	(210) South of Mariana Islands									
ISC	I	24 07 49 25.0-20	10.95N-03	144.01E-03	35	5.3b,4.5s	275	3-167		
IDC	I	24 07 49 19.1-46	10.89N	144.01E	0	5.2,5.2		18079190		
MOS	I	24 07 49 21.1-99	10.92N	143.96E	25	5.5b,4.3s				
BJI	I	24 07 49 22.9	11.12N	143.99E	27	5.3b,5.0b				
ISCJB	I	24 07 49 22.7-20	10.90N-03	143.94E-03	33	5.3b,4.5s				
NEIC	I	24 07 49 24.3-15	10.91N	143.94E	33	5.3b,4.6s				
HRVD	I	24 07 49 24.3-20	10.81N	143.89E	12	5.2W,4.6s				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=15.7km s-min=13.1km az=75.0.									
MOS	Error ellipse: s-maj=10.8km s-min=5.8km az=108.2.									
ISCJB	Event type fe. Error ellipse: s-maj=4.8km s-min=4.4km az=7.5.									
NEIC	Event type fe. Error ellipse: s-maj=4.7km s-min=4.2km az=93.0. Felt [III] on Guam.									
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s34,c70; Mantle waves: s74,c126; Half duration: 150 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} :3.63±2.1; M _{θθ} :6.33±1.4; M _{φφ} :2.70±2.2; M _{φθ} :2.63±4.5; M _{φr} :1.83±1.7; M _{rr} :2.18±6.0; Best double couple: NP1:φ:44.0000°; λ:87.0000°; λ:148.0000°; NP2:φ:291.0000°; λ:867.0000°; λ:48.0000°. Principal axes: T 7.1510,Plg12.0000°; Azm352.0000°; N -0.9420,Plg38.0000°; Azm92.0000°; P -6.2090,Plg49.0000°; Azm248.0000°; M:6.68000x10 ¹⁶									
	(584) South Africa									
ISC	I	24 09 13 39.1-99	26.21S-04	28.20E-05	3-7	3.9b	23	0-149		
NEIC	I	24 09 13 38.0	26.26S	28.26E	2	3.6L		18079192		
PRE	I	24 09 13 38.3-1.5	26.22S	28.23E	2-0	3.8L				
ISCJB	I	24 09 13 39.4-90	26.16S-04	28.20E-05	17-9	3.9b				
IDC	I	24 09 13 41.1-2.9	26.14S	27.75E	0	3.9b,3.8				
ISC	Event type fe.									
NEIC	Event type fe. Felt at Boksburg and Johannesburg. After PRE.									
PRE	Error ellipse: s-maj=3.0km s-min=4.2km az=1.0.									
ISCJB	Event type fe. Error ellipse: s-maj=8.2km s-min=5.8km az=57.0.									
IDC	Error ellipse: s-maj=76.1km s-min=19.4km az=117.0.									
	(235) Kyushu									
ISC	I	24 12 36 51.0-82	31.53N-04	131.78E-08	44-7	3.9b,3.8s	34	0-85		
NIED	I	24 12 36 00	31.50N	131.90E	29	4.4W,3.8s		18318562		
JMA	I	24 12 36 49.1-10	31.52N	131.92E	25-1	4.2,3.8s				
BJI	I	24 12 36 49.1	31.50N	131.90E	24	4.8b,4.3s				
ISCJB	I	24 12 36 49.6-84	31.52N-05	131.88E-08	49-6	3.9b,3.8s				
NEIC	I	24 12 36 49.1	31.52N	131.92E	25	4.3,3.8s				
IDC	I	24 12 36 53.1-2.3	31.49N	131.47E	60-21	3.9,3.9				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ:60.0000°; δ72.0000°; λ118.0000°. NP2:φ:181.0000°; δ33.0000°; λ35.0000°. M:3.81000x10 ¹⁵									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.									
ISCJB	Event type fe. Error ellipse: s-maj=11.0km s-min=7.5km az=33.2.									
NEIC	Event type se. After JMA.									
IDC	Error ellipse: s-maj=26.2km s-min=13.8km az=98.0.									
	(238) Ryukyu Islands									
ISC	I	24 14 27 19.6-49	29.16N-03	130.22E-06	44-4	4.2b,4.0s	62	1-91		
NIED	I	24 14 27 00	29.20N	130.20E	38	4.6W,4.0s		18079201		
JMA	I	24 14 27 18.7-10	29.18N	130.16E	57	4.4,4.0s				
ISCJB	I	24 14 27 18.3-49	29.14N-03	130.25E-06	50-4	4.2b,4.0s				
BJI	I	24 14 27 19.5	29.09N	130.33E	63	4.5b,4.1s				
NEIC	I	24 14 27 20.1-62	29.14N	130.18E	52-6	4.2b,4.1s				
IDC	I	24 14 27 20.2-1.9	29.16N	130.13E	52-18	3.9,3.9				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ:40.0000°; δ67.0000°; λ90.0000°. NP2:φ:219.0000°; δ23.0000°; λ89.0000°. M:9.71000x10 ¹⁵									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.9km az=1.0.									
ISCJB	Event type fe. Error ellipse: s-maj=8.9km s-min=4.2km az=45.7.									
NEIC	Event type fe. Error ellipse: s-maj=8.3km s-min=5.3km az=135.0. Recorded [1 JMA] on Amami-oshima.									
IDC	Error ellipse: s-maj=20.2km s-min=12.6km az=115.0.									
	(14) Kenai Peninsula									
ISC	I	25 07 40 18.9-43	60.11N-04	151.11W-08	65-6	3.9b	45	1-70		
ISCJB	I	25 07 40 17.7-44	60.11N-04	151.11W-08	73-6	3.9b		18079241		
IDC	I	25 07 40 17.9-1.3	60.05N	150.89W	60-19	4.2,4.0				
NEIC	I	25 07 40 20.0	60.12N	151.17W	49	4.1L,3.9L				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=7.7km s-min=5.6km az=77.2.									
IDC	Error ellipse: s-maj=35.0km s-min=9.4km az=117.0.									
NEIC	Event type fe. Felt [III] at Anchor Point, Homer, Kenai, Ninilchik and Soldotna; [II] at Anchorage, Kaslof and Sterling. Felt at Coho. After AEIC.									
	(135) Near coast of central Chile									
ISC	I	25 08 20 20.7-10	32.48S-02	71.91W-05	19-6	4.3b,3.9s	63	0-165		
IDC	I	25 08 20 17.4-73	32.49S	71.71W	0	4.7,4.4		18079245		
ISCJB	I	25 08 20 20.4-79	32.48S-03	71.98W-05	29-5	4.3b,3.9s				
NEIC	I	25 08 20 21.3	32.50S	71.86W	31	4.8L,4.7b				
GUC	I	25 08 20 21.3-75	32.50S	71.86W	31-3	4.8L,4.7b				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=19.0km s-min=16.3km az=166.0.									
ISCJB	Event type fe. Error ellipse: s-maj=7.8km s-min=4.0km az=152.1.									
NEIC	Event type fe. Felt at Los Andes, Melipilla, Petorca, San Antonio, Santiago, Valparaiso, Vina del Mar and Zapallar. After GUC.									
GUC	Error ellipse: s-maj=1.2km s-min=3.6km az=1.0.									
	(39) Central California									
NEIC	I	25 15 29 57.1	37.39N	121.48W	6	3.6W		18079271		
NEIC	Event type fe. Felt [III] at Livermore, Mount Hamilton, Palo Alto, Patterson, San Francisco, San Jose and Sunnyvale; [II] at Los Gatos, Menlo Park, Redwood City and Santa Cruz. Also felt at Belmont, Boulder Creek, Burlingame, Daly City, Half Moon Bay, La Honda, Los Altos, Milpitas, Mountain View, Oakland, Pacifica, Santa Clara, Scotts Valley and Stanford. After NCEDC. Moment Tensor Solution. M:3.00000x10 ¹⁴									
	(249) Luzon									
ISC	I	25 15 34 50.5-19	17.91N-02	121.49E-04	31	4.9b,4.1s	189	0-151		
IDC	I	25 15 34 44.0-54	17.69N	121.43E	0	4.7,4.7L		18079272		
BJI	I	25 15 34 47.3	17.78N	121.59E	24	4.8b,4.7b				
MOS	I	25 15 34 47.8-85	17.72N	121.45E	33	5.2b,4.7b				
HRVD	I	25 15 34 48.5-70	17.89N	121.55E	29-1	4.7W,4.7b				
NEIC	I	25 15 34 48.5-24	17.68N	121.47E	28	5.0b,4.1s				
ISCJB	I	25 15 34 48.7-19	17.94N-02	121.46E-04	29	4.9b,4.1s				
MAN	I	25 15 34 49.3	17.85N	121.33E	14	4.9L,3.8b				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=18.4km s-min=13.5km az=68.0.									
MOS	Error ellipse: s-maj=11.2km s-min=6.0km az=111.2.									
HRVD	Error ellipse: s-maj=6.7km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s15,c15; Mantle waves: s30,c44; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} :1.35±1.6; M _{θθ} :1.15±1.0; M _{φφ} :0.20±1.2; M _{φθ} :0.56±1.4; M _{φr} :0.55±0.7; M _{rr} :0.29±1.9; Best double couple: NP1:φ:247.0000°; δ33.0000°; λ92.0000°. NP2:φ:64.0000°; δ57.0000°; λ89.0000°. Principal axes: T 1.4900,Plg78.0000°; Azm330.0000°									

	; N 0.0510,Plg1.0000°; Azm65.0000°; P -1.5410,Plg12.0000°; Azm155.0000°; M:1.51500x10 ¹⁶									
NEIC	Event type fe. Error ellipse: s-maj=6.2km s-min=5.6km az=88.0. Felt [III PIVS] at Callao and Tuguegarao.									
ISCJB	Event type fe. Error ellipse: s-maj=5.1km s-min=2.6km az=176.6.									
MAN	Event type fe. F INTENSITY III - TUGUEGARAO CAGAYAN CALLAO CAGAYAN.									
	(89) Mona Passage									
ISC	I	25 16 03 59.5-1.4	19.26N-04	67.21W-05	14-9	4.1b	51	1-73		
IDC	I	25 16 03 57.3-85	19.37N	67.14W	0	4.2,4.2L		18079275		
ISCJB	I	25 16 03 59.9-1.8	19.29N-04	67.25W-05	30-14	4.1b,4.2L				
NEIC	I	25 16 04 01.4	19.31N	67.28W	34	4.2b,4.0				
RSPR	I	25 16 04 01.2	19.32N	67.29W	24-22	4.0,4.0				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=31.3km s-min=16.1km az=48.0.									
ISCJB	Event type fe. Error ellipse: s-maj=9.8km s-min=4.6km az=100.6.									
NEIC	Event type fe. Felt [III] at Mayaguez. After RSPR.									
RSPR	Event type ke.									
	(228) Near east coast of eastern Honshu									
ISC	I	25 18 00 08.6-64	38.82N-04	141.72E-09	67-4	3.5b	35	0-76		
ISCJB	I	25 18 00 07.6-66	38.83N-04	141.73E-09	72-4	3.5b		19485969		
JMA	I	25 18 00 08.9	38.83N	141.63E	68-1	3.8				
IDC	I	25 18 00 10.1-2.4	38.88N	141.63E	84-21	3.5,3.4				
NEIC	I	25 18 00 12.0-1.5	38.77N	141.56E	104-14	3.9b,3.4				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=12.9km s-min=5.8km az=44.2.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves, NP1: φ:15.0000°; δ23.0000°; λ83.0000°. NP2: φ:202.0000°; δ67.0000°; λ93.0000°. Principal axes: T Plg68.0000°; Azm118.0000°; N Plg3.0000°; Azm21.0000°; P Plg22.0000°; Azm290.0000°									
IDC	Error ellipse: s-maj=25.1km s-min=15.0km az=112.0.									
NEIC	Event type fe. Error ellipse: s-maj=19.7km s-min=13.2km az=76.0. Recorded [2 JMA] in Iwate and [1 JMA] in Miyagi Prefectures.									
	(29) Washington									
ISC	I	26 03 53 17.4-23	48.86N-02	122.22W-02	1		88	0-6		
ISCJB	I	26 03 53 17.0-23	48.85N-02	122.24W-02	1		18079313			
NEIC	I	26 03 53 18.0	48.82N	122.16W	0	2.5L,2.4				
PNSN	I	26 03 53 18.1	48.82N	122.16W	0	2.4,2.4				
PGC	I	26 03 53 18.4	48.83N	122.17W	1	2.5L,2.4				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=2.5km s-min=2.0km az=43.6.									
NEIC	Event type fe. Felt [IV] at Deming and Everson; [III] at Bellingham. Felt at Maple Falls. After SEA.									
PNSN	Moment Tensor Solution. NP1:φ:20.0000°; δ65.0000°; λ263.0000°. NP2:φ:263.0000°; δ46.0000°. Principal axes: T Plg52.0000°; Azm242.0000°; P Plg11.0000°; Azm138.0000°									
PGC	Event type ke. Error ellipse: s-maj=2.2km s-min=1.5km az=-1.0. Near Mount Baker, Washington.									
	(228) Near east coast of eastern Honshu									
ISC	I	26 16 41 31.0-99	38.03N-04	142.58E-08	40-9	3.9b	49	1-68		

MAN	Event type fe. F MASBATE - INTENSITY III.									
ISC	I	31 16 40 53.8-16	1.65N-02	118.04E-03	29	5.4b,4.7s	384	3-164		
IDC	I	31 16 40 48.7-42	1.69N	117.98E	0	5.1,5.1b			18079656	
CSEM	I	31 16 40 49.0	1.63N	118.00E	8	5.5b,5.1b				
BJI	I	31 16 40 49.1	1.54N	117.98E	17	5.4b,5.1b				
HRVD	I	31 16 40 50.5-10	1.69N	117.97E	12	5.4W,5.1b				
NEIC	I	31 16 40 50.5-16	1.66N	118.01E	10	5.4b,5.4W				
MOS	I	31 16 40 51.8-92	1.73N	118.02E	28	5.6b,4.6s				
ISCJB	I	31 16 40 51.8-16	1.65N-02	118.01E-03	28	5.4b,4.7s				
ISC	Event type fe.									
HRVD	nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s76,c144; Mantle waves: s91,c187; Half duration: 152 Moment tensor: Scale 1017Nm; Mr:1.51±0.2 M ₀ :1.20±0.2; M ₁ :0.30±0.2; M ₂ :0.37±0.5; M ₃ :0.69±0.2; M ₄ :0.15±0.6. Best double couple: NP1:φ:120.0000°; λ:38.0000°; λ:93.0000°; λ:297.0000°; λ:82.0000°; λ:88.0000°. Principal axes: T 1.5610,Plg83.0000°; N 0.0660,Plg2.0000°; Azm298.0000°; P -1.6220,Plg7.0000°; Azm28.0000°; M ₀ :1.992000×10 ¹⁷									
NEIC	Event type fe. Felt [IV] at Tanjunggedep and [III] at Tanjungselor. Moment Tensor Solution. s17 Moment tensor: Scale 1017Nm; Mr:1.44 M ₀ :1.44 M ₁ :0.28 M ₂ :0.15 M ₃ :0.11 Best double couple: NP1:φ:101.0000°; λ:40.0000°; λ:99.0000°; λ:270.0000°; λ:851.0000°; λ:83.0000°. Principal axes: T 1.4300,Plg82.0000°; Azm137.0000°; N 0.0400,Plg6.0000°; Azm275.0000°; P -1.4800,Plg5.0000°; Azm5.0000°; M ₀ :1.500000×10 ¹⁷									
ISCJB	Event type fe.									
ISC	I	31 19 23 59.4-40	38.37N-03	142.26E-05	44	5.3s,4.8b	86	1-122		
NIED	I	31 19 23 00	38.40N	142.30E	35	4.5W,4.8b			18227375	
ISCJB	I	31 19 23 57.1-40	38.34N-04	142.36E-05	42	5.3s,4.8b				
MOS	I	31 19 23 57.2-85	38.36N	142.37E	42	5.0b,4.8b				
JMA	I	31 19 23 58.2-10	38.40N	142.31E	36-2	4.5,4.8b				
IDC	I	31 19 23 59.5-68	38.38N	142.22E	40-5	5.3s,5.3				
HRVD	I	31 19 23 59.0-1.1	38.08N	142.37E	44-2	5.3W,5.3				
NEIC	I	31 19 23 59.0-36	38.32N	142.34E	42	4.9b,4.4W				
BJI	I	31 19 24 03.0	38.45N	141.38E	41	4.9b,4.4W				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ:18.0000°; λ:74.0000°; λ:88.0000°. NP2:φ:206.0000°; λ:16.0000°; λ:97.0000°. M ₀ :5.440000×10 ¹⁵									
ISCJB	Event type fe. Error ellipse: s-maj=6.0km s-min=4.9km az=54.0.									
MOS	Error ellipse: s-maj=14.1km s-min=8.6km az=105.5.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.									
IDC	Error ellipse: s-maj=18.0km s-min=10.0km az=101.0.									
HRVD	Error ellipse: s-maj=8.9km s-min=7.8km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s12,c15; Mantle waves: s22,c26; Half duration: 0 Moment tensor: Scale 1017 Nm; Mr:0.95±.13 M ₀ :0.69±0.7; M ₁ :0.26±0.8; M ₂ :0.44±0.7; M ₃ :0.19±0.4; M ₄ :0.26±0.5; Best double couple: NP1:φ:251.0000°; λ:30.0000°; λ:96.0000°; λ:270.0000°; λ:860.0000°; λ:87.0000°. Principal axes: T 1.0920,Plg74.0000°; Azm325.0000°; N -0.1930,Plg3.0000°; Azm66.0000°; P -0.8990,Plg15.0000°; Azm157.0000°; M ₀ :0.995000×10 ¹⁷									
NEIC	Event type fe. Error ellipse: s-maj=8.1km s-min=6.2km az=119.0. Recorded [2 JMA] in Iwate and Miyagi; [1 JMA] in Fukushima Prefectures. 1. Moment Tensor Solution. M ₀ :4.00000×10 ¹⁵									
WEL	I	31 21 01 42.9-08	41.10S	174.68E	32-0	3.6L			19778329	
WEL	Event type fe. Error ellipse: s-maj=1.0km s-min=0.9km az=0.0. Felt from Wellington to Nelson, maximum reported intensity MM 4.									
ISC	I	31 23 50 37.3-33	28.74S-02	70.35W-08	88-5	4.1b	55	1-152		
ISCJB	I	31 23 50 36.1-34	28.74S-02	70.36W-08	96-5	4.1b			18079682	
NEIC	I	31 23 50 37.0	28.75S	70.65W	85	4.3b				
GUC	I	31 23 50 37.6-91	28.75S	70.64W	85-16	4.9L				
IDC	I	31 23 50 38.7-62	28.67S	70.20W	101-4	4.3,4.0				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=11.6km s-min=3.5km az=0.6.									
NEIC	Event type fe. Felt [III] at Huasco and [II] at Copiapo, Freirina, Tierra Amarilla and Vallenar. After GUC.									
GUC	Error ellipse: s-maj=2.2km s-min=1.4km az=-1.0.									
IDC	Error ellipse: s-maj=21.3km s-min=9.3km az=72.0.									
ISC	(236) Shikoku									
NAO	II	01 03 15 04.2-29	33.49N-03	132.28E-04	49-3	4.1b,4.0s	86	0-89		
BJI	II	01 03 14 56.4	33.29N	134.03E	33	4.2b,4.0s			18188539	
NIED	II	01 03 14 57.5	32.78N	132.80E	66	4.5b,4.0b				
MOS	II	01 03 15 00.2-1	33.50N	132.30E	44	4.2W,4.0b				
ISCJB	II	01 03 15 00.2-1.1	33.37N	132.11E	33	4.4b,4.0b				
JMA	II	01 03 15 03.3-28	33.48N-03	132.29E-04	56-2	4.1b,4.0s				
NEIC	II	01 03 15 04.3	33.51N	132.30E	46	4.3,4.0s				
IDC	II	01 03 15 04.3-38	33.45N	132.20E	50	4.3b,4.0s				
ISC	II	01 03 15 06.5-1.4	33.50N	132.16E	72-12	4.1,4.0				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ:179.0000°; λ:73.0000°; λ:73.0000°. NP2:φ:327.0000°; λ:118.0000°; λ:15.0000°. M ₀ :2.150000×10 ¹⁵									
MOS	Error ellipse: s-maj=12.6km s-min=9.2km az=94.0.									
ISCJB	Event type fe. Error ellipse: s-maj=5.6km s-min=4.9km az=119.9.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ:324.0000°; λ:6.0000°; λ:130.0000°. NP2: φ:194.0000°; λ:87.0000°; λ:57.0000°. Principal axes: T Plg6.0000°; Azm261.0000°; N Plg27.0000°; Azm354.0000°; P Plg62.0000°; Azm159.0000°									
NEIC	Event type fe. Error ellipse: s-maj=9.5km s-min=6.6km az=177.0. Recorded [3 JMA] in Ehime and [1 JMA] in Kagawa and Kochi Prefectures. Recorded [2 JMA] in Hiroshima and Yamaguchi; [1 JMA] in Okayama and Shimane Prefectures, Honshu. Also recorded [2 JMA] in Oita and [1 JMA] in Fukuoka and Miyazaki Prefectures, Kyushu.									
IDC	Error ellipse: s-maj=17.0km s-min=15.7km az=178.0.									
ISC	(122) Near coast of northern Chile									
ISC	II	01 04 44 48.4-1.3	25.52S-03	69.93W-09	25-12	4.1b	25	1-149		
IDC	II	01 04 44 42.9-1.6	25.22S	70.32W	0	4.2b,4.1			18447409	
ISCJB	II	01 04 44 48.2-5.3	25.51S-03	69.84W-07	33	4.1b,4.1				
NEIC	II	01 04 44 49.5	25.52S	70.17W	39	4.3,4.1				
GUC	II	01 04 44 49.5-1.2	25.52S	70.17W	39-6	4.3,4.0L				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=47.5km s-min=28.8km az=109.0.									
ISCJB	Event type fe. Error ellipse: s-maj=9.5km s-min=4.2km az=9.4.									
NEIC	Event type fe. Felt [III] at Paposo and Taltal. After GUC.									
GUC	Error ellipse: s-maj=2.9km s-min=21.5km az=-1.0.									
ISC	(230) Near south coast of eastern Honshu									
ISC	II	01 11 35 53.8-16	35.71N-02	139.97E-02	107	4.9b	403	0-152		
NAO	II	01 11 35 40.3	34.90N	140.33E	33	4.6b			18188551	
BJI	II	01 11 35 51.4	35.68N	139.88E	108	5.2b,5.0b				
ISCJB	II	01 11 35 52.4-16	35.72N-02	139.99E-02	105	4.9b,5.0b				
MOS	II	01 11 35 52.0-97	35.65N	139.80E	104	4.9b,5.0b				
IDC	II	01 11 35 53.3-48	35.64N	139.97E	105-4	4.9,4.7				
JMA	II	01 11 35 53.0-20	35.76N	140.00E	101-2	5.1,4.7				
NEIC	II	01 11 35 53.7-16	35.64N	139.81E	104	5.1W,4.7b				
SZGRF	II	01 11 35 58.9	36.81N	139.68E	105	4.8b,4.7b				
NIED	II	01 11 36 00	35.80N	140.00E	95	5.1W,4.7b				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=2.8km s-min=2.1km az=88.4.									
MOS	Error ellipse: s-maj=10.3km s-min=5.2km az=115.0.									
IDC	Error ellipse: s-maj=9.7km s-min=6.0km az=69.0.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ:320.0000°; λ:174.0000°. NP2: φ:227.0000°; λ:85.0000°; λ:24.0000°. Principal axes: T Plg13.0000°; Azm276.0000°; N Plg65.0000°; Azm36.0000°; P Plg21.0000°; Azm181.0000°									
NEIC	Event type fe. Error ellipse: s-maj=4.6km s-min=3.8km az=159.0. Recorded [4 JMA] in Kanagawa and Saitama; [3 JMA] in Chiba, Gumma, Ibaraki, Shizuoka, Tochigi, Tokyo and Yamaguchi; [2 JMA] in Fukushima, Miyagi, Nagano and Niigata; [1 JMA] in Iwate and Yamagata Prefectures. Moment Tensor Solution. M ₀ :5.10000×10 ¹⁶									
SZGRF	Event type fe. Error ellipse: s-maj=1.6km s-min=0.5km az=90.0. Felt from Hawke's Bay to Wellington, maximum reported intensity MM 4.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ:324.0000°; λ:162.0000°. NP2:φ:232.0000°; λ:6.0000°. M ₀ :5.070000×10 ¹⁶									
ISC	(710) Pakistan									
ISC	II	01 13 52 38.7-15	34.22N-02	73.84E-10	10	4.5b,3.7s	275	1-87		

NAO	II	01 13 52 06.5	30.23N	76.66E	33	5.1b,3.7s			18079713	
LDG	II	01 13 52 35.4-13	34.01N	73.75E	10-0	4.6b,3.6s				
ISCJB	II	01 13 52 36.8-16	34.16N-02	73.82E-03	10	4.5b,3.7s				
NDI	II	01 13 52 38.9-5.0	34.28N	73.78E	10-0	4.9b,4.7L				
NEIC	II	01 13 52 38.5-20	34.20N	73.86E	10	4.6b,4.7L				
BJI	II	01 13 52 38.2	34.32N	73.45E	33	5.1L,4.8b				
MOS	II	01 13 52 40.7-90	34.31N	73.80E	33	4.8b,4.8b				
IDC	II	01 13 52 42.9-5.2	34.27N	73.83E	37-44	5.3L,4.4				
NNC	II	01 13 52 57.1-6.8	34.98N	73.75E	160-53	5.0,4.0b				
ISC	Event type fe.									
LDG	Event type ke. Error ellipse: s-maj=10.4km s-min=4.4km az=27.0.									
ISCJB	Event type fe. Error ellipse: s-maj=3.5km s-min=2.3km az=115.1.									
NDI	Error ellipse: s-maj=15.9km s-min=14.6km az=-1.0.									
NEIC	Event type fe. Error ellipse: s-maj=6.1km s-min=3.4km az=211.0. Felt at Tangdhar and Uri, Kashmir.									
MOS	Error ellipse: s-maj=8.0km s-min=4.5km az=109.2.									
IDC	Error ellipse: s-maj=19.8km s-min=12.8km az=22.0.									
NNC	Error ellipse: s-maj=67.2km s-min=44.9km az=52.0.									
ISC	(210) South of Mariana Islands									
ISC	II	01 19 24 04.8-32	13.00N-04	145.23E-05	71	4.6b	122	1-148		
NAO	II	01 19 23 57.8	11.50N	141.84E	33	5.0b			18079718	
MOS	II	01 19 23 58.3-90	12.97N	145.19E	33	4.8b				
BJI	II	01 19 24 00.6	12.71N	145.47E	76	5.1b,4.8b				
ISCJB	II	01 19 24 02.6-32	12.94N-04	145.20E-06	69	4.6b,4.8b				
NEIC	II	01 19 24 06.0-27	12.93N	145.06E	83	4.7b,4.8b				
IDC	II	01 19 24 06.4-71	12.89N	145.04E	85-6	4.6,4.4				
ISC	Event type fe.									
MOS	Error ellipse: s-maj=14.7km s-min=6.9km az=107.6.									
ISCJB	Event type fe. Error ellipse: s-maj=7.8km s-min=6.0km az=150.4.									
NEIC	Event type fe. Error ellipse: s-maj=8.6km s-min=6.4km az=84.0. Felt [II] at Santa Rita. Also felt at Barrigada, Dededo, Inarajan and Yigo.									
IDC	Error ellipse: s-maj=17.4km s-min=9.9km az=85.0.									
ISC	(337) Eastern Caucasus									
MOS	II	02 06 59 15.7-1.5	42.31N	47.46E	96	4.2b				
NNC	II	02 06 59 29.3-5.0	43.06N	48.18E	66-45	3.3b			18318954	
MOS	Event type fe. Error ellipse: s-maj=21.2km s-min=8.7km az=34.7. Felt (III-IV) at Kizilyurt.									
NNC	Error ellipse: s-maj=64.4km s-min=36.8km az=130.0.									
ISC	(118) Peru-Bolivia border region									
ISC	II	02 12 02 14.0-33	16.74S-06	70.26W-08	39	5.1s,4.8b	72	2-170		
NEIC	II									

ISCJB Event type fe. Error ellipse: s-maj=4.7km s-min=3.8km az=24.5.

IDC Error ellipse: s-maj=23.7km s-min=16.8km az=39.0.

NEIC Event type fe. Error ellipse: s-maj=9.9km s-min=4.4km az=190.0. Felt at Bhuj. Also felt at Chachro, Diplo, Mitthi Nagar Parkar and Umartok, Pakistan.

NDI Error ellipse: s-maj=14.5km s-min=15.7km az=1.0.

MOS Error ellipse: s-maj=11.4km s-min=5.1km az=124.3.

(327) Lake Baykal region

ISC II	03 01 24 46.8-14	53.46N-02	108.78E-02	14	4.5b,3.9s	297	1-151
IDC II	03 01 24 44-4-53	53.47N	108.82E	0	4.5,4.4		
BJI II	03 01 24 45.5	53.36N	109.06E	10	4.7s,4.6b		18079772
MOS II	03 01 24 45.4-1.0	53.46N	108.88E	19	4.7b,3.9s		
SZGRF II	03 01 24 45.4	54.33N	111.20E	15	4.6b,3.9s		
ISCJB II	03 01 24 45.1-15	53.43N-02	108.79E-03	13	4.5b,3.9s		
BYKL II	03 01 24 46.5-27	53.42N	108.81E	16-11	4.5b,3.9s		
NEIC II	03 01 24 46.8-25	53.48N	108.71E	12	4.7b,3.9s		
NAO II	03 01 24 52.5	55.47N	111.69E	33	3.8b,3.9s		

ISC Event type fe.

IDC Error ellipse: s-maj=14.1km s-min=13.1km az=118.0.

MOS Event type fe. Error ellipse: s-maj=6.7km s-min=5.3km az=91.6. Felt (III-IV) at Ust'-Barguzin, (III) at Barguzin, (II) at Onguryeny. Moment Tensor Solution.

SZGRF Lake Baykal, Russia, region.

ISCJB Event type fe. Error ellipse: s-maj=2.8km s-min=1.8km az=110.2.

BYKL Event type se. #FAULT_PLANE Type Strike Dip Rake NP NS Plane Author # FM 46.00 46.00 -96.00 24 0 IEC + 235.00 44.00 -84.00 IEC #PRINAX sc T_val T_azim T_pl B_val B_azim B_pl P_azim P_val Author + eTv eBv eBa eBp ePv ePa ePp tCLVD # 140.00 1.00 50.00 5.00 243.00 85.00 IEC + 0.00 8.43 0.00 10.15 53.20 1.15 IEC. FELT I=V MSK at Ust-Barguzin; IV-V at Makarinino, Gusikha; IV at Adamovo, Maksimikha, Zhuravil'kha; III-IV at Barguzin; III at Onguren.

NEIC Event type fe. Error ellipse: s-maj=6.0km s-min=5.6km az=115.0. Felt [IV] at Ust'-Barguzin, [III] at Barguzin and [II] at Onguryeny.

(29) Washington

ISC II	03 01 47 46.5-40	47.97N-02	122.43W-02	18-3	3.4b	125	0-68
ISCJB II	03 01 47 46.2-28	47.97N-02	122.41W-03	20-3	3.4b		18079773
PGC II	03 01 47 46.7	47.95N	122.39W	33	3.4L,3.3		
PNSN II	03 01 47 46.7	47.95N	122.40W	33	3.3,3.3		
NEIC II	03 01 47 47.0	47.95N	122.40W	29	3.6,3.3		
IDC II	03 01 47 48.5-4.0	47.80N	122.19W	35-47	3.4,3.3L		

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=3.3km s-min=2.0km az=98.8.

PGC Event type fe. Near Everett, Washington. Felt (I) in Victoria and Ladner.

PNSN Moment Tensor Solution. NP1:φ=25.00000°,δ35.00000°,λ170.00000°. M2:φ=170.00000°,δ60.00000°. Principal axes: T P1g69.0000°,Azm40.0000°; P P1g13.0000°,Azm274.0000°.

NEIC Event type fe. Felt [IV] at Granite Falls; [III] at Bothell, Camano Island, Carnation, Clinton, Duvall, Edmonds, Everett, Freeland, Indianola, Issaquah, Kenmore, Kirkland, Lake Stevens, Langley, Lynnwood, Marysville, Mountlake Terrace, Port Ludlow, Poulsbo, Quilcene, Seattle and Snohomish; [II] at Bainbridge Island, Bellevue, Bellingham, Bremerton, Coupeville, Gig Harbor, Greenbank, Kingston, Monroe, Mukilteo, Oak Harbor, Port Townsend, Redmond, Sammamish, Silverdale, Stanwood and Woodinville. Also felt at Anacortes, Belfair, Eastsound, Eatonville, Enumclaw, Friday Harbor, Greenbank, Hansville, Lopez Island, Mount Vernon, North Bend, Olalla, Olympia, Port Angeles, Port Hadlock, Port Orchard, Puyallup, Snoqualmie and Suquamish. Felt at Ladner and Victoria, British Columbia. After SEA.

IDC Error ellipse: s-maj=29.3km s-min=15.7km az=124.0.

(228) Near east coast of eastern Honshu

ISC II	03 04 04 01.1-56	37.90N-03	141.83E-05	48-3	4.5b,3.8s	252	1-146
NIED II	03 04 03 00	37.90N	141.90E	44	4.5W,3.8s		18079782
NAO II	03 04 03 40.1	35.40N	145.12E	33	4.3b,3.8s		
MOS II	03 04 03 57.9-1.0	37.94N	141.91E	33	4.8b,3.8s		
ISCJB II	03 04 03 60.0-56	37.89N-03	141.86E-05	51-3	4.5b,3.8s		
JMA II	03 04 03 59.7-10	37.87N	141.88E	42-1	4.5,3.8s		
BJI II	03 04 04 00.2	37.88N	141.83E	65	5.0b,4.8b		
SZGRF II	03 04 04 01.1	38.17N	141.35E	33	4.4b,4.8b		
NEIC II	03 04 04 02.9-69	37.84N	141.82E	67-6	4.6b,4.5W		
IDC II	03 04 04 03.7-2.7	37.87N	141.79E	75-25	4.3,4.1		

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=21.00000°,δ73.00000°,λ97.00000°. NP2:φ=179.00000°,δ18.00000°,λ69.00000°. M2:φ=100.00000°,λ105.00000°. Error ellipse: s-maj=9.2km s-min=5.3km az=106.6.

MOS Event type fe. Error ellipse: s-maj=6.8km s-min=4.2km az=73.1.

ISCJB Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution.

JMA Broadband fault plane solution: P waves. NP1:φ=210.00000°,δ30.00000°,λ70.00000°. NP2:φ=53.00000°,δ62.00000°,λ101.00000°. Principal axes: T P1g71.0000°,Azm349.0000°; N P1g10.0000°,Azm228.0000°; P P1g16.0000°,Azm135.0000°.

SZGRF Near east coast of eastern Honshu, Japan.

NEIC Event type fe. Error ellipse: s-maj=6.7km s-min=5.1km az=152.0. Recorded [2 JMA] in Fukushima, Iwate and Miyagi Prefectures. Moment Tensor Solution. M2.10000x10¹⁵

IDC Error ellipse: s-maj=16.1km s-min=14.5km az=70.0.

(228) Near east coast of eastern Honshu

ISC II	03 04 37 37.8-12	36.23N-02	141.54E-02	37	5.5s,5.5b	827	1-162
NIED II	03 04 37 00	36.20N	141.70E	23	5.7W,5.5b		18079784
NAO II	03 04 37 34.1	36.29N	141.37E	24	5.9s,5.8s		
BJI II	03 04 37 35.3-20	36.21N	141.61E	62-4	5.9,5.8s		
ISCJB II	03 04 37 36.1-12	36.19N-02	141.54E-02	35	5.5s,5.5b		
NEIC II	03 04 37 36.4-15	36.16N	141.45E	28	5.7W,5.7W		
HRVD II	03 04 37 36.4-10	36.12N	141.81E	32	5.7W,5.7W		
CRAAG II	03 04 37 37.4	36.28N	141.39E	5	4.5b,5.7W		
IDC II	03 04 37 37.7-2.1	36.13N	141.53E	38-17	5.4s,4.4		
MOS II	03 04 37 38.0-80	36.60N	141.41E	33	5.9s,5.7b		
BGS II	03 04 37 38.0	36.01N	140.41E	33	5.4b,5.7b		
SZGRF II	03 04 37 40.3	36.95N	141.93E	42	5.9s,5.3b		
NAO II	03 04 37 48.3	37.80N	140.28E	33	5.7b,5.3b		

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=27.00000°,δ72.00000°,λ85.00000°. NP2:φ=224.00000°,δ19.00000°,λ106.00000°. M3.30000x10¹⁷

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=2.7km az=-1.0.

ISCJB Event type fe. Error ellipse: s-maj=2.9km s-min=2.2km az=124.5.

NEIC Event type fe. Error ellipse: s-maj=4.7km s-min=3.2km az=165.0. Felt at Tokyo. Recorded [3 JMA] in Fukushima, Ibaraki, Miyagi and Tochigi; [2 JMA] in Chiba, Gumma, Iwate, Kanagawa, Nagano, Niigata, Saitama, Tokyo and Yamagata; [1 JMA] in Aichi, Akita and Aomori, Shizuoka and Yamanaishi Prefectures. Recorded [1 JMA] in south-central Hokkaido. Depth from synthetics of broadband displacement seismograms. Energy computed from MT mechanism. Moment Tensor Solution. M3.90000x10¹⁷ Moment Tensor Solution. s27

Moment tensor: Scale 10¹⁷N; M2:2.1 M0.0-0.8 M0.0-1.4 M0.1-4.3 M0.0-1.5 M0.4-2.1

Best double couple: NP1:φ=21.00000°,δ76.00000°,λ79.00000°. NP2:φ=25.00000°,δ18.00000°,λ128.00000°. Principal axes: T 5.0100,Plg57.0000°,Azm276.0000°; N 0.1900,Plg11.0000°,Azm24.0000°; P -5.1900,Plg30.0000°,Azm120.0000°. M2.5.1000x10¹⁷

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s87,c175; Mantle waves: s97,c213; Half duration: 1s8 Moment tensor: Scale 10¹⁷N; M2:2.91±0.5 M0.0-0.55±0.4; M0.0-2.36±0.4; M0.1-4.6±0.7; M0.0-1.83±0.3; M0.3-3.5±0.6; Best double couple: NP1:φ=221.00000°,δ21.00000°,λ105.00000°. NP2:φ=25.00000°,δ70.00000°,λ84.00000°. Principal axes: T 4.5950,Plg65.0000°,Azm285.0000°; N 0.5350,Plg5.0000°,Azm27.0000°; P -5.1330,Plg24.0000°,Azm119.0000°. M4.86400x10¹⁷

IDC Error ellipse: s-maj=12.0km s-min=9.3km az=101.0.

MOS Error ellipse: s-maj=6.6km s-min=4.0km az=108.3.

SZGRF Near east coast of eastern Honshu, Japan.

(228) Near east coast of eastern Honshu

ISC II	03 04 39 26.3-37	36.25N-04	141.48E-05	33	5.2s,5.1b	92	1-91
NIED II	03 04 39 00	36.20N	141.50E	23	5.1W,5.1b		18188623
NAO II	03 04 39 23.7	35.75N	141.22E	33	5.3b,5.1b		
ISCJB II	03 04 39 24.8-35	36.29N-04	141.51E-05	31	5.2s,5.1b		
BJI II	03 04 39 24.4	36.60N	141.50E	31	5.5b,4.6b		
JMA II	03 04 39 25.1-10	36.25N	141.48E	53-3	4.9,4.6b		
MOS II	03 04 39 26.1-84	36.65N	141.49E	33	5.3b,4.6b		
NEIC II	03 04 39 27.5-33	36.58N	141.46E	32	5.1W,5.1b		
IDC II	03 04 39 27.7-84	36.61N	141.54E	32-5	5.2s,5.2		

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=33.00000°,δ73.00000°,λ95.00000°. NP2:φ=197.00000°,δ18.00000°,λ75.00000°. M5.91000x10¹⁶

ISCJB Event type fe. Error ellipse: s-maj=5.7km s-min=5.2km az=62.9.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.

MOS Error ellipse: s-maj=13.0km s-min=8.4km az=44.8.

NEIC Event type se. Error ellipse: s-maj=8.4km s-min=6.0km az=158.0. Moment Tensor Solution.

M5.90000x10¹⁶

IDC Error ellipse: s-maj=21.7km s-min=19.1km az=81.0.

(249) Luzon

MAN II	03 04 40 09.1	16.27N	120.47E	1	4.6L,3.4b		
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MAN Event type fe. F BAGUIO CITY INTENSITY I.

(238) Ryukyu Islands

JMA II	03 05 02 45.8-10	28.52N	129.68E	23-1	3.5		19489126
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JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.

(228) Near east coast of eastern Honshu

ISC II	03 05 38 10.0-20	36.19N-03	141.58E-03	34	4.8b,4.6s	291	1-150
NIED II	03 05 38 00	36.30N	141.70E	23	4.7W,4.6s		19489136
SZGRF II	03 05 38 05.8	34.98N	141.63E	30	5.3b,4.6s		
BJI II	03 05 38 06.6	36.21N	141.62E	32	5.2b,4.9b		
ISCJB II	03 05 38 08.1-20	36.18N-03	141.60E-03	32	4.8b,4.6s		
JMA II	03 05 38 08.1-20	36.21N	141.60E	60-3	4.9,4.6s		
NEIC II	03 05 38 09.8-17	36.17N	141.57E	32	4.8b,4.7W		
IDC II	03 05 38 10.2-52	36.12N	141.53E	37-3	4.7L,4.6		
NAO II	03 05 38 10.9	36.17N	140.89E	33	4.9b,4.6		
MOS II	03 05 38 10.6-72	36.58N	141.42E	33	5.1b,4.6		

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=23.00000°,δ70.00000°,λ89.00000°. NP2:φ=206.00000°,δ20.00000°,λ93.00000°. M2.34000x10¹⁶

SZGRF Off east coast of Honshu, Japan.

ISCJB Event type fe. Error ellipse: s-maj=4.2km s-min=3.2km az=126.6.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.

NEIC Event type fe. Error ellipse: s-maj=4.8km s-min=3.2km az=167.0. Recorded [2 JMA] in Chiba, Fukushima, Ibaraki and Tochigi; [1 JMA] in Gumma, Miyagi, Saitama and Tokyo Prefectures. Moment Tensor Solution. M1.30000x10¹⁶

IDC Error ellipse: s-maj=12.7km s-min=11.9km az=117.0.

MOS Error ellipse: s-maj=8.6km s-min=5.0km az=114.7.

(228) Near east coast of eastern Honshu

ISC II	03 05 41 39.4-20	36.21N-03	141.54E-03	33	4.9b,4.5s	292	1-147
NIED II	03 05 41 00	36.30N	141.50E	26	4.9W,4.5s		18079787
BJI II	03 05 41 36.2	36.11N	141.29E	19	5.1b,5.0b		
MOS II	03 05 41 37.6-94	36.19N	141.53E	33	5.2b,5.0b		
JMA II	03 05 41 37.4-20	36.22N	141.58E	63-4	5.0,5.0b		
ISCJB II	03 05 41 37.4-20	36.17N-03	141.57E-03	31	4.9b,4.5s		
NEIC II	03 05 41 39.1-22	36.21N	141.53E	31	4.8W,4.8b		
IDC II	03 05 41 39.8-67	36.17N	141.52E	39-4	4.9L,4.7		
SZGRF II	03 05 41 42.4	36.75N	141.17E	33	4.7b,4.7		
NAO II	03 05 41 43.1	36.56N	140.41E	33	5.0b,4.7		

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=23.00000°,δ68.00000°,λ90.00000°. NP2:φ=203.00000°,δ22.00000°,λ90.00000°. M2.28000x10¹⁶

MOS Error ellipse: s-maj=9.3km s-min=5.2km az=119.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=2.7km az=-1.0.

ISCJB Event type fe. Error ellipse: s-maj=4.2km s-min=3.2km az=115.5.

NEIC Event type fe. Error ellipse: s-maj=6.8km s-min=3.3km az=170.0. Recorded [2 JMA] in Chiba, Fukushima, Ibaraki, Saitama and Tochigi; [1 JMA] in Gumma, Kanagawa, Miyagi, Nagano and Tokyo Prefectures. Moment Tensor Solution. M2.30000x10¹⁶

IDC Error ellipse: s-maj=13.4km s-min=12.8km az=171.0.

SZGRF Near east coast of eastern Honshu, Japan.

(228) Near east coast of eastern Honshu

ISC II	03 06 10 06.3-15	36.23N-02	141.55E-02	38	5.2b,5.0s	537	1-158
NIED II	03 06 10 00	36.20N	141.60E	23	5.2W,5.0s		18079789
MOS II	03 06 10 03.7-1.0	36.18N	141.57E	32	5.5b,5.3s		
BJI II	03 06 10 03.4	36.16N	141.21E	16	5.3b,5.2s		
JMA II	03 06 10 03.6-20	36.23N	141.61E	63-4	5.3,5.2s		
ISCJB II	03 06 10 04.6-15	36.20N-02	141.55E-02	36	5.2b,5.0s		
IDC II	03 06 10 05.6-38	36.13N	141.54E	35-2	4.9,4.8		
NEIC II	03 06 10 06.0-13	36.18N	141.52E	37	5.2W,5.2b		
HRVD II	03 06 10 06.1-20	36.15N	141.89E	32	5.3W,5.2b		
NAO II	03 06 10 06.5	36.26N	141.08E	33	5.6b,5.2b		
BGS II	03 06 10 07.2-2.5	35.06N	136.50E	33-0	5.3b,5.2b		
SZGRF II	03 06 10 08.1	36.67N	141.47E	38	5.1b,5.1s		

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=24.00000°,δ69.00000°,λ83.00000°. NP2:φ=223.00000°,δ22.00000°,λ108.00000°. M7.77000x10¹⁶

MOS Error ellipse: s-maj=8.6km s-min=4.6km az=118.2.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=2.7km az=-1.0.

ISCJB Event type fe. Error ellipse: s-maj=3.2km s-min=2.4km az=126.3.

IDC Error ellipse: s-maj=11.4km s-min=9.5km az=109.0.

NEIC Event type fe. Error ellipse: s-maj=3.9km s-min=2.6km az=163.0. Recorded [2 JMA] in Chiba, Fukushima, Ibaraki, Miyagi and Tochigi; [1 JMA] in Gumma, Kanagawa, Nagano, Saitama and Tokyo Prefectures. Moment Tensor Solution. M7.80000x10¹⁶

HRVD Error ellipse: s-maj=1.1km s-min=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s60,c94; Mantle waves: s77,c155; Half duration: 1s1 Moment tensor: Scale 10¹⁷N; M2:0.67±0.2 M0.0-0.16±0.1; M0.0-0.51±0.2; M0.0-2.7±0.2; M0.0-0.38±0.1; M0.0-6.9±0.2; Best double couple: NP1:φ=222.00000°,δ23.00000°,λ107.00000°. NP2:φ=24.00000°,δ68.00000°,λ83.00000°. Principal axes: T 1.0010,Plg66.0000°,Azm282.0000°; N 0.0690,Plg6.0000°,Azm27.0000°; P -1.0700,Plg23.0000°,Azm119.0000°. M2.1.0300x10¹⁷

BGS Error ellipse: s-maj=815.6km s-min=999.9km az=-1.0.

SZGRF Near east coast of eastern Honshu, Japan.

(163) Cook Strait

WEL II	03 06 32 38.9-05	40.76S	174.97E	44-1	3.6L		
NEIC II	03 06 32 38.9	40.78S	174.97E	47	3.7L		18079790

WEL Event type fe. Error ellipse: s-maj=0.9km s-min=0.5km az=90.0. Felt from Man

Table with columns for station ID, coordinates, and event details. Includes stations like NAO, BGS, ISC, and NEIC with event descriptions and tensor solutions.

SZGRF Andaman Islands, India, region. (268) Sulawesi

Table listing seismic events in Sulawesi, including station IDs (ISC, BJI, etc.), coordinates, and event parameters.

IDC Error ellipse: s-maj=22.1km s-min=11.0km az=57.0. (221) Kuril Islands

Table listing seismic events in the Kuril Islands, including station IDs (ISC, SZGRF, etc.), coordinates, and event parameters.

AUST II 04 16 31 57.6 37.56S 148.18E 2 3.9L 19431298

AUST Event type fe. Felt. (460) Wyoming

Table listing seismic events in Wyoming, including station IDs (ISC, SZGRF, etc.), coordinates, and event parameters.

ISC II 04 21 20 28.9-32 41.96N-03 142.31E-04 64-3 4.1b 68 0-87 18095875

Table listing seismic events in Hokkaido region, including station IDs (ISC, NIED, etc.), coordinates, and event parameters.

ISC II 04 23 01 47.6-55 1.61N-03 125.66E-04 63-4 5.2b 220 5-169 18083615

Table listing seismic events in Northern Molucca Sea, including station IDs (BJI, MOS, etc.), coordinates, and event parameters.

ISC II 05 00 29 47.0-69 40.41S-03 176.57E-07 32-5 3.9b 97 0-152 18083628

Table listing seismic events in North Island, including station IDs (ISC, BJI, etc.), coordinates, and event parameters.

Table listing seismic events in Lake Baykal region, including station IDs (ISC, IDC, etc.), coordinates, and event parameters.

ISC II 05 03 25 53.2-20 44.76N-02 111.83W-03 10 4.4b,4.0s 160 0-123 18079874

Table listing seismic events in Hebggen Lake region, Montana, including station IDs (ISC, BJI, etc.), coordinates, and event parameters.

ISC II 05 08 17 02.7-09 66.28N-01 142.47W-04 19 5.1s,5.0b 645 1-177 18079880

Table listing seismic events in Northern Alaska, including station IDs (SZGRF, BJI, etc.), coordinates, and event parameters.

HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.

Table listing seismic events in Northern Xinjiang border region, including station IDs (ISC, IDC, etc.), coordinates, and event parameters.

ISC II 05 16 15 17.2-14 59.56N-02 152.04W-04 64 5.0b 500 1-169 18079893

Table listing seismic events in Kenai Peninsula, including station IDs (NAO, MOS, etc.), coordinates, and event parameters.

ISC II 05 16 15 17.8-20 59.33N 151.83W 71-2 5.0W,5.0s 48 5.3L,5.2L 4.8b,5.2L

Table listing seismic events in Northern Alaska, including station IDs (ISC, BJI, etc.), coordinates, and event parameters.

ISC II 05 16 43 31.1-12 66.36N-02 142.34W-04 10 4.8b,4.7s 378 1-148 18079895

Table listing seismic events in Northern Alaska, including station IDs (ISC, BJI, etc.), coordinates, and event parameters.

Best double couple: NP1:φ55.00000°,δ63.00000°,λ-8.00000°; NP2:φ149.00000°,δ83.00000°,λ-152.00000°. Principal axes: T 7.1480,Plg14.0000°,AzM279.0000°; N -1.5290,Plg62.0000°,AzM163.0000°; P -5.6090,Plg25.0000°,AzM16.0000°. M₀:3.7800×10¹⁶

SZGRF Northern Alaska, United States.
MOS Error ellipse: s-maj=13.6km s-min=4.0km az=87.4.

(259) Mindanao

ISC	II	06 00 40 22.4-94	6.69N-06	123.87E-06	38-11	4.2b	33	1-63
IDC	II	06 00 40 16.8-1.1	6.70N	124.10E	0	4.2,3.9b		19490341
ISCJB	II	06 00 40 21.3-92	6.68N-06	123.85E-06	49-11	4.2b,3.9b		
NEIC	II	06 00 40 22.0-62	6.57N	123.78E	35	4.4b,3.9b		
MAN	II	06 00 40 21.5	6.76N	123.86E	81	5.1L,4.2b		

ISC Event type fe.
IDC Error ellipse: s-maj=17.15km s-min=18.8km az=65.0.
ISCJB Event type fe. Error ellipse: s-maj=11.6km s-min=8.4km az=85.6.
NEIC Event type fe. Error ellipse: s-maj=20.6km s-min=12.2km az=68.0. Felt [II PIVS] at Cotabato and [I PIVS] at Zamboanga.

MAN Event type fe. F COTABATO CITY - INTENSITY II ZAMBOANGA CITY - INTENSITY I.
(228) Near east coast of eastern Honshu

ISC	II	06 00 47 09.4-1.2	39.01N-04	142.11E-07	8-6	3.7b	27	0-73
NIED	II	06 00 47 00	39.00N	142.10E	20	3.6W		19258294
ISCJB	II	06 00 47 09.1-1.5	38.99N-03	142.13E-07	14-7	3.6b		
JMA	II	06 00 47 10.2	39.00N	142.06E	19-1	3.9		
NEIC	II	06 00 47 14.7-1.3	39.19N	141.87E	35	3.7b		

ISC Event type fe.
NIED Moment Tensor Solution. Best double couple: NP1:φ85.00000°,δ67.00000°,λ151.00000°. NP2:φ187.00000°,δ64.00000°,λ26.00000°. M₀:2.67000×10¹⁴

ISCJB Event type fe. Error ellipse: s-maj=9.0km s-min=5.3km az=27.6.
JMA Event type fe.
NEIC Event type fe. Error ellipse: s-maj=31.7km s-min=14.0km az=121.0. Recorded [2 JMA] in Iwate and Miyagi Prefectures.

(224) Hokkaido region

ISC	II	06 03 39 47.8-35	42.06N-03	142.46E-04	68-2	4.0b	80	0-147
NAO	II	06 03 39 35.1	40.71N	142.65E	33	4.0b		19490375
MOS	II	06 03 39 43.9-88	42.45N	142.35E	33	4.5b		
BJI	II	06 03 39 45.3	42.40N	142.40E	50	4.3s,4.1s		
ISCJB	II	06 03 39 46.8-34	42.06N-03	142.45E-04	73-2	4.0b,4.1s		
JMA	II	06 03 39 47.2-10	42.05N	142.48E	68-2	4.0,4.1s		
NEIC	II	06 03 39 47.3-64	42.39N	142.37E	50	4.3b,4.1s		
IDC	II	06 03 39 50.2-2.3	42.15N	142.35E	84-15	3.9,3.7		

ISC Event type fe.
MOS Error ellipse: s-maj=16.0km s-min=10.8km az=96.3.
ISCJB Event type fe. Error ellipse: s-maj=6.3km s-min=3.9km az=105.9.
JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves, NP1:φ130.00000°,δ10.00000°,λ27.00000°. NP2:φ13.00000°,δ85.00000°,λ99.00000°. Principal axes: T Plg49.0000°,AzM293.0000°; N Plg9.0000°,AzM193.0000°; P Plg40.0000°,AzM95.0000°

NEIC Event type fe. Error ellipse: s-maj=15.0km s-min=9.1km az=121.0. Recorded [2 JMA] in south-central Hokkaido.

IDC Error ellipse: s-maj=21.1km s-min=14.3km az=149.0.
(362) Western Caucasus

ISC	II	06 04 08 04.0-09	42.65N-01	43.50E-01	24	5.0b,5.0s	904	0-145
IDC	II	06 04 07 59.8-32	42.56N	43.59E	0	4.8s,4.8s		18079912
CSEM	II	06 04 07 59.7	42.60N	43.57E	10	5.0b,4.8s		
BJI	II	06 04 07 59.4	42.73N	42.68E	35	5.5s,5.4b		
MOS	II	06 04 08 00.7-1.1	42.65N	43.46E	11	5.3b,4.9s		
TIF	II	06 04 08 01.3	42.55N	43.45E	10-1	5.3b,4.9s		
NAO	II	06 04 08 01.3	43.19N	45.49E	33	5.1b,4.9s		
ISCJB	II	06 04 08 02.2-09	42.62N-01	43.45E-01	22	5.0b,5.0s		
HRVD	II	06 04 08 03.1-20	42.65N	43.45E	14	5.3W,5.0s		
NEIC	II	06 04 08 03.1-1.3	42.65N	43.53E	17-8	5.2b,4.6s		
SZGRF	II	06 04 08 06.7	42.62N	43.21E	33	4.9b,4.4s		

ISC Event type fe.
IDC Error ellipse: s-maj=8.2km s-min=5.7km az=65.0.
MOS Event type fe. Error ellipse: s-maj=3.5km s-min=2.3km az=132.2. Felt (III-IV) at Stepanavan, Na'chik, (III) at Gyumri, Noyemberyan. Moment Tensor Solution.

ISCJB Event type fe. Error ellipse: s-maj=1.8km s-min=1.3km az=14.3.
HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s73,c115; Mantle waves: s94,c191; Half duration: 1s2 Moment tensor: Scale 10¹⁷Nm; M_{rr}-0.84±0.02 M_{θθ}-0.54±0.01; M_{φφ}0.30±0.01; M_{φθ}0.46±0.01; M_{φr}0.09±0.04; Best double couple: NP1:φ324.00000°,δ31.00000°,λ118.00000°. NP2:φ51.12.00000°. δ63.00000°,λ74.00000°. Principal axes: T 1.0750,Plg68.0000°,AzM351.0000°; N -0.0230,Plg14.0000°,AzM119.0000°; P -1.0530,Plg16.0000°,AzM214.0000°. M₀:1.06400×10¹⁷

NEIC Event type fe. Error ellipse: s-maj=3.4km s-min=2.7km az=203.0. Felt at Borjomi, Gori, K'utaisi, Tblisi and T'skhinvali. Felt [IV] at Step'anavan and [III] at Gyumri and Noyemberyan, Armenia. Also felt [IV] at Na'chik, Russia.

SZGRF Western Caucasus.

(4) Komandorsky Islands region

ISC	II	06 05 51 33.2-12	56.22N-02	164.18E-03	27	5.3s,5.0b	516	1-151
IDC	II	06 05 51 29.9-38	56.27N	164.39E	0	5.1,5.1s		18079914
SZGRF	II	06 05 51 28.2	55.14N	165.47E	33	5.0b,5.1s		
MOS	II	06 05 51 29.1-1.0	56.18N	164.21E	12	5.3s,5.2b		
KRSC	II	06 05 51 30.0-1.5	56.23N	164.35E	20-3	5.2L,5.2b		
NAO	II	06 05 51 31.6	55.87N	163.66E	33	4.9b,5.2b		
ISCJB	II	06 05 51 31.2-12	56.16N-02	164.23E-03	25	5.3s,5.0b		
NEIC	II	06 05 51 33.1-17	56.19N	164.20E	25	5.7W,5.3s		
BJI	II	06 05 51 33.0	56.19N	163.39E	11	5.9s,5.5s		
HRVD	II	06 05 51 33.1-10	56.23N	164.54E	22-0	5.8W,5.5s		

ISC Event type fe.
IDC Error ellipse: s-maj=11.0km s-min=8.4km az=18.0.
SZGRF Komandorsky Islands, Russia, region.
MOS Event type fe. Error ellipse: s-maj=6.7km s-min=4.2km az=93.7. Felt (III) at Ust'-Kamchatsk. Moment Tensor Solution.

KRSC Event type se.
ISCJB Event type fe. Error ellipse: s-maj=3.2km s-min=1.8km az=137.7.
NEIC Event type fe. Error ellipse: s-maj=5.1km s-min=2.9km az=180.0. Felt [III] at Ust'-Kamchatsk. Moment Tensor Solution. s8 Moment tensor: Scale 10¹⁷Nm; M_{rr}-1.09 M_{θθ}-3.52 M_{φφ}2.43 M_{φθ}-1.74 M_{φr}-2.13 M_{φr}-0.45 Best double couple: NP1:φ118.00000°,δ81.00000°,λ-165.00000°. NP2:φ26.00000°,δ75.00000°,λ-10.00000°. Principal axes: T 3.1200,Plg4.0000°,AzM251.0000°; N 1.6400,Plg73.0000°,AzM149.0000°; P -4.7600,Plg17.0000°,AzM342.0000°. M₀:3.90000×10¹⁷

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s95,c205; Mantle waves: s108,c240; Half duration: 1s8 Moment tensor: Scale 10¹⁷Nm; M_{rr}-0.21±0.06 M_{θθ}-3.55±0.06; M_{φφ}3.76±0.06; M_{φθ}-0.09±0.11; M_{φr}0.68±0.10; Best double couple: NP1:φ292.00000°,δ84.00000°,λ177.00000°. NP2:φ23.00000°,δ87.00000°,λ6.00000°. Principal axes: T 5.3210,Plg7.0000°,AzM248.0000°; N -0.2860,Plg83.0000°,AzM51.0000°; P -5.0380,Plg2.0000°,AzM158.0000°. M₀:5.18000×10¹⁷

(228) Near east coast of eastern Honshu

ISC	II	06 11 26 12.4-41	36.03N-03	140.47E-05	61-3	4.5b	122	0-148
NAO	II	06 11 25 59.4	34.20N	140.77E	33	4.4b		18319153
NIED	II	06 11 26 00	36.10N	140.40E	59	4.3W		
MOS	II	06 11 26 09.2-82	36.17N	140.21E	33	4.7b		
ISCJB	II	06 11 26 11.4-41	36.00N-03	140.45E-05	68-3	4.4b		
BJI	II	06 11 26 11.2	35.90N	139.99E	50	4.6b,4.5b		
JMA	II	06 11 26 12.8-10	36.02N	140.39E	55-1	4.2,4.5b		
NEIC	II	06 11 26 14.3-98	36.00N	140.30E	75-7	4.6b,4.3W		
IDC	II	06 11 26 15.0-1.3	35.91N	140.30E	86-12	4.4,4.2		

ISC Event type fe.
NIED Moment Tensor Solution. Best double couple: NP1:φ12.00000°,δ68.00000°,λ88.00000°. NP2:φ198.00000°,δ22.00000°,λ96.00000°. M₀:3.04000×10¹⁵
Error ellipse: s-maj=15.1km s-min=7.8km az=117.7.

MOS Event type fe. Error ellipse: s-maj=7.3km s-min=5.4km az=17.7.
ISCJB Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves, NP1:φ174.00000°,δ27.00000°,λ65.00000°. NP2:φ-22.00000°,δ66.00000°,λ102.00000°. Principal axes: T Plg67.0000°,AzM315.0000°; N Plg11.0000°,AzM197.0000°; P Plg20.0000°,AzM103.0000°

NEIC Event type fe. Error ellipse: s-maj=9.8km s-min=7.5km az=121.0. Recorded [2 JMA] in Ibaraki and Tochigi; [1 JMA] in Chiba, Kanagawa, Gumma, Saitama, Shizuoka and Tokyo Prefectures. Moment Tensor Solution. M₀:3.00000×10¹⁵
Error ellipse: s-maj=16.6km s-min=7.5km az=61.0.

IDC (115) Near coast of Peru

ISC	II	06 13 06 28.6-83	16.42S-07	72.2W-10	92-7	4.3b	27	1-149
ISCJB	II	06 13 06 28.0-70	16.45S-07	72.18W-09	101-6	4.3b		19570015
NEIC	II	06 13 06 28.2-80	16.35S	72.19W	90-7	4.5b		
IDC	II	06 13 06 29.9-2.9	16.48S	72.30W	106-25	4.5,4.3		

ISC Event type fe.
ISCJB Event type fe. Error ellipse: s-maj=15.7km s-min=7.9km az=112.3.
NEIC Event type fe. Error ellipse: s-maj=14.8km s-min=9.7km az=61.0. Felt [III] at Arequipa and Camana.

IDC Error ellipse: s-maj=24.1km s-min=15.8km az=103.0.
(460) Wyoming

ISC	II	06 19 06 27.6-52	43.75N-04	105.14W-07	0	4.6b	32	1-61
IDC	II	06 19 06 23.7-2.5	43.18N	105.14W	0	3.9,3.7		19570042
ISCJB	II	06 19 06 26.2-54	43.75N-04	105.16W-06	0	4.6b,3.7		
NEIC	II	06 19 06 27.6-57	43.69N	105.10W	0	3.2L,3.7		

ISC Event type fm.
IDC Error ellipse: s-maj=53.5km s-min=8.2km az=156.0.
ISCJB Event type fm. Error ellipse: s-maj=7.0km s-min=5.2km az=49.5.
NEIC Event type fm. Error ellipse: s-maj=9.1km s-min=6.3km az=141.0. 75 km [45 miles] WSW of Newcastle. Suspected Mining explosion.

(447) Southern Quebec

OTT II 07 04 07 21.2-03 46.29N 75.30W 18 3.1 19570088

OTT Event type fe. 32km southeast from Mont-Laurier, Qc. Felt Western Quebec Seismic Zone.
(235) Kyushu

JMA	II	07 09 16 31.5	32.08N	129.88E	12-1	3.9		
NIED	II	07 09 16 00	32.10N	129.90E	11-1	3.9W		19258314
JMA	II	07 09 16 31.5	32.08N	129.88E	12-1	3.9		

ISC Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves, NP1:φ320.00000°,δ60.00000°,λ-12.00000°. NP2:φ56.00000°,δ79.00000°,λ-149.00000°. Principal axes: T Plg13.0000°,AzM185.0000°; N Plg58.0000°,AzM74.0000°; P Plg29.0000°. AzM282.0000°

NIED Moment Tensor Solution. Best double couple: NP1:φ228.00000°,δ84.00000°,λ-168.00000°. NP2:φ136.00000°,δ78.00000°,λ-6.00000°. M₀:6.81000×10¹⁴

(224) Hokkaido region

ISC	II	07 11 35 29.8-47	42.42N-03	140.42E-04	13-6	3.2b	20	0-60
ISCJB	II	07 11 35 29.6-56	42.42N-03	140.42E-04	13-4	3.2b		19490813
JMA	II	07 11 35 30.0	42.41N	140.42E	13-1	3.5		
IDC	II	07 11 35 33.5-6.0	42.57N	140.24E	34-60	3.4L,3.2		

ISC Event type fe.
ISCJB Event type fe. Error ellipse: s-maj=5.1km s-min=4.6km az=30.3.
JMA Event type fe.
IDC Error ellipse: s-maj=59.6km s-min=27.5km az=137.0.

(259) Mindanao

MAN II 07 14 24 23.7 8.58N 124.73E 17 4.4L,3.8s 19490849

MAN Event type fe. F CAGAYAN DE ORO CITY - INTENSITY III.
(378) Pyrenees

ISC	II	07 14 59 18.8-21	42.56N-01	1.78E-01	9-1		492	0-8
ISCJB	II	07 14 59 17.2-22	42.59N-01	1.81E-01	6-1			18079953
STR	II	07 14 59 19.6-24	42.54N	1.75E	2-1	3.8L		
MDD	II	07 14 59 19.8-14	42.48N	1.76E	4-2	3.2		
NEIC	II	07 14 59 19.6	42.54N	1.75E	2	3.7L,3.7L		
LDG	II	07 14 59 19.6-05	42.47N	1.76E	2-0	3.7L,3.4		
CSEM	II	07 14 59 20.0-07	42.48N	1.77E	10	3.1L,3.4		

ISC Event type fe.
ISCJB Event type fe. Error ellipse: s-maj=2.2km s-min=1.6km az=129.2.
STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0.
MDD Event type fe. Error ellipse: s-maj=1.4km s-min=1.1km az=169.0. EMS: IV MERANGES LLES DE CERDANYA. PRXIMO III BELLVER DE CERDANYA MARTINET III PRULLANS PUIGCERT, GI, S II-III GUILS DE CERDANYA II ARSEGUILL I GER LLIVIA LA MOLINA I TOSES URTX.

NEIC Event type se. After STR.
LDG Event type ke. Error ellipse: s-maj=1.2km s-min=0.9km az=137.0.
CSEM Event type ke. Error ellipse: s-maj=1.4km s-min=1.1km az=136.0.

(244) Taiwan

ISC	II	07 15 41 55.0-34	24.74N-05	121.76E-03	93-3	3.8b	51	0-96
BJI	II	07 15 41 51.9	24.61N	121.88E	69	3.9L,3.5s		18079954
MOS	II	07 15 41 52.5-93	24.88N	122.10E	91	3.8b,3.5s		
ISCJB	II	07 15 41 54.0-34	24.75N-05	121.75E-03	98-3	3.8b,3.5s		
IDC	II	07 15 41 55.1-3.4	24.82N	121.90E	95-32	4.0,3.8		
NEIC	II	07 15 41 55.1-41	24.73N	121.84E	99	3.9b,3.8		
JMA	II	07 15 41 55.5-30	24.83N	121.83E	90	3.7,3.8		

ISC Event type fe.
MOS Error ellipse: s-maj=43.7km s-min=12.3km az=114.9.
ISCJB Event type fe. Error ellipse: s-maj=9.0km s-min=4.0km az=27.4.
IDC Error ellipse: s-maj=22.9km s-min=13.6km az=60.0.
NEIC Event type fe. Error ellipse: s-maj=11.6km s-min=9.2km az=58.0. Recorded [2 TAP] in Hua-lien, T'ao-yuan and Yi-lan; [1 TAP] in Hsin-chu, Miao-li, T'ai-chung and T'ai-pei Counties.

JMA Error ellipse: s-maj=6.7km s-min=3.0km az=-1.0.
(238) Ryukyu Islands

JMA	II	07 17 56 56.2-10	28.58N	129.68E	22-2	3.6		
NIED	II	07 17 56 00	28.60N	129.70E	17-2	3.6W		19258317
JMA	II	07 17 56 56.2-10	28.58N	129.68E	22-2	3.6		

ISC Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
Moment Tensor Solution. Best double couple: NP1:φ278.00000°,δ80.00000°,λ-140.00000°. NP2:φ180.00000°,δ51.00000°,λ-12.00000°. M₀:2.46000×10¹⁴

(45) California-Baja California border region

ISC	II	07 18 23 58.5-42	32.38N-03	115.21W-03	14-3	3.2b	55	0-
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WEL Event type fe. Error ellipse: s-maj=1.0km s-min=0.6km az=90.0. Felt from Manawatu to Wairarapa, maximum reported intensity MM 4.

(327) Lake Baykal region

ISC	II	08 15 31 18.3-14	55.35N-01	110.82E-02	6	4.6b,4.1s	317	1-150
NAO	II	08 15 30 46.8	52.46N	117.44E	33	5.0b,4.1s		
BJI	II	08 15 31 15.9	55.57N	111.11E	9	4.8b,4.7s		
ISCJB	II	08 15 31 16.9-14	55.35N-01	110.80E-03	6	4.6b,4.1s		
IDC	II	08 15 31 17.2-52	55.40N	110.80E	0	4.5,4.5		
MOS	II	08 15 31 18.5-1.0	55.35N	110.79E	19	4.8b,4.0s		
BYKL	II	08 15 31 18.4-23	55.35N	110.87E	6-14	4.8b,4.0s		
LDG	II	08 15 31 18.0-43	55.51N	110.54E	10-0	4.8b,3.6s		
NEIC	II	08 15 31 19.3-23	55.43N	110.79E	10	4.8b,3.6s		
SZGRF	II	08 15 31 26.3	55.68N	110.49E	33	4.6b,3.6s		

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=2.3km s-min=1.8km az=91.7.

IDC Error ellipse: s-maj=13.1km s-min=11.6km az=9.0.

MOS Event type fe. Error ellipse: s-maj=6.9km s-min=4.8km az=73.0. Felt (II-III) at Ulyunokhan. Moment Tensor Solution.

BYKL Event type se. #FAULT_PLANE Type Strike Dip Rake NP NS Plane Author # FM 41.00 44.00 -53.00 23 0 IEC + 175.00 56.00 -120.00 IEC #PRINAX sc T_val T_azim T_pl B_azim B_pl P_azim P_val P_azim P_val eTv eTa eTp eBv eBa eBp ePv ePa ePp TCLVD # 286.00 7.00 193.00 24.00 30.00 65.00 IEC + 3.00 0.00 0.00 0.00 0.00 IEC. FELT I=IV MSK at Mayskiy, Kurumkan; III at Mamakan, Verchnya Zaimka; II-III at Ulyunokhan.

LDG Event type ke. Error ellipse: s-maj=23.4km s-min=3.3km az=92.0.

NEIC Event type fe. Error ellipse: s-maj=6.4km s-min=5.0km az=136.0. Felt [III] at Ulyunokhan.

SZGRF Lake Baykal, Russia, region.

(12) Alaska Peninsula

ISC	II	08 21 45 49.4-58	57.17N-04	155.69W-06	58-4	4.6b,3.8s	187	2-123
MOS	II	08 21 45 43.3-1.0	56.99N	155.94W	27	4.8b,3.8s		
BJI	II	08 21 45 46.8	57.16N	155.70W	8	4.9b,4.8b		
ISCJB	II	08 21 45 47.4-65	57.16N-04	155.69W-06	53-5	4.6b,3.8s		
NEIC	II	08 21 45 49.3	56.94N	155.41W	24	4.7b,4.6L		
IDC	II	08 21 45 49.8-55	57.29N	155.54W	55-4	4.5,4.4		
NAO	II	08 21 45 58.8	58.76N	154.47W	33	4.9b,4.4		

ISC Event type fe.

MOS Error ellipse: s-maj=12.4km s-min=5.7km az=84.4.

ISCJB Event type fe. Error ellipse: s-maj=6.9km s-min=4.7km az=47.8.

NEIC Event type fe. Felt at Kodiak. After AEIC.

IDC Error ellipse: s-maj=12.8km s-min=7.6km az=1.0.

(279) Flores Sea

ISC	II	09 00 05 08.6-17	7.75S-03	121.69E-04	369	5.3b	310	7-168
NAO	II	09 00 04 27.8	8.00S	122.00E	33	4.8b		
MOS	II	09 00 05 01.6-95	7.61S	121.59E	310	5.4b		
BJI	II	09 00 05 04.0	8.07S	122.21E	375	5.4b,4.8b		
CSEMI	II	09 00 05 04.6	7.68S	121.63E	342	5.5b,4.8b		
ISCJB	II	09 00 05 06.9-17	7.74S-03	121.65E-04	367	5.3b,4.8b		
IDC	II	09 00 05 08.1-91	7.68S	121.67E	362-8	5.5,4.9		
NEIC	II	09 00 05 08.3-65	7.69S	121.65E	366-6	5.5b,4.9		

ISC Event type fe.

MOS Error ellipse: s-maj=9.0km s-min=5.3km az=113.3.

ISCJB Event type fe. Error ellipse: s-maj=5.0km s-min=3.4km az=131.8.

IDC Error ellipse: s-maj=9.8km s-min=6.0km az=61.0.

NEIC Event type fe. Error ellipse: s-maj=6.1km s-min=4.0km az=54.0. Felt [III] at Waingapu, Sumba.

(600) Near coast of South Australia

AUST	II	09 04 16 25.1	32.87S	138.13E	10	3.5L		
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Event type fe. Felt.

(211) Southeast of Honshu

ISC	II	09 12 12 36.9-85	33.36N-05	140.57E-07	68-9	3.4b	33	1-53
IDC	II	09 12 12 31.7-2.6	32.87N	139.32E	0	3.6,3.4L		
ISCJB	II	09 12 12 35.7-85	33.36N-05	140.58E-07	76-8	3.4b,3.4L		
JMA	II	09 12 12 37.3-10	33.43N	140.54E	63-2	3.8,3.4L		
NEIC	II	09 12 12 37.4	33.43N	140.54E	63	3.7,3.4L		

ISC Event type fe.

IDC Error ellipse: s-maj=96.9km s-min=24.3km az=77.0.

ISCJB Event type fe. Error ellipse: s-maj=10.4km s-min=8.2km az=166.9.

JMA Event type fe.

NEIC Event type se. After JMA.

(229) Off east coast of Honshu

ISC	II	09 13 05 21.9-23	37.78N-03	142.12E-03	26	4.5b,3.9s	174	1-155
NIED	II	09 13 05 00	37.80N	142.30E	23	4.4W,3.9s		
BJI	II	09 13 05 18.2	37.80N	142.29E	26	5.0b,4.7b		
ISCJB	II	09 13 05 20.1-23	37.79N-03	142.15E-03	25	4.5b,3.9s		
JMA	II	09 13 05 20.3-20	37.80N	142.17E	35-2	4.6,3.9s		
MOS	II	09 13 05 20.3-89	37.83N	142.12E	26	4.7b,3.9s		
NEIC	II	09 13 05 21.5-21	37.74N	142.16E	24	4.6b,4.3W		
IDC	II	09 13 05 22.7-4.5	37.70N	142.15E	33-34	4.4,4.4		
NAO	II	09 13 05 25.4	38.24N	142.76E	33	4.7b,4.4		

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=196.00000°,δ62.00000°,λ88.00000°. NP2:φ=20.00000°,δ28.00000°,λ93.00000°. M=3.88000×10¹⁵

ISCJB Event type fe. Error ellipse: s-maj=3.9km s-min=2.9km az=138.4.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.

MOS Error ellipse: s-maj=9.2km s-min=6.3km az=95.1.

NEIC Event type fe. Error ellipse: s-maj=6.3km s-min=3.7km az=150.0. Recorded [2 JMA] in Fukushima and Miyagi; [1 JMA] in Iwate and Tochigi Prefectures. Moment Tensor Solution. M=3.90000×10¹⁵

IDC Error ellipse: s-maj=17.4km s-min=13.7km az=110.0.

(29) Washington

ISC	II	09 19 26 26.2-27	47.48N-02	121.79W-03	7-2		106	0-5
PGC	II	09 19 26 25.8	47.39N	121.94W	1	2.5L		
ISCJB	II	09 19 26 26.1-34	47.47N-02	121.81W-03	11-2	2.5L		
NEIC	II	09 19 26 26.7	47.48N	121.81W	8	2.9		
PNSN	II	09 19 26 26.7	47.48N	121.81W	8	2.9		

ISC Event type fe.

PGC Event type ke. Error ellipse: s-maj=6.7km s-min=1.5km az=-1.0. East of Seattle, Washington.

ISCJB Event type fe. Error ellipse: s-maj=2.2km s-min=2.2km az=106.5.

NEIC Event type fe. Felt [III] at Carnation, Fall City, North Bend and Snoqualmie. Also felt at Bremerton, Issaquah, Redmond and Seattle. After SEA.

PNSN Moment Tensor Solution. NP1:φ=135.00000°,δ55.00000°. NP2:φ=251.00000°,δ58.00000°. Principal axes: T Plg51.0000°,Az105.0000°; P Plg2.0000°,Az12.0000°.

(526) Gulf of Mexico

ISC	II	10 04 14 21.7-94	27.80N-06	90.13W-05	10	5.2s,4.0b	61	5-163
IDC	II	10 04 14 16.4-8.7	26.84N	90.35W	0	3.5,3.4		
BJI	II	10 04 14 16.4	27.32N	90.96W	14	5.7s,5.7b		
ISCJB	II	10 04 14 20.0-92	27.88N-06	90.12W-05	10	5.2s,4.0b		
NEIC	II	10 04 14 22.2	27.83N	90.21W	5	5.3s,4.2b		
SZGRF	II	10 04 14 33.1	27.85N	90.51W	33	5.4s,4.9b		

ISC Event type fe.

IDC Error ellipse: s-maj=146.0km s-min=58.2km az=157.0.

ISCJB Event type fe. Error ellipse: s-maj=9.1km s-min=5.4km az=130.6.

NEIC Event type fe. Felt [III] at Diamondhead, Mississippi and New Orleans, Louisiana. Also felt at Gulf Shores, Alabama; Belleair Beach, Miami, Navarre, Orlando, Osprey and Port Charlotte, Florida; Lafayette, Lake Charles and Thibodaux, Louisiana; Biloxi, Mississippi; Spring, Texas. Felt slightly on a deepwater oil platform about 15 km southwest of the epicenter. About 2 cm of seafloor subsidence was detected from this platform. Special solution.

(229) Off east coast of Honshu

ISC	II	10 09 18 07.1-1.5	37.75N-04	142.28E-04	32-11	4.3b,3.8s	91	1-86
NAO	II	10 09 17 57.7	36.20N	142.94E	33	4.3b,3.8s		
NIED	II	10 09 18 00	37.70N	142.30E	26	4.2W,3.8s		
IDC	II	10 09 18 02.0-73	37.65N	142.40E	0	4.2,4.1		
JMA	II	10 09 18 04.9-20	37.70N	142.33E	33-3	4.4,4.1		
MOS	II	10 09 18 04.9-86	37.70N	142.41E	33	4.6b,4.1		
ISCJB	II	10 09 18 05.3-76	37.71N-04	142.36E-05	35-5	4.3b,3.8s		
BJI	II	10 09 18 05.5	37.70N	142.40E	23	5.0b,4.6b		
NEIC	II	10 09 18 05.6-2.6	37.73N	142.42E	23-18	4.4b,4.6b		

ISC Event type fe.

IDC Error ellipse: s-maj=146.0km s-min=58.2km az=157.0.

ISCJB Event type fe. Error ellipse: s-maj=9.1km s-min=5.4km az=130.6.

NEIC Event type fe. Felt [III] at Diamondhead, Mississippi and New Orleans, Louisiana. Also felt at Gulf Shores, Alabama; Belleair Beach, Miami, Navarre, Orlando, Osprey and Port Charlotte, Florida; Lafayette, Lake Charles and Thibodaux, Louisiana; Biloxi, Mississippi; Spring, Texas. Felt slightly on a deepwater oil platform about 15 km southwest of the epicenter. About 2 cm of seafloor subsidence was detected from this platform. Special solution.

SZGRF Gulf of Mexico.

IDC Error ellipse: s-maj=20.1km s-min=15.5km az=105.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.

MOS Error ellipse: s-maj=12.1km s-min=6.9km az=96.8.

ISCJB Event type fe. Error ellipse: s-maj=8.0km s-min=5.2km az=83.4.

NEIC Event type fe. Error ellipse: s-maj=12.9km s-min=7.5km az=126.0. Recorded [1 JMA] in Miyagi Prefecture.

(229) Off east coast of Honshu

ISC	II	10 09 59 41.2-1.0	37.72N-04	142.32E-05	6-5	4.1b	67	1-146
NIED	II	10 09 59 00	37.70N	142.30E	20	4.1W		
IDC	II	10 09 59 40.0-76	37.62N	142.49E	0	4.0,4.0		
ISCJB	II	10 09 59 41.8-1.4	37.69N-04	142.40E-05	26-9	4.1b,4.0		
NEIC	II	10 09 59 42.8	37.69N	142.31E	29	4.6b,4.1W		
MOS	II	10 09 59 42.5-1.3	37.70N	142.48E	33	4.3b,4.1W		
JMA	II	10 09 59 42.7-20	37.69N	142.31E	29-3	4.5,4.1W		
BJI	II	10 09 59 44.4	36.95N	141.78E	25	4.7b,4.2b		

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=222.00000°,δ76.00000°,λ-122.00000°. NP2:φ=111.00000°,δ34.00000°,λ-25.00000°. M=1.45000×10¹⁵

Error ellipse: s-maj=20.9km s-min=15.8km az=113.0.

IDC Event type fe. Error ellipse: s-maj=7.7km s-min=5.9km az=118.5.

ISCJB Event type fe. Recorded [1 JMA] in Miyagi Prefecture. After JMA. Moment Tensor Solution. M=1.50000×10¹⁵

MOS Error ellipse: s-maj=17.4km s-min=9.7km az=94.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.

(135) Near coast of central Chile

ISC	II	10 17 51 54.7-17	32.57S-02	71.60W-04	34	5.0b,4.7s	181	0-178
MOS	II	10 17 51 51.8-91	32.55S	71.58W	23	5.2b,4.7s		
BJI	II	10 17 51 52.7	31.88S	71.88W	32	5.3s,5.2b		
ISCJB	II	10 17 51 53.1-18	32.51S-02	71.62W-04	32	5.0b,4.7s		
IDC	II	10 17 51 53.8-44	32.57S	71.43W	30-2	4.8L,4.8b		
NEIC	II	10 17 51 54.3-16	32.52S	71.39W	33	5.2L,5.1b		
GUC	II	10 17 51 54.2-74	32.60S	71.56W	34-2	5.2L,5.1b		
HRVD	II	10 17 51 54.3-30	32.57S	71.84W	42-1	5.2W,5.1b		

ISC Event type fe.

MOS Error ellipse: s-maj=17.8km s-min=7.6km az=108.5.

ISCJB Event type fe. Error ellipse: s-maj=5.6km s-min=2.5km az=129.0.

IDC Error ellipse: s-maj=14.1km s-min=9.3km az=109.0.

NEIC Event type fe. Error ellipse: s-maj=8.6km s-min=4.4km az=70.0. Felt [IV] at Melipilla, Papudo, Quillota, Santiago, Valparaiso and Vina del Mar; [III] at Petorca, Rancagua, Salamanca and San Fernando; [II] at Canela, Curico, Illapel and Talca.

GUC Error ellipse: s-maj=1.3km s-min=3.2km az=-1.0.

HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s59,c94; Mantle waves: s72,c109; Half duration: 1:0 Moment tensor: Scale 1017Nm; M=0.64±0.03 M=0.08±0.02; M=0.72±0.02; M=0.09±0.02; M=0.09±0.02; M=0.35±0.03; Best double couple: NP1:φ=11.00000°,δ32.00000°,λ97.00000°. NP2:φ=183.00000°,δ59.00000°,λ86.00000°. Principal axes: T 0.7300,Plg76.0000°,Az81.0000°. N 0.0880,Plg3.0000°,Az185.0000°; P -0.8180,Plg14.0000°,Az276.0000°. M=0.77400×10¹⁷

(479) Colorado

ISC	II	10 21 48 14.4-27	39.57N-02	107.43W-03	10	3.1b	77	1-23
IDC	II	10 21 48 12.4-1.5	39.81N	107.30W	0	3.6,3.4		
ISCJB	II	10 21 48 13.3-29	39.60N-02	107.45W-03	10	3.1b,3.4		
NEIC	II	10 21 48 13.7-40	39.59N	107.44W	5	3.8L,3.8W		

ISC Event type fe.

IDC Error ellipse: s-maj=16.3km s-min=11.9km az=95.0.

ISCJB Event type fe. Error ellipse: s-maj=4.1km s-min=3.0km az=107.3.

NEIC Event type fe. Error ellipse: s-maj=5.8km s-min=4.6km az=77.0. Felt [IV] at New Castle and Silt; [III] at Glenwood Springs. Also felt at Basalt, Carbondale, Clifton, Grand Junction and Gypsum. Moment Tensor Solution. M=5.80000×10¹⁴

(249) Luzon

ISC	II	11 02 27 16.0-60	15.52N-02	121.81E-03	11-3
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ISC	II	12 19 04 14.9-49	43.72N-04	105.15W-06	0	4.3b	49	1-68
ISCJB	II	12 19 04 13.8-53	43.73N-04	105.21W-06	0	4.3b		
NEIC	II	12 19 04 14.9-40	43.71N	105.16W	0	3.2L		19570631
IDC	II	12 19 04 14.1-1.6	43.71N	105.45W	0	4.2b,3.8		
ISC	Event type fm.							
ISCJB	Event type fe. Error ellipse: s-maj=6.6km s-min=5.1km az=38.2.							
NEIC	Event type fm. Error ellipse: s-maj=6.0km s-min=4.6km az=144.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.							
IDC	Error ellipse: s-maj=45.3km s-min=7.9km az=151.0.							
ISC	II	12 19 46 44.7-34	35.53N-03	140.09E-04	70-2	3.7b	57	0-75
NIED	II	12 19 46 00	35.60N	140.10E	68	4.0W		118319271
ISCJB	II	12 19 46 43.8-34	35.51N-03	140.09E-04	76-2	3.7b		
MOS	II	12 19 46 43.2-75	35.40N	140.06E	75	4.6b		
JMA	II	12 19 46 44.1-20	35.57N	140.11E	70-2	3.9		
NEIC	II	12 19 46 44.6-1.2	35.45N	140.06E	67-9	4.3b		
IDC	II	12 19 46 45.3-1.7	35.44N	140.08E	72-14	3.7,3.6		
ISC	Event type fe.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=6.00000°,δ65.00000°,λ98.00000°. NP2:φ=166.00000°,δ26.00000°,λ72.00000°. M=9.47000×10 ¹⁴							
ISCJB	Event type fe. Error ellipse: s-maj=5.6km s-min=4.7km az=138.5.							
MOS	Error ellipse: s-maj=27.9km s-min=11.3km az=126.0.							
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.							
NEIC	Event type se. Error ellipse: s-maj=14.4km s-min=9.7km az=80.0.							
IDC	Error ellipse: s-maj=25.6km s-min=6.7km az=68.0.							
ISC	II	13 08 23 18.1-39	38.41N-02	139.91E-03	12-2	4.8b,3.8s	307	0-151
NIED	II	13 08 23 00	38.40N	140.00E	8	4.5W,3.8s		118095932
IDC	II	13 08 23 16.2-39	38.40N	139.82E	0	4.7,4.7		
BJI	II	13 08 23 16.4	38.32N	140.55E	52	4.9b,4.7b		
ISCJB	II	13 08 23 17.6-39	38.39N-02	139.88E-03	18-2	4.8b,3.8s		
JMA	II	13 08 23 18.0	38.42N	139.93E	9-1	4.8,3.8s		
MOS	II	13 08 23 21.5-96	38.38N	139.72E	48	5.0b,3.8s		
SZGRF	II	13 08 23 22.0	38.81N	139.01E	33	4.6b,3.8s		
NEIC	II	13 08 23 23.6-67	38.35N	139.77E	52-6	4.8b,4.5W		
NAO	II	13 08 23 33.1	40.25N	138.90E	33	4.8b,4.5W		
ISC	Event type fe.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=355.00000°,δ57.00000°,λ82.00000°. NP2:φ=189.00000°,δ34.00000°,λ102.00000°. M=6.47000×10 ¹⁵							
IDC	Error ellipse: s-maj=15.1km s-min=10.3km az=86.0.							
ISCJB	Event type fe. Error ellipse: s-maj=3.9km s-min=3.6km az=33.6.							
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=184.00000°,δ33.00000°,λ93.00000°. NP2:φ=1.00000°,δ57.00000°,λ88.00000°. Principal axes: T P1g78.0000°,Az265.0000°; N P1g1.0000°,Az2.0000°; P P1g12.0000°,Az292.0000°							
MOS	Error ellipse: s-maj=9.3km s-min=4.8km az=108.3.							
SZGRF	Near west coast of eastern Honshu, Japan.							
NEIC	Event type fe. Error ellipse: s-maj=5.4km s-min=4.6km az=108.0. Recorded [3 JMA] in Niigata and Yamagata; [2 JMA] in Fukushima; [1 JMA] in Akita and Miyagi Prefectures. Moment Tensor Solution. M=6.50000×10 ¹⁵							
ISC	II	13 09 32 09.1-24	2.90N-04	95.44E-03	26	5.0b,5.0s	222	3-168
NAO	II	13 09 32 00.6	2.49N	98.40E	33	5.0b,5.0s		118192521
SZGRF	II	13 09 32 00.4	2.10N	97.21E	24	4.9b,5.0s		
IDC	II	13 09 32 04.6-55	2.84N	95.40E	0	4.7,4.7s		
ISCJB	II	13 09 32 06.7-24	2.87N-04	95.46E-03	25	5.0b,5.0s		
BJI	II	13 09 32 07.1	2.69N	95.35E	29	5.3b,5.3b		
HRVD	II	13 09 32 08.6-50	2.38N	95.19E	43-1	5.0W,5.3b		
MOS	II	13 09 32 08.1-97	2.93N	95.50E	33	5.4b,5.0s		
NEIC	II	13 09 32 08.6-24	2.86N	95.45E	25	5.2b,4.9s		
ISC	Event type fe.							
SZGRF	Northern Sumatera, Indonesia.							
IDC	Error ellipse: s-maj=18.0km s-min=14.3km az=33.0.							
ISCJB	Event type fe. Error ellipse: s-maj=5.5km s-min=4.2km az=67.0.							
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s49,c73; Mantle waves: s60,c90; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:2.64; 28 M=2.45; 19; M=0.19; 24; M=1.84; 21; M=3.37; 17; M=1.62; 25; Best double couple: NP1:φ=291.00000°,δ30.00000°,λ69.00000°. NP2:φ=135.00000°,δ62.00000°,λ102.00000°. Principal axes: T 3.4080,Plg70.0000°,Az70.0000°; N 2.1870,Plg10.0000°,Az309.0000°; P -5.5990,Plg17.0000°,Az216.0000°. M=4.50300×10 ¹⁶							
MOS	Error ellipse: s-maj=9.9km s-min=5.9km az=111.5.							
NEIC	Event type fe. Error ellipse: s-maj=6.8km s-min=4.9km az=35.0. Felt [IV] at Sinabang.							
ISC	II	13 12 05 43.9-25	2.47N-04	96.23E-03	28	4.9b,4.8s	225	3-129
SZGRF	II	13 12 05 38.3	1.07N	96.61E	33	4.6b,4.8s		118095936
BJI	II	13 12 05 40.9	2.27N	96.32E	32	5.3b,5.2b		
ISCJB	II	13 12 05 41.5-25	2.45N-04	96.24E-03	26	4.9b,4.8s		
IDC	II	13 12 05 42.6-4.4	2.42N	96.21E	21-27	4.6s,4.6		
MOS	II	13 12 05 42.7-96	2.52N	96.27E	33	5.2b,5.0s		
HRVD	II	13 12 05 43.3-40	2.16N	96.00E	35-1	5.1W,5.0s		
NEIC	II	13 12 05 43.3-29	2.42N	96.25E	27	5.0b,5.0s		
NAO	II	13 12 05 45.0	1.38N	94.06E	33	4.7b,5.0s		
ISC	Event type fe.							
SZGRF	Off west coast of northern Sumatera, Indonesia.							
ISCJB	Event type fe. Error ellipse: s-maj=5.5km s-min=4.1km az=50.8.							
IDC	Error ellipse: s-maj=17.7km s-min=11.1km az=40.0.							
MOS	Error ellipse: s-maj=10.0km s-min=5.6km az=110.6.							
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s48,c75; Mantle waves: s63,c93; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:3.73; 24 M=2.38; 16; M=1.35; 19; M=2.43; 19; M=2.45; 13; M=2.36; 25; Best double couple: NP1:φ=304.00000°,δ25.00000°,λ82.00000°. NP2:φ=133.00000°,δ65.00000°,λ94.00000°. Principal axes: T 4.9700,Plg70.0000°,Az50.0000°; N 0.6220,Plg3.0000°,Az311.0000°; P -5.5920,Plg20.0000°,Az220.0000°. M=5.28100×10 ¹⁶							
NEIC	Event type fe. Error ellipse: s-maj=8.5km s-min=5.5km az=214.0. Felt [IV] at Sinabang.							
ISC	II	13 17 00 56.0-25	42.31N-03	143.13E-04	56	4.5b,3.7s	183	0-89
NIED	II	13 17 00 00	42.40N	143.10E	56	4.3W,3.7s		118192540
BJI	II	13 17 00 54.8	42.50N	143.37E	76	4.9b,4.6b		
ISCJB	II	13 17 00 54.0-27	42.21N-03	143.13E-04	54	4.5b,3.7s		
MOS	II	13 17 00 55.1-98	42.32N	143.10E	64	4.5b,3.7s		
SKHL	II	13 17 00 55.6-00	42.13N	143.09E	71-5	4.9b,3.7s		
IDC	II	13 17 00 56.1-56	42.23N	143.21E	58-4	4.3,4.1		
NEIC	II	13 17 00 56.0-28	42.33N	143.07E	51	4.7b,4.3W		
JMA	II	13 17 00 57.5-10	42.36N	143.12E	50-1	4.2,4.3W		
NAO	II	13 17 01 01.8	44.10N	143.88E	33	4.6b,4.3W		
ISC	Event type fe.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=30.00000°,δ63.00000°,λ88.00000°. NP2:φ=215.00000°,δ27.00000°,λ95.00000°. M=3.39000×10 ¹⁵							
ISCJB	Event type fe. Error ellipse: s-maj=5.2km s-min=3.4km az=91.4.							
MOS	Error ellipse: s-maj=9.4km s-min=6.0km az=103.4.							
IDC	Error ellipse: s-maj=12.5km s-min=7.1km az=90.0.							
NEIC	Event type fe. Error ellipse: s-maj=7.2km s-min=4.7km az=127.0. Recorded [2 JMA] in south-central Hokkaido. Moment Tensor Solution. M=3.40000×10 ¹⁵							
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=237.00000°,δ40.00000°,λ128.00000°. NP2:φ=12.00000°,δ60.00000°,λ63.00000°. Principal axes: T P1g64.0000°,Az234.0000°; N P1g23.0000°,Az26.0000°; P P1g11.0000°,Az21.0000°							
ISC	II	13 19 35 00.7-1.9	37.87S-05	178.7E-10	18-13	4.0b	52	0-153
NEIC	II	13 19 34 59.0-1.3	38.22S	178.79E	10	4.2b		119570744
ISCJB	II	13 19 35 00.5-1.5	37.88S-05	178.8E-10	33-10	4.0b		
WEL	II	13 19 35 02.6-48	37.77S	178.55E	17-2	4.4L		
IDC	II	13 19 35 05.3-4.3	38.37S	178.61E	52-30	4.1,4.1		
ISC	Event type fe.							
NEIC	Event type se. Error ellipse: s-maj=30.0km s-min=18.0km az=128.0.							
ISCJB	Event type fe. Error ellipse: s-maj=17.7km s-min=9.0km az=171.3.							

WEL	Event type fe. Error ellipse: s-maj=5.1km s-min=1.2km az=90.0. Felt in the Gisborne region, maximum reported intensity MM 4.							
IDC	Error ellipse: s-maj=34.8km s-min=28.4km az=69.0.							
ISC	II	14 00 55 24.8-11	27.39N-02	88.42E-02	29	5.3b,4.9s	812	0-159
NAO	II	14 00 55 02.4	24.95N	91.05E	33	5.3b,4.9s		118083798
IDC	II	14 00 55 19.7-38	27.30N	88.43E	0	5.3,5.3		
LDG	II	14 00 55 20.4-17	27.48N	88.26E	10-0	5.5b,4.7s		
DMN	II	14 00 55 20.5-70	27.45N	88.34E	10-0	6.0L,4.7s		
SZGRF	II	14 00 55 20.4	26.98N	88.52E	18	5.3b,5.2s		
ISCJB	II	14 00 55 22.5-12	27.36N-02	88.40E-02	27	5.3b,4.9s		
BJI	II	14 00 55 22.8	27.39N	88.53E	27	5.3s,5.3b		
MOS	II	14 00 55 23.4-85	27.34N	88.35E	33	5.6b,4.9s		
CRAAG	II	14 00 55 23.8	27.44N	88.33E		5.5b,4.9s		
HRVD	II	14 00 55 25.1-30	27.22N	88.64E	19-1	5.3W,4.9s		
NDI	II	14 00 55 25.0-6.1	27.45N	88.28E	30-0	5.4L,5.4b		
NEIC	II	14 00 55 25.1-14	27.38N	88.39E	30	5.4b,4.8s		
BGS	II	14 00 55 50.2	30.77N	85.99E	31	5.2b,4.8s		
ISC	Event type de.							
IDC	Error ellipse: s-maj=15.3km s-min=10.8km az=46.0.							
LDG	Event type ke. Error ellipse: s-maj=7.7km s-min=6.9km az=145.0.							
DMN	Event type ke. Error ellipse: s-maj=61.0km s-min=13.4km az=8.0.							
SZGRF	India-Bangladesh border region.							
ISCJB	Event type de. Error ellipse: s-maj=2.7km s-min=2.2km az=18.6.							
MOS	Error ellipse: s-maj=7.0km s-min=3.4km az=123.8.							
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s45,c61; Mantle waves: s85,c168; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.61; 04 M=0.98; 03; M=0.36; 03; M=0.70; 06; M=0.17; 02; M=0.28; 07; Best double couple: NP1:φ=287.00000°,δ27.00000°,λ126.00000°. NP2:φ=68.00000°,δ68.00000°,λ73.00000°. Principal axes: T 0.9520,Plg63.0000°,Az311.0000°; N 0.3290,Plg16.0000°,Az74.0000°; P -1.2810,Plg21.0000°,Az170.0000°. M=1.11700×10 ¹⁷							
NDI	Error ellipse: s-maj=11.0km s-min=13.3km az=-1.0.							
NEIC	Event type de. Error ellipse: s-maj=4.4km s-min=2.8km az=13.0. Two people killed by landslides at Sherang. Two people injured in eastern Sikkim. Buildings and roads were damaged in the Gangtok area and at Bardan and Rangpo. Minor damage to buildings at Shiliguri, West Bengal. Felt at Darjiling, Guwahati, Itanagar, Jalpaiguri, Karsiyang, Koch Bihar, Malda and Shillong. Also felt at Kathmandu, Nepal; at Dinajpur, Nilphamari, Pabna, Rajshahi, Rangpur, Sylhet and Thakurgaon, Bangladesh; and at Paro Chhu, Phuntsholing and Thimphu, Bhutan.							
ISC	II	14 13 46 16.5-62	36.16N-04	140.09E-06	52-5	3.1b	26	0-60
IDC	II	14 13 46 08.6-2.1	36.29N	140.32E	0	3.4,3.3		119493075
ISCJB	II	14 13 46 15.5-64	36.16N-04	140.11E-06	59-5	3.1b,3.3		
JMA	II	14 13 46 16.5-10	36.18N	140.05E	52-1	3.6,3.3		
ISC	Event type fe.							
IDC	Error ellipse: s-maj=52.5km s-min=22.3km az=46.0.							
ISCJB	Event type fe. Error ellipse: s-maj=8.7km s-min=5.8km az=76.2.							
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=252.00000°,δ19.00000°,λ125.00000°. NP2:φ=36.00000°,δ75.00000°,λ79.00000°. Principal axes: T P1g59.0000°,Az291.0000°; N P1g11.0000°,Az39.0000°; P P1g29.0000°,Az135.0000°							
WEL	II	14 15 22 02.5-05	40.05S	175.53E	27-0	3.7L		119855233
WEL	Event type fe. Error ellipse: s-maj=1.3km s-min=0.4km az=90.0. Felt between Wanganui, Wellington and Hawke's Bay, maximum reported intensity.							

Principal axes: T Plg38.0000°, Azm298.0000°; N Plg14.0000°, Azm197.0000°; P Plg49.0000°, Azm91.0000°

Error ellipse: s-maj=23.0km s-min=16.0km az=117.0.

Table with columns for station codes (ISC, NIED, SZGRF, etc.), time (II), and various numerical data points.

ISC Event type fe. Error ellipse: s-maj=7.8km s-min=4.8km az=103.0.

MOS Event type fe. Error ellipse: s-maj=11.3km s-min=7.1km az=109.7. Felt (III) at Malokurilskoe; (II) at Yuzhno-Kuril'sk. Moment Tensor Solution.

ISC Event type fe. Error ellipse: s-maj=17.5km s-min=14.9km az=139.0.

ISC Event type fe. Error ellipse: s-maj=14.7km s-min=9.7km az=136.0. Felt (III) at Malokuril'skoye and (II) at Yuzhno-Kuril'sk.

(232) Western Honshu. Table with columns for station codes, time, and numerical data.

ISC Event type fe. Error ellipse: s-maj=18.2km s-min=13.0km az=137.0.

ISC Event type fe. Error ellipse: s-maj=9.1km s-min=6.8km az=136.0. Recorded [4 JMA] in Gifu; [3 JMA] in Fukui and Shiga; [2 JMA] in Aichi. Hyogo, Ishikawa, Kyoto and Nagano; [1 JMA] in Mie, Nara, Okayama, Osaka and Shizuoka Prefectures.

ISC Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: phi=242.00000°, delta=874.00000°, lambda=177.00000°.

(163) Cook Strait. Table with columns for station codes, time, and numerical data.

ISC Event type fe. Error ellipse: s-maj=8.0km s-min=0.6km az=0.0. Felt from Wellington to Marlborough, maximum reported intensity MM 5.

(40) California-Nevada border region. Table with columns for station codes, time, and numerical data.

ISC Event type fe. Error ellipse: s-maj=6.6km s-min=3.9km az=86.9.

ISC Event type fe. Felt (III) at Benton; (II) at Mammoth Lakes and Sonora. Also felt at Bishop, El Portal, Groveland, June Lake, Lee Vining, Mokelumne Hill, Murphys and Yosemite National Park. Felt at Wellington, Nevada. After NCECD. Moment Tensor Solution. Mo1.50000x1015

(460) Wyoming. Table with columns for station codes, time, and numerical data.

ISC Event type fm. Error ellipse: s-maj=47.6km s-min=8.7km az=153.0.

ISC Event type fm. Error ellipse: s-maj=10.6km s-min=7.2km az=93.3.

(613) Hawaiian Islands. Table with columns for station codes, time, and numerical data.

(233) Near south coast of western Honshu. Table with columns for station codes, time, and numerical data.

ISC Event type fe. Error ellipse: s-maj=9.6km s-min=5.5km az=85.3.

(613) Hawaiian Islands. Table with columns for station codes, time, and numerical data.

(216) Mariana Islands. Table with columns for station codes, time, and numerical data.

ISC Event type fe. Error ellipse: s-maj=55.5km s-min=27.2km az=140.0.

(213) Volcano Islands region. Table with columns for station codes, time, and numerical data.

ISC Event type fe. Error ellipse: s-maj=3.3km s-min=3.2km az=62.8.

ISC Event type fe. Error ellipse: s-maj=4.3km s-min=3.7km az=127.0. Recorded [1 JMA] in Tokyo Prefecture, Honshu. Moment Tensor Solution. Mo2.00000x1017

ISC Event type fe. Error ellipse: s-maj=14.1km s-min=8.4km az=92.0.

ISC Event type fe. Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

ISC Event type fe. Error ellipse: s-maj=14.1km s-min=8.4km az=92.0.

ISC Event type fe. Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

Principal axes: T 3.2150, Plg53.0000°, Azm204.0000°; N -0.0020, Plg33.0000°

Event type fe. Error ellipse: s-maj=3.3km s-min=8.1km az=-1.0.

Table with columns for station codes (ISC, NIED, SZGRF, etc.), time (II), and various numerical data points.

ISC Event type fe. Error ellipse: s-maj=64.6km s-min=23.1km az=75.0.

ISC Event type fe. Error ellipse: s-maj=7.6km s-min=5.8km az=140.3.

(228) Near east coast of eastern Honshu. Table with columns for station codes, time, and numerical data.

ISC Event type fe. Error ellipse: s-maj=18.0km s-min=14.8km az=105.7.

ISC Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.

(228) Near east coast of eastern Honshu. Table with columns for station codes, time, and numerical data.

ISC Event type fe. Error ellipse: s-maj=10.3km s-min=7.4km az=110.4.

ISC Event type fe. Error ellipse: s-maj=1.0km s-min=0.9km az=-1.0.

ISC Event type fe. Error ellipse: s-maj=30.8km s-min=8.9km az=64.0.

ISC Event type fe. Error ellipse: s-maj=19.8km s-min=11.8km az=70.0. Recorded [1 JMA] in Fukushima, Ibaraki and Tochigi Prefectures. Moment Tensor Solution. Mo1.70000x1015

(333) Tuva-Buryatia-Mongolia border region. Table with columns for station codes, time, and numerical data.

ISC Event type fe. Error ellipse: s-maj=7.2km s-min=5.1km az=92.5. Felt (IV) at Zakamensk; (II) at Irkutsk. Moment Tensor Solution.

ISC Event type fe. Error ellipse: s-maj=18.3km s-min=11.6km az=39.0.

ISC Event type fe. Error ellipse: s-maj=3.1km s-min=2.7km az=38.2.

(259) Mindanao. Table with columns for station codes, time, and numerical data.

ISC Event type fe. Error ellipse: s-maj=3.6km s-min=3.1km az=59.2.

ISC Event type fe. Error ellipse: s-maj=16.9km s-min=10.8km az=75.0.

ISC Event type fe. Error ellipse: s-maj=11.6km s-min=5.7km az=107.1.

ISC Event type fe. Error ellipse: s-maj=8.1km s-min=4.7km az=70.0. Felt (II PIVS) at Tandag and (I PIVS) at Hinatuan.

ISC Event type fe. Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

(497) Northwestern Texas-Oklahoma border region. Table with columns for station codes, time, and numerical data.

(216) Mariana Islands. Table with columns for station codes, time, and numerical data.

ISC Event type fe. Error ellipse: s-maj=3.3km s-min=3.3km az=111.0. Felt at Borger and Fritch.

ISC Event type fe. Error ellipse: s-maj=12.1km s-min=8.0km az=78.0.

ISC Event type fe. Error ellipse: s-maj=4.7km s-min=3.8km az=106.0. Felt (IV) at Santa Rita and (III) at Barrigada and Yigo. Also felt at Asan, Hagatna, Inarajan and Mangil.

(232) Western Honshu. Table with columns for station codes, time, and numerical data.

ISC Event type fe. Error ellipse: s-maj=8.3km s-min=5.0km az=142.2.

ISC Event type fe. Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

ISC Event type fe. Error ellipse: s-maj=14.1km s-min=8.4km az=92.0.

ISC Event type fe. Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

IDC Error ellipse: s-maj=22.3km s-min=12.5km az=165.0.
 NEIC Event type fe. Error ellipse: s-maj=18.2km s-min=11.6km az=183.0. Recorded [4 JMA] in Gifu; [2 JMA] in Aichi, Fukui and Shiga; [1 JMA] in Hyogo, Ishikawa, Mie, Osaka and Shizuoka Prefectures.

(283) Bali region

ISC	II	18 10 20 24.8-1.2	8.5S-20	115.8E-30	10	3.4b	6	13-63
ISCJB	II	18 10 20 22.4-1.2	8.6S-20	115.7E-30	10	3.4b		19571265
IDC	II	18 10 20 23.5-3.2	8.43S	115.90E	0	3.4,3.4		
NEIC	II	18 10 20 24.7-89	8.53S	115.78E	10	3.7b,3.4		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=48.9km s-min=15.9km az=122.7.
 IDC Error ellipse: s-maj=170.7km s-min=22.6km az=53.0.
 NEIC Event type fe. Error ellipse: s-maj=34.2km s-min=11.4km az=61.0. Felt [IV] at Mataram, Lombok.

(676) Northern Alaska

ISC	II	18 13 01 34.9-27	66.33N-03	142.26W-07	10	4.1b,3.4s	101	1-71
BJI	II	18 13 01 30.7	66.30N	142.30W	15	4.9b,4.5s		18096077
ISCJB	II	18 13 01 33.5-28	66.30N-03	142.27W-07	10	4.1b,3.4s		
IDC	II	18 13 01 34.5-72	66.37N	142.18W	0	4.5,4.3L		
NEIC	II	18 13 01 35.8	66.28N	142.30W	16	4.5L,4.4W		
PGC	II	18 13 01 35.5	66.32N	142.07W	5	4.4W,4.4L		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=4.6km s-min=3.9km az=14.4.
 IDC Error ellipse: s-maj=15.7km s-min=10.0km az=156.0.
 NEIC Event type fe. Felt at Chalkyitsik. After AEIC. Moment Tensor Solution. M=4.70000x10¹⁵ Moment Tensor Solution. M=2.00000x10¹⁵

PGC Event type ke. Error ellipse: s-maj=5.6km s-min=2.2km az=1.0. Eastern Alaska.

(244) Taiwan

ISC	II	18 14 22 12.3-1.3	23.82N-06	121.47E-03	10-6	3.8b	42	0-83
NEIC	II	18 14 22 11.5-1.6	23.76N	121.61E	9-8	4.5L,3.8b		18096080
ISCJB	II	18 14 22 12.4-1.2	23.82N-06	121.45E-03	21-7	3.8b,3.8b		
JMA	II	18 14 22 13.9-4.0	24.00N	121.42E	84	3.5,3.8b		
BJI	II	18 14 22 14.8	24.04N	121.19E	4	4.5b,4.1b		
IDC	II	18 14 22 16.9-4.5	23.81N	121.75E	50-47	3.8L,3.8		

ISC Event type fe.
 NEIC Event type fe. Error ellipse: s-maj=13.2km s-min=10.0km az=219.0. Recorded [4 TAP] in Hua-lian; [2 TAP] in Nan-t'ou and T'ai-chung; [1 TAP] in Chang-hua, I-han and T'ai-tung Counties.

ISCJB Event type fe. Error ellipse: s-maj=9.7km s-min=4.2km az=18.9.
 JMA Error ellipse: s-maj=6.7km s-min=3.0km az=1.0.
 IDC Error ellipse: s-maj=42.1km s-min=17.6km az=62.0.

(259) Mindanao

ISC	II	19 00 49 17.6-16	6.03N-02	126.15E-03	142	5.1b	391	1-168
CSEM	II	19 00 49 04.2	6.14N	126.10E	33	5.5b		18096108
NAO	II	19 00 49 11.0	7.32N	125.07E	33	5.3b		
ISCJB	II	19 00 49 15.6-16	5.98N-02	126.13E-03	140	5.1b		
MOS	II	19 00 49 15.0-92	6.04N	126.06E	134	5.2b		
MAN	II	19 00 49 15.3	6.02N	126.27E	128	5.5L,4.8b		
IDC	II	19 00 49 15.9-64	5.96N	126.08E	129-5	5.2,4.8		
BJI	II	19 00 49 15.9	5.94N	126.15E	147	5.2b,5.1b		
NEIC	II	19 00 49 16.6-13	6.06N	126.09E	132	5.2b,5.1b		
HRVD	II	19 00 49 16.6-20	6.05N	126.27E	131-1	5.3W,5.1b		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=4.8km s-min=2.8km az=138.6.
 MOS Error ellipse: s-maj=12.2km s-min=5.8km az=106.4.
 MAN Event type fe. F DAVAO CITY - INTENSITY II GENERAL SANTOS CITY - INTENSITY I.
 IDC Error ellipse: s-maj=11.7km s-min=6.0km az=69.0.
 NEIC Event type fe. Error ellipse: s-maj=5.9km s-min=3.9km az=69.0. Felt [III PIVS] at General Santos and [II PIVS] at Davao.

HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s69,c99; Mantle waves: s88,c169; Half duration: 1s1 Moment tensor: Scale 10¹⁷Nm; M=0.79±0.02; M=0.20±0.03; M=0.98±0.03; M=0.37±0.02; M=0.71±0.03; M=0.07±0.03; Best double couple: NP1:φ=355.00000°,λ=52.00000°,λ44.00000°,NP2:φ=234.00000°,λ=827.00000°,λ133.00000°. Principal axes: T 1.0530,Plg55.0000°,Az=202.0000°; N 0.2690,Plg35.0000°,Az=27.0000°; P -1.3210,Plg3.0000°,Az=296.0000° M=1.18700x10¹⁷

(235) Kyushu

ISC	II	19 07 08 31.4-81	30.57N-04	131.18E-09	36-6	3.5b	30	0-77
NIED	II	19 07 08 00	30.60N	131.20E	26	3.8b		19258514
ISCJB	II	19 07 08 30.2-84	30.54N-04	131.21E-09	43-6	3.5b		
JMA	II	19 07 08 31.2-10	30.58N	131.18E	30-1	3.5		
NEIC	II	19 07 08 31.2	30.58N	131.18E	30	3.5		
IDC	II	19 07 08 33.2-1.8	30.60N	130.96E	51-16	3.6,3.5		

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=166.00000°,λ=33.00000°. NP2:φ=7.00000°,λ=106.00000°. M=6.59000x10¹⁴

ISCJB Event type fe. Error ellipse: s-maj=13.9km s-min=5.7km az=34.4.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
 NEIC Event type se. After JMA.
 IDC Error ellipse: s-maj=26.3km s-min=9.3km az=98.0.

(235) Kyushu

ISC	II	19 17 11 12.6-60	32.08N-02	129.89E-04	4-5	3.5b	36	0-75
NIED	II	19 17 11 00	32.10N	129.90E	5	4.0W		19494801
JMA	II	19 17 11 12.5	32.07N	129.88E	12-1	4.1		
ISCJB	II	19 17 11 12.1-61	32.08N-03	129.86E-03	11-4	3.5b		
IDC	II	19 17 11 13.2-89	32.34N	129.72E	0	3.7,3.7		
NEIC	II	19 17 11 14.5-2.2	32.30N	129.81E	8-15	3.9b,3.7		
BJI	II	19 17 11 15.1	32.17N	129.41E	8	4.6b,4.3s		

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=306.00000°,λ=33.00000°. NP2:φ=50.00000°,λ=154.00000°. M=1.13000x10¹⁵

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=306.00000°,λ=20.00000°. NP2:φ=45.00000°,λ=151.00000°. Principal axes: T P1g7.0000°,Az=174.0000°; N P1g56.0000°,Az=73.0000°; P P1g33.0000°,Az=268.0000°

ISCJB Event type fe. Error ellipse: s-maj=4.8km s-min=4.3km az=38.5.
 IDC Error ellipse: s-maj=21.8km s-min=12.8km az=140.0.
 NEIC Event type fe. Error ellipse: s-maj=14.9km s-min=10.8km az=91.0. Recorded [2 JMA] in Kumamoto and Kagoshima; [1 JMA] in Nagasaki Prefectures.

(134) Off coast of central Chile

ISC	II	19 19 18 14.6-50	33.25S-03	72.11W-05	43-6	4.5b,4.2s	93	0-165
ISCJB	II	19 19 18 13.7-49	33.26S-02	72.12W-05	51-5	4.5b,4.2s		18192817
NEIC	II	19 19 18 14.0	33.23S	72.06W	54	4.5b,4.2s		
GUC	II	19 19 18 14.0-91	33.23S	72.06W	54-10	5.1L,4.2s		
IDC	II	19 19 18 17.1-2.5	33.29S	71.99W	69-21	4.5,4.3		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=6.7km s-min=3.8km az=33.9.
 NEIC Event type fe. Felt [IV] at Papudo, Puchuncavi and Quilpué; [III] at Melipilla, Quilota, Rancagua, San Antonio, Santiago, Valparaiso and Vina del Mar; [II] at Talca. After GUC.

GUC Error ellipse: s-maj=1.7km s-min=2.9km az=-1.0.
 IDC Error ellipse: s-maj=20.1km s-min=13.8km az=98.0.

(460) Wyoming

ISC	II	19 21 28 30.7-47	44.17N-03	105.47W-05	0	5.4b,5.2s	56	1-19
IDC	II	19 21 28 28.9-2.1	44.00N	105.49W	0	3.4,3.2L		19571517
ISCJB	II	19 21 28 29.2-51	44.15N-03	105.45W-06	0	3.4,3.2L		
NEIC	II	19 21 28 30.7-54	44.12N	105.30W	0	3.1L,3.2L		

ISC Event type fm.
 IDC Error ellipse: s-maj=63.5km s-min=8.2km az=147.0.
 ISCJB Event type fm. Error ellipse: s-maj=6.0km s-min=4.7km az=178.0.
 NEIC Event type fm. Error ellipse: s-maj=6.9km s-min=6.6km az=116.0. 25 km [15 miles] SSE of Gillette. Suspected Mining explosion.

(72) Honduras

ISC	II	20 06 56 10.8-94	13.14N-02	87.47W-02	19-6	5.4b,5.2s	450	1-176
NAO	II	20 06 56 02.3	11.50N	88.17W	33	4.0b,5.2s		18319430
IDC	II	20 06 56 06.1-60	13.11N	87.41W	0	5.2,5.2s		
CASC	II	20 06 56 08.7-2.0	13.26N	87.54W	19-5	5.6b,5.3L		
ISCJB	II	20 06 56 08.4-94	13.23N-02	87.47W-02	12-6	5.4b,5.2s		
NEIC	II	20 06 56 09.7-31	13.16N	87.56W	10	5.6,5.6b		
HRVD	II	20 06 56 09.7-20	13.24N	87.62W	17-0	5.5W,5.6b		
BJI	II	20 06 56 09.6	13.20N	87.60W	10	5.7s,5.5b		

MOS II 20 06 56 09.5-1.6 13.42N 87.54W 10 5.6b,5.2s
 SZGRF II 20 06 56 12.1 13.06N 87.36W 33 5.5b,5.5s

ISC Event type fe.
 IDC Error ellipse: s-maj=21.4km s-min=11.2km az=54.0.
 CASC Error ellipse: s-maj=10.1km s-min=5.3km az=-1.0. Moment Tensor Solution. NP1: φ=346.10000°,λ=71.30000°,λ36.00000°

ISCJB Event type fe. Error ellipse: s-maj=4.7km s-min=2.6km az=63.0.
 NEIC Event type fe. Error ellipse: s-maj=7.6km s-min=4.6km az=33.0. Felt [V] at La Union and [IV] at Tegucigalpa. Also felt at La Ceiba, Monjarras and Quebradas. Felt at Esteli, Nicaragua.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s77,c147; Mantle waves: s99,c209; Half duration: 1s4 Moment tensor: Scale 10¹⁷Nm; M=0.25±0.04; M=1.49±0.04; M=1.74±0.04; M=0.55±0.10; M=1.93±0.03; M=0.12±0.10; Best double couple: NP1:φ=20.00000°,λ=3.00000°,λ3.00000°. NP2:φ=110.00000°,λ=87.00000°,λ=167.00000°. Principal axes: T 2.6830,Plg7.0000°,Az=244.0000°; N -0.2010,Plg77.0000°,Az=124.0000°; P -2.4820,Plg11.0000°,Az=336.0000° M=2.58200x10¹⁷

MOS Error ellipse: s-maj=8.5km s-min=4.6km az=109.2.
 SZGRF Honduras.

(162) South Island

WEL	II	20 13 40 54.5-10	45.11S	167.39E	66-1	4.2L		
NEIC	II	20 13 40 54.5	45.11S	167.40E	66	4.2L		19855415

WEL Event type fe. Error ellipse: s-maj=1.0km s-min=0.6km az=90.0. Felt in the Fiordland region, maximum reported intensity MM 4.
 NEIC Event type se. After WEL.

(259) Mindanao

MAN	II	20 15 04 08.4	9.71N	125.43E	9	4.7L,3.5b		19495185
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MAN Event type fe. F SURIGAO CITY - INTENSITY II.

(363) Greece-Bulgaria border region

ISC	II	20 17 20 10.5-35	41.68N-01	25.50E-01	8-2	4.3b,4.0s	441	0-87
NEIC	II	20 17 20 09.0	41.71N	25.54E	10	4.6L,4.6L		18096138
ISCJB	II	20 17 20 09.6-36	41.70N-01	25.51E-01	13-2	4.3b,4.0s		
PRU	II	20 17 20 09.7	41.64N	25.33E	0	4.6,4.0s		
SOF	II	20 17 20 09.3	41.69N	25.48E	13	4.5,4.0s		
BJI	II	20 17 20 09.0	41.70N	25.50E	10	4.9b,4.8s		
PDG	II	20 17 20 09.6-61	41.67N	25.52E	11-1	4.9b,4.8s		
MOS	II	20 17 20 09.3-1.1	41.70N	25.50E	10	4.6b,4.8s		
CSEM	II	20 17 20 09.0	41.71N	25.54E	10	4.7b,4.8s		
SKO	II	20 17 20 09.0	41.71N	25.54E	10	4.7L,3.9		
IDC	II	20 17 20 10.3-61	41.84N	25.38E	0	4.2,4.1		
ATH	II	20 17 20 10.3	41.64N	25.45E	26-1	4.6L,4.4		
THE	II	20 17 20 10.9	41.62N	25.58E	15	4.6L,4.4		
NAO	II	20 17 20 26.8	42.65N	23.61E	33	3.8b,4.4		

ISC Event type de.
 NEIC Event type de. Two people injured, at least 175 buildings slightly damaged and power and telephone service interrupted in the Murgovo area. After CSEM.

ISCJB Event type de. Error ellipse: s-maj=2.0km s-min=1.7km az=29.8.
 PDG Error ellipse: s-maj=0.8km s-min=0.6km az=-1.0.
 MOS Error ellipse: s-maj=4.3km s-min=3.0km az=93.8.
 IDC Error ellipse: s-maj=9.7km s-min=9.0km az=35.0.
 ATH Error ellipse: s-maj=2.2km s-min=1.7km az=-1.0.

(109) Near coast of northern Peru

ISC	II	20 20 16 05.5-2.3	9.4S-20	79.2W-30	61-20	3.9b	14	4-141
IDC	II	20 20 15 57.6-1.6	9.17S	79.16W	0	4.1,4.0		19571711
ISCJB	II	20 20 16 03.2-2.5	9.3S-20	79.2W-30	55-22	3.9b,4.0		
NEIC	II	20 20 16 07.7-1.5	9.17S	78.47W	85-13	4.2b,4.0		

ISC Event type fe.
 IDC Error ellipse: s-maj=63.0km s-min=36.8km az=38.0.
 ISCJB Event type fe. Error ellipse: s-maj=52.5km s-min=13.6km az=128.2.
 NEIC Event type fe. Error ellipse: s-maj=32.4km s-min=11.9km az=67.0. Felt [II] at Chimbote.

(159) North Island

ISC	II	20 21 45 18.1-51	39.84S-03	176.81E-06	56-6	3.3b	80	0-153
ISCJB	II	20 21 45 17.0-54	39.86S-03	176.83E-06	66-5	3.5b		18106464
NEIC	II	20 21 45 20.0-18	39.74S	176.71E	37-3	4.0L		
NEIC	II	20 21 45 20.3	39.74S	176.69E	31	4.0L		
IDC	II	20 21 45 21.9-1.3	38.29S	175.75E	0	3.8,3.7		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=8.5km s-min=4.3km az=36.8.
 WEL Event type fe. Error ellipse: s-maj=1.9km s-min=1.2km az=90.0. Felt in the Hawke's Bay region, maximum reported intensity MM 4.
 NEIC Event type fe. Felt at Taradale. After WEL.
 IDC Error ellipse: s-maj=12.9km s-min=16.5km az=3.0.

(117) Southern Peru

ISC	II	20 23 02 43.2-76	16.98S-06	70.32W-06	67-8	4.2b	45	1-156
ISCJB	II	20 23 02 43.3-93	16.96S-06	70.38W-06	65-9	4.2b		18106466
NEIC	II	20 23 02 43.3-90	16.88S	70.29W	62-8	4.6b		
BJI	II	20 23 02 43.3	16.90S	70.30W	62	4.6b		
IDC	II	20 23 02 46.4-2.6	16.92S	69.98W	92-22	4.2s,4.2		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=11.2km s-min=7.5km az=94.8.
 NEIC Event type fe. Error ellipse: s-maj=12.2km s-min=6.9km az=50.0. Felt [III] at Carumas.
 IDC Error ellipse: s-maj=26.7km s-min=21.8km az=46.0.

(116) Central Peru

ISC	II	21 21 00 22.8-19	10.24S-03	75.42W-04	14	5.3b,4.6s	256	2-171
ISCJB	II	21 21 00 21.0-19	10.18S-03	75.46W-04	14	5.3b,4.6s		18096163
MOS	II							

ISCJB	Event type fe. Error ellipse: s-maj=8.6km s-min=4.8km az=52.6.								
NEIC	Event type fe. Felt [III] at Curico and [II] at Rancagua and Talca. After GUC.								
GUC	Error ellipse: s-maj=2.5km s-min=3.8km az=1.0.								
IDC	Error ellipse: s-maj=25.3km s-min=12.2km az=97.0.								
(14) Keral Peninsula									
ISC	II 22 20 24 57.3-53	60.76N-04	151.6W-10	93-8	3.6b	34	1-69		
ISCJB	II 22 20 24 56.2-53	60.76N-04	151.6W-10	100-7	3.6b			19579341	
IDC	II 22 20 24 57.3-1.6	60.66N	151.36W	95-27	3.6,3.4b				
NEIC	II 22 20 24 58.9	60.81N	151.70W	81	3.0,3.4b				
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=9.3km s-min=6.5km az=40.1.								
IDC	Error ellipse: s-maj=41.5km s-min=14.1km az=117.0.								
NEIC	Event type fe. Felt at Homer. After AEIC.								
(581) Mozambique									
ISC	II 22 22 19 09.3-13	21.31S-02	33.55E-03	16	7.4s,6.3b	1150	7-171		
PRE	II 22 22 19 03.7-1.2	21.32S	33.48E	5-0	7.2L,3.6b			18096170	
SZGRF	II 22 22 19 05.8	22.38S	32.71E	33	7.3s,6.3b				
IDC	II 22 22 19 05.9-1.1	21.18S	33.51E	2-5	7.2,7.2s				
CRAAG	II 22 22 19 06.6	22.29S	33.44E		7.5W,7.2s				
MOS	II 22 22 19 06.8-1.3	21.17S	33.72E	11	7.3s,6.6b				
IGIL	II 22 22 19 06.0	21.22S	33.34E	2	7.3s,5.9b				
HRVD	II 22 22 19 07.8-10	21.20S	33.33E	12	7.0W,5.9b				
NEIC	II 22 22 19 07.8-17	21.32S	33.58E	11	7.5s,7.1				
BJI	II 22 22 19 07.6	20.87S	33.10E	22	6.7s,4.7b				
ISCJB	II 22 22 19 07.6-14	21.25S-02	33.10E-03	16	7.4s,6.3b				
NAO	II 22 22 19 10.2	21.00S	33.00E	10	6.2b,6.3b				
BGS	II 22 22 19 12.5	20.34S	35.31E	27	7.1s,6.4b				
ISC	Event type de.								
PRE	Error ellipse: s-maj=11.0km s-min=12.3km az=-1.0.								
SZGRF	Mozambique								
IDC	Error ellipse: s-maj=14.5km s-min=7.9km az=80.0.								
MOS	Error ellipse: s-maj=11.9km s-min=3.7km az=94.2.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=150s. Centroid Moment Tensor Solution. LP body waves: s104.c272; Mantle waves: s104.c477; Half duration: 799 Moment tensor: Scale 10 ¹⁹ Nm; M _{rr} -2.83±0.02 M _{θθ} -0.21±0.02; M _{φφ} 3.04±0.02; M _{rr} -0.19±0.08; M _{θθ} -1.38±0.01; M _{φφ} 2.64±0.09; Best double couple: NP1:φ ₁ 325.0000°; φ ₂ 27.0000°; λ-114.0000°; NP2: φ ₁ 172.0000°; φ ₂ 85.0000°; λ-78.0000°; Principal axes: T 4.4480,Plg19.0000°; Azm253.0000°; N -0.5770,Plg11.0000°; Azm347.0000°; P -3.8730,Plg67.0000°; Azm104.0000°; M ₀ 4.16000×10 ¹⁹								
NEIC	Event type fe. Error ellipse: s-maj=7.6km s-min=5.1km az=77.0. One person killed at Espunguba, one killed at Machaze and 2 killed at Beira. Thirty-six people injured and at least 294 buildings damaged in the Espunguba-Beira-Chimoio area. Power outages occurred at Maputo. Felt [V] at Beira, Inhambane and Maputo; [IV] at Matola. Felt [IV] at Harare and Mutare, Zimbabwe. Also felt [IV] at Louis Trichardt and Phalaborwa; [III] at Durban and Middelburg; [II] at Johannesburg and Pretoria, South Africa. Felt throughout Mozambique and eastern Zimbabwe. Felt in Swaziland and at Lobatse, Botswana and Lusaka, Zambia. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M ₀ 3.80000×10 ¹⁹ Moment Tensor Solution. s24 Moment tensor: Scale 10 ¹⁹ Nm; M _{rr} -3.62 M _{θθ} -0.63 M _{φφ} 4.25 M _{rr} 0.75 M _{θθ} 0.92 M _{φφ} 2.11 Best double couple: NP1:φ ₁ 186.0000°; φ ₂ 72.0000°; λ-72.0000°; NP2:φ ₁ 332.0000°; φ ₂ 85.0000°; λ-119.0000°; Principal axes: T 4.8700,Plg13.0000°; Azm262.0000°; N -0.4800,Plg16.0000°; Azm356.0000°; P -4.3900,Plg69.0000°; Azm134.0000°; M ₀ 4.60000×10 ¹⁹ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ ₁ 345.0000°; φ ₂ 810.0000°; λ-90.0000°; NP2:φ ₁ 165.0000°; φ ₂ 80.0000°; λ-90.0000°; Principal axes: T Plg35.0000°; Azm255.0000°; N Plg0.0000°; Azm0.0000°; P Plg55.0000°; Azm75.0000°								
ISCJB	Event type de. Error ellipse: s-maj=3.8km s-min=3.5km az=126.2.								
(581) Mozambique									
ISC	II 23 01 23 42.5-20	21.40S-04	33.38E-04	14	5.5s,5.1b	372	8-152		
ISCJB	II 23 01 23 40.8-21	21.34S-04	33.44E-05	13	5.5s,5.1b			18106530	
IDC	II 23 01 23 40.5-43	21.30S	33.38E	0	5.4s,4.5a				
MOS	II 23 01 23 40.8-87	21.30S	33.35E	13	5.3b,5.2s				
BJI	II 23 01 23 42.2	21.40S	33.50E	10	6.0b,5.9s				
HRVD	II 23 01 23 42.2-40	21.33S	33.18E	12	5.7W,5.9s				
NEIC	II 23 01 23 42.2-20	21.37S	33.53E	10	5.5s,5.3b				
NAO	II 23 01 23 46.0	21.00S	34.00E	10	4.8b,5.3b				
SZGRF	II 23 01 23 47.6	20.62S	34.51E	33	5.2b,5.3b				
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=6.6km s-min=5.2km az=129.0.								
IDC	Error ellipse: s-maj=18.2km s-min=12.2km az=89.0.								
MOS	Error ellipse: s-maj=13.7km s-min=4.9km az=93.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s33.c40; Mantle waves: s82.c129; Half duration: 250 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} -4.59±17 M _{θθ} 0.23±16; M _{φφ} 4.36±15; M _{rr} -0.32±7.5; M _{θθ} 0.51±14; M _{φφ} 2.14±60; Best double couple: NP1:φ ₁ 354.0000°; φ ₂ 832.0000°; λ-89.0000°; NP2:φ ₁ 172.0000°; φ ₂ 858.0000°; λ-91.0000°; Principal axes: T 4.9140,Plg13.0000°; Azm283.0000°; N 0.1700,Plg1.0000°; Azm173.0000°; P -5.0830,Plg77.0000°; Azm80.0000°; M ₀ 4.99800×10 ¹⁷								
NEIC	Event type fe. Error ellipse: s-maj=6.7km s-min=4.9km az=64.0. Felt at Beira and Maxixe. Also felt at Nelspruit and Pietersburg, South Africa and at Harare, Zimbabwe.								
SZGRF	Mozambique.								
(162) South Island									
WEL	II 23 06 49 23.1-08	41.43S	173.97E	43-0	3.7L				
NEIC	II 23 06 49 22.8	41.47S	173.96E	40	3.7L			18113879	
WEL	Event type fe. Error ellipse: s-maj=1.0km s-min=0.8km az=90.0. Felt in the Marlborough region, maximum reported intensity MM 4.								
NEIC	Event type fe. Felt at Pictou. After WEL.								
(222) East of Kuril Islands									
ISC	II 23 18 29 22.7-20	49.49N-02	158.43E-04	18	4.8b,4.1s	349	2-145		
SKHL	II 23 18 29 17.1-3.7	49.72N	159.13E	64-0	6.1b,5.7			18193048	
ISCJB	II 23 18 29 20.9-20	49.48N-02	158.44E-04	17	4.8b,4.1s				
BJI	II 23 18 29 22.3	49.76N	158.03E	13	4.8b,4.8b				
NEIC	II 23 18 29 22.5-20	49.43N	158.44E	18	4.9b,4.8b				
KRSC	II 23 18 29 22.4-80	49.55N	158.62E	19-13	5.3L,4.8b				
HRVD	II 23 18 29 22.5-60	49.31N	158.31E	20-1	4.8W,4.8b				
MOS	II 23 18 29 23.0-1.0	49.51N	158.31E	31	5.1b,4.8b				
IDC	II 23 18 29 23.8-4.3	49.39N	158.43E	29-30	4.6,4.6				
SZGRF	II 23 18 29 32.8	51.22N	159.31E	20	4.7b,4.6				
NAO	II 23 18 29 36.4	51.03N	156.73E	33	5.1b,4.6				
ISC	Event type fe.								
SKHL	Event type fe. Felt [II] at Severo-Kuril'sk.								
ISCJB	Event type fe. Error ellipse: s-maj=4.3km s-min=2.8km az=55.2.								
NEIC	Event type fe. Error ellipse: s-maj=6.0km s-min=3.5km az=158.0. Felt [II] at Severo-Kuril'sk.								
KRSC	Event type se.								
HRVD	Error ellipse: s-maj=5.6km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14.c16; Mantle waves: s56.c77; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -1.34±15 M _{θθ} 0.60±0.9; M _{φφ} 0.73±0.9; M _{rr} -0.81±18; M _{θθ} 0.86±0.5; M _{φφ} 0.54±15; Best double couple: NP1:φ ₁ 197.0000°; φ ₂ 49.0000°; λ-131.0000°; NP2:φ ₁ 70.0000°; φ ₂ 85.0000°; λ-53.0000°; Principal axes: T 1.5470,Plg4.0000°; Azm135.0000°; N 0.3470,Plg29.0000°; Azm227.0000°; P -1.8910,Plg60.0000°; Azm38.0000°; M ₀ 1.71900×10 ¹⁶								
MOS	Event type fe. Error ellipse: s-maj=8.1km s-min=4.5km az=96.6. Felt [I-II] at Severo-Kuril'sk. Moment Tensor Solution.								
IDC	Error ellipse: s-maj=16.4km s-min=11.6km az=149.0.								
SZGRF	Off east coast of Kamchatka Peninsula, Russia.								
(317) Northeastern India									
ISC	II 23 20 04 54.5-59	26.96N-02	91.71E-02	15-3	5.4b,5.3s	826	1-162		
NAO	II 23 20 04 29.3	22.93N	93.08E	33	5.6b,5.3s			18096195	
ISCJB	II 23 20 04 50.9-54	26.95N-02	91.67E-02	4-3	5.4b,5.3s				
CRAAG	II 23 20 04 51.9	26.99N	91.65E		5.6b,5.3s				
LDG	II 23 20 04 51.4-20	27.00N	91.52E	10-0	5.6b,4.9s				
BJI	II 23 20 04 52.6	27.10N	91.79E	11	5.9s,5.5s				
NEIC	II 23 20 04 53.5-15	26.91N	91.71E	10	5.8W,5.5b				
HRVD	II 23 20 04 53.5-20	26.91N	91.94E	12	5.5W,5.4b				
BGS	II 23 20 04 53.2-1.8	26.89N	91.65E	10-0	5.7b,5.5b				
IDC	II 23 20 04 54.8-1.7	26.92N	91.62E	18-9	5.2,5.2				
MOS	II 23 20 04 54.4-91	26.85N	91.65E	29	5.6b,5.3s				
CSEM	II 23 20 04 57.8	27.38N	91.53E	33	5.6b,5.3s				

SZGRF	II 23 20 05 03.7	27.94N	91.19E	33	5.6s,5.5b				
ISC	Event type de.								
ISCJB	Event type de. Error ellipse: s-maj=3.6km s-min=2.5km az=11.6.								
LDG	Event type ke. Error ellipse: s-maj=9.5km s-min=5.5km az=145.0.								
NEIC	Error ellipse: s-maj=4.8km s-min=3.2km az=202.0. At least 126 buildings damaged in Tashigang, Bhutan. Felt [V] at Dewathang and Samdrup Jongkar; [IV] at Bomilla, Dhubri, Itanagar and Shillong. Felt at Guwahati and in parts of Nagaland. Also felt [IV] at Thimphu, Bhutan. Moment Tensor Solution. s7 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} -0.63 M _{θθ} -5.69 M _{φφ} 5.07 M _{rr} 0.55 M _{θθ} -0.07 M _{φφ} 0.10 Best double couple: NP1:φ ₁ 225.0000°; φ ₂ 87.0000°; λ-4.0000°; NP2:φ ₁ 315.0000°; φ ₂ 86.0000°; λ-177.0000°; Principal axes: T 5.0800,Plg1.0000°; Azm270.0000°; N 0.6600,Plg85.0000°; Azm14.0000°; P -5.7300,Plg5.0000°; Azm180.0000°; M ₀ 5.40000×10 ¹⁷								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s75.c120; Mantle waves: s101.c208; Half duration: 1s3 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} -0.21±0.03 M _{θθ} -1.84±0.03; M _{φφ} 1.63±0.03; M _{rr} 0.71±0.07; M _{θθ} 3.00±0.03; M _{φφ} 0.12±0.07; Best double couple: NP1:φ ₁ 321.0000°; φ ₂ 873.0000°; λ-173.0000°; NP2:φ ₁ 229.0000°; φ ₂ 84.0000°; λ-18.0000°; Principal axes: T 1.6800,Plg8.0000°; Azm276.0000°; N 0.03970,Plg71.0000°; Azm30.0000°; P -2.0760,Plg17.0000°; Azm184.0000°; M ₀ 1.87800×10 ¹⁷								
BGS	Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.								
IDC	Error ellipse: s-maj=11.2km s-min=8.9km az=57.0.								
MOS	Error ellipse: s-maj=7.4km s-min=3.5km az=123.9.								
SZGRF	Bhutan								
(317) Northeastern India									
ISC	II 23 20 07 24.9-1.7	26.90N-04	91.62E-04						

MDD Event type fe. Error ellipse: s-maj=3.5km s-min=1.8km az=90.0. EMS: II AS NOGAIS BARALLA BECERREA SAMOS. PRXIMO II O INCIO SEOANE I A POBRA DE SAN N TRIACASTELA

INMG Event type ke. Error ellipse: s-maj=2.5km s-min=1.5km az=81.0.

(377) Spain

ISC II 24 06 50 40.3-51 42.81N-03 7.21W-03 17-3 67 0-6
 ISCJB II 24 06 50 38.7-44 42.79N-03 7.12W-03 8-4 2.8
 MDD II 24 06 50 40.9-25 42.82N 7.23W 10 3.0L
 CSEM II 24 06 50 40.7-08 42.82N 7.19W 10 3.0L
 INMG II 24 06 50 40.9-1.2 42.81N 7.23W 10-3 2.6L

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=4.5km s-min=3.3km az=115.9.
 MDD Event type fe. Error ellipse: s-maj=3.3km s-min=2.1km az=90.0. EMS: III AS NOGAIS. II-III TRIACASTELA SAMOS BECERRE LU II SARRIA BARALLA PEDRAFITA DO CEBREIRO II O INCIO SEOANE I A POBRA DE SAN N PRXIMO.

CSEM Event type ke. Error ellipse: s-maj=1.8km s-min=1.6km az=175.0.
 INMG Event type ke. Error ellipse: s-maj=2.1km s-min=1.6km az=83.0.

(224) Hokkaido region

ISC II 24 08 51 51.4-49 41.54N-03 140.69E-05 12-4 3.4b 18 0-61
 NIED II 24 08 51 51 41.60N 140.70E 17 3.3W
 ISCJB II 24 08 51 51.1-61 41.55N-03 140.70E 14-4 3.4b
 JMA II 24 08 51 51.3 41.55N 140.70E 16-1 3.6
 IDC II 24 08 51 55.1-2.8 41.47N 140.46E 42-29 3.6s,3.6

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:351.00000°,λ:139.00000°. NP2:φ:103.00000°,λ:54.00000°. M:8.99000x10¹³

ISCJB Event type fe. Error ellipse: s-maj=6.2km s-min=5.3km az=167.1.
 JMA Event type fe.
 IDC Error ellipse: s-maj=37.9km s-min=20.2km az=117.0.

(363) Greece-Bulgaria border region

ISC II 24 10 36 40.9-41 41.73N-02 25.44E-03 2-4 55 0-5
 SOF II 24 10 36 39.8 41.72N 25.47E 20 3.1
 ISCJB II 24 10 36 40.1-33 41.75N-02 25.43E-03 2 3.1
 CSEM II 24 10 36 40.3-06 41.77N 25.51E 2 3.1
 THE II 24 10 36 41.7 41.72N 25.55E 10 3.2L
 NEIC II 24 10 36 41.7 41.64N 25.41E 25 3.3,3.1
 ATH II 24 10 36 41.7 41.64N 25.41E 25-1 3.3,3.1
 SKO II 24 10 36 42.5 41.77N 25.41E 0 3.3,3.1

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=3.4km s-min=2.7km az=174.1.
 CSEM Event type ke. Error ellipse: s-maj=1.4km s-min=1.2km az=163.0.
 NEIC Event type fe. Felt at Kurdzhali. After ATH.
 ATH Error ellipse: s-maj=2.1km s-min=1.1km az=1.0.

(227) Eastern Honshu

ISC II 24 11 42 21.3-75 39.86N-04 141.8E-10 72-4 3.2b 24 0-64
 ISCJB II 24 11 42 20.2-77 39.86N-04 141.8E-10 78-4 3.2b
 JMA II 24 11 42 21.6 39.87N 141.75E 70-1 3.3
 IDC II 24 11 42 46.0-23 38.61N 138.77E 212-71 3.1,2.9

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=13.4km s-min=6.5km az=161.6.
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:340.00000°,λ:85.00000°. NP2:φ:182.00000°,λ:92.00000°. Principal axes: T Plg50.0000°,AzM94.0000°; N Plg2.0000°,AzM2.0000°; P Plg40.0000°,AzM270.0000°

IDC Error ellipse: s-maj=578.6km s-min=23.1km az=60.0.

(43) Southern California

NEIC II 24 19 58 32.6 34.42N 119.06W 15 3.1L
 ¶10539489

NEIC Event type fe. Felt [III] at Fillmore, Santa Paula and Simi Valley; [II] at Camarillo, Newbury Park and Ventura. After PAS.

(221) Kuril Islands

ISC II 24 23 01 43.0-73 43.65N-05 146.40E-09 81-5 3.7b 54 1-78
 NIED II 24 23 01 00 43.60N 146.40E 74 3.8W
 ISCJB II 24 23 01 42.0-72 43.65N-05 146.42E-09 86-5 3.7b
 MOS II 24 23 01 42.0-1.5 43.62N 146.32E 90 3.9b
 JMA II 24 23 01 43.7-10 43.58N 146.40E 73-1 4.2
 SKHL II 24 23 01 43.5-60 43.59N 146.29E 60-7 5.3b
 NEIC II 24 23 01 43.8-1.0 43.64N 146.21E 85-8 3.7b
 IDC II 24 23 01 46.9-2.9 43.72N 146.14E 110-25 3.9,3.7

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:220.00000°,λ:112.00000°. NP2:φ:314.00000°,λ:22.00000°. M:6.33000x10¹⁴

ISCJB Event type fe. Error ellipse: s-maj=10.7km s-min=8.3km az=42.4.
 MOS Error ellipse: s-maj=19.0km s-min=12.7km az=113.2.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.6km az=1.0.
 NEIC Event type fe. Error ellipse: s-maj=15.4km s-min=11.8km az=107.0. Recorded [1 JMA] in eastern Hokkaido.

IDC Error ellipse: s-maj=19.5km s-min=16.3km az=93.0.

(238) Ryukyu Islands

ISC II 25 01 03 10.0-1.2 29.55N-04 130.14E-08 17-7 3.9b 34 0-75
 NIED II 25 01 03 00 29.60N 130.20E 8 4.2W
 JMA II 25 01 03 09.8-10 29.57N 130.17E 23-3 4.2
 ISCJB II 25 01 03 09.4-84 29.54N-03 130.17E-07 24-6 3.9b
 NEIC II 25 01 03 09.8 29.57N 130.17E 23 3.9b
 BJI II 25 01 03 10.1 28.89N 130.04E 23 4.7b,3.9b
 IDC II 25 01 03 13.3-2.1 29.58N 130.07E 40-20 3.9,3.9

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:295.00000°,λ:79.00000°. NP2:φ:97.00000°,λ:104.00000°. M:2.22000x10¹⁵

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.9km az=1.0.
 ISCJB Event type fe. Error ellipse: s-maj=11.4km s-min=4.2km az=41.3.
 NEIC Event type se. After JMA.
 IDC Error ellipse: s-maj=23.0km s-min=11.5km az=104.0.

(470) Southern Ontario

ISC II 25 01 39 21.5-27 45.67N-01 75.27W-01 18-1 4.1b 286 0-148
 ISCJB II 25 01 39 18.9-15 45.74N-01 75.32W-01 10 4.1b
 IDC II 25 01 39 21.6-2.2 45.55N 75.29W 14-13 3.9,3.8
 NEIC II 25 01 39 22.0 45.66N 75.23W 18 4.5,4.0L
 OTT II 25 01 39 22.4-03 45.66N 75.24W 18-0 4.5,4.0L
 BJI II 25 01 39 22.0 45.70N 75.20W 18 5.2b,4.9s

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=1.7km s-min=1.4km az=164.7.
 IDC Error ellipse: s-maj=19.9km s-min=11.5km az=169.0.
 NEIC Event type fe. Felt [IV] at Rockland and Embury; [III] at Kanata, Osgoode and Ottawa, Ontario. Also felt at Arnprior, Cornwall, Hawkesbury, Kingston and Prescott. Felt [III] at Buckingham and Rigaud and [II] at Montreal, Quebec. Also felt at Lachute, Maniwaki, Papineauville, Saint-Jerome, Saint-Jovite, Shawville, and Thurso. Felt [IV] at Elizabethtown; [III] at Canton, Ogdensburg and Waddington; [II] at Alexandria Bay, Massena, Potsdam and Vermontville, New York. Also felt at Boonville, Carthage, Cicero, Colton, Dexter, Glenfield, Henderson, Herkimer, Lake Placid, Lisbon, Madrid, Nicholville, Norfolk, Norwood, Parishville, Plattsburgh and Rensselaer Falls. Felt [III] at Burlington, Vermont and [II] at Warren, New Hampshire. Also felt at Concord, Vermont. After OTT.

OTT Event type fe. 7km northeast from Thurso, Qc. Felt. Western Quebec Seismic Zone.

(159) North Island

WEL II 25 09 45 25.3-18 38.58S 177.88E 24-1 3.5L
 ¶1985542

WEL Event type fe. Error ellipse: s-maj=1.9km s-min=1.6km az=90.0. Felt in the Gisborne region, maximum reported intensity MM 4.

(377) Spain

ISC II 25 12 26 28.2-33 38.30N-02 1.40W-02 9-2 239 0-10
 ISCJB II 25 12 26 26.6-36 38.42N-02 1.50W-02 2-2
 SFS II 25 12 26 28.0 38.25N 1.30W 6 3.0L
 NEIC II 25 12 26 28.9 38.25N 1.30W 6 3.0
 INMG II 25 12 26 28.8-1.2 38.22N 1.39W 8-2 3.2L
 MDD II 25 12 26 28.8-18 38.25N 1.33W 0 3.1
 CSEM II 25 12 26 29.4-07 38.23N 1.35W 10 3.4L
 LDG II 25 12 26 30.0-21 38.23N 1.36W 10-0 3.5L

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=3.5km s-min=2.2km az=119.6.
 NEIC Event type se. After MDD.
 INMG Event type ke. Error ellipse: s-maj=2.1km s-min=1.6km az=150.0.

MDD Event type fe. Error ellipse: s-maj=2.4km s-min=1.3km az=77.0. EMS: III ESTACION DE BLANCA. PRXIMO II-III N BLANCA CIEZA ULEA II MOLINA DE SEGURA RICOTE I ARCHENA FORTUNA LORQU.MU.

CSEM Event type ke. Error ellipse: s-maj=1.7km s-min=1.1km az=146.0.
 LDG Event type ke. Error ellipse: s-maj=5.9km s-min=2.5km az=135.0.

(116) Central Peru

ISC II 26 00 51 41.9-31 12.46S-05 74.97W-06 38 4.6b,4.4s 64 2-167
 ISCJB II 26 00 51 39.7-31 12.41S-05 74.92W-05 36 4.6b,4.4s
 NEIC II 26 00 51 41.4-25 12.47S 75.02W 36 4.8b,4.4s
 BJI II 26 00 51 41.3 12.50S 75.00W 36 5.5b,5.2s
 IDC II 26 00 51 44.2-3.6 12.38S 74.90W 61-32 4.4,4.2

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=9.3km s-min=5.7km az=85.3.
 NEIC Event type fe. Error ellipse: s-maj=9.9km s-min=5.3km az=57.0. Felt [V] at Nuevo Occoro.
 IDC Error ellipse: s-maj=25.6km s-min=15.5km az=67.0.

(116) Central Peru

ISC II 26 07 11 51.8-4.9 12.2S-10 74.96W-08 9-34 3.8b 9 2-144
 ISCJB II 26 07 11 49.8-4.4 12.1S-10 74.87W-08 8-30 3.8b
 NEIC II 26 07 11 52.5-5.1 12.17S 74.98W 19-36 3.8L
 IDC II 26 07 11 54.2-9.3 12.43S 75.07W 35-66 3.7,3.7b

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=23.5km s-min=11.5km az=27.1.
 NEIC Event type fe. Error ellipse: s-maj=26.9km s-min=12.1km az=210.0. Felt [III] at Nuevo Occoro.
 IDC Error ellipse: s-maj=79.0km s-min=33.1km az=56.0.

(2) Southern Alaska

NEIC II 26 08 47 31.2 59.51N 153.05W 10 3.5L,3.4L
 ¶18193172

NEIC Event type fe. Felt at Homer. After AEIC.

(228) Near east coast of eastern Honshu

ISC II 26 09 11 08.3-45 40.51N-03 142.38E-06 89-3 4.1b 72 1-80
 NAO II 26 09 10 49.8 38.07N 142.03E 33 3.9b
 NIED II 26 09 11 00 40.50N 142.40E 35 3.9W
 ISCJB II 26 09 11 07.2-47 40.48N-03 142.38E-07 95-3 4.1b
 MOS II 26 09 11 07.6-85 40.56N 142.27E 91 4.2b
 BJI II 26 09 11 07.3 40.21N 142.07E 93 5.0b,4.6b
 IDC II 26 09 11 07.0-3.0 40.38N 142.23E 74-28 4.1,3.9
 JMA II 26 09 11 08.8-10 40.48N 142.40E 80-1 4.0,3.9
 NEIC II 26 09 11 09.6-81 40.48N 142.30E 99-7 4.4b,3.9

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:13.00000°,λ:135.00000°. NP2:φ:116.00000°,λ:46.00000°. M:6.94000x10¹⁴

ISCJB Event type fe. Error ellipse: s-maj=8.7km s-min=5.0km az=35.2.
 MOS Error ellipse: s-maj=12.7km s-min=6.8km az=90.7.
 IDC Error ellipse: s-maj=23.0km s-min=13.7km az=83.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=1.0.
 NEIC Event type fe. Error ellipse: s-maj=10.7km s-min=6.6km az=96.0. Recorded [2 JMA] in Aomori and Iwate; [1 JMA] in Miyagi Prefectures.

(546) Austria

ISC II 26 15 30 42.5-17 47.227N-01 10.89E-01 5-1 425 0-8
 ISCJB II 26 15 30 41.5-14 47.18N-01 10.89E-01 12
 ZUR II 26 15 30 42.7 47.15N 10.89E 10-0 3.2L
 VIE II 26 15 30 42.2-33 47.15N 10.92E 12-5 3.6L,2.4b
 BGR II 26 15 30 43.3-35 47.22N 10.87E 10 3.3L,2.4b
 PRU II 26 15 30 43.1 47.26N 10.93E 0 3.3L,2.4b
 NEIC II 26 15 30 43.2-30 47.22N 10.95E 10 3.6L,3.4L
 CSEM II 26 15 30 43.1-03 47.14N 10.94E 12 3.5L,3.4L
 LDG II 26 15 30 43.4-10 47.29N 10.96E 10-0 3.4L,3.4L
 LEDBW II 26 15 30 44.9-2.1 47.29N 10.93E 10-0 3.2L,3.4L
 ROM II 26 15 30 44.7-57 47.09N 10.90E 10-0 3.1,2.8L
 STR II 26 15 30 47.7-32 47.21N 10.58E 10-1 3.0L,2.8L

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=1.6km s-min=1.1km az=40.7.
 VIE Event type fe. Error ellipse: s-maj=3.1km s-min=1.3km az=172.0. 1 km WNW of Umhausen. felt 4 EMS98 at Umhausen / TYROL.

BGR Event type ke. Error ellipse: s-maj=4.4km s-min=3.3km az=37.0.
 NEIC Event type fe. Error ellipse: s-maj=4.8km s-min=3.4km az=201.0. Felt [V] in the Umhausen area.

CSEM Event type ke. Error ellipse: s-maj=0.9km s-min=0.6km az=21.0.
 LDG Event type ke. Error ellipse: s-maj=3.3km s-min=1.9km az=18.0.
 LEDBW Error ellipse: s-maj=54.0km s-min=26.0km az=129.0.
 ROM Event type ke. Error ellipse: s-maj=7.5km s-min=3.7km az=163.0.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.

(706) Northern Sumatera

ISC II 26 21 32 50.0-20 5.55N-03 94.64E-02 33 5.2b,4.4s 386 5-165
 SZGRF II 26 21 32 45.1 5.54N 95.91E 33 5.1b,4.4s
 ISCJB II 26 21 32 47.6-20 5.52N-03 94.66E-02 31 5.2b,4.4s
 BJI II 26 21 32 48.1 5.52N 94.61E 49 5.3b,5.3b
 HRVD II 26 21 32 49.3-30 5.27N 94.59E 54-1 5.2W,5.3b
 NEIC II 26 21 32 49.3-17 5.61N 94.69N 30 5.2b,5.3b
 MOS II 26 21 32 50.0-84 5.65N 94.77E 51 5.5b,5.3b
 IDC II 26 21 32 53.0-1.5 5.49N 94.75E 67-13 5.0,4.7
 NAO II 26 21 33 20.4 10.34N 91.23E 33 4.9b,4.7

ISC Event type fe.
 SZGRF Northern Sumatera, Indonesia.
 ISCJB Event type fe. Error ellipse: s-maj=5.0km s-min=3.4km az=22.0.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s73.c113; Mantle waves: s87.c149; Half duration: 0 Moment tensor: Scale 10¹⁶N/m; M₁=5.23±2.2 M₂=2.08±1.6; M₃=3.15±1.8; M₁φ:62.67±12; M₂φ:63.63±14; M₃φ:1.94±15; Best double couple: NP1:φ:328.00000°,λ:31.00000°. NP2:φ:131.00000°,λ:360.00000°. Principal axes: T 6.1700,Plg73.0000°,AzM19.0000°. N 0.9550,Plg8.0000°,AzM136.0000°; P -7.1250,Plg15.0000°,AzM228.0000°. M:6.64700x10¹⁶

NEIC Event type fe. Error ellipse: s-maj=6.0km s-min=4.0km az=211.0. Felt [III] at Banda Aceh.
 MOS Error ellipse: s-maj=9.4km s-min=4.4km az=121.9.
 IDC Error ellipse: s-maj=15.0km s-min=8.0km az=44.0.

(385) Strait of Gibraltar

MDD II 26 23 22 56.4-18 36.84N 4.90W 20-3 2.5
 SFS II 26 23 22 56.0 36.86N 4.91W 18 2.3L
 CSEM II 26 23 22 56.1-06 36.93N 4.90W 2 3.2L
 INMG II 26 23 22 56.8-1.6 36.89N 4.92W 10-0 2.5L
 MDD Event type fe. Error ellipse: s-maj=3.0km s-min=1.8km az=176.0. EMS: II ARDALES. PRXIMO.

CSEM Event type ke. Error ellipse: s-maj=1.7km s-min=1.1km az=164.0.
 INMG Event type ke. Error ellipse: s-maj=4.1km s-min=2.6km az=143.0.

(385) Strait of Gibraltar

MDD II 26 23 30 17.6-17 36.87N 4.94W 16-3 3.1
 IGIL II 26 23 30 16.6 36.90N 4.90W 10 2.2L
 NEIC II 26 23 30 17.4 36.90N 4.95W 10 3.2
 SFS II 26 23 30 17.0 36.90N 4.95W 10 3.2L
 CSEM II 26 23 30 17.5-06 36.98N 4.97W 5 3.6L
 INMG II 26 23 30 17.7-1.6 36.88N 4.87W 11-6 3.2L

MDD Event type fe. Error ellipse: s-maj=2.7km s-min=1.8km az=167.0. EMS: III ARDALES. PRXIMO II-III CAETE LA REAL CUEVAS DEL BECERRO II TEBAL EL BURGO.
 NEIC Event type fe. Felt [III] at Canete la Real and Cuevas del Becerro; [II] at Burgo and Malaga, Spain. After MDD.

CSEM Event type ke. Error ellipse: s-maj=1.7km s-min=1.1km az=175.0.
 INMG Event type ke. Error ellipse: s-maj=3.0km s-min=2.4km az=130.0.

(385) Strait of Gibraltar

MDD II 26 23 35 01.0-18 36.85N 4.91W 20-2 2.5
 SFS II 26 23 35 01.0 36.84N 4.94W 19 2.5L
 CSEM II 26 23 35 01.0-08 37.00N 4.95W 5 3.2L
 NEIC II 26 23 35 01.1 36.84N 4.94W 20 2.5
 INMG II 26 23 35 01.3-1.6 36.88N 4.89W 0-0 2.6L

MDD Event type fe. Error ellipse: s-maj=2.9km s-min=1.9km az=5.0. EMS: II ARDALES. PRXIMO.
 CSEM Event type ke. Error ellipse: s-maj=2.4km s-min=1.3km az=175.0.
 NEIC Event type se. After MDD.
 INMG Event type ke. Error ellipse: s-maj=4.5km s-min=2.8km az=122.0.

(385) Strait of Gibraltar

MDD II 26 23 44 05.7-18 36.87N 4.93W 16-4 2.7

NEIC Event type fe. Error ellipse: s-maj=7.5km s-min=4.4km az=221.0. Felt [III] at Tacna and [II] at Arequipa, Peru. Also felt [II] at Arica, Chile.

MOS Error ellipse: s-maj=12.2km s-min=7.3km az=112.3.

Table with columns: ISC, ISCJB, SOF, IDC, ATH, MOS, CSEM, THE, NEIC, SKO. Rows include event details like '02 04 52 43.5-38' and '39.93N-02 24.04E-02'.

ISC Event type fe. Error ellipse: s-maj=2.6km s-min=2.4km az=168.1. IDC Error ellipse: s-maj=20.3km s-min=14.7km az=110.0.

(246) Southwestern Ryukyu Islands

Table with columns: ISC, NIED, ISCJB, NEIC, IDC, JMA. Rows include event details like '02 11 37 37.6-38' and '25.00N-09 125.32E-06'.

ISC Event type fe. Moment Tensor Solution. Best double couple: NP1:phi=60.000000, delta=89.000000, lambda=103.000000.

ISCJB Event type fe. Error ellipse: s-maj=18.0km s-min=3.8km az=124.3.

NEIC Event type se. After JMA.

IDC Error ellipse: s-maj=26.0km s-min=17.5km az=58.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.

(218) Near east coast of Kamchatka Peninsula

Table with columns: ISC, MOS, BJI, ISCJB, IDC, NEIC, HRVD, KRSC, SZGRF. Rows include event details like '02 11 41 19.2-20' and '52.33N-03 158.87E-04'.

ISC Event type fe. Error ellipse: s-maj=9.8km s-min=5.4km az=94.8. Felt (II-III) at Petropavlovsk-Kamchatskii. Moment Tensor Solution.

ISCJB Event type fe. Error ellipse: s-maj=4.1km s-min=2.9km az=77.1.

IDC Error ellipse: s-maj=14.2km s-min=11.6km az=152.0.

NEIC Event type fe. Error ellipse: s-maj=5.6km s-min=3.9km az=168.0. Felt [III] at Petropavlovsk-Kamchatskii.

HRVD Error ellipse: s-maj=6.7km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

KRSC Event type se. Kamchatka Peninsula, Russia.

SZGRF (266) Northern Molucca Sea

Table with columns: ISC, MOS, IDC, BJI, NEIC, ISCJB, ISC. Rows include event details like '02 12 25 49.8-1.9' and '0.41N-05 126.6E-10'.

ISC Event type fe. Error ellipse: s-maj=9.6km s-min=4.5km az=2.7.

ISCJB Event type fe. Error ellipse: s-maj=14.2km s-min=7.2km az=88.0. Felt [IV] at La Union; [III] at Corral, Los Lagos, Panguipulli, Valdivia and Villarica; [II] at Temuco.

NEIC Error ellipse: s-maj=3.8km s-min=17.6km az=-1.0.

GUC Error ellipse: s-maj=40.5km s-min=13.3km az=80.0.

IDC (159) North Island

Table with columns: ISC, IDC, ISCJB, NEIC, WEL. Rows include event details like '02 13 24 57.2-40' and '39.57S-02 174.93E-05'.

ISC Event type fe. Error ellipse: s-maj=30.3km s-min=9.8km az=133.0.

ISCJB Event type fe. Error ellipse: s-maj=6.2km s-min=3.7km az=42.0.

NEIC Event type fe. Felt at Wanganui. After WEL.

WEL Event type fe. Error ellipse: s-maj=1.0km s-min=0.7km az=90.0. Felt from Wanganui to Manawatu, maximum reported intensity MM 4.

(237) Southeast of Shikoku

Table with columns: ISC, NIED, JMA, ISCJB, MOS, BJI, NEIC, IDC, ISC. Rows include event details like '02 13 25 14.4-35' and '33.10N-03 136.83E-03'.

ISC Event type fe. Error ellipse: s-maj=9.6km s-min=4.4km az=2.7.

ISCJB Event type fe. Error ellipse: s-maj=11.2km s-min=7.3km az=78.0.

TRN Event type fe. Felt [III] in British Virgin Islands. FMAG=4.5 (PR).

ISCJB Event type fe. Error ellipse: s-maj=4.1km s-min=2.9km az=26.9.

SZGRF Leeward Islands.

HRVD Error ellipse: s-maj=3.3km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s34,c51; Mantle waves: s64,c98; Half duration: 0 Moment tensor: Scale 10^16

Nm; Mr:1.37e+15; M0:0.49e+09; M1:0.88e+08; M2:0.28e+07; M3:0.77e+07; M4:0.45e+06;

Best double couple: NP1:phi=220.000000, delta=335.000000, lambda=94.000000. NP2:phi=35.000000,

delta=85.000000, lambda=87.000000. Principal axes: T 1.4670, Plg80.0000, Azm294.0000;

N 0.1080, Plg2.0000, Azm37.0000; P -1.5760, Plg10.0000, Azm127.0000

M0.52100x10^16

ISC Event type fe. Error ellipse: s-maj=11.9km s-min=6.3km az=136.9.

RSPR Event type ke. Felt in the British Virgin Islands. After RSPR.

NEIC Error ellipse: s-maj=12.0km s-min=7.5km az=16.0.

IDC (662) Sakhalin Island

Table with columns: ISC, JMA, ISCJB, SKHL, JMA, ISCJB, ISC, BJI, ISCJB, IDC, NEIC, ISC. Rows include event details like '03 15 27 17.6-57' and '47.14N-03 142.21E-10'.

ISC Event type fe. Error ellipse: s-maj=12.6km s-min=6.2km az=91.0.

ISCJB Event type fe. Error ellipse: s-maj=4.1km s-min=2.9km az=152.3.

IDC Error ellipse: s-maj=12.8km s-min=10.4km az=8.0.

NEIC Event type fe. Felt [III] at Anchorage, Chugiak, Eagle River, Homer and Palmer; [II] at Kenai and Kodiak. Also felt at Elmendorf AFB, Kaslof, Pedro Bay, Soldotna, Sterling, Valdez and Wasilla. After AEIC.

(441) Ontario

OTT III 02 13 10.5-06 49.51N 81.54W 12 3.4

NEIC III 02 13 10.7 49.52N 81.58W 18 3.4

OTT Event type fe. 65km east from Kapuskasing, Ontario Felt Eastern Background Seismic Zone.

NEIC Event type fe. Felt at Smooth Rock Falls, Moonbeam and Fauquier. After OTT.

(76) Off coast of central America

Table with columns: ISC, ISCJB, SZGRF, CASC, IDC, MOS, HRVD, BJI. Rows include event details like '04 08 11 37.2-20' and '12.56N-03 89.43W-02'.

MOS Error ellipse: s-maj=17.5km s-min=11.4km az=75.5.

NEIC Event type se. Error ellipse: s-maj=11.0km s-min=7.8km az=155.0.

Table with columns: ISC, NIED, IDC, BJI, MOS, ISCJB, JMA, NEIC, ISC, NIED. Rows include event details like '02 15 52 34.2-84' and '38.75N-04 142.20E-08'.

ISC Event type se. Moment Tensor Solution. Best double couple: NP1:phi=222.000000, delta=89.000000, lambda=107.000000.

NP2:phi=131.000000, delta=17.000000, lambda=2.000000. M0:1.75000x10^15

Error ellipse: s-maj=26.3km s-min=18.9km az=80.0.

ISCJB Event type fe. Error ellipse: s-maj=11.7km s-min=7.9km az=100.2.

JMA Event type fe. Error ellipse: s-maj=10.9km s-min=5.5km az=48.0.

NEIC Event type fe. Error ellipse: s-maj=14.2km s-min=8.8km az=110.0. Recorded [1 JMA] in Iwate and Miyagi Prefectures. Moment Tensor Solution. M0:1.80000x10^15

(163) Cook Strait

Table with columns: WEL, NEIC, WEL. Rows include event details like '02 23 12 15.0-09' and '41.72S 174.65E 28-0 3.9L'.

WEL Event type fe. Error ellipse: s-maj=0.7km s-min=0.7km az=0.0. Felt in the Wellington region,

maximum reported intensity MM 4.

NEIC Event type fe. Felt at Wellington. After WEL.

(92) Leeward Islands

Table with columns: ISC, LDG, TRN, BJI, RSPR, HRVD, NEIC, ISCJB, MOS, IDC, SZGRF. Rows include event details like '02 23 35 47.2-09' and '19.16N-01 63.99W-01'.

ISC Event type fe. Error ellipse: s-maj=11.5km s-min=7.7km az=80.0.

TRN Event type fe. Felt (IV) in USVI, BVI and eastern PR. FMAG=5.3 (PR).

RSPR Event type ke.

HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s51,c95; Mantle waves: s45,c83; Half duration: 16 Moment tensor: Scale 10^17Nm;

M0:1.54e+07; M1:0.137e+05; M2:0.16e+06; M3:0.265e+23; M4:0.61e+04; M5:1.13e+15;

Best double couple: NP1:phi=112.000000, delta=414.000000, lambda=89.000000. NP2:phi=293.000000,

delta=76.000000, lambda=90.000000. Principal axes: T 3.2440, Plg59.0000, Azm203.0000;

N 0.0900, Plg0.0000, Azm113.0000; P -3.3300, Plg31.0000, Azm23.0000

M0:3.28700x10^17

NEIC Event type fe. Felt [III] on Saint Thomas, U.S. Virgin Islands. Also felt on Saint John, in the British Virgin Islands and in eastern Puerto Rico. After RSPR.

ISCJB Event type fe. Error ellipse: s-maj=1.9km s-min=1.7km az=155.6.

MOS Error ellipse: s-maj=4.9km s-min=3.4km az=48.6.

IDC Error ellipse: s-maj=8.7km s-min=6.7km az=149.0.

SZGRF North Atlantic Ocean.

(35) Near coast of northern California

Table with columns: ISC, ISCJB, NEIC, IDC, ISC, ISCJB, NEIC. Rows include event details like '03 12 49 51.3-80' and '38.98N-05 123.12W-10'.

ISC Event type fe. Error ellipse: s-maj=13.5km s-min=5.5km az=127.6.

ISCJB Event type fe. Felt [IV] at Hopland and Lakeport; [III] at Boonville, Nice, Redwood Valley and Ukiah; [II] at Witter Springs. Felt at Cloverdale, Elk, Guialala, Kelseyville, Lucerne, San Francisco, The Sea Ranch, Upper Lake and Yorkville. After NCEDC.

IDC Error ellipse: s-maj=28.9km s-min=7.6km az=50.0.

(92) Leeward Islands

Table with columns: ISC, LDG, TRN, ISCJB, SZGRF, HRVD, MOS, RSPR, NEIC, BJI, IDC, ISC. Rows include event details like '03 13 09 32.0-91' and '19.17N-02 63.98W-02'.

ISC Event type fe. Error ellipse: s-maj=11.2km s-min=7.3km az=78.0.

TRN Event type fe. Felt [III] in British Virgin Islands. FMAG=4.5 (PR).

ISCJB Event type fe. Error ellipse: s-maj=4.1km s-min=2.9km az=26.9.

SZGRF Leeward Islands.

HRVD Error ellipse: s-maj=3.3km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s34,c51; Mantle waves: s64,c98; Half duration: 0 Moment tensor: Scale 10^16

Nm; Mr:1.37e+15; M0:0.139e+10; M1:0.02e+11; M2:0.474e+89; M3:0.72e+08; M4:2.61e+58;

Best double couple: NP1:phi=104.000000, delta=88.000000, lambda=75.000000. NP2:phi=299.000000,

delta=82.000000, lambda=92.000000. Principal axes: T 5.4740, Plg53.0000, Azm211.0000;

N 0.3020, Plg2.0000, Azm118.0000; P -5.7750, Plg37.0000, Azm27.0000

M0:6.2400x10^16

ISC Event type fe. Error ellipse: s-maj=11.9km s-min=6.3km az=136.9.

RSPR Event type ke.

NEIC Event type fe. Felt in the British Virgin Islands. After RSPR.

IDC Error ellipse: s-maj=12.0km s-min=7.5km az=16.0.

(662) Sakhalin Island

Table with columns: ISC, JMA, ISCJB, SKHL, JMA, ISCJB, ISC, BJI, ISCJB, IDC, NEIC, ISC. Rows include event details like '03 15 27 17.6-57' and '47.14N-03 142.21E-10'.

ISC Event type fe. Error ellipse: s-maj=9.4km s-min=3.3km az=164.0.

(2) Southern Alaska

Table with columns: ISC, MOS, BJI, ISCJB, IDC, NEIC, ISC. Rows include event details like '03 23 11 32.7-20' and '59.87N-03 153.12W-04'.

ISC Event type fe. Error ellipse: s-maj=12.6km s-min=6.2km az=91.0.

ISCJB Event type fe. Error ellipse: s-maj=4.1km s-min=2.9km az=152.3.

IDC Error ellipse: s-maj=12.8km s-min=10.4km az=8.0.

NEIC Event type fe. Felt [III] at Anchorage, Chugiak, Eagle River, Homer and Palmer; [II] at Kenai and Kodiak. Also felt at Elmendorf AFB, Kaslof, Pedro Bay, Soldotna, Sterling, Valdez and Wasilla. After AEIC.

(441) Ontario

OTT III 02 13 10.5-06 49.51N 81.54W 12 3.4

NEIC III 02 13 10.7 49.52N 81.58W 18 3.4

OTT Event type fe. 65km east from Kapuskasing, Ontario Felt Eastern Background Seismic Zone.

NEIC Event type fe. Felt at Smooth Rock Falls, Moonbeam and Fauquier. After OTT.

(76) Off coast of central America

Table with columns: ISC, ISCJB, SZGRF, CASC, IDC, MOS, HRVD, BJI. Rows include event details like '04 08 11 37.2-20' and '12.56N-03 89.43W-02'.

NEIC	III	04 08 11 37.0-19	12.60N	89.36W	28	5.7W,5.5			
ISC	Event type fe. Error ellipse: s-maj=4.5km s-min=2.0km az=60.0.								
ISCB	Off coast of central America.								
SZGRF	Error ellipse: s-maj=8.6km s-min=6.4km az=-1.0.								
CASC	Error ellipse: s-maj=18.6km s-min=10.1km az=64.0.								
IDC	Error ellipse: s-maj=11.3km s-min=4.8km az=110.4.								
MOS	Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0. nsta1 refers to body waves, cutoff=40s.								
HRVD	nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s28,c146; Mantle waves: s99,c206; Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.87±.02 M _{ww} :0.69±.01; M _{ww} :0.18±.02; Mr:1.05±.04; Mw:0.32±.01; Mw:0.66±.05; Best double couple: NP1:φ=291.00000°; δ18.00000°; λ81.00000°; NP2:φ=121.00000°; δ73.00000°; λ93.00000°; Principal axes: T 1.5240,P1g2.0000°,Az3m3.0000°; N -0.0330,P1g3.0000°,Az3m3.0000°; P -1.4910,P1g28.0000°,Az3m208.0000°; Ms1.50700×10 ¹⁷								
NEIC	Event type fe. Error ellipse: s-maj=6.0km s-min=3.0km az=51.0. Felt [II] at San Salvador. Also felt at Antiguo Escuatlan, La Libertad and Texistepeque. Moment Tensor Solution. s21 Moment tensor: Scale 10 ¹⁷ Nm; Mr:2.86 M _{ww} :1.01 M _{ww} :1.84 M _{ww} :2.35 M _{ww} :1.33 M _{ww} :3.26 Best double couple: NP1:φ=144.00000°; δ72.00000°; λ90.00000°; NP2:φ=323.00000°; δ18.00000°; λ89.00000°; Principal axes: T 4.9400,P1g63.0000°,Az3m55.0000°; N -0.0300,P1g0.0000°,Az3m324.0000°; P -4.9100,P1g27.0000°,Az3m234.0000°; Ms4.90000×10 ¹⁷								
(259) Mindanao									
MAN	III	04 11 42 11.2	9.81N	125.48E	28	4.1L,2.7b			
MAN	Event type fe. F SURIGAO CITY - INTENSITY II.								
(249) Luzon									
ISC	III	04 11 53 02.5-85	12.29N-03	123.84E-04	8-6	3.9b,3.6s	42	0-94	
IDC	III	04 11 53 01.3-1.0	12.29N	124.16E	0	4.5L,4.1			¶10597171
MAN	III	04 11 53 01.9	12.25N	123.83E	3	4.8L,3.6b			
ISCB	III	04 11 53 02.2-82	12.28N-03	123.84E-04	12-6	3.9b,3.6s			
NEIC	III	04 11 53 06.8-4.7	12.23N	124.05E	38-45	4.1b,3.6s			
ISC	Event type fe. Error ellipse: s-maj=60.2km s-min=18.0km az=65.0.								
IDC	Event type fe. F DIMASALANG MASBATE - INTENSITY III.								
MAN	Event type se. Error ellipse: s-maj=74.6km s-min=11.8km az=67.0.								
ISCB									
NEIC									
(159) North Island									
ISC	III	04 15 14 27.3-26	39.31S-02	175.86E-03	76-2	4.3b	186	0-153	
IDC	III	04 15 14 25.8-1.2	39.39S	175.82E	62-13	4.1,4.0			¶10597284
ISCB	III	04 15 14 26.5-26	39.31S-02	175.85E-03	81-2	4.3b,4.0			
WEL	III	04 15 14 28.5-09	39.24S	175.87E	68-0	4.9L,4.0			
NEIC	III	04 15 14 28.5	39.24S	175.87E	68	4.8L,4.6b			
ISC	Event type fe. Error ellipse: s-maj=29.0km s-min=9.9km az=133.0.								
IDC	Event type fe. Error ellipse: s-maj=4.7km s-min=3.2km az=50.6.								
ISCB	Event type fe. Error ellipse: s-maj=0.8km s-min=0.6km az=90.0. Felt from King Country to Manawatu, and from Wanganui to Hawke's Bay, maximum reported intensity MM 4.								
WEL	Event type fe. Felt in the Waiouru-Taihape area. After WEL.								
NEIC									
(32) Oregon									
ISC	III	04 17 38 47.7-73	44.74N-03	123.80W-07	32-5	2.7b	67	0-24	
IDC	III	04 17 38 45.4-1.8	44.94N	123.32W	0	3.5,3.4L			¶10597338
ISCB	III	04 17 38 47.2-54	44.75N-03	123.78W-08	48-7	2.7b,3.4L			
PNSN	III	04 17 38 47.1	44.75N	123.73W	43	3.3,3.4L			
NEIC	III	04 17 38 47.1	44.75N	123.73W	44	3.2,3.4L			
ISC	Event type fe. Error ellipse: s-maj=35.1km s-min=18.3km az=64.0.								
IDC	Event type fe. Error ellipse: s-maj=9.4km s-min=4.3km az=9.8.								
ISCB	Moment Tensor Solution. NP1:φ=40.00000°; δ85.00000°; λ220.00000°; δ5.00000°; Principal axes: T P1g50.0000°,Az3m10.0000°; P P1g40.0000°,Az3m10.0000°								
PNSN	Event type fe. Felt [III] at Corvallis, Dallas, Falls City, Grand Ronde, Otis, Philomath, Siletz and Toledo; [II] at Albany, Lincoln City, Newport and Salem. Also felt at Alsea, Blodgett, Cloverdale, Eddyville, Florence, Junction City, Logsdon, Portland and Silverton. After SEA.								
(230) Near south coast of eastern Honshu									
ISC	III	04 18 38 15.3-12	33.82N-02	137.47E-02	340	5.2b	877	0-161	
ORF	III	04 18 37 26.2	30.80N	139.05E	30	5.7b			¶10597364
NIED	III	04 18 38 00	33.80N	137.60E	340	5.2W			
BGS	III	04 18 38 11.7-1.9	32.41N	135.72E	340-0	5.2b			
BJI	III	04 18 38 12.8	33.70N	137.38E	333	5.7b,4.8b			
SZGRF	III	04 18 38 13.5	33.68N	137.88E	338	5.7b,4.8b			
ISCB	III	04 18 38 13.9-12	33.75N-02	137.47E-02	338	5.1b,4.8b			
IDC	III	04 18 38 13.9-48	33.67N	137.40E	330-4	5.4,4.9			
JMA	III	04 18 38 13.5-20	33.77N	137.61E	353-3	5.3,4.9			
MOS	III	04 18 38 13.0-83	33.70N	137.37E	332	5.2b,4.9			
NEIC	III	04 18 38 14.8-10	33.69N	137.37E	338	5.1W,5.1b			
HRVD	III	04 18 38 14.8-60	33.57N	137.52E	337-3	5.2W,5.1b			
ISC	Event type fe. Error ellipse: s-maj=35.1km s-min=18.3km az=64.0.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=201.00000°; δ82.00000°; λ106.00000°; NP2:φ=317.00000°; δ17.00000°; λ27.00000°; Ms6.18000×10 ¹⁶								
BGS	Error ellipse: s-maj=806.2km s-min=930.7km az=-1.0.								
SZGRF	Near south coast of eastern Honshu, Japan.								
ISCB	Event type fe. Error ellipse: s-maj=2.8km s-min=1.9km az=127.8.								
IDC	Error ellipse: s-maj=9.3km s-min=5.6km az=72.0.								
JMA	Event type fe. Error ellipse: s-maj=2.2km s-min=1.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=304.00000°; δ27.00000°; λ5.00000°; NP2:φ=210.00000°; δ88.00000°; λ117.00000°; Principal axes: T P1g41.0000°,Az3m145.0000°; N P1g27.0000°,Az3m29.0000°; P P1g37.0000°,Az3m276.0000°								
MOS	Error ellipse: s-maj=6.8km s-min=3.7km az=106.5.								
NEIC	Event type fe. Error ellipse: s-maj=3.3km s-min=2.7km az=164.0. Recorded [2 JMA] in Fukushima and Ibaraki; [1 JMA] in Chiba, Miyagi, Saitama, Tochigi and Tokyo Prefectures. Moment Tensor Solution. Ms6.20000×10 ¹⁶								
HRVD	Error ellipse: s-maj=7.8km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s36,c51; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:1.43±.48 M _{ww} :1.52±.56; M _{ww} :2.95±.61; Mw:2.76±.60; Mw:0.10±.49; Mw:6.58±.42; Best double couple: NP1:φ=321.00000°; δ15.00000°; λ29.00000°; NP2:φ=203.00000°; δ83.00000°; λ103.00000°; Principal axes: T 7.1400,P1g50.0000°,Az3m127.0000°; N 0.8140,P1g13.0000°,Az3m22.0000°; P -7.9540,P1g37.0000°,Az3m282.0000°; Ms7.54700×10 ¹⁶								
(460) Wyoming									
ISC	III	04 21 03 10.7-66	43.70N-04	104.99W-06	0	4.3b	41	1-61	
ISCB	III	04 21 03 09.2-67	43.68N-04	105.03W-06	0	4.3b			¶10597428
IDC	III	04 21 03 10.4-1.8	43.65N	105.45W	0	4.2b,3.8			
NEIC	III	04 21 03 12.3-67	43.71N	105.20W	0	3.2L,3.8			
ISC	Event type fm. Error ellipse: s-maj=6.6km s-min=5.3km az=53.2.								
IDC	Event type fm. Error ellipse: s-maj=44.5km s-min=7.8km az=150.0.								
NEIC	Event type fm. Error ellipse: s-maj=10.7km s-min=7.3km az=144.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.								
(274) Southern Sumatra									
ISC	III	05 02 09 52.7-76	1.9S-10	99.5E-20	35	4.4b,3.9s	31	5-86	
IDC	III	05 02 09 47.2-1.1	1.85S	99.51E	0	4.3,4.2			¶10597555
ISCB	III	05 02 09 50.6-76	1.8S-10	99.6E-20	33	4.4b,3.9s			
MOS	III	05 02 09 50.9-1.3	1.65S	99.76E	33	4.6b,3.9s			
BJI	III	05 02 09 52.2	2.25S	99.27E	66	5.1b,4.9b			
NEIC	III	05 02 09 52.5-63	1.84S	99.57E	37	4.5b,4.9b			
ISC	Event type fe. Error ellipse: s-maj=57.0km s-min=14.4km az=54.0.								
IDC	Event type fe. Error ellipse: s-maj=27.3km s-min=8.8km az=119.6.								
ISCB	Error ellipse: s-maj=24.1km s-min=11.8km az=115.5.								
MOS	Event type fe. Error ellipse: s-maj=23.5km s-min=7.3km az=58.0. Felt [II] at Padangpanjang, Sumatra.								
NEIC									
(238) Ryukyu Islands									
JMA	III	05 05 18 26.8-10	28.05N	129.02E	15-2	3.5			¶10597648
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=2.0km az=-1.0.								
(173) Tonga Islands									
ISC	III	05 08 07 57.1-11	20.21S-02	175.60W-03	210	5.8b	478	7-173	
MOS	III	05 08 07 49.8-1.1	19.95S	175.67W	150	6.1b			¶10597729
CRAAG	III	05 08 07 53.3	20.07S	175.66W	6.1b				
ISCB	III	05 08 07 55.5-10	20.17S-02	175.65W-03	208	5.8b			
IDC	III	05 08 07 55.3-94	20.14S	175.72W	196-8	6.1,5.7			

HRVD	III	05 08 07 56.6-10	20.09S	175.22W	214-0	6.1W,5.7			
NEIC	III	05 08 07 56.6-08	20.12S	175.66W	206	6.0W,6.0b			
BJI	III	05 08 07 56.3	19.44S	175.45W	196	5.7b,5.4b			
BGS	III	05 08 07 57.0	20.11S	175.67W	206	5.7b,5.4b			
ISC	Event type fe. Error ellipse: s-maj=7.3km s-min=5.8km az=61.9.								
MOS	Event type fe. Error ellipse: s-maj=3.9km s-min=2.4km az=61.4.								
ISCB	Error ellipse: s-maj=7.8km s-min=6.2km az=142.0.								
IDC	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.								
HRVD	nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s105,c238; Mantle waves: s108,c394; Half duration: 2s7 Moment tensor: Scale 10 ¹⁸ Nm; Mr:-0.35±.01 M _{ww} :1.52±.01; Mw:-1.17±.01; Mw:0.47±.01; Mw:0.18±.01; Mw:0.66±.01; Best double couple: NP1:φ=231.00000°; δ58.00000°; λ-169.00000°; NP2:φ=135.00000°; δ81.00000°; λ-33.00000°; Principal axes: T 1.6700,P1g15.0000°,Az3m187.0000°; N -0.1350,P1g56.0000°,Az3m301.0000°; P -1.5380,P1g30.0000°,Az3m88.0000°; Ms1.60400×10 ¹⁸								
NEIC	Event type fe. Error ellipse: s-maj=4.7km s-min=2.9km az=126.0. Felt at Neiafu and Nuku'alofa. Moment Tensor Solution. Ms2.00000×10 ¹⁸ Moment Tensor Solution. s50 Moment tensor: Scale 10 ¹⁸ Nm; Mr:0.00 M _{ww} :0.00 M _{ww} :0.00 M _{ww} :0.00 M _{ww} :0.00 M _{ww} :0.00 Best double couple: NP1:φ=134.00000°; δ79.00000°; λ-54.00000°; NP2:φ=238.00000°; δ37.00000°; λ-162.00000°; Principal axes: T 1.2800,P1g25.0000°,Az3m196.0000°; N -0.0200,P1g35.0000°,Az3m306.0000°; P -1.2600,P1g44.0000°,Az3m79.0000°; Ms1.30000×10 ¹⁸								
(216) Mariana Islands									
ISC	III	05 12 43 22.7-85	14.23N-06	145.73E-06	82-8	4.5b	99	1-147	
BJI	III	05 12 43 17.4	13.87N	146.22E	90	4.9b,4.8b			¶10597854
ISCB	III	05 12 43 21.7-81	14.19N-06	145.72E-06	92-7	4.5b,4.8b			
IDC	III	05 12 43 23.2-1.1	14.23N	145.60E	84-10	4.5,4.2			
NEIC	III	05 12 43 23.8-1.2	14.22N	145.60E	90-11	4.7b,4.2			
MOS	III	05 12 43 24.8-87	14.25N	145.66E	120	4.4b,4.2			
ISC	Event type fe. Error ellipse: s-maj=10.6km s-min=10.0km az=96.6.								
ISCB	Error ellipse: s-maj=20.4km s-min=12.3km az=92.0.								
IDC	Event type fe. Error ellipse: s-maj=12.0km s-min=9.5km az=84.0. Felt on Saipan and at Santa Rita, Guam.								
NEIC									
MOS	Error ellipse: s-maj=15.5km s-min=7.3km az=106.8.								
(274) Southern Sumatra									
ISC	III	05 20 46 58.7-27	4.60S-04	101.40E-04	26	4.9b,4.3s	173	2-150	
IDC	III	05 20 46 54.1-80	4.58S	101.35E	0	4.7b,4.7			¶10598054
BJI	III	05 20 46 56.8	4.74S	101.43E	37	5.1b,5.0b			
ISCB	III	05 20 46 56.4-28	4.58S-04	101.40E-04	25	4.9b,4.3s			
MOS	III	05 20 46 58.7-1.1	4.28S	101.61E	33	5.1b,4.3s			
NEIC	III	05 20 46 59.1-27	4.55S	101.45E	30	5.0b,4.3s			
HRVD	III	05 20 46 59.1-1.1	4.59S	101.54E	36-1	4.8W,4.3s			
ISC	Event type fe. Error ellipse: s-maj=31.5km s-min=11.5km az=46.0.								
IDC	Event type fe. Error ellipse: s-maj=7.0km s-min=5.1km az=95.6.								
ISCB	Error ellipse: s-maj=12.5km s-min=6.1km az=110.0.								
MOS	Event type fe. Error ellipse: s-maj=9.4km s-min=5.7km az=53.0. Felt [II] at Bengkulu.								
NEIC	Error ellipse: s-maj=8.9km s-min=6.7km az=-1.0. nsta1 refers to body waves, cutoff=40s.								
HRVD	nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s17,c24; Mantle waves: s28,c41; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:1.48±.21 M _{ww} :0.98±.12; Mw:0.50±.20; Mw:0.76±.10; Mw:0.16±.11; Mw:0.10±.17; Best double couple: NP1:φ=327.00000°; δ37.00000°; λ118.00000°; NP2:φ=113.00000°; δ58.00000°; λ70.0								

ISCJB NEIC	Event type fe. Error ellipse: s-maj=3.6km s-min=3.4km az=57.4. (226) Near west coast of eastern Honshu III 07 03 46 47.00-65 37.33N-03 139.00E-.05 18-6 13 0-1 NIED III 07 03 46 00 37.30N 139.00E 5 3.5W 110598779 ISCJB III 07 03 46 47.2-56 37.33N-.03 139.00E-.04 8 3.5W JMA III 07 03 46 47.7 37.34N 139.00E 8-1 3.8									
ISC NIED ISCJB JMA	Event type fe. Error ellipse: s-maj=5.2km s-min=4.3km az=2.7. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=338.00000°; δ29.00000°; λ49.00000°; NP2:φ=203.00000°; δ69.00000°; λ110.00000° Principal axes: T P1g61.0000°; Azm143.0000°; N P1g19.0000°; Azm15.0000°; P P1g21.0000° Azm278.0000°									
ISC LDG SZGRF CRAAG ISCJB IDC BJI HRVD NEIC MOS ORF	(186) Vanuatu Islands III 07 06 28 55.7-11 14.85S-.02 167.36E-.02 139 5.6b 467 3-169 LDG III 07 06 28 39.2-28 14.07S 167.65E 10-0 6.2b,5.3s 110598850 SZGRF III 07 06 28 49.2 13.85S 168.12E 147 6.2b,5.3s CRAAG III 07 06 28 52.9 14.79S 167.16E 5 5.7b,5.3s ISCJB III 07 06 28 53.7-11 14.85S-.02 167.28E-.02 137 5.6b,5.3s IDC III 07 06 28 54.9-29 14.87S 167.32E 138-2 5.8,5.4 BJI III 07 06 28 55.0 14.24S 167.34E 129 5.9b,5.7b HRVD III 07 06 28 55.0-10 14.90S 167.20E 144-0 6.2W,5.7b NEIC III 07 06 28 55.0-09 14.81S 167.37E 136 6.2W,5.7b MOS III 07 06 28 55.1-1.2 14.79S 167.32E 143 5.8b,5.3s ORF III 07 06 28 58.1 7.73S 163.10E 30 6.5b,5.3s									
ISC LDG SZGRF IDC HRVD	Event type fe. Error ellipse: s-maj=35.7km s-min=14.6km az=90.0. Vanuatu Islands. Event type fe. Error ellipse: s-maj=3.3km s-min=2.8km az=127.5. ISCJB III 07 06 28 55.7-11 14.85S-.02 167.36E-.02 139 5.6b 467 3-169 IDC Error ellipse: s-maj=7.4km s-min=7.0km az=146.0. NEIC Error ellipse: s-maj=0.0km s-min=0.0km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s106.c250; Mantle waves: s105.c404; Half duration: 299 Moment tensor: Scale 10 ¹⁹ Nm; Mr:1.25e+01 Mw:0.30e+01; M0:1.55e+01; M1:1.02e+01; M2:1.08e+01; M3:0.54e+01; Best double couple: NP1:φ=303.00000°; δ56.00000°; λ40.00000°; NP2: φ=188.00000°; δ58.00000°; λ138.00000°; Principal axes: T 2.1990, P1g51.0000°; Azm154.0000° ; N -0.1490, P1g39.0000°; Azm337.0000°; P -2.0480, P1g1.0000°; Azm246.0000° M2:1.2300e+1018									
NEIC	Event type fe. Error ellipse: s-maj=4.1km s-min=3.1km az=88.0. Felt at Luganville. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M2.30000e+1018 Moment Tensor Solution. s41 Moment tensor: Scale 10 ¹⁹ Nm; Mr:1.45 Mw:0.75 M0:2.19 M1:1.11 M2:0.91 M3:0.75 Best double couple: NP1:φ=197.00000°; δ63.00000°; λ135.00000°; NP2:φ=312.00000° ; δ51.00000°; λ36.00000°; Principal axes: T 2.5400, P1g50.0000°; Azm158.0000° ; N -0.0300, P1g39.0000°; Azm352.0000°; P -2.5000, P1g7.0000°; Azm257.0000° M2:5.0000e+1018 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=321.00000°; δ41.00000°; λ49.00000°; NP2:φ=190.00000°; δ60.00000°; λ120.00000° Principal axes: T P1g62.0000°; Azm149.0000°; N P1g0.0000°; Azm0.0000°; P P1g10.0000° Azm259.0000°									
MOS	Error ellipse: s-maj=6.9km s-min=6.1km az=82.6. (248) Philippine Islands region ISC III 07 08 10 20.4-60 10.05N-.03 126.16E-.05 35 3.8b 34 1-94 IDC III 07 08 10 21.5-86 9.91N 125.70E 0 4.0,3.8b 110598896 ISCJB III 07 08 10 19.3-66 10.06N-.03 126.17E-.05 33 3.8b,3.8b MAN III 07 08 10 20.0 10.04N 126.12E 26 4.5L,3.3b									
ISC IDC ISCJB MAN	Event type fe. Error ellipse: s-maj=65.3km s-min=18.2km az=65.0. Event type fe. Error ellipse: s-maj=7.1km s-min=4.8km az=166.2. Event type fe. F SURIGAO CITY - INTENSITY I. (314) Southern India ISC III 07 18 20 48.0-12 23.78N-.02 70.90E-.01 19 5.3s,5.1b 648 1-156 IDC III 07 18 20 44.4-51 23.57N 70.77E 0 5.1s,5.1 110599211 SZGRF III 07 18 20 44.3 23.06N 71.41E 33 5.2b,4.8s ISCJB III 07 18 20 45.5-13 23.75N-.02 70.89E-.02 18 5.3s,5.1b NDI III 07 18 20 45.6-3.5 23.74N 70.69E 10-0 5.2L,5.2b HRVD III 07 18 20 46.1-20 23.72N 70.77E 12 5.5W,5.2b NEIC III 07 18 20 46.1-19 23.78N 70.90E 10 5.5W,5.2b BJI III 07 18 20 47.3 24.00N 71.09E 10 5.7s,5.4s MOS III 07 18 20 47.7-1.2 23.70N 70.82E 33 5.4b,5.1s									
ISC IDC SZGRF ISCJB NDI HRVD	Event type de. Error ellipse: s-maj=12.9km s-min=11.8km az=98.0. Southern India. Event type de. Error ellipse: s-maj=2.6km s-min=2.0km az=3.4. Error ellipse: s-maj=5.0km s-min=6.9km az=1.0. Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s84.c151; Mantle waves: s96.c197; Half duration: 193 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.14e+02 M0:1.89e+02; M1:1.75e+03; M2:0.37e+06; M3:0.06e+02; M4:0.29e+06; Best double couple: NP1:φ=224.00000°; δ76.00000°; λ0.00000°; NP2:φ=134.00000° ; δ90.00000°; λ166.00000°; Principal axes: T 1.8040, P1g10.0000°; Azm88.0000° ; N 0.1470, P1g76.0000°; Azm314.0000°; P -1.9550, P1g10.0000°; Azm180.0000° M1:8.8000e+1017									
NEIC	Event type fe. Error ellipse: s-maj=6.0km s-min=3.5km az=199.0. At least seven people injured in the Jatawada-Rapar area and some buildings damaged at Jatawada. Felt [IV] at Ahmadabad, Bhuj, Morbi and Rajkot; [II] at Vadodra. Felt in much of Gujarat and in southern Rajasthan. Also felt at Matti, Pakistan. Moment Tensor Solution. s4 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.08 M0:2.05 M1:9.7 M2:0.40 M3:0.36 M4:0.63 Best double couple: NP1:φ=220.00000°; δ87.00000°; λ20.00000°; NP2:φ=129.00000°; δ70.00000°; λ177.00000° Principal axes: T 2.1700, P1g16.0000°; Azm87.0000°; N 0.0000, P1g70.0000°; Azm229.0000° ; P -2.1800, P1g12.0000°; Azm353.0000°; M2:2.0000e+1017									
MOS	Error ellipse: s-maj=6.6km s-min=3.3km az=125.0. (320) Kyrgyzstan-Xinjiang border region ISC III 07 20 34 10.5-83 41.85N-.03 77.28E-.03 3-5 4.2b,3.8s 125 1-96 ISCJB III 07 20 34 08.7-84 41.83N-.03 77.35E-.03 1-5 4.2b,3.8s 110599274 IDC III 07 20 34 09.2-80 41.75N 77.28E 0 4.2,4.0b NNC III 07 20 34 12.9-1.3 42.11N 77.24E 0 4.5,4.4b KNET III 07 20 34 12.3-57 41.87N 77.03E 11-2 4.4L,4.4b NEIC III 07 20 34 13.2-39 41.75N 77.18E 30 4.3b,4.4b MOS III 07 20 34 13.8-1.7 41.99N 77.26E 33 4.3b,4.4b BJI III 07 20 34 14.7 41.99N 77.43E 25 4.8b,4.5L									
ISC ISCJB IDC NNC KNET NEIC MOS BJI	Event type fe. Error ellipse: s-maj=4.7km s-min=3.6km az=45.7. Error ellipse: s-maj=14.2km s-min=14.0km az=141.0. Error ellipse: s-maj=12.0km s-min=7.7km az=172.0. Error ellipse: s-maj=3.4km s-min=3.1km az=23.0. Error ellipse: s-maj=9.9km s-min=6.4km az=51.0. Felt [II] at Almaty, Kazakhstan.									
MOS	Event type fe. Error ellipse: s-maj=10.0km s-min=5.8km az=105.4. Felt [II] at Alma-Ata. Moment Tensor Solution. (460) Wyoming ISC III 07 22 02 16.9-43 43.78N-.03 105.29W-.04 0 3.9b 71 3-90 IDC III 07 22 02 14.7-1.5 43.47N 105.29W 0 3.9L,3.9 110599311 ISCJB III 07 22 02 16.6-47 43.78N-.02 105.46W-.04 0 3.9b,3.9 NEIC III 07 22 02 16.6-71 43.69N 105.18W 0 3.5L,3.9									
ISC IDC ISCJB NEIC	Event type fm. Error ellipse: s-maj=39.7km s-min=7.0km az=152.0. Event type fm. Error ellipse: s-maj=4.5km s-min=3.5km az=7.2. Event type fm. Error ellipse: s-maj=9.1km s-min=5.9km az=109.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.									
ISC NNC ISCJB IDC CSEM MOS NEIC HRVD BJI	(339) Northwestern Uzbekistan III 07 22 50 26.7-15 40.41N-.02 63.63E-.02 10 4.7b,4.1s 300 6-145 NNC III 07 22 50 19.3-2.6 40.15N 63.48E 0 5.1,5.0b 110599334 ISCJB III 07 22 50 24.9-16 40.40N-.02 63.65E-.02 10 4.7b,4.1s IDC III 07 22 50 25.2-52 40.33N 63.58E 0 4.7,4.7 CSEM III 07 22 50 27.7-05 40.37N 63.72E 30 4.8b,4.7 MOS III 07 22 50 28.8-1.3 40.54N 63.71E 33 5.1b,4.0s NEIC III 07 22 50 29.2-21 40.36N 63.67E 25 4.9b,4.0s HRVD III 07 22 50 29.2-60 40.38N 63.64E 19-1 4.8W,4.0s BJI III 07 22 50 32.6 40.36N 64.45E 25 5.3L,5.1b									

ISC NNC ISCJB IDC CSEM MOS NEIC HRVD	Event type fe. Error ellipse: s-maj=22.6km s-min=15.1km az=6.0. Event type fe. Error ellipse: s-maj=3.5km s-min=2.7km az=19.3. Error ellipse: s-maj=11.1km s-min=10.4km az=101.0. Event type ke. Error ellipse: s-maj=2.6km s-min=1.7km az=6.0. Event type fe. Error ellipse: s-maj=6.1km s-min=4.7km az=112.0. Felt [II] at Chardzhou. Moment Tensor Solution. Event type fe. Error ellipse: s-maj=6.7km s-min=4.0km az=25.0. Felt [II] at Turkmenabat, Turkmenistan. Error ellipse: s-maj=6.7km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14.c15; Mantle waves: s41.c61; Half duration: 0.75 Moment tensor: Scale 10 ¹⁶ Nm; Mr:1.40e+16 Mw:1.24e+12; M0:0.16e+09; M1:0.39e+25; M2:0.05e+08; M3:0.43e+25; Best double couple: NP1:φ=252.00000°; δ36.00000°; λ105.00000°; NP2:φ=54.00000° ; δ56.00000°; λ80.00000°; Principal axes: T 1.5270, P1g77.0000°; Azm90.0000° ; N 0.1880, P1g9.0000°; Azm60.0000°; P -1.7170, P1g10.0000°; Azm152.0000° M1:6.2200e+1016									
ISC BJI ISCJB MOS IDC NEIC HRVD SZGRF	(706) Northern Sumatra III 08 06 33 38.2-14 4.02N-.03 96.24E-.02 27 5.3b,4.9s 567 2-173 BJI III 08 06 33 33.4 3.50N 95.92E 41 5.3s,5.2b 110599498 ISCJB III 08 06 33 36.0-15 3.98N-.03 96.24E-.02 26 5.3b,4.9s MOS III 08 06 33 37.6-1.0 4.19N 96.31E 33 5.5b,4.8s IDC III 08 06 33 38.7-1.9 3.99N 96.34E 33-13 5.1,5.0 NEIC III 08 06 33 38.2-11 4.00N 96.26E 30 5.4W,5.3b HRVD III 08 06 33 38.2-20 3.88N 96.22E 12 5.3W,5.5b SZGRF III 08 06 33 39.8 4.23N 96.16E 33 5.3b,5.3b									
ISC ISCJB MOS IDC NEIC	Event type fe. Event type fe. Error ellipse: s-maj=4.4km s-min=3.2km az=59.2. Error ellipse: s-maj=9.6km s-min=3.9km az=124.3. Error ellipse: s-maj=12.5km s-min=8.0km az=42.0. Event type fe. Error ellipse: s-maj=5.0km s-min=3.1km az=42.0. Felt at Banda Aceh. Also felt in other parts of Aceh Province. Moment Tensor Solution. s8 Moment tensor: Scale 10 ¹⁷ Nm; Mr:1.17 Mw:0.44 M0:0.73 M1:0.56 M2:0.66 M3:0.38 Best double couple: NP1:φ=48.00000° ; δ60.00000°; λ-81.00000°; NP2:φ=210.00000°; δ32.00000°; λ-106.00000°; Principal axes: T 1.4300, P1g14.0000°; Azm131.0000°; N -0.0700, P1g98.0000°; Azm223.0000° ; P -1.3600, P1g74.0000°; Azm342.0000°; M1:4.0000e+1017									
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s67.c119; Mantle waves: s81.c151; Half duration: 151 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.87e+02 M0:0.21e+02; M1:0.65e+02; M2:0.45e+05; M3:0.51e+01; M4:0.07e+05; Best double couple: NP1:φ=14.00000°; δ39.00000°; λ-122.00000°; NP2:φ=232.00000° ; δ57.00000°; λ-67.00000°; Principal axes: T 1.0380, P1g10.0000°; Azm306.0000° ; N 0.0030, P1g19.0000°; Azm39.0000°; P -1.0420, P1g68.0000°; Azm191.0000° M1:1.0400e+1017									
SZGRF	Northern Sumatra, Indonesia. (221) Kuril Islands ISC III 08 06 35 49.0-16 44.21N-.03 148.40E-.02 37 5.3b,4.7s 593 1-153 NIED III 08 06 35 00 43.90N 148.30E 35 5.0W,4.7s 110599502 SKHL III 08 06 35 45.8-60 44.08N 148.61E 36-15 5.7s,5.6b JMA III 08 06 35 45.5-40 43.90N 148.30E 0 5.1,5.6b BJI III 08 06 35 46.7 44.19N 148.45E 40 5.4b,5.3b ISCJB III 08 06 35 47.2-16 44.18N-.03 148.41E-.02 35 5.3b,4.7s MOS III 08 06 35 47.8-91 44.25N 148.36E 39 5.6b,4.0s HRVD III 08 06 35 48.7-50 44.05N 148.69E 38-1 5.0W,4.0s NEIC III 08 06 35 48.7-12 44.14N 148.38E 37 5.3b,4.0s IDC III 08 06 35 48.6-2.8 44.16N 148.35E 35-22 5.0,4.9 SZGRF III 08 06 35 54.7 45.32N 147.57E 33 5.6b,4.9									
ISC NIED SKHL JMA ISCJB MOS HRVD NEIC IDC SZGRF	Event type fe. Moment Tensor Solution. Best double couple: NP1:φ=29.00000°; δ70.00000°; λ81.00000°. NP2:φ=233.00000°; δ22.00000°; λ113.00000°; M3:1.7000e+1016 Event type fe. Felt [III] at Gorniy, (II-III) at Reidoivo, (II) at Kurilsk. Event type fe. Error ellipse: s-maj=3.3km s-min=3.2km az=1.0. Event type fe. Error ellipse: s-maj=4.1km s-min=2.2km az=142.7. Event type fe. Error ellipse: s-maj=7.5km s-min=4.4km az=110.1. Felt [III] at Gornii; (II-III) at Reidoivo; (II) at Kurilsk. Moment Tensor Solution. HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s41.c54; Mantle waves: s63.c89; Half duration: 0.19 Moment tensor: Scale 10 ¹⁶ Nm; Mr:3.87e+28 Mw:1.71e+19; M0:2.15e+22; M1:0.87e+18; M2:0.12e+12; M3:1.95e+16; Best double couple: NP1:φ=231.00000°; δ32.00000°; λ105.00000°; NP2:φ=33.00000° ; δ59.00000°; λ81.00000°; Principal axes: T 4.4550, P1g74.0000°; Azm278.0000° ; N 0.1760, P1g8.0000°; Azm38.0000°; P -4.6210, P1g14.0000°; Azm130.0000° M4:5.3800e+1016									
NEIC IDC SZGRF	Event type fe. Error ellipse: s-maj=4.0km s-min=2.3km az=163.0. Felt [III] at Gorniy and Reydoivo and [II] at Kuril'sk. Recorded [1 JMA] in eastern Hokkaido. Error ellipse: s-maj=14.7km s-min=11.5km az=134.0. Kuril Islands, Russia.									
MDD LDG NEIC SFS INMG CSEM	(377) Spain III 08 09 04 14.1-19 37.71N 1.62W 6-2 3.3 LDG III 08 09 04 13.9-26 37.68N 1.60W 10-0 3.5L 110599556 NEIC III 08 09 04 14.2 37.71N 1.61W 0 3.5L,3.0 SFS III 08 09 04 14.0 37.72N 1.61W 8 3.3L,3.0 INMG III 08 09 04 14.0-91 37.73N 1.63W 6-2 3.4L,3.0 CSEM III 08 09 04 14.3-07 37.75N 1.61W 10 3.6L,3.0									
MDD	Event type fe. Error ellipse: s-maj=2.9km s-min=1.4km az=157.0. EMS: IV LA HOYA. PRXIMO III ALEDO LORCA MULA TOTANA II-III ALHAMA DE MURCIA II PLIEGO I BULLAS PUERTO LUMBRERAS.									
LDG NEIC INMG CSEM	Event type ke. Error ellipse: s-maj=6.5km s-min=2.7km az=136.0. Event type fe. Felt at Aledo, La Hoya, Lorca and Totana. After MDD. Event type ke. Error ellipse: s-maj=2.2km s-min=1.3km az=135.0. Event type ke. Error ellipse: s-maj=1.8km s-min=0.9km az=154.0.									
ISC ISCJB IDC NEIC ISC ISCJB IDC NEIC	(460) Wyoming III 08 09 04 23.6-57 43.77N-.04 105.15W-.07 0 4.4b 26 2-61 ISCJB III 08 09 04 21.8-59 43.81N-.04 105.11W-.07 0 4.4b 110599855 IDC III 08 09 04 21.4-2.1 43.40N 105.28W 0 4.4b,4.0 NEIC III 08 09 04 23.8-52 43.71N 105.15W 0 3.1L,4.0									
MAN	Event type fm. Event type fm. Error ellipse: s-maj=7.2km s-min=5.5km az=176.3. Error ellipse: s-maj=49.1km s-min=8.4km az=154.0. Event type fm. Error ellipse: s-maj=7.7km s-min=6.7km az=127.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.									
MAN	(256) Leyte III 08 19 41 37.0 11.00N 124.76E 1 4.1L,2.6b 110599864									
MAN	Event type fe. F ALBUERA LEYTE - INTENSITY II. (135) Near coast of central Chile III 08 20 09 28.7-81 32.74S 71.04W 61-3 3.6,3.5L NEIC III 08 20 09 28.7 32.74S 71.04W 61 3.6,3.5L 110599875									
GUC NEIC GUC NEIC	Error ellipse: s-maj=1.8km s-min=2.8km az=1.0. Event type fe. Felt [III] at Quilpue, San Antonio, Valparaiso and Vina del Mar. After GUC. (369) Dodecanese Islands ISC III 09 03 18 23.5-47 37.86N-.02 26.77E-.03 12-3 4.0b 139 0-75 ISK III 09 03 18 20.7 37.87N 26.65E 7 4.0L 110600018 BJI III 09 03 18 20.5 37.90N 26.80E 24 5.1b,4.6b ISCJB III 09 03 18 21.2-64 37.87N-.02 26.75E-.02 3-5 4.0b,4.6b IDC III 09 03 18 21.8-93 37.91N 26.74E 0 3.9b,3.9 NEIC III 09 03 18 21.7 37.86N 26.83E 24 4.3b,4.0 MOS III 09 03 18 21.9-79 37.86N 26.81E 10 4.7b,4.0 ATH III 09 03 18 21.5 37.88N 26.82E 23-0 3.8,3.8L THE III 09 03 18 22.1 37.79N 26.96E 8 3.8,3.8L CSEM III 09 03 18 22.9-05 37.86N 26.83E 15 3.8L,3.8L									
ISC ISCJB IDC NEIC MOS ATH THE CSEM	Event type fe. Event type fe. Error ellipse: s-maj=3.4km s-min=3.0km az=128.3. Error ellipse: s-maj=24.1km s-min=14.1km az=122.0. Event type fe. Felt in the Izmir area, Turkey. After ATH. Error ellipse: s-maj=10.3km s-min=5.5km az=109.3. ATH Error ellipse: s-maj=0.8km s-min=1.2km az=1.0. Event type ke. Error ellipse: s-maj=1.3km s-min=1.2km az=150.0.									
ISC NIED	(244) Taiwan III 09 04 07 28.6-20 23.59N-.03 120.51E-.02 10 4.6b,4.1s 192 1-177 NIED III 09 04 07 00 23.90N 120.40E 8 4.8W,4.1s 110600042									

ISCJB	III	09 04 07 26.7-20	23.57N-03	120.50E-02	10	4.6b,4.0s			
BJ	III	09 04 07 27.6	23.62N	120.61E	14	5.4L,4.9s			
MOS	III	09 04 07 29.5-1.1	23.56N	120.64E	33	4.8b,4.9s			
NEIC	III	09 04 07 29.1-2.4	23.52N	120.64E	19-15	5.3L,4.7b			
SZGRF	III	09 04 07 30.1	23.86N	122.18E	33	4.9b,4.7b			
JMA	III	09 04 07 30.0-30	23.86N	120.43E	116	4.5,4.7b			
IDC	III	09 04 07 31.9-6.9	23.45N	120.37E	33-53	4.5,4.4			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:70.00000°,δ77.00000°,λ104.00000°. NP2:φ:202.00000°,δ19.00000°,λ43.00000°. M:1.92000×10 ¹⁶								
ISCJB	III	09 04 07 27.6	23.62N	120.61E	14	5.4L,4.9s			
MOS	III	09 04 07 29.5-1.1	23.56N	120.64E	33	4.8b,4.9s			
NEIC	III	09 04 07 29.1-2.4	23.52N	120.64E	19-15	5.3L,4.7b			
ISC	Event type fe. Error ellipse: s-maj=7.0km s-min=5.3km az=76.0. Power outages occurred in Yun-lin County. Recorded [5 TAP] in Yun-lin; [4 TAP] in Chang-hua and N'an-tou; [3 TAP] in Chia-i, Kao-hsiung and T'ai-nan; [2 TAP] in Miao-li and P'eng-hu; [1 TAP] in Hua-lien, Hsin-chu, Ping-tung, T'ai-chung and T'ai-tung Counties.								
SZGRF	Taiwan region.								
JMA	Error ellipse: s-maj=7.8km s-min=3.1km az=-1.0.								
IDC	Error ellipse: s-maj=20.0km s-min=12.4km az=62.0.								
GUC	III	09 09 44 22.1-69	33.50S	70.77W	87-2	4.2,4.2L			¶10600161
GUC	Error ellipse: s-maj=1.7km s-min=3.3km az=-1.0.								
ISC	III	09 19 01 16.9-61	43.75N-03	105.13W-07	0	4.3b	33	2-61	
ISCJB	III	09 19 01 15.1-62	43.76N-04	105.07W-07	0	4.3b			¶10600553
IDC	III	09 19 01 15.8-2.1	43.57N	105.40W	0	4.1b,4.0			
NEIC	III	09 19 01 17.1-75	43.70N	105.15W	0	3.3L,4.0			
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=6.9km s-min=5.1km az=159.0.								
IDC	Error ellipse: s-maj=5.4km s-min=8.1km az=151.0.								
NEIC	Event type fm. Error ellipse: s-maj=9.9km s-min=7.5km az=83.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.								
ISC	III	10 07 50 15.2-13	33.06N-02	73.83E-02	14	4.9b,4.5s	418	1-151	
NDI	III	10 07 50 11.6-3.9	33.20N	73.41E	10-0	4.9b,4.8L			¶10600931
ISCJB	III	10 07 50 13.2-13	33.08N-02	73.86E-02	13	4.9b,4.5s			
BJ	III	10 07 50 13.1	33.26N	73.60E	19	5.1s,5.0b			
NEIC	III	10 07 50 14.4-18	33.13N	73.89E	10	4.9b,5.0b			
HRVD	III	10 07 50 14.4-60	32.62N	73.51E	25-2	4.9W,5.0b			
MOS	III	10 07 50 16.1-1.1	33.16N	73.92E	33	5.1b,4.4s			
IDC	III	10 07 50 16.4-2.0	33.19N	73.78E	24-12	4.8L,4.8			
NNC	III	10 07 50 23.3-7.7	33.34N	73.34E	76-59	4.9b,4.8			
SZGRF	III	10 07 50 34.1	34.12N	71.79E	33	5.0b,4.8			
ISC	Event type de.								
NDI	Error ellipse: s-maj=10.7km s-min=12.5km az=-1.0.								
ISCJB	Event type de. Error ellipse: s-maj=2.7km s-min=2.0km az=101.6.								
NEIC	Event type de. Error ellipse: s-maj=5.8km s-min=3.3km az=209.0. One person killed and 22 injured in Mirpur District. Felt at Islamabad, Jhelum, Lahore and Peshawar.								
HRVD	Error ellipse: s-maj=3.3km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s21,c23; Mantle waves: s53,c69;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _r :1.79±.21; M ₀ :2.07±.16; M ₀ :0.28±.15; M ₀ :0.32±.08; M ₀ :0.41±.21; Best double couple: NP1:φ:246.00000°,δ21.00000°,λ61.00000°. NP2:φ:96.00000°,δ71.00000°,λ101.00000°. Principal axes: T 3.0710,Plg62.0000°,AzM22.0000°. N 0.1960,Plg10.0000°,AzM273.0000°. P -3.2630,Plg26.0000°,AzM178.0000°. M:3.16700×10 ¹⁶								
MOS	Error ellipse: s-maj=6.2km s-min=3.6km az=117.9.								
IDC	Error ellipse: s-maj=11.1km s-min=9.5km az=67.0.								
NNC	Error ellipse: s-maj=103.3km s-min=45.6km az=62.0.								
SZGRF	Pakistan.								
ISC	III	10 08 28 52.4-43	26.16N-04	127.89E-04	43-4	4.2b,3.6s	55	0-79	
NIED	III	10 08 28 20.0	26.10N	127.90E	32	4.1W,3.6s			¶10600950
MOS	III	10 08 28 49.8-73	26.17N	127.66E	33	4.7b,3.6s			
JMA	III	10 08 28 51.7-20	26.12N	127.88E	46-2	4.1,3.6s			
ISCJB	III	10 08 28 51.0-45	26.12N-04	127.91E-04	49-3	4.2b,3.6s			
NEIC	III	10 08 28 52.6-44	26.21N	127.80E	39	4.6b,4.1W			
IDC	III	10 08 28 52.5-74	26.23N	127.72E	39-6	3.9L,3.9			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:3.00000°,δ84.00000°,λ173.00000°. NP2:φ:94.00000°,δ83.00000°,λ6.00000°. M:1.76000×10 ¹⁵								
MOS	Error ellipse: s-maj=23.5km s-min=13.6km az=100.3.								
JMA	Event type fe. Error ellipse: s-maj=2.2km s-min=2.0km az=-1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=9.0km s-min=4.3km az=100.4.								
NEIC	Event type fe. Error ellipse: s-maj=11.2km s-min=7.5km az=126.0. Recorded [2 JMA] on Okinawa. Moment Tensor Solution. M:1.80000×10 ¹⁵								
IDC	Error ellipse: s-maj=19.1km s-min=13.7km az=103.0.								
ISC	III	10 08 55 48.8-44	36.76N-03	141.19E-05	76-3	4.3b	120	0-147	
BJ	III	10 08 55 44.8	36.96N	141.23E	56	4.8b,4.7b			¶10600973
ISCJB	III	10 08 55 47.8-43	36.74N-03	141.16E-05	83-3	4.3b,4.7b			
JMA	III	10 08 55 48.6-10	36.73N	141.18E	75-1	4.5,4.7b			
NEIC	III	10 08 55 48.5-39	37.38N	141.03E	47	4.5b,4.3W			
MOS	III	10 08 55 49.5-98	37.00N	141.00E	89	4.3b,4.3W			
IDC	III	10 08 55 51.1-1.8	36.68N	141.07E	101-17	4.4,4.2			
NIED	III	10 08 56 00	36.70N	141.20E	74	4.3W,4.2			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=6.9km s-min=4.5km az=81.4.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:37.00000°,δ18.00000°,λ-43.00000°. NP2:φ:168.00000°,δ78.00000°,λ-103.00000°. Principal axes: T Plg32.0000°,AzM269.0000°. N Plg13.0000°,AzM171.0000°. P Plg55.0000°,AzM62.0000°								
NEIC	Event type fe. Error ellipse: s-maj=12.1km s-min=4.6km az=157.0. Felt at Misawa. Recorded [2 JMA] in Fukushima, Gumma, Ibaraki, Saitama and Tochigi; [1 JMA] in Chiba and Miyagi Prefectures. Moment Tensor Solution. M:3.70000×10 ¹⁵								
MOS	Error ellipse: s-maj=10.5km s-min=8.1km az=85.9.								
IDC	Error ellipse: s-maj=16.1km s-min=13.3km az=91.0.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:196.00000°,δ69.00000°,λ-88.00000°. NP2:φ:11.00000°,δ21.00000°,λ-95.00000°. M:3.73000×10 ¹⁵								
ISC	III	10 09 26 03.4-22	7.79S-04	107.74E-05	65	4.7b	127	1-170	
MOS	III	10 09 25 54.4-1.0	7.72S	107.70E	10	5.1b			¶10600990
ISCJB	III	10 09 26 01.3-22	7.79S-04	107.76E-05	63	4.8b			
NEIC	III	10 09 26 03.5-18	7.76S	107.76E	69	4.9b			
HRVD	III	10 09 26 03.5-50	7.94S	107.87E	60-4	5.0W			
BJ	III	10 09 26 03.5	7.80S	107.80E	69	5.0b,4.9s			
IDC	III	10 09 26 03.7-52	7.72S	107.81E	66-4	4.8,4.6			
ISC	Event type fe.								
MOS	Error ellipse: s-maj=12.9km s-min=6.9km az=119.9.								
ISCJB	Event type fe. Error ellipse: s-maj=8.2km s-min=4.9km az=110.4.								
NEIC	Event type fe. Error ellipse: s-maj=8.8km s-min=5.0km az=51.0. Felt [III] at Bandung and Tasikmalaya.								
HRVD	Error ellipse: s-maj=5.6km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s19,c21; Mantle waves: s54,c74;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _r :1.85±.25; M ₀ :1.34±.21; M ₀ :3.19±.20; M ₀ :1.20±.10; M ₀ :1.36±.16; M ₀ :0.43±.16; Best double couple: NP1:φ:340.00000°,δ52.00000°,λ33.00000°. NP2:φ:228.00000°,δ65.00000°,λ137.00000°. Principal axes: T 2.8720,Plg48.0000°,AzM188.0000°. N 0.7970,Plg41.0000°,AzM24.0000°. P -3.6690,Plg8.0000°,AzM287.0000°. M:3.27100×10 ¹⁶								
IDC	Error ellipse: s-maj=13.5km s-min=10.0km az=42.0.								
ISC	III	10 11 07 18.4-28	24.31N-03	122.94E-02	51-3	4.5b,4.3s	142	0-171	
NIED	III	10 11 07 00	24.40N	123.00E	41	4.7W,4.3s			¶10601060
MOS	III	10 11 07 14.6-1.0	24.47N	122.99E	33	4.5b,4.3s			
ISCJB	III	10 11 07 17.1-28	24.33N-03	122.95E-02	56-3	4.5b,4.3s			
IDC	III	10 11 07 17.8-2.9	24.36N	122.89E	48-27	4.4,4.3			
NEIC	III	10 11 07 18.9-82	24.38N	122.94E	56-7	4.6b,4.3			
BJ	III	10 11 07 18.6	24.35N	122.96E	67	4.6b,4.5b			
JMA	III	10 11 07 18.4-10	24.36N	122.98E	48-1	4.8,4.5b			

ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:67.00000°,δ66.00000°,λ73.00000°. NP2:φ:284.00000°,δ29.00000°,λ123.00000°. M:1.16000×10 ¹⁶								
MOS	Error ellipse: s-maj=15.1km s-min=7.4km az=-112.6.								
ISCJB	Event type fe. Error ellipse: s-maj=4.9km s-min=3.2km az=170.1.								
IDC	Error ellipse: s-maj=18.3km s-min=13.4km az=71.0.								
NEIC	Event type fe. Error ellipse: s-maj=9.0km s-min=7.2km az=179.0. Recorded [2 JMA] on Yonaguni-jima and [1 JMA] on Iriomote-jima and Ishigaki-jima, Ryukyu Islands.								
JMA	Event type fe. Error ellipse: s-maj=2.2km s-min=1.0km az=-1.0.								
WEL	III	10 11 55 12.9-33	40.12S	174.95E	12-3	4.1L			
NEIC	III	10 11 55 12.5	40.13S	174.89E	29	4.1L			¶10601096
WEL	Event type fe. Error ellipse: s-maj=1.5km s-min=0.7km az=90.0. Felt from Wanganui to Manawatu, maximum reported intensity MM 4.								
NEIC	Event type fe. Felt at Marton and Wanganui. After WEL.								
WEL	III	10 12 04 45.8-31	40.13S	174.97E	12-2	4.3L			
NEIC	III	10 12 04 45.4	40.13S	174.89E	28	4.3L			¶10601108
WEL	Event type fe. Error ellipse: s-maj=1.3km s-min=0.6km az=90.0. Felt from Taranaki to Manawatu, maximum reported intensity MM 4.								
NEIC	Event type fe. Felt at Wanganui. After WEL.								
WEL	III	10 14 17 51.3-63	40.13S-02	174.96E-04	16-5	3.4b	76	0-152	
IDC	III	10 14 17 47.6-1.3	40.61S	175.70E	0	3.9,3.7L			¶10601203
ISCJB	III	10 14 17 51.5-39	40.12S-02	174.96E-04	21-5	3.4b,3.7L			
WEL	III	10 14 17 51.9-12	40.12S	174.97E	19-2	4.5L,3.7L			
NEIC	III	10 14 17 51.4	40.13S	174.89E	28	4.5L,3.7L			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=45.7km s-min=23.7km az=122.0.								
ISCJB	Event type fe. Error ellipse: s-maj=4.9km s-min=3.1km az=33.2.								
WEL	Event type fe. Error ellipse: s-maj=1.6km s-min=0.7km az=90.0. Felt from Taranaki to Wellington, maximum reported intensity MM 5.								
NEIC	Event type fe. Felt at Marton and Wanganui. After WEL.								
WEL	III	10 16 27 28.2-09	40.13S	174.98E	12	3.8L			
NEIC	III	10 16 27 27.8	40.12S	174.88E	31	3.8L			¶10601278
WEL	Event type fe. Error ellipse: s-maj=1.5km s-min=0.7km az=90.0. Felt from Wanganui to Manawatu, maximum reported intensity MM 4.								
NEIC	Event type fe. Felt at Marton and Wanganui. After WEL.								
WEL	III	10 19 10 27.3-26	40.13S-02	174.95E-04	15	3.1b	70	0-152	
IDC	III	10 19 10 23.9-1.4	40.10S	174.82E	0	4.0L,3.6			¶10601375
ISCJB	III	10 19 10 27.4-27	40.12S-02	174.95E-04	15	3.1b,3.6			
WEL	III	10 19 10 27.9-14	40.12S	174.96E	15-3	4.2L,3.6			
NEIC	III	10 19 10 27.6	40.13S	174.89E	30	4.2L,3.6			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=42.5km s-min=24.7km az=154.0.								
ISCJB	Event type fe. Error ellipse: s-maj=4.4km s-min=2.4km az=29.3.								
WEL	Event type fe. Error ellipse: s-maj=1.6km s-min=0.7km az=90.0. Felt from Wanganui to Wellington, maximum reported intensity MM 5.								
NEIC	Event type fe. Felt at Foxton, Levin, Marton and Wanganui. After WEL.								
WEL	III	10 19 12 50.1-53							

NEIC Event type fe. Felt [III] at Big Bear City, Big Bear Lake, Highland and Lucerne Valley; [II] at Cathedral City, Riverside and San Bernardino. Also felt at Anaheim, Angelus Oaks, Apple Valley, Crestline, Fontana, Forest Falls, Long Linda, Long Beach, Los Angeles, Mission Viejo, Moreno Valley, North Hollywood, Palm Springs, Pasadena, Redlands, Running Springs, Sun City, Victorville, Winchester and Yucaipa. After PAS.

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III	11 07 48 42.9-20	36.91N	4.93W	11-0	3.1		
SFS	III 11 07 48 41.9	37.00N	4.80W	0	3.7L	¶10601693	
IGIL	III 11 07 48 42.6	37.05N	4.90W	11	3.1L		
INMG	III 11 07 48 42.2-1	36.92N	4.99W	6-2	3.1L		
CSEM	III 11 07 48 42.9-06	36.95N	4.95W	5	3.3L		

MDD Event type fe. Error ellipse: s-maj=1.9km s-min=1.7km az=175.0. EMS: II-III CAQUETE LA REAL. PRXIMO II CUEVAS DEL BECERRO.

INMG Event type ke. Error ellipse: s-maj=1.6km s-min=1.3km az=4.0.

CSEM Event type ke. Error ellipse: s-maj=1.6km s-min=1.0km az=172.0.

(385) Strait of Gibraltar

III	11 13 43 08.9-27	37.01N-01	4.95W-01	17-2	3.07	0-18	
MOS	III 11 13 43 07.6-63	37.19N	4.93W	10	3.7b	¶10601856	
ISCJB	III 11 13 43 07.1-20	37.08N-01	4.94W-01	10	3.7b		
INMG	III 11 13 43 08.9-1.2	36.94N	4.97W	8-2	3.9L		
CSEM	III 11 13 43 09.6-06	36.84N	4.96W	20	4.1L		
LDG	III 11 13 43 09.6-12	36.89N	4.94W	10-0	3.9L		
SFS	III 11 13 43 09.0	36.95N	4.97W	0	3.6L		
MDD	III 11 13 43 09.4-15	36.93N	4.93W	8-1	3.7		
NEIC	III 11 13 43 09.4	36.91N	4.94W	2	3.7,3.6L		
CNRM	III 11 13 43 10.9	36.99N	4.99W	30	3.9,3.6L		
IGIL	III 11 13 43 10.6	36.90N	4.90W	24	4.1L,3.6L		

ISC Event type fe. Error ellipse: s-maj=26.1km s-min=5.3km az=68.3.

MOS Event type fe. Error ellipse: s-maj=2.1km s-min=1.7km az=14.6.

INMG Event type ke. Error ellipse: s-maj=1.3km s-min=1.2km az=29.0.

CSEM Event type ke. Error ellipse: s-maj=1.3km s-min=1.2km az=26.0.

LDG Event type ke. Error ellipse: s-maj=2.7km s-min=1.8km az=171.0.

MDD Event type fe. Error ellipse: s-maj=1.7km s-min=1.5km az=170.0. EMS: III CAQUETE LA REAL. PRXIMO II-III CUEVAS DEL BECERRO ARDALES II ALMARGEN TEBA I CAMPILLOS CARRATRACA EL BURGO.

NEIC Event type fe. Felt [III] at Ardales, Canete la Real, Cuevas del Becerro and Ronda; [II] at Almagren and Tera; [I] at Campillos, Carratraca and El Burgo, Spain. After MDD.

(385) Strait of Gibraltar

III	11 16 15 09.0-28	37.03N-02	4.97W-02	12-2	2.41	0-11	
ISCJB	III 11 16 15 07.8-31	37.05N-02	4.97W-02	13-2		¶10601943	
IGIL	III 11 16 15 09.5-33	37.00N	4.90W	11-0	3.5L		
SFS	III 11 16 15 09.0	36.90N	4.90W	0	3.2L		
INMG	III 11 16 15 09.1-1.1	36.94N	4.99W	3-3	3.3L		
LDG	III 11 16 15 09.8-13	36.89N	4.96W	10-0	3.6L		
NEIC	III 11 16 15 09.7	36.91N	4.93W	2	3.5L,3.3		
MDD	III 11 16 15 09.7-18	36.92N	4.93W	10-0	3.3,3.3		
CSEM	III 11 16 15 10.0-08	36.85N	4.96W	20	3.7L,3.3		
CNRM	III 11 16 15 12.5	36.93N	4.91W	30	3.7,3.3		

ISC Event type fe. Error ellipse: s-maj=3.2km s-min=2.3km az=6.8.

IGIL Error ellipse: s-maj=384.6km s-min=469.7km az=-1.0.

INMG Event type ke. Error ellipse: s-maj=2.1km s-min=1.3km az=17.0.

LDG Event type ke. Error ellipse: s-maj=3.0km s-min=2.0km az=5.0.

NEIC Event type fe. Felt [II] at Ardales, Canete la Real and Ronda, Spain. After MDD.

MDD Event type fe. Error ellipse: s-maj=1.9km s-min=1.6km az=1.0. EMS: II ARDALES. PRXIMO.

CSEM Event type ke. Error ellipse: s-maj=2.0km s-min=1.2km az=11.0.

(385) Strait of Gibraltar

III	11 17 40 11.8-30	37.01N-02	4.97W-02	9-2	1.49	0-7	
ISCJB	III 11 17 40 10.7-33	37.10N-02	4.99W-02	2-2		¶10601998	
CSEM	III 11 17 40 12.4-07	36.92N	4.96W	0-0	3.5L		
INMG	III 11 17 40 12.3-1.6	36.94N	4.95W	11-4	2.9L		
IGIL	III 11 17 40 12.4	37.00N	4.90W	14	2.7L		
SFS	III 11 17 40 12.0	36.94N	4.95W	0	2.8L		
MDD	III 11 17 40 12.5-18	36.93N	4.94W	7-3	2.9		

ISC Event type fe. Error ellipse: s-maj=3.7km s-min=2.5km az=19.7.

CSEM Event type ke. Error ellipse: s-maj=1.9km s-min=1.1km az=8.0.

INMG Event type ke. Error ellipse: s-maj=2.6km s-min=2.1km az=51.0.

MDD Event type fe. Error ellipse: s-maj=2.1km s-min=1.6km az=162.0. EMS: II CAQUETE LA REAL. CUEVAS DEL BECERRO. PRXIMO.

(238) Ryukyu Islands

III	11 17 42 32.1-46	26.63N-05	127.96E-05	67-5	3.4b	34	0-72
ISC	III 11 17 42 31.5-78	25.21N	128.18E	0	3.7b,3.7	¶10602000	
IDC	III 11 17 42 23.2-6.4	26.11N	128.84E	35	4.0,3.7		
NEIC	III 11 17 42 31.0-46	26.62N-06	127.95E-06	74-4	3.4b,3.7		
ISCJB	III 11 17 42 32.5-20	26.68N	127.93E	65-2	4.0,3.7		

ISC Event type fe. Error ellipse: s-maj=216.3km s-min=137.9km az=31.0.

IDC Event type fe. Error ellipse: s-maj=124.0km s-min=21.3km az=134.0. Recorded [1 JMA] on Okinawa.

NEIC Event type fe. Error ellipse: s-maj=11.7km s-min=4.0km az=97.8.

ISCJB Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.

JMA **(228) Near east coast of eastern Honshu**

III	11 18 51 00.0-90	38.17N-04	141.76E-09	47-9	3.5b	25	0-62
IDC	III 11 18 50 53.4-1.6	38.14N	141.92E	0	3.7,3.6b	¶10602035	
ISC	III 11 18 50 59.0-87	38.17N-05	141.76E-09	57-7	3.5b,3.6b		
JMA	III 11 18 51 00.6-10	38.18N	141.69E	50-1	4.1,3.6b		
NIED	III 11 18 51 00	38.20N	141.70E	77	3.9W,3.6b		

ISC Event type fe. Error ellipse: s-maj=44.5km s-min=22.7km az=77.0.

IDC Error ellipse: s-maj=13.2km s-min=6.2km az=43.4.

ISCJB Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=210.00000°,δ25.00000°,λ101.00000°. NP2:φ=18.00000°,δ65.00000°,λ85.00000°. Principal axes: T Plg69.0000°,Az=278.0000°. N Plg5.0000°,Az=20.0000°. P Plg20.0000°,Az=112.0000°.

JMA Moment Tensor Solution. Best double couple: NP1:φ=34.00000°,δ68.00000°,λ78.00000°. NP2:φ=243.00000°,δ25.00000°,λ117.00000°. M=7.52000×10¹⁴

(460) Wyoming

III	11 19 00 18.0-51	43.75N-04	105.29W-06	0	4.6b	23	1-61
IDC	III 11 19 00 15.9-2.0	43.44N	105.29W	0	4.4b,4.0	¶10602040	
ISCJB	III 11 19 00 16.6-54	43.75N-04	105.26W-07	0	4.6b,4.0		
NEIC	III 11 19 00 17.7-52	43.72N	105.20W	0	3.1L,4.0		

ISC Event type fm. Error ellipse: s-maj=45.8km s-min=8.7km az=153.0.

IDC Event type fm. Error ellipse: s-maj=7.6km s-min=5.4km az=46.6.

NEIC Event type fm. Error ellipse: s-maj=7.6km s-min=6.8km az=95.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.

(228) Near east coast of eastern Honshu

III	11 22 06 45.3-40	40.14N-02	142.39E-04	45-3	5.0b,4.5s	388	0-155
ISC	III 11 22 06 45.3-40	40.14N-02	142.39E-04	45-3	5.0b,4.5s	¶10602130	
NIED	III 11 22 06 37.8	40.07N	142.73E	23	5.0b,5.0b		
BJI	III 11 22 06 39.1-69	40.08N	142.36E	3-4	5.0W,5.0b		
NEIC	III 11 22 06 39.1-40	40.16N	142.57E	49-1	5.0W,5.0b		
HRVD	III 11 22 06 39.4	38.88N	142.67E	33	5.2b,4.4s		
SZGRF	III 11 22 06 44.5-37	40.13N-03	142.35E-04	51-2	5.0b,4.5s		
ISCJB	III 11 22 06 44.2-77	40.35N	142.25E	37	5.2b,4.6s		
MOS	III 11 22 06 44.0-10	40.12N	142.45E	35-1	5.0,4.6s		
JMA	III 11 22 06 46.5-2.1	40.05N	142.41E	60-18	4.6,4.4		

ISC Event type fe. Moment Tensor Solution. Best double couple: NP1:φ=22.00000°,δ73.00000°,λ89.00000°. NP2:φ=206.00000°,δ17.00000°,λ93.00000°. M=3.77000×10¹⁶

IDC Event type fe. Error ellipse: s-maj=5.9km s-min=4.9km az=123.0. Recorded [3 JMA] in Aomori and Iwate; [2 JMA] in Miyagi; [1 JMA] in Akita Prefectures. Also recorded [2 JMA] in south-central Hokkaido. Moment Tensor Solution. M=3.80000×10¹⁶

HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s40,c52; Mantle waves: s74,c118; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr:3.38; 22 M₀-1.14; M₀-3.23; 15; M₀-1.21; 10; M₀-1.00; 11; M₀-2.46; 13;

Best double couple: NP1:φ=190.00000°,δ26.00000°,λ79.00000°. NP2:φ=23.00000°,δ64.00000°,λ96.00000°. Principal axes: T 4.3570,Plg70.0000°,Az=304.00000°; N 0.1030,Plg5.0000°,Az=200.0000°; P -4.4630,Plg19.0000°,Az=108.0000°

M=4.41000×10¹⁶ Near east coast of eastern Honshu, Japan.

SZGRF Event type fe. Error ellipse: s-maj=5.1km s-min=3.6km az=73.1.

ISCJB Event type fe. Error ellipse: s-maj=9.0km s-min=4.5km az=109.0.

MOS Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=198.00000°,δ34.00000°,λ103.00000°. NP2:φ=3.00000°,δ57.00000°,λ82.00000°. Az=99.00000°. T Plg76.0000°,Az=248.0000°; N Plg7.0000°,Az=8.0000°; P Plg12.0000°.

NEIC Error ellipse: s-maj=14.6km s-min=11.6km az=100.0.

(163) Cook Strait

III	12 13 06 26.4-60	40.12S-03	174.97E-07	26-5	34	0-97	
ISC	III 12 13 06 26.2-57	40.12S-03	174.96E-07	29-5		¶10602481	
ISCJB	III 12 13 06 26.6-12	40.12S	174.99E	25-1	4.2L		
WEL	III 12 13 06 26.0	40.13S	174.90E	29	4.2L		
NEIC	III 12 13 06 26.0	40.10S	174.90E	29	5.3b,5.2b		

HRVD Event type fe. Error ellipse: s-maj=9.5km s-min=4.1km az=15.1.

ISCJB Event type fe. Error ellipse: s-maj=2.0km s-min=0.8km az=90.0. Felt between Taranaki, Canterbury and Hawke's Bay, maximum reported intensity. MM 5.

WEL Event type fe. Felt at Wanganui. After WEL.

NEIC **(190) New Ireland region**

III	12 20 54 50.0-13	5.07S-02	153.66E-03	46	5.7b,5.1s	374	8-159
ISC	III 12 20 54 51.8-13	5.07S-02	153.63E-03	44	5.7b,5.1s	¶10602660	
ISCJB	III 12 20 54 53.9	4.63S	153.73E	45	5.6b,5.6b		
BJI	III 12 20 54 53.9-46	5.10S	153.65E	53-3	5.4,5.1		
IDC	III 12 20 54 53.5-13	5.08S	153.66E	47	5.9b,5.8W		
NEIC	III 12 20 54 53.5-10	5.31S	153.55E	54	5.8W,5.8W		
HRVD	III 12 20 54 53.0-1.1	5.04S	153.65E	48	6.0b,5.1s		

MOS Event type fe. Error ellipse: s-maj=4.2km s-min=2.8km az=109.3.

ISCJB Error ellipse: s-maj=9.8km s-min=7.9km az=90.0.

IDC Event type fe. Error ellipse: s-maj=5.2km s-min=4.4km az=100.0. Felt at Buka. Moment Tensor Solution. M=1.30000×10¹⁸ Moment Tensor Solution. s13 Moment tensor: Scale 10¹⁷ Nm; Mr:1.59 M₀-1.14 M₀-0.45 M₀-1.15 M₀-6.27 M₀-4.91 Best double couple: NP1:φ=178.00000°,δ82.00000°,λ120.00000°. NP2:φ=282.00000°,δ31.00000°,λ116.00000°.

Principal axes: T 6.4800,Plg45.0000°,Az=118.0000°; N -1.4700,Plg29.0000°,Az=353.0000°; P -5.0000,Plg31.0000°,Az=244.0000° M=5.70000×10¹⁷

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s96,c192; Mantle waves: s101,c258; Half duration: 19 Moment tensor: Scale 10¹⁷ Nm; Mr:2.19; 06 M₀-10.4; M₀-2.29; 05; M₀-1.09; 04; M₀-2.59; 05; M₀-4.74; 05;

Best double couple: NP1:φ=295.00000°,δ31.00000°,λ24.00000°. NP2:φ=184.00000°,δ78.00000°,λ118.000

Best double couple: NP1:φ208.00000°,δ27.00000°,λ93.00000°; NP2:φ24.00000°,δ63.00000°,λ89.00000°. Principal axes: T 3.3050,Plg72.0000°,AzM291.0000°; N 0.4340,Plg1.0000°,AzM25.0000°; P -3.7430,Plg18.0000°,AzM115.0000°; M:3.52400×10¹⁶

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=2.7km az=1.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.8km s-min=2.7km az=139.5.
 NEIC Event type fe. Error ellipse: s-maj=4.6km s-min=3.0km az=170.0. Recorded [2 JMA] in Chiba, Ibaraki and Tochigi; [1 JMA] in Fukushima, Gumma, Miyagi, Saitama and Tokyo Prefectures. Moment Tensor Solution. M2.50000×10¹⁶

SZGRF Near east coast of eastern Honshu, Japan.
 MOS Error ellipse: s-maj=8.2km s-min=4.5km az=113.9.
 IDC Error ellipse: s-maj=13.2km s-min=11.3km az=85.0.
(228) Near east coast of eastern Honshu

ISC	III	13 06 55 52.5--20	36.02N--03	141.60E--03	33	4.8b,4.4s	235	1-147
								¶10602894
BJI	III	13 06 55 49.1	35.95N	141.38E	20	5.0b,4.8b		
JMA	III	13 06 55 49.8--20	36.05N	141.73E	56-4	4.9,4.8b		
ISCJB	III	13 06 55 50.6--20	36.01N--03	141.60E--03	31	4.8b,4.4s		
IDC	III	13 06 55 50.1-4.2	35.98N	141.68E	19-26	4.5,4.5		
NEIC	III	13 06 55 52.4--25	35.98N	141.59E	32	4.8b,4.7W		
MOS	III	13 06 55 54.5--86	36.31N	141.46E	52	5.1b,4.3s		
SZGRF	III	13 06 55 54.3	35.92N	140.83E	28	5.0b,4.5s		
NIED	III	13 06 56 00	36.10N	141.80E	23	4.8W,4.5s		

ISC Event type fe.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=2.7km az=1.0.
 ISCJB Event type fe. Error ellipse: s-maj=4.0km s-min=3.2km az=158.8.
 IDC Error ellipse: s-maj=15.8km s-min=12.9km az=97.0.
 NEIC Event type fe. Error ellipse: s-maj=6.9km s-min=5.1km az=170.0. Recorded [1 JMA] in Chiba, Fukushima, Ibaraki and Tochigi Prefectures. Moment Tensor Solution. M:1.60000×10¹⁶

MOS Error ellipse: s-maj=8.6km s-min=5.2km az=110.2.
 SZGRF Near east coast of eastern Honshu, Japan.
 NIED Moment Tensor Solution. Best double couple: NP1:φ25.00000°,δ68.00000°,λ84.00000°; NP2:φ222.00000°,δ23.00000°,λ106.00000°. M:1.62000×10¹⁶

(718) Hindu Kush region

ISC	III	13 10 05 28.0--14	36.49N--02	70.16E--02	170	4.7b	360	3-149
								¶10602956
MOS	III	13 10 05 25.2-2.0	36.46N	70.28E	150	5.0b		
ISCJB	III	13 10 05 26.5--14	36.48N--02	70.12E--02	168	4.7b		
NEIC	III	13 10 05 27.9--24	36.48N	70.14E	170	4.8b		
IDC	III	13 10 05 27.8--45	36.44N	70.12E	172-4	4.9,4.5		
BJI	III	13 10 05 27.1	36.58N	70.06E	171	5.0b,4.9b		
SZGRF	III	13 10 05 28.4	36.41N	70.08E	151	4.0b,4.9b		
NNC	III	13 10 05 35.2-2.5	37.21N	69.99E	205-22	5.6,4.2b		

ISC Event type fe.
 MOS Error ellipse: s-maj=6.5km s-min=4.3km az=96.8.
 ISCJB Event type fe. Error ellipse: s-maj=2.8km s-min=2.1km az=112.7.
 NEIC Event type fe. Error ellipse: s-maj=6.2km s-min=5.6km az=47.0. Felt at Chitral, Dir, Islamabad, Mansehra and Peshawar, Pakistan.
 IDC Error ellipse: s-maj=9.4km s-min=9.2km az=28.0.
 SZGRF Hindu Kush, Afghanistan, region.
 NNC Error ellipse: s-maj=22.1km s-min=14.7km az=30.0.

(159) North Island

ISC	III	13 11 02 14.3--48	39.99S--02	176.93E--06	48-5	4.7b,3.9s	135	0-155
								¶10602983
ISCJB	III	13 11 02 13.4--48	39.99S--03	176.93E--06	60-4	4.7b,3.9s		
WEL	III	13 11 02 16.1--16	39.90S	176.80E	47-1	4.6L,3.9s		
NEIC	III	13 11 02 16.1	39.90S	176.83E	47	4.7L,4.3b		
IDC	III	13 11 02 16.1-3.1	39.80S	176.66E	40-24	4.4,4.4		
BJI	III	13 11 02 16.1	39.90S	176.80E	47	5.7b,5.2b		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=8.0km s-min=3.5km az=38.5.
 WEL Event type fe. Error ellipse: s-maj=1.6km s-min=0.8km az=90.0. Felt between King Country, Marlborough and Hawke's Bay, maximum reported intensity MM 5.
 NEIC Event type fe. Felt in the Hawke's Bay area. After WEL.
 IDC Error ellipse: s-maj=31.6km s-min=20.6km az=135.0.

(385) Strait of Gibraltar

MDD	III	13 11 33 22.6--19	36.92N	4.94W	10-0	3.1		
								¶10602996
INMG	III	13 11 33 21.8--1.1	36.94N	4.99W	1-3	3.0L		
IGIL	III	13 11 33 22.5	36.90N	5.00W	1	3.3L		
CSEM	III	13 11 33 22.6--06	37.00N	5.00W	5	3.6L		
NEIC	III	13 11 33 22.6	36.92N	4.94W	10	3.1		
SFS	III	13 11 33 22.0	36.92N	4.99W	0	2.6L		

MDD Event type fe. Error ellipse: s-maj=2.0km s-min=1.6km az=0.0. EMS: II CAQUETE LA REAL ALMARGEN, PRXIMO.
 INMG Event type ke. Error ellipse: s-maj=2.1km s-min=1.4km az=24.0.
 CSEM Event type ke. Error ellipse: s-maj=1.6km s-min=0.9km az=4.0.
 NEIC Event type fe. Felt [I] at Almagren and Canete la Real, Spain. After MDD.

(135) Near coast of central Chile

ISC	III	13 14 17 26.2--50	31.02S--03	71.46W--08	70-5	4.2b	57	1-176
								¶10603061
ISCJB	III	13 14 17 25.3--49	31.03S--03	71.45W--07	76-4	4.2b		
IDC	III	13 14 17 25.7--71	31.01S	71.45W	66-4	4.2,4.1b		
NEIC	III	13 14 17 25.7--38	30.99S	71.34W	63	4.6b,4.1b		
GUC	III	13 14 17 25.9--59	31.03S	71.41W	62-8	4.4L,4.1b		
BJI	III	13 14 17 25.7	31.00S	71.30W	62	5.3b,4.8s		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=10.6km s-min=5.0km az=177.6.
 IDC Error ellipse: s-maj=20.6km s-min=10.4km az=22.0.
 NEIC Event type fe. Error ellipse: s-maj=10.9km s-min=4.9km az=90.0. Felt [III] at Illapel and [II] at Canela Baja and Salamanca.
 GUC Error ellipse: s-maj=1.4km s-min=7.3km az=1.0.

(249) Luzon

ISC	III	13 22 33 51.9--19	15.09N--02	120.38E--03	119-2	4.8b	243	1-122
								¶10603245
SZGRF	III	13 22 33 38.7	14.12N	120.30E	33	5.0b		
ISCJB	III	13 22 33 50.7--20	15.09N--02	120.35E--03	123-2	4.8b		
MAN	III	13 22 33 50.8	15.13N	120.19E	107	5.2L,4.3b		
MOS	III	13 22 33 51.9--85	15.05N	120.42E	138	4.7b,3.4b		
BJI	III	13 22 33 51.3	15.09N	120.50E	130	5.1b,4.7b		
IDC	III	13 22 33 53.2--42	14.95N	120.43E	142-3	4.7,4.4		
NEIC	III	13 22 33 53.0--54	15.01N	120.41E	136-5	4.7b,4.4		

ISC Event type fe.
 SZGRF Luzon, Philippine Islands.
 ISCJB Event type fe. Error ellipse: s-maj=4.7km s-min=2.8km az=165.5.
 MAN Event type fe. F STA CRUZ ZAMBALES - INTENSITY II MANILA - INTENSITY I.
 MOS Error ellipse: s-maj=14.3km s-min=5.8km az=121.7.
 IDC Error ellipse: s-maj=16.4km s-min=7.2km az=68.0.
 NEIC Event type fe. Error ellipse: s-maj=6.6km s-min=3.9km az=71.0. Felt [II PIVS] at Santa Cruz and [I PIVS] at Baguio and Manila.

(226) Near west coast of eastern Honshu

JMA	III	14 03 01 58.2	37.50N	138.17E	27-1	3.5		
								¶10603335
NIED	III	14 03 02 00	37.50N	138.20E	14	3.5W		

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ55.00000°,δ39.00000°,λ91.00000°; NP2:φ233.00000°,δ51.00000°,λ89.00000°. Principal axes: T Plg84.0000°,AzM135.0000°; N Plg1.0000°,AzM234.0000°; P Plg6.0000°,AzM324.0000°
 NIED Moment Tensor Solution. Best double couple: NP1:φ67.00000°,δ57.00000°,λ99.00000°; NP2:φ231.00000°,δ34.00000°,λ77.00000°. M:1.90000×10¹⁴

(250) Mindoro

MAN	III	14 06 53 41.5	13.48N	120.76E	1	6.1s,4.3L		
								¶10603421

MAN Event type fe. F PTO GALERA - INTENSITY II.
(272) Seram

ISC	III	14 06 57 34.4--12	3.56S--02	127.31E--03	33	6.6s,6.4b	560	10-169
								¶10603426
BJI	III	14 06 57 25.5	4.23S	127.88E	29	6.9b,6.7s		
IDC	III	14 06 57 29.8--93	3.57S	127.23E	8-4	6.5s,6.5		
ISCJB	III	14 06 57 32.0--12	3.57S--02	127.30E--03	31	6.6s,6.4b		
MOS	III	14 06 57 32.9--1.2	3.51S	127.15E	33	6.6b,6.6s		
HRVD	III	14 06 57 33.9--10	3.35S	127.31E	13	6.7W,6.6s		
NEIC	III	14 06 57 33.9--12	3.60S	127.21E	30	7.0,6.7W		
BGS	III	14 06 57 34.2	3.60S	127.23E	33	7.0,6.7W		
SZGRF	III	14 06 58 11.6	1.25N	127.92E	35	6.7b,6.7W		

ISC Event type de.
 IDC Error ellipse: s-maj=7.3km s-min=4.9km az=73.0.
 ISCJB Event type de. Error ellipse: s-maj=4.2km s-min=2.3km az=125.0.

MOS Error ellipse: s-maj=8.8km s-min=5.1km az=111.2.
 HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=125s. Centroid Moment Tensor Solution. LP body waves: s111,c283; Mantle waves: s105,c412; Half duration: 55s Moment tensor: Scale 1019Nm; M=0.36±0.01 Mw0.67±0.01; Mw=0.31±0.01; Me=0.70±0.02; Mm=1.18±0.01; M=0.54±0.02; Best double couple: NP1:φ284.00000°,δ69.00000°,λ11.00000°; NP2:φ191.00000°,δ80.00000°,λ159.00000°. Principal axes: T 1.8170,Plg22.0000°,AzM146.0000°; N -0.7120,Plg67.0000°,AzM347.0000°; P -1.1050,Plg7.0000°,AzM239.0000°; M:1.46100×10¹⁹

NEIC Event type de. Error ellipse: s-maj=6.3km s-min=4.1km az=70.0. At least three people killed and one missing due to a local tsunami with an observed wave height [peak-to-trough] of 7 meters on Buru. Maximum run-in was about 100 meters. Ground cracks about 500 meters long with maximum width of about 15 centimeters were observed in the area. Liquefaction was also observed in the area. One hundred sixteen houses damaged or destroyed at Pela, 54 at Batu Jugku, 30 at Waimorot, 25 at Waitawa and 16 at Waimoly. Felt [VI] at Namlea, Buru and [V] at Ambon. Energy computed from BB mechanism. Moment Tensor Solution. M2.50000×10¹⁹ Moment Tensor Solution. s16 Moment tensor: Scale 1019Nm; M=0.12 Mw0.02 Mw=0.14 Mw=0.49 Mw=0.60 Mw=0.71 Best double couple: NP1:φ209.00000°,δ86.00000°,λ145.00000°; NP2:φ302.00000°,δ55.00000°,λ5.00000°. Principal axes: T 1.5100,Plg27.0000°,AzM160.0000°; N 0.0100,Plg55.0000°,AzM23.0000°; P -1.5100,Plg21.0000°,AzM261.0000°; M:1.50000×10¹⁹ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ177.00000°,δ66.00000°,λ141.00000°; NP2:φ285.00000°,δ55.00000°,λ30.00000°. Principal axes: T Plg44.0000°,AzM137.0000°; N Plg0.0000°,AzM0.0000°; P Plg7.0000°,AzM233.0000°

SZGRF Halmahera, Indonesia.
(363) Greece-Bulgaria border region

ISC	III	14 08 06 49.2--32	41.67N--02	25.43E--03	10		76	0-6
								¶10603469
SOF	III	14 08 06 47.8	41.70N	25.45E	12	3.4		
SKO	III	14 08 06 47.0	41.48N	25.69E	0	3.4		
CSEM	III	14 08 06 48.5--10	41.73N	25.40E	8	3.4		
ISCJB	III	14 08 06 48.6--31	41.69N--02	25.38E--03	10	3.4		
THE	III	14 08 06 51.2	41.64N	25.57E	21	4.0L		
ATH	III	14 08 06 52.6	41.33N	25.22E	16-6	3.8		
NEIC	III	14 08 06 52.6	41.33N	25.22E	16	3.8		

ISC Event type fe.
 CSEM Event type ke. Error ellipse: s-maj=2.4km s-min=2.0km az=78.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.4km s-min=2.8km az=84.4.
 ATH Error ellipse: s-maj=9.5km s-min=5.3km az=1.0.
 NEIC Event type fe. Felt at Kurdzhali. After ATH.
(363) Greece-Bulgaria border region

ISC	III	14 08 26 06.2--36	41.72N--03	25.43E--03	10		39	0-3
								¶10603476
CSEM	III	14 08 26 05.8--06	41.73N	25.48E	5	2.8		
SOF	III	14 08 26 05.1	41.69N	25.45E	14	2.8		
ISCJB	III	14 08 26 05.6--36	41.72N--03	25.43E--03	10	2.8		
ATH	III	14 08 26 06.9	41.61N	25.36E	5-3	3.5		
NEIC	III	14 08 26 06.9	41.61N	25.36E	5	3.5		
THE	III	14 08 26 09.1	41.63N	25.60E	21	3.3L		

ISC Event type fe.
 CSEM Event type ke. Error ellipse: s-maj=1.5km s-min=1.1km az=13.0.
 ISCJB Event type fe. Error ellipse: s-maj=4.2km s-min=3.2km az=41.8.
 ATH Error ellipse: s-maj=2.0km s-min=1.2km az=1.0.
 NEIC Event type fe. Felt at Kurdzhali. After ATH.
(363) Greece-Bulgaria border region

ISC	III	14 08 39 04.8--25	41.68N--02	25.43E--02	10		75	0-6
								¶10603485
SOF	III	14 08 39 03.9	41.72N	25.45E	10	3.3		
CSEM	III	14 08 39 04.2--05	41.70N	25.49E	12	3.3		
ISCJB	III	14 08 39 04.0--25	41.69N--02	25.42E--02	10	3.3		
ATH	III	14 08 39 06.6	41.52N	25.32E	25-0	3.7		
NEIC	III	14 08 39 06.6	41.52N	25.32E	25	3.7		
THE	III	14 08 39 07.3	41.65N	25.59E	24	3.8L		

ISC Event type fe.
 CSEM Event type ke. Error ellipse: s-maj=1.3km s-min=1.1km az=29.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.2km s-min=2.4km az=19.9.
 ATH Error ellipse: s-maj=2.4km s-min=1.2km az=1.0.
 NEIC Event type fe. Felt at Kurdzhali. After ATH.
(162) South Island

WEL	III	14 10 32 07.1--12	41.61S	173.59E	58-2	3.9L		
								¶10603542
NEIC	III	14 10 32 07.3	41.62S	173.60E	51	3.8L		
WEL	III	14 10 32 07.3	41.62S	173.60E	51	3.8L		

Event type fe. Error ellipse: s-maj=1.2km s-min=1.2km az=0.0. Felt from Marlborough to Wellington, maximum reported intensity MM 4.
 NEIC Event type fe. Felt at Blenheim. After WEL.
(224) Hokkaido region

ISC	III	15 03 25 13.8--35	41.58N--03	142.04E--05	67-3	3.9b	57	1-100
								¶10603975
ISCJB	III	15 03 25 12.8--35	41.57N--03	142.03E--05	73-3	3.9b		
JMA	III	15 03 25 13.2--20	41.56N	142.05E	66-3	3.6		
MOS	III	15 03 25 13.4--1.1	41.55N	142.05E	83	4.1b		
IDC	III	15 03 25 14.8--1.9	41.48N	142.00E	77-17	3.8,3.7		
NEIC	III	15 03 25 16.6--63	41.42N	142.05E	100	4.1b,3.7		

NEIC III 15 14 19 48.0-18 21.16S 33.58E 7 5.7,5.6W
 BJI III 15 14 19 48.2 20.72S 33.53E 13 5.8b,5.6s
 HRVD III 15 14 19 48.7-10 20.98S 33.36E 12 5.6W,5.6s
 ISC Mozambique.
 SZGRF
 PRE Error ellipse: s-maj=15.5km s-min=19.2km az=-1.0.
 IDC Error ellipse: s-maj=16.8km s-min=11.5km az=82.0.
 ISCJB Event type fe. Error ellipse: s-maj=4.7km s-min=4.2km az=3.4.
 MOS Error ellipse: s-maj=12.7km s-min=3.9km az=99.2.
 NEIC Event type fe. Error ellipse: s-maj=5.9km s-min=5.2km az=74.0. Felt [III] at Beira. Felt at Maputo and Matola. Also felt at Mbabane, Swaziland and Harare and Mutema, Zimbabwe. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s7 Moment tensor: Scale 1017Nm; M_{rr}-1.97 M_{θθ}0.06 M_{φφ}1.92 M₁₁0.85 M₂₂-2.13 M₃₃1.18 Best double couple: NP1:φ=178.0000°; δ61.0000°; λ=46.0000°; NP2:φ=295.0000°; δ51.0000°; λ=142.0000°; Principal axes: T 3.3700,Plg6.0000°; Azm238.0000°; N -0.3000,Plg38.0000°; Azm333.0000°; P -3.0700,Plg52.0000°; Azm141.0000°; M3.20000×1017 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=78.0000°; δ42.0000°; λ=23.0000°; NP2:φ=185.0000°; δ75.0000°; λ130.0000°; Principal axes: T Plg20.0000°; Azm304.0000°; N Plg0.0000°; Azm0.0000°; P Plg45.0000°; Azm55.0000°

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s83,c153; Mantle waves: s99,c200; Half duration: 1s5 Moment tensor: Scale 1017Nm; M_{rr}-1.75±0.04 M_{θθ}-0.36±0.04; M_{φφ}2.11±0.04; M₁₁0.88±0.11; M₂₂-1.65±0.04; M₃₃0.90±0.11; Best double couple: NP1:φ=301.0000°; δ52.0000°; λ=141.0000°; NP2:φ=185.0000°; δ61.0000°; λ=46.0000°; Principal axes: T 2.9740,Plg5.0000°; Azm245.0000°; N -0.2690,Plg38.0000°; Azm339.0000°; P -2.7100,Plg52.0000°; Azm148.0000°; M₂2.84200×1017

(460) Wyoming
 ISC III 15 21 06 10.7-53 43.77N-04 105.24W-06 0 5.0b 33 1-61
 IDC III 15 21 06 07-2-4 43.28N 105.18W 0 3.8,3.6 ¶10604453
 ISCJB III 15 21 06 09.2-59 43.74N-05 105.24W-07 0 5.0b,3.6
 NEIC III 15 21 06 10.7-39 43.72N 105.20W 0 3.3L,3.6
 ISC Event type fm.
 IDC Error ellipse: s-maj=50.0km s-min=9.0km az=154.0.
 ISCJB Event type fm. Error ellipse: s-maj=7.9km s-min=6.5km az=52.2.
 NEIC Event type fm. Error ellipse: s-maj=5.8km s-min=4.4km az=127.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.

(227) Eastern Honshu
 ISC III 15 21 24 21.9-39 35.26N-03 137.05E-05 48-6 3.5b 29 0-59
 NIED III 15 21 24 20 35.30N 137.10E 53 3.9W ¶10604460
 ISCJB III 15 21 24 21.1-40 35.25N-04 137.06E-05 57-6 3.5b
 JMA III 15 21 24 21.6 35.28N 137.05E 43 4.0
 IDC III 15 21 24 22.1-1.9 35.23N 137.12E 54-24 3.7L,3.4
 NEIC III 15 21 24 22.4-98 35.28N 137.09E 58-13 4.1b,3.4
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=202.0000°; δ74.0000°; λ81.0000°; NP2:φ=53.0000°; δ19.0000°; λ120.0000°; M8.86000×1014
 Error ellipse: s-maj=6.3km s-min=5.8km az=126.5.
 ISCJB Event type fe. Error ellipse: s-maj=6.3km s-min=5.8km az=126.5.
 JMA Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=45.0000°; δ17.0000°; λ114.0000°; NP2:φ=200.0000°; δ74.0000°; λ83.0000°; Principal axes: T Plg60.0000°; Azm100.0000°; N Plg7.0000°; Azm202.0000°; P Plg29.0000°; Azm298.0000°

IDC Error ellipse: s-maj=27.4km s-min=12.8km az=56.0.
 NEIC Event type se. Error ellipse: s-maj=17.9km s-min=11.6km az=143.0.
 (277) Jawa
 ISC III 16 05 43 10.1-19 7.35S-03 106.77E-04 21 5.2b,4.3s 281 2-177
 BJI III 16 05 43 06.7 7.40S 106.70E 20 5.1b,5.1b ¶10604619
 ISCJB III 16 05 43 07.7-19 7.36S-04 106.77E-04 19 5.2b,4.3s
 HRVD III 16 05 43 09.7-30 7.89S 106.76E 50-1 5.0W,4.3s
 NEIC III 16 05 43 09.7-1.7 7.37S 106.72E 20-11 5.2b,4.3s
 MOS III 16 05 43 10.9-1.3 7.11S 106.77E 33 5.4b,4.3s
 IDC III 16 05 43 11.9-1.3 7.37S 106.72E 36-9 4.9,4.8
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=6.2km s-min=4.1km az=99.4.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s58,c86; Mantle waves: s69,c104; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_{rr}3.70±1.19 M_{θθ}-4.18±1.13; M_{φφ}0.47±1.17; M₁₁2.07±1.11; M₂₂1.51±1.13; M₃₃-0.13±1.14; Best double couple: NP1:φ=295.0000°; δ33.0000°; λ104.0000°; NP2:φ=99.0000°; δ58.0000°; λ81.0000°; Principal axes: T 4.2270,Plg75.0000°; Azm345.0000°; N 0.8640,Plg7.0000°; Azm104.0000°; P -5.0930,Plg13.0000°; Azm195.0000°; M₄4.66000×1016

NEIC Event type fe. Error ellipse: s-maj=6.5km s-min=3.9km az=47.0. Felt [III] at Bandung and [II] at Tangerang.
 MOS Error ellipse: s-maj=10.1km s-min=5.9km az=115.2.
 IDC Error ellipse: s-maj=15.4km s-min=9.9km az=45.0.
 (706) Northern Sumatera
 ISC III 16 15 12 16.9-19 5.12N-03 94.78E-02 51 5.2b,4.5s 462 5-160
 SZGRF III 16 15 12 11.4 4.70N 95.14E 33 5.4b,4.5s ¶10604856
 MOS III 16 15 12 13.4-89 5.25N 94.83E 33 5.5b,4.7s
 ISCJB III 16 15 12 14.6-19 5.08N-03 94.78E-02 49 5.2b,4.5s
 BJI III 16 15 12 14.7 4.99N 94.73E 59 5.3b,5.1b
 CRAAG III 16 15 12 15.8 5.28N 94.83E 59 5.3b,5.1b
 HRVD III 16 15 12 16.4-40 4.84N 94.64E 46-1 5.0W,5.1b
 IDC III 16 15 12 16.5-53 5.09N 94.79E 52-4 4.9,4.7
 NEIC III 16 15 12 16.4-14 5.07N 94.78E 50 5.3b,4.7
 ISC Event type fe.
 SZGRF Northern Sumatera, Indonesia.
 MOS Error ellipse: s-maj=8.2km s-min=4.1km az=121.6.
 ISCJB Event type fe. Error ellipse: s-maj=4.8km s-min=3.5km az=12.3.
 HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s45,c66; Mantle waves: s64,c97; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_{rr}3.43±2.0 M_{θθ}-1.71±1.13; M_{φφ}-1.72±1.16; M₁₁2.01±1.11; M₂₂1.93±1.11; M₃₃-1.20±1.12; Best double couple: NP1:φ=324.0000°; δ29.0000°; λ105.0000°; NP2:φ=127.0000°; δ62.0000°; λ82.0000°; Principal axes: T 4.1720,Plg72.0000°; Azm18.0000°; N 0.1440,Plg7.0000°; Azm131.0000°; P -4.3160,Plg16.0000°; Azm223.0000°; M₄4.24400×1016

IDC Error ellipse: s-maj=12.6km s-min=7.6km az=38.0.
 NEIC Event type fe. Error ellipse: s-maj=5.4km s-min=3.4km az=204.0. Felt [III] at Banda Aceh.
 (117) Southern Peru
 ISC III 16 21 39 42.7-62 16.24S-09 71.8W-10 35 4.3b,3.1s 18 0-147
 ISCJB III 16 21 39 40.8-61 16.24S-08 71.92W-08 33 4.3b,3.1s ¶10605006
 NEIC III 16 21 39 40.7-2.9 16.31S 72.00W 25-20 4.2L,3.1s
 IDC III 16 21 39 48.9-3.1 16.28S 71.75W 97-27 4.2,4.0
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=13.9km s-min=8.5km az=88.4.
 NEIC Event type fe. Error ellipse: s-maj=25.4km s-min=17.7km az=73.0. Felt [III] at Mollendo and [II] at Arequipa.
 IDC Error ellipse: s-maj=27.5km s-min=18.5km az=69.0.
 (280) Banda Sea
 ISC III 17 13 07 20.9-14 7.52S-02 125.16E-03 386 5.2b 364 9-165
 MOS III 17 13 07 11.1-86 7.36S 124.94E 299 5.5b,4.6s ¶10605387
 BJI III 17 13 07 18.3 7.79S 125.47E 409 4.9b,4.9b
 ISCJB III 17 13 07 19.2-14 7.52S-02 125.11E-03 384 5.2b,4.9b
 NEIC III 17 13 07 20.6-09 7.47S 125.07E 384 5.6W,5.2b
 HRVD III 17 13 07 20.6-20 7.44S 125.23E 394-1 5.6W,5.2b
 IDC III 17 13 07 21.1-35 7.88S 125.07E 389-3 5.6,4.8b
 ISC Event type fe.
 MOS Error ellipse: s-maj=9.4km s-min=5.5km az=113.2.
 ISCJB Event type fe. Error ellipse: s-maj=4.4km s-min=2.4km az=140.1.
 NEIC Event type fe. Error ellipse: s-maj=4.8km s-min=3.1km az=65.0. Felt [IV] at Mobello. Felt [IV] at Dili, East Timor. Also at Darwin, Australia. Moment Tensor Solution. s7 Moment tensor: Scale 10¹⁷Nm; M_{rr}-2.80 M_{θθ}2.72 M_{φφ}0.08 M₁₁0.11 M₂₂0.44 M₃₃0.43 Best double couple: NP1: φ=253.0000°; δ47.0000°; λ=101.0000°; NP2:φ=89.0000°; δ44.0000°; λ=78.0000°; Principal axes: T 2.8000,Plg2.0000°; Azm351.0000°; N 0.0600,Plg8.0000°; Azm260.0000°; P -2.8600,Plg82.0000°; Azm93.0000°; M₂2.80000×1017

HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s93,c178; Half duration: 0 Moment tensor: Scale 10¹⁷Nm; M_{rr}-3.09±0.07 M_{θθ}3.11±0.10; M_{φφ}-0.01±0.13; M₁₁0.17±0.12; M₂₂0.72±0.11; M₃₃0.68±0.11; Best double couple: NP1:φ=89.0000°; δ44.0000°; λ=73.0000°.

NP2:φ=246.0000°; δ48.0000°; λ=106.0000°. Principal axes: T 3.2740,Plg2.0000°; Azm347.0000°; N -0.0330,Plg12.0000°; Azm257.0000°; P -3.2340,Plg78.0000°; Azm87.0000°; M₃2.5400×1017
 Error ellipse: s-maj=8.8km s-min=5.5km az=62.0.
 IDC (460) Wyoming

ISC III 17 19 03 38.3-59 43.72N-05 105.22W-08 0 4.3b 23 1-61
 IDC III 17 19 03 34.5-2.6 43.31N 105.16W 0 4.2L,4.2b ¶10605556
 ISCJB III 17 19 03 37.8-64 43.71N-05 105.31W-08 0 4.3b,4.2b
 NEIC III 17 19 03 38.6-61 43.72N 105.25W 0 3.0L,4.2b
 ISC Event type fm.
 IDC Error ellipse: s-maj=57.2km s-min=9.8km az=155.0.
 ISCJB Event type fm. Error ellipse: s-maj=8.6km s-min=7.1km az=31.6.
 NEIC Event type fm. Error ellipse: s-maj=8.8km s-min=7.8km az=127.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.

(144) Kenai Peninsula
 ISC III 17 20 54 37.4-18 60.98N-03 152.05W-05 113 4.7b 357 1-148
 BJI III 17 20 54 31.6 60.45N 151.67W 96 5.2b,5.1b ¶10605603
 MOS III 17 20 54 33.9-84 60.87N 152.24W 97 4.7b,5.1b
 IDC III 17 20 54 33.2-93 60.78N 152.46W 82-7 4.7,4.5
 ISCJB III 17 20 54 35.8-18 60.95N-03 152.09W-04 111 4.7b,4.5
 NEIC III 17 20 54 36.0 60.72N 151.95W 80 4.7b,4.5
 SZGRF III 17 20 54 52.1 63.00N 150.96W 122 5.0b,4.5
 ISC Event type fe.
 MOS Error ellipse: s-maj=9.5km s-min=4.3km az=88.1.
 IDC Error ellipse: s-maj=12.3km s-min=7.7km az=94.0.
 ISCJB Event type fe. Error ellipse: s-maj=4.4km s-min=2.8km az=40.5.
 NEIC Event type fe. Felt [V] at Kasilof; [IV] at Soldotna and Sterling; [III] at Anchor Point, Anchorage, Eagle River, Homer and Kenai; [II] at Palmer. Also felt at Chugiak, Elmendorf AFB, Fort Richardson, Girdwood, Ninilchik, Seward, Valdez, Wasilla and Willow. After AEIC.

SZGRF Central Alaska, United States.
 (162) North Island
 WEL III 18 06 51 14.2-16 42.18S 172.00E 8-1 3.8L
 NEIC III 18 06 51 14.0 42.16S 172.05E 8 3.8L ¶10605815
 WEL Event type fe. Error ellipse: s-maj=1.5km s-min=0.9km az=90.0. Felt in the West Coast region, maximum reported intensity MM 4.
 NEIC Event type se. After WEL.

(238) Ryukyu Islands
 ISC III 18 07 02 15.6-1.1 29.52N-03 130.25E-08 7-7 3.7b 21 0-579
 NIED III 18 07 02 00 29.60N 130.10E 8 3.8W ¶10605819
 IDC III 18 07 02 15.1-1.0 29.51N 130.31E 0 4.0,3.8b
 ISCJB III 18 07 02 16.7-91 29.54N-04 130.18E-08 22-8 3.7b,3.8b
 NEIC III 18 07 02 17.5 29.59N 130.12E 28 3.8,3.8b
 JMA III 18 07 02 17.4-1.0 29.59N 130.12E 28-3 3.8,3.8b
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=305.0000°; δ53.0000°; λ=94.0000°; NP2:φ=132.0000°; δ38.0000°; λ=85.0000°; M₆1.20000×1014
 Error ellipse: s-maj=39.3km s-min=19.1km az=92.0.
 IDC Event type fe. Error ellipse: s-maj=13.0km s-min=4.5km az=44.7.
 ISCJB Event type se. After JMA.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.
 (162) South Island
 WEL III 18 10 03 08.2-13 42.17S 172.02E 5 3.6L ¶10605886
 WEL Event type fe. Error ellipse: s-maj=1.5km s-min=1.0km az=90.0. Felt in the West Coast region, maximum reported intensity MM 4.

(244) Taiwan
 NEIC III 18 12 15 49.7 24.12N 121.63E 35 4.1L ¶10605952
 NEIC Event type fe. Recorded [2 TAP] in Hua-lien County. After TAP.

(224) Hokkaido region
 ISC III 18 12 19 19.3-33 41.58N-03 141.93E-04 66-3 4.1b 76 1-74
 NIED III 18 12 19 00 41.60N 141.90E 53 3.8W ¶10605955
 MOS III 18 12 19 18.9-89 41.56N 142.00E 86 4.2b
 ISCJB III 18 12 19 18.3-33 41.57N-03 141.92E-04 72-3 4.1b
 JMA III 18 12 19 19.0-10 41.59N 141.92E 65-2 3.7
 IDC III 18 12 19 19.9-1.7 41.58N 141.98E 74-14 3.8,3.7
 NEIC III 18 12 19 22.3-42 41.49N 141.87E 100 4.2b,3.7
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=21.0000°; δ70.0000°; λ90.0000°; NP2:φ=202.0000°; δ20.0000°; λ91.0000°; M₅0.06000×1014
 Error ellipse: s-maj=18.1km s-min=9.4km az=79.5.
 MOS Event type fe. Error ellipse: s-maj=6.4km s-min=3.9km az=75.0.
 ISCJB Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=180.0000°; δ23.0000°; λ68.0000°; NP2: φ=24.0000°; δ69.0000°; λ99.0000°; Principal axes: T Plg65.0000°; Azm309.0000°; N Plg8.0000°; Azm201.0000°; P Plg23.0000°; Azm107.0000°
 Error ellipse: s-maj=20.9km s-min=11.7km az=110.0.
 IDC Event type fe. Error ellipse: s-maj=12.0km s-min=6.4km az=114.0. Recorded [1 JMA] in southwestern Hokkaido. Also recorded [1 JMA] in Aomori Prefecture, Honshu.

(135) Near coast of central Chile
 ISC III 18 15 16 30.3-52 35.12S-03 72.33W-06 39 4.1b 47 1-19
 ISCJB III 18 15 16 29.5-54 35.10S-03 72.36W-06 39 3.9b ¶10606027
 NEIC III 18 15 16 29.7 35.13S 72.27W 39 4.2
 GUC III 18 15 16 29.7-81 35.13S 72.27W 39-2 4.2,4.2L
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=7.0km s-min=3.5km az=29.4.
 NEIC Event type fe. Felt [III] at Constitucion, Curico and Talca; [II] at Linares. After GUC.
 GUC Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0.

(160) Off east coast of North Island
 ISC III 18 17 56 19.5-92 38.97S-03 178.63E-10 35 3.9b 97 1-153
 ISCJB III 18 17 56 19.9-88 39.02S-03 178.79E-09 33 3.9b ¶10606103
 IDC III 18 17 56 16.3-1.4 38.89S 178.46E 0 4.2,4.1b
 NEIC III 18 17 56 21.9 38.84S 178.36E 47 4.4L,4.1b
 WEL III 18 17 56 21.8-36 38.84S 178.40E 31-1 4.3L,4.1b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=10.2km s-min=3.8km az=15.8.
 IDC Error ellipse: s-maj=36.4km s-min=25.9km az=21.0.
 NEIC Event type se. After WEL.
 WEL Event type fe. Error ellipse: s-maj=3.1km s-min=1.7km az=90.0. Felt in the Gisborne region, maximum reported intensity MM 4.

(460) Wyoming
 ISC III 18 18 58 24.4-48 43.74N-03 105.30W-05 0 4.1b 43 1-61
 IDC III 18 18 58 21.6-2.1 43.37N 105.22W 0 4.0b,3.9 ¶10606122
 ISCJB III 18 18 58 23.4-60 43.77N-04 105.39W-06 0 4.1b,3.9
 NEIC III 18 18 58 24.4-46 43.73N 105.22W 0 3.1L,3.9
 ISC Event type fm.
 IDC Error ellipse: s-maj=47.6km s-min=8.7km az=154.0.
 ISCJB Event type fm. Error ellipse: s-maj=6.4km s-min=5.9km az=57.2.
 NEIC Event type fm. Error ellipse: s-maj=6.2km s-min=4.8km az=123.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.

(246) Southwestern Ryukyu Islands
 ISC III 18 19 19 42.3-17 24.95N-03 123.18E-02 157 4.4b 209 1-147
 NIED III 18 19 19 00 25.00N 123.10E 140 4.6W ¶10606129
 SZGRF III 18 19 19 37.7 24.60N 119.62E 33 4.8b
 ISCJB III 18 19 19 40.9-17 24.95N-03 123.13E-02 155 4.4b
 NEIC III 18 19 19 42.5-22 24.99N 123.08E 156 4.4b
 BJI III 18 19 19 42.6 24.95N 123.16E 168 4.8b,4.6b
 IDC III 18 19 19 42.4-65 25.05N 123.19E 154-5 4.4,4.2
 JMA III 18 19 19 43.1-20 24.97N 123.09E 133-2 4.5,4.2
 MOS III 18 19 19 44.7-94 25.69N 122.92E 155 4.7b,4.2
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=82.0000°; δ77.0000°; λ98.0000°; NP2:φ=231.0000°; δ15.0000°; λ59.0000°; M₁1.05000×1016
 SZGRF Taiwan region.
 ISCJB Event type fe. Error ellipse: s-maj=3.9km s-min=2.7km az=43.9.
 NEIC Event type fe. Error ellipse: s-maj=7.1km s-min=5.5km az=84.0. Recorded [1 JMA] on Iriomote-jima.
 IDC Error ellipse: s-maj=11.9km s-min=9.6km az=67.0.
 JMA Event type fe. Error ellipse: s-maj=3.3km s-min=1.0km az=-1.0.
 MOS Error ellipse: s-maj=15.7km s-min=6.6km az=121.3.
 (710) Pakistan

ISC	III	19 02 49 01.1-14	34.64N-02	73.20E-03	15	4.8b,4.3s	463	1-151
BJI	III	19 02 48 57.0	34.60N	73.20E	10	5.5L,5.2b		¶10606290
IDC	III	19 02 48 58.7-43	34.64N	73.28E	0	5.0L,4.8		
MOS	III	19 02 48 58.2-88	34.56N	73.18E	10	5.1b,4.8		
NNC	III	19 02 48 58.6-3.8	34.68N	72.50E	22-24	5.3,4.8b		
ISCJB	III	19 02 48 59.2-14	34.60N-02	73.19E-03	15	4.8b,4.3s		
NEIC	III	19 02 49 00.7-16	34.62N	73.20E	14	5.0b,4.3s		
HRVD	III	19 02 49 00.7-40	34.69N	73.03E	23-1	4.9W,4.3s		
SZGRF	III	19 02 49 09.4	35.55N	72.69E	16	4.8b,4.3s		
ISC	Event type fe.							
IDC	Error ellipse: s-maj=12.4km s-min=9.5km az=73.0.							
MOS	Error ellipse: s-maj=7.6km s-min=4.0km az=125.3.							
NNC	Error ellipse: s-maj=37.7km s-min=22.9km az=121.0.							
ISCJB	Event type fe. Error ellipse: s-maj=3.5km s-min=2.5km az=91.0.							
NEIC	Event type fe. Error ellipse: s-maj=4.9km s-min=3.4km az=211.0. Felt at Balakot, Islamabad, Mansehra and Rawalpindi. Also felt at Muzaffarabad, Kashmir.							
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s29,c31; Mantle waves: s57,c89; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:2.91±.20 Mw:1.29±.14; M ₀ :1.62±.14; Mw:0.76±.21; Mw:1.41±.08; Mw:0.79±.20; Best double couple: NP1:φ:319.00000°,λ:35.00000°,λ:31.00000°,λ:138.00000°; NP2:φ:138.00000°,λ:85.00000°,λ:89.00000°. Principal axes: T 3.1120,Plg80.0000°,AzM44.0000°; N -0.0360,Plg1.0000°,AzM138.0000°; P -3.0760,Plg10.0000°,AzM228.0000° M ₀ :3.09400×10 ¹⁶							
SZGRF	Pakistan.							
ISC	(706) Northern Sumatera							
III	19 04 24 32.9-16	4.12N-03	96.05E-02	49	5.3b,4.5s	530	3-160	
MOS	19 04 24 29.0-80	4.23N	96.15E	33	5.5b,4.7s		¶10606334	
CRAAG	19 04 24 29.2	4.21N	96.17E		5.4b,4.7s			
BJI	19 04 24 29.2	3.89N	95.74E	48	5.4b,5.2b			
ISCJB	19 04 24 30.8-16	4.12N-03	96.08E-02	48	5.3b,4.5s			
IDC	19 04 24 31.9-48	4.09N	96.09E	46-4	5.2,5.0b			
NEIC	19 04 24 32.5-11	4.13N	96.05E	49	5.3b,5.0b			
SZGRF	19 04 24 32.7	4.52N	96.62E	50	5.2b,5.0b			
HRVD	19 04 24 32.5-40	3.84N	95.96E	57-2	5.2W,5.0b			
ISC	Event type fe.							
MOS	Error ellipse: s-maj=8.4km s-min=4.1km az=122.4.							
ISCJB	Event type fe. Error ellipse: s-maj=4.3km s-min=3.2km az=37.0.							
IDC	Error ellipse: s-maj=11.5km s-min=8.4km az=40.0.							
NEIC	Event type fe. Error ellipse: s-maj=5.1km s-min=2.8km az=214.0. Felt [V] at Meulaboh and [IV] at Banda Aceh and Takengon.							
SZGRF	Northern Sumatera, Indonesia.							
HRVD	Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s35,c53; Mantle waves: s48,c76; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:3.52±.32 Mw:0.79±.23; M ₀ :2.72±.27; Mw:0.14±.18; Mw:3.76±.22; Mw:4.80±.25; Best double couple: NP1:φ:291.00000°,λ:34.00000°,λ:35.00000°,λ:170.00000°; NP2:φ:170.00000°,λ:87.00000°,λ:118.00000°. Principal axes: T 6.5630,Plg54.0000°,AzM116.0000°; N 0.6110,Plg27.0000°,AzM340.0000°; P -7.1670,Plg21.0000°,AzM239.0000° M ₀ :8.65000×10 ¹⁶							
ISC	(228) Near east coast of eastern Honshu							
III	19 07 27 44.3-51	38.74N-04	141.70E-08	66-4	3.9b	51	0-146	
NIED	19 07 27 00	38.70N	141.70E	119	4.3W		¶10606432	
ISCJB	19 07 27 43.2-51	38.74N-04	141.73E-08	71-3	3.9b			
MOS	19 07 27 43.9-95	38.72N	141.70E	82	4.1b			
BJI	19 07 27 44.5	38.70N	141.70E	89	5.1b,4.4b			
IDC	19 07 27 44.5-2.8	38.69N	141.63E	67-26	3.9,3.8			
JMA	19 07 27 44.6	38.75N	141.65E	65-1	4.1,3.8			
NEIC	19 07 27 46.6-1.4	38.67N	141.69E	89-14	4.1b,3.8			
ISC	Event type fe.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ:63.00000°,λ:85.00000°,λ:56.00000°; NP2:φ:325.00000°,λ:34.00000°,λ:171.00000°. M ₀ :3.63000×10 ¹⁵							
ISCJB	Event type fe. Error ellipse: s-maj=10.0km s-min=5.7km az=45.3.							
MOS	Error ellipse: s-maj=19.3km s-min=10.0km az=71.8.							
IDC	Error ellipse: s-maj=23.1km s-min=15.1km az=113.0.							
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ:353.00000°,λ:84.00000°,λ:74.00000°. NP2:φ:190.00000°,λ:35.00000°,λ:97.00000°. Principal axes: T Plg67.0000°,AzM113.0000°; N Plg6.0000°,AzM8.0000°; P Plg22.0000° AzM275.0000°							
NEIC	Event type fe. Error ellipse: s-maj=17.1km s-min=14.2km az=121.0. Recorded [3 JMA] in Iwate, [2 JMA] in Miyagi and [1 JMA] in Yamagata Prefectures.							
ISC	(228) Near east coast of eastern Honshu							
III	19 13 47 10.4-82	38.84N-05	141.69E-10	70-4	3.9b	27	0-155	
NIED	19 13 47 00	38.80N	141.60E	53	4.1W		¶10606593	
ISCJB	19 13 47 09.4-85	38.84N-05	141.7E-10	76-4	3.9b			
JMA	19 13 47 10.7	38.82N	141.63E	69-3	3.7b			
IDC	19 13 47 15.1-1.6	39.44N	139.67E	0	3.7b,3.7			
NEIC	19 13 47 19.9-89	39.37N	139.61E	35	4.5b,4.0W			
ISC	Event type fe.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ:131.00000°,λ:89.00000°,λ:96.00000°; NP2:φ:30.00000°,λ:86.00000°,λ:11.00000°. M ₀ :1.42000×10 ¹⁵							
ISCJB	Event type fe. Error ellipse: s-maj=14.0km s-min=6.8km az=45.5.							
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ:348.00000°,λ:828.00000°,λ:49.00000°. NP2:φ:212.00000°,λ:869.00000°,λ:109.00000°. Principal axes: T Plg61.0000°,AzM151.0000°; N Plg18.0000°,AzM25.0000°; P Plg22.0000° AzM288.0000°							
IDC	Error ellipse: s-maj=35.4km s-min=32.1km az=119.0.							
NEIC	Event type fe. Error ellipse: s-maj=23.5km s-min=11.0km az=95.0. Recorded [2 JMA] in Iwate and Miyagi Prefectures. Moment Tensor Solution. M ₀ :1.40000×10 ¹⁵							
ISC	(581) Mozambique							
III	19 16 23 43.9-28	21.59S-04	33.36E-05	14	4.8s,4.8b	120	5-150	
SZGRF	19 16 23 30.6	24.23S	32.21E	14	4.8b,4.8b		¶10606661	
PRE	19 16 23 37.9-1.5	21.38S	33.58E	5-0	5.8L,4.8b			
IDC	19 16 23 41.6-85	21.57S	33.40E	0	4.6L,4.5			
ISCJB	19 16 23 41.8-29	21.62S-05	33.33E-05	13	4.8s,4.8b			
NEIC	19 16 23 42.9-34	21.72S	33.56E	12	4.9b,4.8b			
MOS	19 16 23 42.2-1.0	21.43S	33.34E	10	5.0b,4.8b			
HRVD	19 16 23 42.9-60	21.29S	33.37E	16-2	4.8W,4.8b			
BJI	19 16 23 42.8	21.70S	33.60E	12	5.3s,5.3b			
ISC	Event type fe.							
SZGRF	Mozambique.							
PRE	Error ellipse: s-maj=15.4km s-min=17.6km az=-1.0.							
IDC	Error ellipse: s-maj=22.1km s-min=14.2km az=157.0.							
ISCJB	Event type fe. Error ellipse: s-maj=8.3km s-min=4.0km az=95.6.							
NEIC	Event type fe. Error ellipse: s-maj=11.1km s-min=6.9km az=139.0. First of 3 events about 3 minutes apart.							
MOS	Error ellipse: s-maj=15.2km s-min=8.2km az=90.9.							
HRVD	Error ellipse: s-maj=5.6km s-min=10.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s10,c10; Mantle waves: s32,c44; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:0.89±.23 Mw:0.01±.16; M ₀ :0.87±.16; Mw:1.23±.78; Mw:1.06±.11; Mw:0.40±.50; Best double couple: NP1:φ:179.00000°,λ:49.00000°,λ:31.00000°,λ:129.00000°; NP2:φ:290.00000°,λ:87.00000°,λ:135.00000°. Principal axes: T 1.6560,Plg11.0000°,AzM50.0000°; N 0.4040,Plg41.0000°,AzM311.0000°; P -2.0610,Plg47.0000°,AzM152.0000° M ₀ :1.85900×10 ¹⁶							
JMA	(228) Near east coast of eastern Honshu							
III	19 19 21 54.6-10	38.77N	142.31E	42-1	3.6		¶10606742	
JMA	Event type fe.							
ISC	(460) Wyoming							
III	19 20 21 44.9-54	43.76N-05	105.28W-06	0		27	1-20	
IDC	19 20 21 31.1-4.7	41.85N	105.01W	33-32	3.6,3.3L		¶10606767	
ISCJB	19 20 21 44.3-63	43.77N-05	105.35W-08	0	3.6,3.3L			
NEIC	19 20 21 45.1-59	43.76N	105.29W	0	3.2L,3.3L			
ISC	Event type fm.							
IDC	Error ellipse: s-maj=58.8km s-min=15.3km az=166.0.							
ISCJB	Event type fm. Error ellipse: s-maj=8.3km s-min=7.4km az=177.5.							
NEIC	Event type fm. Error ellipse: s-maj=8.4km s-min=7.5km az=135.0. 60 km [40 miles] SSE of Gillette. Suspected Mining explosion.							
ISC	(212) Bonin Islands region							
III	19 21 15 02.3-54	27.56N-05	141.8E-20	44-6	4.0b	40	1-150	

NEIC	III	19 21 14 58.1-72	27.52N	141.71E	10	4.2b	¶10606793	
MOS	III	19 21 14 58.9-1.6	27.52N	141.70E	33	4.3b		
ISCJB	III	19 21 15 00.4-76	27.59N-05	141.7E-10	39-8	4.0b		
NIED	III	19 21 15 00	27.60N	142.10E	32	3.8W		
IDC	III	19 21 15 01.5-1.8	27.54N	141.73E	35-16	4.6L,4.0		
JMA	III	19 21 15 03.5-10	27.56N	142.09E	47-1	4.4,4.0		
ISC	Event type fe.							
JSC	Event type fe. Error ellipse: s-maj=36.0km s-min=10.2km az=78.0. Recorded [1 JMA] on Hachijo-jima.							
NEIC	Error ellipse: s-maj=38.3km s-min=12.3km az=102.9.							
MOS	Event type fe. Error ellipse: s-maj=23.2km s-min=5.6km az=143.7.							
ISCJB	Moment Tensor Solution. Best double couple: NP1:φ:137.00000°,λ:879.00000°,λ:61.00000°; NP2:φ:28.00000°,λ:31.00000°,λ:158.00000°. M ₀ :4.75000×10 ¹⁴							
NIED	Error ellipse: s-maj=27.7km s-min=15.6km az=86.0.							
IDC	Event type fe. Error ellipse: s-maj=1.1km s-min=4.9km az=-1.0.							
JMA	(710) Pakistan							
III	20 17 40 46.0-10	34.83N-02	73.76E-02	17	5.4b,4.7s	829	1-151	
SZGRF	20 17 40 40.1	34.32N	74.95E	33	5.4b,4.4s		¶10607349	
LDG	20 17 40 41.4-11	34.69N	73.80E	10-0	5.5b,4.4s			
BJI	20 17 40 42.8	34.82N	73.71E	10	5.8L,5.3b			
ISCJB	20 17 40 43.9-10	34.80N-02	73.75E-02	16	5.4b,4.7s			
NEIC	20 17 40 44.8-11	34.76N	73.75E	12	5.6b,5.2W			
HRVD	20 17 40 44.5-20	34.75N	73.57E	12	5.2W,5.2W			
IDC	20 17 40 46.2-2.3	34.79N	73.73E	19-13	5.3,5.2b			
MOS	20 17 40 46.7-99	34.89N	73.79E	33	5.6b,4.7s			
NDI	20 17 40 48.2-5.8	34.68N	73.89E	15-0	5.6b,4.6s			
NNC	20 17 40 49.5-5.0	35.07N	72.98E	10-38	5.8,5.5b			
ISC	Event type fe.							
SZGRF	Southwestern Kashmir.							
LDG	Event type ke. Error ellipse: s-maj=9.4km s-min=4.1km az=31.0.							
ISCJB	Event type fe. Error ellipse: s-maj=2.6km s-min=1.9km az=68.2.							
NEIC	Event type fe. Error ellipse: s-maj=3.5km s-min=2.0km az=203.0. Felt [III] at Islamabad. Felt at Abbottabad, Gujranwala, Jhelum and Rawalpindi. Also felt at Muzaffarabad and Srinagar, Kashmir. Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism. Moment Tensor Solution. s9 Moment tensor: Scale 10 ¹⁶ Nm; Mr:6.71 Mw:4.72 Mw:1.99 Mw:0.56 Mw:3.21 Mw:0.36 Best double couple: NP1:φ:62.00000°; λ:46.00000°,λ:97.00000°. NP2:φ:231.00000°,λ:44.00000°,λ:82.00000°. Principal axes: T 6.7700,Plg85.0000°,AzM45.0000°; N 0.8000,Plg5.0000°,AzM237.0000°; P -6.8400,Plg1.0000°,AzM147.0000° M ₀ :6.80000×10 ¹⁶							
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s49,c77; Mantle waves: s74,c134; Half duration: 1:0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:4.08±.19 Mw:1.15±.17; Mw:2.93±.18; Mw:3.17±.47; Mw:5.80±.15; Mw:0.58±.57; Best double couple: NP1:φ:185.00000°,λ:87.00000°,λ:32.00000°. NP2:φ:72.00000°,λ:87.00000°,λ:132.00000°. Principal axes: T 6.2350,Plg49.0000°,AzM29.0000°; N 2.1870,Plg38.0000°,AzM232.0000°; P -8.4220,Plg12.0000°,AzM133.0000° M ₀ :7.32900×10 ¹⁶							
IDC	Error ellipse: s-maj=10.0km s-min=8.0km az=54.0.							
MOS	Error ellipse: s-maj=6.3km s-min=3.5km az=125.1.							
NDI	Error ellipse: s-maj=23.4km s-min=24.1km az=-1.0.							
NNC	Error ellipse: s-maj=43.9km s-min=31.3km az=138.0.							
ISC	(7) Andean Islands							
III	20 19 03 49.4-82	51.59N-08	176.10W-05	48-6	4.5b,3.6s	86	0-152	
BJI	20 19 03 43.8	51.95N	175.50W	33	5.0b,4.9b		¶10607384	
NEIC	20 19 03 47.0	51.32N	176.07W	26	4.6b,4.4L			
MOS	20 19 03 47.7-1.0	51.61N	176.15W	47	4.8b,4.4L			
ISCJB	20 19 03 48.7-79	51.61N-09	176.11W-05	55-5	4.5b,3.6s			
IDC	20 19 03 48.9-2.2	51.62N	176.22W	41-18	4.2,4.1			
ISC	Event type fe.							
NEIC								

MOS	SKO	III	22	11	26	17.6	44.06N	20.14E	7	4.9L,3.9s	
SZGRF	BJI	III	22	11	26	17.4	44.67N	19.85E	10	5.1b,4.9s	
	BEO	III	22	11	26	17.5-27	44.08N	20.11E	13-0	5.1b,4.9s	
	PDG	III	22	11	26	17.2-84	44.05N	20.17E	11-2	5.1b,4.9s	
	IDC	III	22	11	26	17.4-50	44.06N	19.98E	0	4.4,4.4	
	NEIC	III	22	11	26	18.8-11	44.04N	20.12E	10	4.9L,4.6L	
	HRVD	III	22	11	26	18.8-70	43.99N	20.12E	14-3	4.8W,4.6L	
	PRU	III	22	11	26	18.4	44.12N	20.09E	0	4.6,4.6L	
	SZGRF	III	22	11	26	18.4	44.09N	20.21E	10	4.9b,4.6L	
	IPEC	III	22	11	26	20.0-23	44.10N	20.15E	21-2	4.9b,4.6L	
	STR	III	22	11	26	21.8-9.3	44.15N	20.16E	10-1	4.9L,4.6L	
ISC	ISC	Event type fe.									
ISCJB	ISCJB	Event type fe. Error ellipse: s-maj=4.0km s-min=2.5km az=177.4.									
IDC	MOS	Error ellipse: s-maj=15.2km s-min=14.5km az=176.0.									
HRVD	LDG	Event type ke. Error ellipse: s-maj=2.6km s-min=2.1km az=31.0.									
	BEO	Error ellipse: s-maj=0.2km s-min=0.3km az=-1.0.									
	PDG	Error ellipse: s-maj=1.1km s-min=1.4km az=-1.0.									
	IDC	Error ellipse: s-maj=9.5km s-min=7.9km az=38.0.									
	NEIC	Event type fe. Error ellipse: s-maj=1.7km s-min=1.5km az=217.0. Felt at Belgrade, Cacak, Gornj Milanovac, Kralevo, Uzice and Valjevo. Also felt at Chirpan and Montana, Bulgaria.									
	HRVD	Error ellipse: s-maj=3.3km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s7,c7; Mantle waves: s48,c55;Half duration: 0 Moment tensor: Scale 1016 Nm; M=1.23±0.20 Mw=1.10±.16; Mww=0.12±.12; Mw=1.06±.31; Mww=0.25±.09; Mw=1.53±.46; Best double couple: NP1:φ=271.00000°,δ21.00000°,λ46.00000°. NP2:φ=136.00000°,δ75.00000°,λ105.00000°. Principal axes: T 2.3950,Plg58.0000°,AzM66.0000°; N -0.4270,Plg14.0000°,AzM312.0000°; P -1.9680,Plg29.0000°,AzM214.0000°; M2.18200×1016									
NEIC	ISC	Event type fe. Error ellipse: s-maj=9.0km s-min=4.1km az=14.0. Felt at Harna, Kohlu, Lehri and Sibi.									
MOS	MOS	Error ellipse: s-maj=6.8km s-min=3.9km az=116.3.									
SZGRF	Pakistan										
	(135) Near coast of central Chile										
ISC	III	21	08	09.10-42	33.04S-03	71.40W-04	55-5	3.9b	76	0-156	
ISCJB	III	21	08	09.4-43	33.04S-03	71.40W-04	63-4	3.9b		110607726	
IDC	III	21	08	09.9-4.2	33.06S	71.21W	47-33	3.9b,3.8			
NEIC	III	21	08	09.0-0	33.05S	71.35W	54	4.3,3.8			
GUC	III	21	08	09.10-0-99	33.05S	71.35W	54-5	4.3,4.0L			
ISC	Event type fe.										
ISCJB	Event type fe. Error ellipse: s-maj=6.4km s-min=3.8km az=138.0.										
IDC	Error ellipse: s-maj=7.7km s-min=32.4km az=108.0.										
NEIC	Event type fe. Felt [IV] at La Calera, Limache, Olmué, Quillota, Valparaiso and Vina del Mar; [III] at La Ligua, Los Andes, Papudo, Petorca, San Antonio and Santiago. After GUC.										
GUC	Error ellipse: s-maj=2.0km s-min=3.0km az=-1.0.										
	(238) Ryukyu Islands										
ISC	III	21	09	54 35.4-55	27.94N-06	129.15E-07	16-4	3.7b	40	0-91	
NIED	III	21	09	54 00	28.10N	129.00E	5	3.9W		110607746	
JMA	III	21	09	54 34.7-10	28.05N	129.02E	14-2	4.2			
ISCJB	III	21	09	54 35.2-50	27.95N-05	129.11E-07	21-5	3.7b			
IDC	III	21	09	54 39.5-1.1	27.88N	128.96E	47-13	3.9L,3.7			
NEIC	III	21	09	54 39.5-93	27.82N	129.06E	48-9	4.0b,3.7			
ISC	Event type fe.										
NIED	Moment Tensor Solution. Best double couple: NP1:φ=127.00000°,δ65.00000°,λ-69.00000°. NP2:φ=265.00000°,δ32.00000°,λ-127.00000°. M8.77000×1014										
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=2.0km az=-1.0.										
ISCJB	Event type fe. Error ellipse: s-maj=13.3km s-min=3.6km az=82.2.										
IDC	Error ellipse: s-maj=26.3km s-min=9.2km az=113.0.										
NEIC	Event type fe. Error ellipse: s-maj=14.7km s-min=8.9km az=128.0. Recorded [3 JMA] on Amami-oshima and [1 JMA] on Kikaiga-shima.										
	(39) Central California										
NEIC	III	21	21	41 42.2	37.81N	122.07W	13	3.7W		110608065	
NEIC	Event type fe. Felt [IV] at Crockett, Danville, Moraga, Oakland, San Ramon and Walnut Creek; [III] at Alameda, Alamo, Albany, Antioch, Belmont, Benicia, Berkeley, Burlingame, Castro Valley, Clayton, Concord, Daly City, El Cerrito, El Sobrante, Halfmoon Bay, Hayward, Lafayette, Martinez, Millbrae, Orinda, Pacifica, Pleasant Hill, Pleasanton, Redwood City, Richmond, San Francisco, San Leandro, San Mateo, South San Francisco and Vallejo. Felt as far as Modesto, Santa Cruz, Santa Rosa and the Sacramento area. After NCEDC. Moment Tensor Solution. M5.20000×1014										
	(246) Southwestern Ryukyu Islands										
ISC	III	21	22	14 51.2-34	24.53N-05	123.53E-04	68-3	3.9b	46	0-82	
NIED	III	21	22	14 00	24.50N	123.50E	65	4.1W		110608077	
ISCJB	III	21	22	14 50.0-34	24.53N-05	123.54E-04	76-3	3.9b			
IDC	III	21	22	14 51.9-4.2	24.55N	123.64E	78-41	4.0,3.9			
JMA	III	21	22	14 51.5-10	24.53N	123.53E	63-1	3.9,3.9			
NEIC	III	21	22	14 51.2-77	24.55N	123.56E	72-7	4.1b,3.9			
ISC	Event type fe.										
NIED	Moment Tensor Solution. Best double couple: NP1:φ=163.00000°,δ56.00000°,λ135.00000°. NP2:φ=282.00000°,δ54.00000°,λ44.00000°. M6.144000×1015										
ISCJB	Event type fe. Error ellipse: s-maj=8.0km s-min=5.4km az=155.1.										
IDC	Error ellipse: s-maj=30.1km s-min=15.2km az=68.0.										
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.										
NEIC	Event type fe. Error ellipse: s-maj=10.0km s-min=7.6km az=62.0. Recorded [1 JMA] on Iriomote-jima.										
	(377) Spain										
MDD	III	21	23	02 42.7-40	41.66N	2.39E	6-2	2.6			
STR	III	21	23	02 41.9-54	41.67N	2.35E	5-1	2.9L		110608095	
LDG	III	21	23	02 42.5-07	41.67N	2.37E	8-0	3.2,2.9L			
NEIC	III	21	23	02 42.7	41.64N	2.39E	3	2.9L,2.7			
CSEM	III	21	23	02 43.1-08	41.70N	2.38E	10	2.9L,2.7			
MDD	Event type fe. Error ellipse: s-maj=3.8km s-min=2.2km az=131.0. EMS: II LLINARS DEL S. PRXIMO I CARDEDEU.										
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.										
LDG	Event type ke. Error ellipse: s-maj=1.4km s-min=0.9km az=147.0.										
NEIC	Event type fe. Felt [III] at Llinas. After MDD.										
CSEM	Event type ke. Error ellipse: s-maj=1.6km s-min=1.0km az=128.0.										
	(256) Leyte										
ISC	III	22	04	59 59.5-67	11.20N-03	124.41E-03	6-5	4.1b	54	0-94	
IDC	III	22	04	59 57.5-87	11.15N	124.52E	0	4.1,3.9		110608235	
MAN	III	22	04	59 58.8	11.19N	124.39E	2	5.0L,3.9b			
ISCJB	III	22	04	59 59.9-52	11.20N-03	124.44E-03	20-5	4.1b,3.9b			
NEIC	III	22	05	00 25.5-6.7	10.89N	124.06E	251-68	4.0b,3.9b			
ISC	Event type fe.										
IDC	Error ellipse: s-maj=62.1km s-min=17.9km az=72.0.										
MAN	Event type fe. F PALOMPON LEYTE - INTENSITY III CEBU CITY - INTENSITY II.										
ISCJB	Event type fe. Error ellipse: s-maj=5.7km s-min=4.4km az=6.4.										
NEIC	Event type fe. Error ellipse: s-maj=25.6km s-min=12.2km az=61.0. Felt [III PIVS] at Palompon. Also felt [II PIVS] at Cebu City, Cebu.										
	(78) Costa Rica										
CASC	III	22	07	55 00.2-2.6	9.84N	84.29W	6-5	4.2L,4.1W			
NEIC	III	22	07	54 59.9	9.84N	84.29W	6	4.0L,4.0		110608308	
CASC	Error ellipse: s-maj=3.6km s-min=2.6km az=-1.0.										
NEIC	Event type fe. Felt [IV] at Puriscal and [III] in the Valle Central. After CASC.										
	(229) Off east coast of Honshu										
ISC	III	22	11	16 13.6-1.2	37.83N-04	142.43E-05	0-7	4.3b,4.0s	85	1-146	
NIED	III	22	11	16 00	37.90N	142.40E	23	4.2W,4.0s		110608392	
JMA	III	22	11	16 15.8-20	37.86N	142.43E	36-3	4.5,4.0s			
ISCJB	III	22	11	16 16.5-40	37.81N-04	142.45E-04	33	4.3b,4.0s			
MOS	III	22	11	16 16.8-1.2	37.83N	142.48E	33	4.6b,4.0s			
BJI	III	22	11	16 16.5	37.54N	142.72E	42	4.7b,4.4b			
NEIC	III	22	11	16 18.2-54	37.71N	142.57E	30	4.7b,4.2W			
IDC	III	22	11	16 18.5-61	37.81N	142.40E	33-4	3.9,3.9			
ISC	Event type fe.										
NIED	Moment Tensor Solution. Best double couple: NP1:φ=228.00000°,δ51.00000°,λ113.00000°. NP2:φ=13.00000°,δ44.00000°,λ64.00000°. M6.232000×1015										
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.										
ISCJB	Event type fe. Error ellipse: s-maj=5.6km s-min=4.5km az=117.2.										
MOS	Error ellipse: s-maj=12.6km s-min=10.0km az=94.3.										
NEIC	Event type fe. Error ellipse: s-maj=13.1km s-min=10.6km az=141.0. Recorded [2 JMA] in Fukushima and [1 JMA] in Miyagi Prefectures. Moment Tensor Solution. M2.30000×1015										
IDC	Error ellipse: s-maj=17.5km s-min=12.0km az=105.0.										
	(383) Northwestern Balkan Peninsula										
ISC	III	22	11	26 17.9-25	44.062N-01	20.12E-01	3-1	4.5b,4.2s	833	0-133	
ISCJB	III	22	11	26 16.4-24	44.082N-01	20.09E-01	6-1	4.5b,4.2s		110608402	
MOS	III	22	11	26 16.7-90	44.06N	20.04E	10	4.8b,4.1s			
CSEM	III	22	11	26 16.1	44.07N	20.07E	2	4.8b,4.1s			
LDG	III	22	11	26 16.8-09	44.08N	20.06E	10-0	4.9L,3.9s			

ISC	III	22	17	24 32.4-20	48.89N-02	115.30W-02	10	4.0b	189	1-93	
BJI	III	22	17	24 29.5	49.18N	114.81W	4	4.8b,4.6s		110608605	
ISCJB	III	22	17	24 30.9-21	48.93N-02	115.26W-02	10	4.0b,4.6s			
NEIC	III	22	17	24 32.4	48.83N	115.20W	8	4.3W,4.2L			
IDC	III	22	17	24 33.2-84	49.01N	115.41W	0	3.9,3.7L			
PGC	III	22	17	24 33.3	48.77N	115.19W	10	4.3W,4.2L			
ISC	Event type fe.										
ISCJB	Event type fe. Error ellipse: s-maj=3.1km s-min=2.0km az=61.7.										
NEIC	Event type fe. Items knocked from shelves [IV] at Eureka. Felt [IV] at Troy; [III] at Kila, Libby and Rexford. Felt at Bigfork, Fortine, Great Falls, Kalspell, Olney and Polson. Also felt at Bonners Ferry and Naples, Idaho. After BUT. Moment Tensor Solution. M3.00000×1015										
IDC	Error ellipse: s-maj=9.8km s-min=7.2km az=141.0.										
PGC	Event type ke. Error ellipse: s-maj=2.2km s-min=1.5km az=-1.0. 91km southeast of Cranbrook, Bc Northwestern Montana.										
	(460) Wyoming										
ISC	III	22	01	04 49.9-46	43.81N-03	105.23W-05	0	3.9b	54	1-90	
ISCJB	III	22	01	04 48.8-46	43.82N-03	105.31W-05	0	3.9b		110608704	
IDC	III	22	01	04 48.7-1.2	43.68N	105.30W	0	3.8b,3.8L			
NEIC	III	22	01	04 50.6-65	43.76N	105.30W	0	3.4L,3.8L			
ISC	Event type fm.										
ISCJB	Event type fm. Error ellipse: s-maj=4.9km s-min=4.6km az=143.7.										
IDC	Error ellipse: s-maj=34.7km s-min=10.1km az=154.0.										
NEIC	Event type fm. Error ellipse: s-maj=8.2km s-min=6.9km az=90.0. 60 km [35 miles] SSE of Gillette. Suspected Mining explosion.										
	(443) Northern Quebec										
ISC	III	22	22	16 11.3-30	59.84N-02	77.37W-05	18	3.8b	194	5-79	
ISCJB	III	22	22	16 09.4-31	59.80N-03	77.36W-06	18	3.8b		110608736	
OTT	III	22	22	16 12.4-18	60.06N	77.25W	18	4.1			
NEIC	III	22	22	16 12.5	60.04N	77.32W	18	4.0,3.9b			
IDC	III	22	22	16 15.5-3.0	59.99N	77.16W	30-23	3.9,3.9			
ISC	Event type fe.										
ISCJB	Event type fe. Error ellipse: s-maj=4.0km s-min=3.7km az=24.7.										
OTT	Event type fe. Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0. Puvirnituq, Qc. Felt. Boothia Ungava Seismic Zone.										
NEIC	Event type fe. Felt at Puvirnituq. After OTT.										
IDC											

ISCJB	III	23 18 19 43.6-56	45.12N-04	106.79W-07	0	3.7,3.4			
NEIC	III	23 18 19 44.6-52	45.14N	106.78W	0	3.3L,3.4			
ISC	Event type fm.								
IDC	Error ellipse: s-maj=49.0km s-min=7.7km az=131.0.								
ISCJB	Event type fm. Error ellipse: s-maj=7.1km s-min=6.3km az=147.9.								
NEIC	Event type fm. Error ellipse: s-maj=7.1km s-min=6.7km az=106.0. 40 km [25 miles] NNE of Sheridan. Suspected Mining explosion.								
(460) Wyoming									
ISC	III	23 20 01 52.6-62	43.66N-04	105.07W-07	0		36	1-20	
IDC	III	23 20 01 50.9-2.5	43.50N	105.34W	0	3.6,3.4			¶10609260
ISCJB	III	23 20 01 51.8-67	43.67N-04	105.16W-08	0	3.6,3.4			
NEIC	III	23 20 01 53.4-52	43.63N	105.17W	0	3.3L,3.4			
ISC	Event type fm.								
IDC	Error ellipse: s-maj=55.7km s-min=9.7km az=151.0.								
ISCJB	Event type fm. Error ellipse: s-maj=8.1km s-min=5.6km az=3.2.								
NEIC	Event type fm. Error ellipse: s-maj=6.7km s-min=6.0km az=129.0. 80 km [50 miles] SSE of Gillette. Suspected Mining explosion.								
(228) Near east coast of eastern Honshu									
ISC	III	23 22 59 08.7-45	38.80N-03	141.67E-07	75-3	3.7b	50	0-146	
NIED	III	23 22 59 00	38.80N	141.60E	68	3.9W			¶10609329
ISCJB	III	23 22 59 07.6-47	38.80N-03	141.67E-08	81-3	3.7b			
IDC	III	23 22 59 08.3-67	38.76N	141.56E	70-5	3.9,3.8			
MOS	III	23 22 59 08.6-1.2	38.87N	141.55E	91	4.0b,3.8			
NEIC	III	23 22 59 08.6-43	38.87N	141.67E	69	3.9b,3.8			
JMA	III	23 22 59 09.1	38.82N	141.59E	74-1	4.0,3.8			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:140.0000°,δ60.0000°,λ127.0000°. NP2:φ:263.0000°,δ46.0000°,λ44.0000°. M:8.91000×10 ¹⁴								
ISCJB	Event type fe. Error ellipse: s-maj=10.6km s-min=5.0km az=36.6.								
IDC	Error ellipse: s-maj=20.0km s-min=13.3km az=106.0.								
MOS	Error ellipse: s-maj=17.4km s-min=11.1km az=73.0.								
NEIC	Event type fe. Error ellipse: s-maj=12.9km s-min=7.8km az=128.0. Recorded [2 JMA] in Iwate ytd Miyagi; [1 JMA] in Fukushima and Yamagata Prefectures.								
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ:272.0000°, δ42.0000°, λ70.0000°. NP2: φ:118.0000°, δ51.0000°, λ107.0000°. Principal axes: T P1g76.0000°, Azm85.0000°; N P1g13.0000°, Azm287.0000°; P P1g5.0000° Azm196.0000°								
(377) Spain									
ISC	III	23 23 35 28.5-27	39.13N-01	2.52W-02	9-2		259	0-10	
ISCJB	III	23 23 35 26.5-28	39.19N-01	2.57W-02	5-2				¶10609341
SFS	III	23 23 35 30.0	39.09N	2.52W	10	3.2L			
NEIC	III	23 23 35 30.5	39.09N	2.52W	10	3.2,3.1L			
MDD	III	23 23 35 30.4-33	39.09N	2.52W	10-1	3.1,3.1L			
LDG	III	23 23 35 30.5-06	39.10N	2.51W	10-0	3.1L,3.1L			
CSEM	III	23 23 35 30.4-04	39.09N	2.52W	10	3.2L,3.1L			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=3.3km s-min=2.1km az=60.7.								
NEIC	Event type fe. Felt [III] at El Bonillo and Munera; [II] at Lezuza. After MDD.								
MDD	Event type fe. Error ellipse: s-maj=2.9km s-min=2.0km az=126.0. EMS: III MUNERA. PRXIMO II-III EL BONILLO II LEZUZA.								
LDG	Event type ke. Error ellipse: s-maj=1.8km s-min=1.1km az=124.0.								
CSEM	Event type ke. Error ellipse: s-maj=1.2km s-min=0.7km az=123.0.								
(162) South Island									
WEL	III	24 02 38 56.4-21	41.96S	171.42E	5	3.6L			¶10609405
WEL	Event type fe. Error ellipse: s-maj=2.1km s-min=1.0km az=90.0. Felt in the West Coast region, maximum reported intensity MM 4.								
(710) Pakistan									
ISC	III	24 03 36 55.0-65	34.57N-05	73.32E-10	10	4.1s,3.7b	23	3-79	
IDC	III	24 03 36 51.7-1.3	34.38N	73.34E	0	3.7,3.6			¶10609425
NEIC	III	24 03 36 53.8-1.4	34.40N	73.44E	10	3.5b,3.6			
ISCJB	III	24 03 36 54.0-68	34.64N-06	73.4E-10	10	4.1s,3.7b			
NDI	III	24 03 37 01.2-1.5	34.26N	73.48E	10-0	3.7,3.5b			
NNC	III	24 03 37 03.7-3.4	35.26N	72.83E	0	3.4b,3.2			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=35.8km s-min=27.1km az=64.0.								
NEIC	Event type fe. Error ellipse: s-maj=29.3km s-min=19.7km az=64.0. Felt in the Mansehra area.								
ISCJB	Event type fe. Error ellipse: s-maj=14.9km s-min=4.6km az=120.2.								
NDI	Error ellipse: s-maj=38.3km s-min=44.2km az=-1.0.								
NNC	Error ellipse: s-maj=34.4km s-min=27.8km az=83.0.								
(43) Southern California									
NEIC	III	24 05 54 13.0	33.79N	116.18W	9	3.6L			¶10609473
NEIC	Event type fe. Felt [III] at Cathedral City, Coachella, Indian Wells, Indio, La Quinta, Palm Desert, Rancho Mirage and Thousand Palms. Felt at Desert Hot Springs, Hemet, Joshua Tree, San Jacinto and Winchester. After PAS.								
(328) East of Lake Baykal									
ISC	III	24 10 55 29.4-35	51.73N-02	116.49E-04	10	3.3b,3.2s	162	2-59	
BJI	III	24 10 55 23.9	51.96N	116.29E	10	4.7L,4.7b			¶10609580
MOS	III	24 10 55 27.8-1.2	51.72N	116.42E	12	4.0b,4.7b			
ISCJB	III	24 10 55 27.4-38	51.74N-03	116.46E-04	10	3.3b,3.2s			
NEIC	III	24 10 55 29.7-65	51.72N	116.42E	10	4.1b,3.2s			
IDC	III	24 10 55 29.1-3.3	51.55N	116.43E	0	3.8L,3.6			
BYKL	III	24 10 55 29.3-62	51.71N	116.46E	18-15	3.8L,3.6			
ISC	Event type fe.								
MOS	Event type fe. Error ellipse: s-maj=10.8km s-min=8.0km az=117.6. Felt (II) at Baley, Nerchinsk. Moment Tensor Solution.								
ISCJB	Event type fe. Error ellipse: s-maj=3.7km s-min=3.4km az=122.4.								
NEIC	Event type fe. Error ellipse: s-maj=9.7km s-min=7.9km az=144.0. Felt [II] at Baley and Nerchinsk.								
IDC	Error ellipse: s-maj=112.8km s-min=19.5km az=149.0.								
BYKL	Event type se. FELT I=III MSK at Baley, II-III at Nerchinsk.								
(464) Minnesota									
ISC	III	24 18 01 56.1-95	47.56N-09	93.08W-07	0		17	1-19	
ISCJB	III	24 18 01 53.9-98	47.54N-10	93.15W-07	0				¶10609770
NEIC	III	24 18 01 55.4-1.2	47.42N	92.97W	0	2.9			
IDC	III	24 18 01 58.3-1.8	47.44N	93.11W	0	4.2L,3.8			
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=14.5km s-min=6.9km az=159.5.								
NEIC	Event type fm. Error ellipse: s-maj=19.5km s-min=10.1km az=158.0. NEAR Hibbing. Suspected Mining explosion.								
IDC	Error ellipse: s-maj=18.7km s-min=15.1km az=91.0.								
(121) Off coast of northern Chile									
ISC	III	24 19 00 47.6-1.1	18.48S-06	71.2W-10	51-13	3.8b	15	2-131	
IDC	III	24 19 00 40.4-1.2	18.40S	71.34W	0	5.1L,4.1			¶10609796
ISCJB	III	24 19 00 46.3-1.2	18.52S-06	71.3W-20	52-14	3.8b,4.1			
NEIC	III	24 19 00 46.9-1.2	18.46S	71.22W	41-14	3.8b,4.1			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=23.3km s-min=17.5km az=112.0.								
ISCJB	Event type fe. Error ellipse: s-maj=27.7km s-min=9.8km az=159.7.								
NEIC	Event type fe. Error ellipse: s-maj=18.7km s-min=10.7km az=91.0. Felt [III] at Arica.								
(224) Hokkaido region									
ISC	III	24 22 16 01.7-27	42.30N-03	143.03E-03	68-2	4.5b	298	0-152	
SZGRF	III	24 22 15 56.5	42.28N	144.85E	33	5.0b			¶10609894
BJI	III	24 22 15 58.6	42.18N	143.08E	63	4.9b,4.6b			
ISCJB	III	24 22 16 00.5-27	42.27N-03	143.03E-03	71-2	4.5b,4.6b			
MOS	III	24 22 16 00.2-1.1	42.26N	143.00E	67	5.0b,4.6b			
NIED	III	24 22 16 00	42.30N	143.00E	53	4.8W,4.6b			
NEIC	III	24 22 16 02.5	42.33N	142.98E	51	4.8W,4.7b			
IDC	III	24 22 16 02.1-1.9	42.31N	142.97E	65-16	4.4,4.2			
SKHL	III	24 22 16 02.8-4.8	42.40N	143.20E	33-11	5.3b,3.6s			
JMA	III	24 22 16 02.4-10	42.32N	142.98E	51-1	4.8,3.6s			
ISC	Event type fe.								
SZGRF	Hokkaido, Japan, region.								
ISCJB	Event type fe. Error ellipse: s-maj=4.5km s-min=3.3km az=111.2.								
MOS	Error ellipse: s-maj=8.1km s-min=4.9km az=103.0.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:29.0000°,δ68.0000°,λ93.0000°. NP2:φ:200.0000°,δ23.0000°,λ82.0000°. M:1.73000×10 ¹⁶								
NEIC	Event type fe. Recorded [3 JMA] in south-central Hokkaido and [1 JMA] in much of southern Hokkaido. Also recorded [1 JMA] in Aomori Prefecture, Honshu. After JMA. Moment Tensor Solution. M:1.70000×10 ¹⁶								

IDC	Error ellipse: s-maj=13.4km s-min=11.5km az=113.0.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:223.0000°,δ37.0000°,λ101.0000°. NP2: φ:29.0000°,δ54.0000°,λ82.0000°. Principal axes: T P1g79.0000°, Azm267.0000°; N P1g7.0000°, Azm34.0000°; P P1g9.0000°, Azm125.0000°								
(353) Southern Iran									
ISC	III	25 07 28 56.6-11	27.55N-02	55.66E-01	10	5.6s,5.6b	1576	0-169	
TEH	III	25 07 28 07.7	27.45N	55.44E	22	6.0L,5.6b			¶10610141
OMAN	III	25 07 28 28.3-8.4	29.60N	54.72E	20-0	6.0L,5.6b			
SFS	III	25 07 28 43.0	26.11N	56.79E	0	5.7L,5.6b			
BJI	III	25 07 28 51.1	27.67N	54.89E	18	5.9s,5.7b			
IDC	III	25 07 28 54.4-29	27.63N	55.54E	0	5.5,5.5s			
ISCJB	III	25 07 28 54.7-11	27.51N-02	55.65E-01	10	5.6s,5.6b			
MOS	III	25 07 28 55.5-1.1	27.58N	55.62E	15	5.9L,5.5s			
THR	III	25 07 28 57.3-51	27.57N	55.87E	16-3	5.5L,5.5s			
HRVD	III	25 07 28 57.7-10	27.43N	55.60E	14	5.9W,5.5b			
NEIC	III	25 07 28 57.6-17	27.57N	55.69E	18	5.8W,5.7b			
CSEM	III	25 07 28 58.9-04	27.50N	55.56E	40	5.9W,5.7b			
CRAAG	III	25 07 28 58.9	27.78N	55.74E	4	5.7b,5.7b			
SZGRF	III	25 07 28 59.7	27.63N	55.57E	33	5.6b,5.6s			
ISC	Event type de.								
OMAN	Error ellipse: s-maj=91.8km s-min=15.9km az=170.0.								
IDC	Error ellipse: s-maj=6.4km s-min=5.7km az=101.0.								
ISCJB	Event type de. Error ellipse: s-maj=2.5km s-min=1.6km az=31.6.								
MOS	Error ellipse: s-maj=5.1km s-min=2.5km az=127.4.								
THR	Error ellipse: s-maj=2.6km s-min=1.5km az=-1.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s100,c201; Mantle waves: s99,c316;Half duration: 2s1 Moment tensor: Scale 1018Nm; M:0.56±0.1 M:0.71±0.1; M:0.15±0.1; M:0.44±0.1; M:0.06±0.1; M:0.06±0.1; M:0.06±0.1; M:0.06±0.1								
NEIC	Best double couple: NP1:φ:269.0000°,δ28.0000°,λ83.0000°. NP2:φ:97.0000°,δ63.0000°,λ93.0000°. Principal axes: T 0.7020, P1g72.0000°, Azm15.0000°; N 0.1560, P1g3.0000°, Azm275.0000°; P -0.8580, P1g17.0000°, Azm184.0000° M:0.78000×10 ¹⁸								
ISC	Event type de. Error ellipse: s-maj=4.7km s-min=2.8km az=18.0. One person killed and one person injured at Fin. Damage to homes in Hormozgan Province. Felt at Bandar-e Abbas. Also felt at Abu Dhabi, Dubai, Ra's al Khaymah and Sharjah, United Arab Emirates. Depth from synthetics of broadband displacement seismograms. Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism. Moment Tensor Solution. s34 Moment tensor: Scale 1017Nm; M:5.49 M:5.40 M:0.08 M:0.17 M:0.58 M:1.49 Best double couple: NP1:φ:290.0000°,δ48.0000°,λ109.0000°. NP2: φ:83.0000°,δ45.0000°,λ70.0000°. Principal axes: T 5.8600, P1g76.0000°, Azm269.0000°; N -0.3900, P1g14.0000°, Azm97.0000°; P 5.4800, P1g2.0000°, Azm7.0000° M:5.70000×10 ¹⁷								
CSEM	Event type ke. Error ellipse: s-maj=1.5km s-min=1.2km az=22.0.								
SZGRF	Southern Iran.								
(116) Central Peru									
ISC	III	25 08 56 25.2-33	10.06S-06	75.61W-07	110	4.7b	134	8-159	
MOS	III	25 08 56 25.2-65	9.81S	75.55W	86	5.0b			¶10610183
ISCJB	III	25 08 56 26.6-33	10.02S-06	75.66W-07	108	4.7b			
BJI	III	25 08 56 27.9	10.10S	75.60W	108	5.2b			
IDC	III								

IDC	III	26 01 56 36.7-1.4	40.40N	124.12W	0	3.9,3.8L			
NEIC	III	26 01 56 38.0	40.27N	124.41W	23	4.6W,4.1b			
ISC	Event type fe.								
ISCJB	Error ellipse: s-maj=7.3km s-min=4.1km az=155.3.								
IDC	Error ellipse: s-maj=15.4km s-min=11.6km az=78.0.								
NEIC	Event type fe. Felt [IV] at Ferndale, Fortuna, Lloita, Myers Flat, Petrolia and Rio Dell; [III] at Carollita, Garberville, Hydenville and Whitethorn; [III] at Arcata and Eureka. Also felt at Bayside, Blue Lake, Kneeland, McKinleyville, Redcrest, Redway and Smith River. After NCEDC. Moment Tensor Solution. Mo9.20000x10 ¹⁵								
(91) Virgin Islands									
ISC	III	26 02 14 34.5-93	19.24N-03	64.91W-03	9-6	4.0b,4.0s	73	1-130	
IDC	III	26 02 14 32.5-81	19.37N	64.80W	0	4.1,3.9		¶10610727	
TRN	III	26 02 14 34.1-1	19.12N	64.90W	14	4.3,3.9			
ISCJB	III	26 02 14 34.7-94	19.27N-04	64.87W-03	24-7	4.0b,4.0s			
NEIC	III	26 02 14 36.9	19.26N	64.71W	28	4.5,4.4b			
RSPR	III	26 02 14 36.9	19.26N	64.81W	28-22	4.3,4.3			
BJI	III	26 02 14 36.9	19.30N	64.80W	28	4.8b,4.7s			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=22.5km s-min=15.1km az=80.0.								
ISCJB	Event type fe. Error ellipse: s-maj=5.9km s-min=4.5km az=179.6.								
NEIC	Event type fe. Felt at San Juan, Puerto Rico. After RSPR.								
RSPR	Event type ke.								
(78) Costa Rica									
ISC	III	26 02 31 50.0-30	10.34N-05	85.02W-04	74	3.8b	72	0-141	
IDC	III	26 02 31 47.0-74	10.60N	84.94W	70-40	3.8,3.7		¶10610745	
NEIC	III	26 02 31 47.7-1.1	10.54N	84.89W	83-13	3.9,3.7			
ISCJB	III	26 02 31 49.6-29	10.36N-04	85.01W-04	74	3.8b,3.7			
CASC	III	26 02 31 49.6-2.3	10.37N	84.99W	74-4	4.0L,3.9			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=79.8km s-min=43.6km az=167.0.								
NEIC	Event type fe. Error ellipse: s-maj=49.7km s-min=31.0km az=105.0. Felt [III] at Tilaran. Also felt at Monteverde.								
ISCJB	Event type fe. Error ellipse: s-maj=8.0km s-min=2.1km az=80.6.								
CASC	Error ellipse: s-maj=4.1km s-min=3.6km az=-1.0.								
(159) North Island									
WEL	III	26 09 08 04.7-23	39.94S	176.79E	54-3	3.8L			
WEL	Event type fe. Error ellipse: s-maj=2.0km s-min=1.3km az=90.0. Felt in the Hawke's Bay region, maximum reported intensity MM 4.								
(244) Taiwan									
ISC	III	26 13 53 08.2-76	24.78N-03	121.98E-03	15-5	4.2b,4.1s	84	0-96	
NIED	III	26 13 53 00	24.80N	121.90E	5	4.6W,4.1s		¶10611058	
JMA	III	26 13 53 06.8-40	24.82N	121.88E	32	4.5,4.1s			
ISCJB	III	26 13 53 08.3-59	24.78N-03	121.94E-03	28-5	4.2b,4.1s			
NEIC	III	26 13 53 08.5-1.1	24.76N	121.91E	17-7	4.5L,4.4b			
BJI	III	26 13 53 12.9	25.41N	121.56E	10	4.7b,4.5L			
IDC	III	26 13 53 15.9-3.9	24.86N	122.18E	81-37	4.0s,4.0			
MOS	III	26 13 53 18.2-75	24.94N	122.21E	125	4.1b,4.0s			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=65.00000°,δ60.00000°,λ-80.00000°. NP2:φ=225.00000°,δ32.00000°,λ-107.00000°. Mo8.70000x10 ¹⁵								
JMA	Error ellipse: s-maj=8.9km s-min=4.0km az=1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=5.8km s-min=3.7km az=28.9.								
NEIC	Event type fe. Error ellipse: s-maj=10.4km s-min=7.2km az=87.0. Recorded [3 TAP] in I-lan and [2 TAP] in T'ai-pei Counties.								
IDC	Error ellipse: s-maj=26.2km s-min=13.6km az=68.0.								
MOS	Error ellipse: s-maj=21.6km s-min=10.3km az=103.9.								
(385) Strait of Gibraltar									
MDD	III	26 18 15 42.5-18	36.92N	4.94W	10-0	3.5			
IDC	III	26 18 15 40.0-1.8	36.86N	4.98W	0	3.5L,3.5b		¶10611159	
INMG	III	26 18 15 41.9-1.1	36.96N	4.97W	1-2	3.5L,3.5b			
CSEM	III	26 18 15 42.8-05	36.94N	4.95W	8	3.9L,3.5b			
NEIC	III	26 18 15 42.4	36.92N	4.94W	10	3.5,3.5b			
SFS	III	26 18 15 42.0	36.92N	4.96W	0	3.1L,3.5b			
IGIL	III	26 18 15 43.4	36.90N	4.80W	30	3.7L,3.5b			
LDG	III	26 18 15 43.3-12	36.91N	4.97W	10-0	4.0L,3.5b			
CNRM	III	26 18 15 47.7	36.90N	4.91W	30	3.8,3.5b			
MDD	Event type fe. Error ellipse: s-maj=1.9km s-min=1.6km az=8.0. EMS: III ARDALES CAQUETE LA REAL, PRXIMO II TEBEA I CUEVAS DEL BECERRO.								
IDC	Error ellipse: s-maj=38.2km s-min=14.4km az=96.0.								
INMG	Event type ke. Error ellipse: s-maj=1.6km s-min=1.2km az=178.0.								
CSEM	Event type ke. Error ellipse: s-maj=1.2km s-min=1.0km az=171.0.								
NEIC	Event type fe. Felt [III] at Ardales and Canete la Real; [II] at Teba; [I] at Cuevas del Becerro, Spain. After MDD.								
LDG	Event type ke.								
(460) Wyoming									
ISC	III	26 19 13 15.5-48	43.71N-04	105.21W-06	0	4.1b	43	1-68	
ISCJB	III	26 19 13 13.9-53	43.70N-04	105.20W-07	0	4.1b		¶10611191	
IDC	III	26 19 13 14.6-1.8	43.72N	105.48W	0	3.9b,3.8			
NEIC	III	26 19 13 15.9-56	43.71N	105.19W	0	3.2L,3.8			
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=7.3km s-min=5.0km az=42.6.								
IDC	Error ellipse: s-maj=52.4km s-min=8.1km az=149.0.								
NEIC	Event type fm. Error ellipse: s-maj=9.1km s-min=7.0km az=145.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.								
(259) Mindanao									
MAN	III	26 19 56 07.5	9.98N	125.36E	2	4.7L,3.5b			
MAN	Event type fe. F PINTUYAN SOUTHERN LEYTE - INTENSITY III.								
(236) Shikoku									
ISC	III	27 02 50 27.8-13	32.63N-02	131.94E-02	47	5.3s,5.2b	581	0-163	
NIED	III	27 02 50 00	32.60N	132.20E	35	5.5W,5.2b		¶10611404	
BJI	III	27 02 50 22.3	32.36N	132.46E	44	5.6b,5.5s			
MOS	III	27 02 50 24.5-1.1	32.57N	131.77E	34	5.6s,4.4b			
ISCJB	III	27 02 50 25.8-13	32.57N-02	131.95E-02	45	5.3s,5.2b			
CSEM	III	27 02 50 25.1	32.54N	131.76E	40	5.5L,5.2b			
JMA	III	27 02 50 26.3	32.60N	132.16E	35-1	5.5,5.2b			
HRVD	III	27 02 50 26.4-20	32.70N	132.02E	22-1	5.5W,5.2b			
NEIC	III	27 02 50 26.4	32.60N	132.16E	35	5.7s,5.5W			
IDC	III	27 02 50 27.3-40	32.65N	132.19E	49-3	5.0s,5.0			
SZGRF	III	27 02 50 27.9	33.23N	133.20E	48	5.8s,5.2b			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=206.00000°,δ88.00000°,λ-88.00000°. NP2:φ=341.00000°,δ4.00000°,λ-135.00000°. Mo2.12000x10 ¹⁷								
MOS	Error ellipse: s-maj=7.2km s-min=4.0km az=106.4.								
ISCJB	Event type fe. Error ellipse: s-maj=3.1km s-min=2.2km az=149.4.								
JMA	Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=20.00000°,δ33.00000°,λ-101.00000°. NP2:φ=213.00000°,δ58.00000°,λ-83.00000°. Principal axes: T P1g13.00000°,Azm298.00000°; N P1g6.00000°,Azm29.00000°; P P1g76.00000°,Azm143.00000°								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s69.c115; Mantle waves: s87.c174; Half duration: 1s4 Moment tensor: Scale 10 ¹⁷ Nm; M=0.09±0.03 M ₀ =0.15±0.02; M ₀ =0.24±0.02; M ₀ =1.12±0.09; M ₀ =0.03±0.02; M ₀ =1.99±0.15; Best double couple: NP1:φ=315.00000°,δ5.00000°,λ-164.00000°. NP2:φ=209.00000°,δ89.00000°,λ-85.00000°. Principal axes: T 2.3090,P1g44.0000°,Azm295.00000°; N -0.0310,P1g5.0000°,Azm29.00000°; P -2.2780,P1g46.0000°,Azm124.00000°. Mo2.29300x10 ¹⁷								
NEIC	Event type fe. Felt on Kyushu and Shikoku and in southwestern Honshu. Recorded [5J JMA] in Oita; [4 JMA] in Miyazaki; [3 JMA] in Fukuoka, Kumamoto and Saga; [2 JMA] in Nagasaki; [1 JMA] in Kagoshima Prefectures. Recorded [4 JMA] in Kochi; [3 JMA] in Ehime; [2 JMA] in Kagawa and [1 JMA] in Tokushima Prefectures, Shikoku. Recorded [2 JMA] in Hiroshima, Okiyama, Shimane and Yamaguchi; [1 JMA] in Hyogo and Tottori Prefectures, Honshu. After JMA. Moment Tensor Solution. Mo2.10000x10 ¹⁷								
IDC	Error ellipse: s-maj=10.0km s-min=5.2km az=18.0.								
SZGRF	Shikoku, Japan.								
(123) Northern Chile									
ISC	III	27 05 23 59.8-18	20.85S-03	69.53W-04	59	5.2b,4.3s	232	2-173	
MOS	III	27 05 23 56.8-1.1	20.75S	69.47W	47	5.4b,4.3s		¶10611488	
ISCJB	III	27 05 23 57.8-19	20.81S-03	69.49W-04	57	5.2b,4.3s			
HRVD	III	27 05 23 59.7-30	21.03S	69.81W	67-2	5.2W,4.3s			
BJI	III	27 05 23 59.9	20.80S	69.50W	57	5.7s,5.3s			

IDC	III	27 05 23 59.9-37	20.78S	69.54W	61-3	4.9,4.7			
NEIC	III	27 05 23 59.7-17	20.80S	69.47W	58	5.2b,4.7			
ISC	Event type fe.								
ISC	Error ellipse: s-maj=16.5km s-min=6.4km az=114.4.								
MOS	Event type fe. Error ellipse: s-maj=5.8km s-min=4.0km az=164.3.								
ISCJB	Event type fe. Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
HRVD	LP body waves: s56.c78; Mantle waves: s81.c135; Half duration: 1s0 Moment tensor: Scale 10 ¹⁷ Nm; M=0.03±0.03 M ₀ =0.78±0.03; M ₀ =0.75±0.04; M ₀ =0.26±0.02; M ₀ =0.17±0.03; M ₀ =0.24±0.03; Best double couple: NP1:φ=321.00000°,δ66.00000°,λ178.00000°. NP2:φ=52.00000°,δ88.00000°,λ24.00000°. Principal axes: T 0.8660,P1g18.0000°,Azm279.00000°; N 0.0030,P1g66.0000°,Azm56.00000°; P -0.8630,P1g16.0000°,Azm184.00000°. Mo0.86200x10 ¹⁷								
IDC	Error ellipse: s-maj=15.0km s-min=5.7km az=73.0.								
NEIC	Event type fe. Error ellipse: s-maj=6.9km s-min=4.1km az=62.0. Felt [IV] at Alto Hospicio and Iquique; [III] at Huará, Pica, Pisagua, Pozo Almonte and Tocopilla; [II] at Rio Loa.								
(228) Near east coast of eastern Honshu									
JMA	III	27 14 10 50.6-10	40.07N	142.10E	38-1	3.7			
NIED	III	27 14 10 00	40.10N	142.10E	56	3.6W		¶10611735	
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=36.00000°,δ69.00000°,λ0.00000°. NP2:φ=306.00000°,δ90.00000°,λ159.00000°. Principal axes: T P1g15.0000°,Azm259.00000°; N P1g69.0000°,Azm126.00000°; P P1g15.0000°,Azm353.00000°								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=51.00000°,δ57.00000°,λ59.00000°. NP2:φ=278.00000°,δ44.00000°,λ128.00000°. Mo2.85000x10 ¹⁴								
(460) Wyoming									
ISC	III	27 20 06 33.4-57	43.78N-04	105.23W-07	0	4.5b	27	1-61	
IDC	III	27 20 06 30.2-3.4	43.26N	105.05W	0	3.8,3.6		¶10611919	
ISCJB	III	27 20 06 32.3-62	43.80N-04	105.26W-07	0	4.5b,3.6			
NEIC	III	27 20 06 33.5-53	43.75N	105.23W	0	3.2L,3.6			
ISC	Event type fm.								
IDC	Error ellipse: s-maj=80.1km s-min=11.5km az=154.0.								
ISCJB	Event type fm. Error ellipse: s-maj=7.1km s-min=5.8km az=47.6.								
NEIC	Event type fm. Error ellipse: s-maj=9.4km s-min=6.3km az=151.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.								
(250) Mindoro									
ISC	III	27 23 43 36.3-13	12.09N-02	121.41E-02	10	5.3b,5.3s	416	0-175	
IDC	III	27 23 43 34.0-37	12.11N	121.35E	0	5.2,5.2s		¶10612022	
ISCJB	III	27 23 43 34.6-13	12.10N-02	121.36E-02	10	5.3b,5.3s			
MAN	III	27 23 43 36.5	12.06N	121.37E	13	5.8L,5.3b			
MOS	III	27 23 43 37.7-1.1	12.11N	121.43E	36	5.6b,5.1s			
BJI	III	27 23 43 37.5	12.12N	121.54E	34	5.7b,5.6s		</	

; N -0.1300,Plg12.0000°,AzM163.0000°; P -0.9600,Plg43.0000°,AzM264.0000°
 M₀1.00000×10¹⁸
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 Centroid Moment Tensor Solution, LP body waves: s90,c193;Half duration: 2s2
 Moment tensor: Scale 1017Nm; Mr0.23±0.09 Mw1.70±.13; M_{ww}1.92±.14; M₂₂2.28±.14;
 M₃₃-1.33±.12; M₁₁-8.56±.12; Best double couple: NP1:φ=66.00000°,δ13.00000°,λ172.00000°;
 NP2:φ=164.00000°,δ88.00000°,λ77.00000°; Principal axes: T 8.7350,Plg45.0000°
 AzM61.0000°; N 0.7690,Plg13.0000°,AzM164.0000°; P -9.4990,Plg42.0000°,AzM266.0000°
 M₀9.11700×10¹⁷
 MOS Error ellipse: s-maj=6.6km s-min=3.6km az=106.4.
 IDC Error ellipse: s-maj=6.8km s-min=4.9km az=73.0.
 SZGRF Southeast of Honshu, Japan.

(460) Wyoming

ISC	III	28 21 03 24.6--65	43.78N--06	105.24W--09	0		18	1-20
IDC	III	28 21 03 20.2--2.0	43.19N	105.07W	0	3.3,3.2		¶10612522
ISCJB	III	28 21 03 23.3--68	43.80N--05	105.24W--09	0	3.3,3.2		
NEIC	III	28 21 03 25.1--72	43.80N	105.19W	0	3.0L,3.2		

ISC Event type fm.
 IDC Error ellipse: s-maj=40.7km s-min=10.1km az=153.0.
 ISCJB Event type fm. Error ellipse: s-maj=10.6km s-min=6.6km az=62.2.
 NEIC Event type fm. Error ellipse: s-maj=11.4km s-min=8.2km az=139.0. 60 km [35 miles] SSE of Gillette. Suspected Mining explosion.

(327) Lake Baykal region

ISC	III	28 21 47 55.1--19	53.56N--02	108.50E--03	13	4.2b,3.5s	195	0-151
BJI	III	28 21 47 50.6	53.86N	109.11E	10	4.6b,4.3s		¶10612542
ISCJB	III	28 21 47 53.6--20	53.57N--02	108.52E--03	13	4.2b,3.5s		
MOS	III	28 21 47 53.6--1.1	53.57N	108.46E	9	4.4b,3.5s		
IDC	III	28 21 47 53.6--66	53.58N	108.48E	0	4.1,4.0		
NEIC	III	28 21 47 54.7--47	53.62N	108.53E	10	4.3b,4.0		
BYKL	III	28 21 47 55.6--15	53.56N	108.48E	13--2	4.3b,4.0		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=2.9km s-min=1.9km az=94.5.
 MOS Error ellipse: s-maj=8.3km s-min=5.6km az=64.0. Felt (II) at Ust-Barguzin, Onguryeny. Moment Tensor Solution.
 IDC Error ellipse: s-maj=18.6km s-min=13.8km az=82.0.
 NEIC Event type fe. Error ellipse: s-maj=10.3km s-min=7.8km az=54.0. Felt (II) at Onguryeny and Ust-Barguzin.

BYKL Event type se. FELT I=III MSK at Ust-Barguzin, II at Onguren, Yelantsy.
 (135) Near coast of central Chile

GUC	III	28 23 52 46.6--76	32.67S	71.83W	37--2	4.5L		
NEIC	III	28 23 52 46.0	32.67S	71.83W	37	4.5L		¶10612592
GUC	III	28 23 52 46.0	32.67S	71.83W	37	4.5L		
NEIC	III	28 23 52 46.0	32.67S	71.83W	37	4.5L		

ISC Event type fe. Error ellipse: s-maj=1.4km s-min=3.3km az=-1.0.
 IDC Event type fe. Felt (III) at Concon, Quillota, Valparaiso and Vina del Mar; (II) at Quilpe and Santiago. After GUC.
 (135) Near coast of central Chile

ISC	III	29 00 07 51.4--74	32.69S--02	71.84W--05	21--5	4.0b,3.7s	64	0-84
IDC	III	29 00 07 44.8--2.8	32.52S	72.39W	0	4.2b,4.0L		¶10612598
ISCJB	III	29 00 07 51.7--61	32.68S--02	71.85W--06	43--7	4.0b,3.7s		
NEIC	III	29 00 07 51.7	32.67S	71.76W	36	4.3,3.7s		
GUC	III	29 00 07 51.7--67	32.67S	71.76W	36--2	4.3,4.3L		

ISC Event type fe.
 IDC Error ellipse: s-maj=52.4km s-min=46.6km az=159.0.
 ISCJB Event type fe. Error ellipse: s-maj=8.3km s-min=3.9km az=156.2.
 NEIC Event type fe. Felt (III) at Puchuncavi; (II) at Santiago, Valparaiso and Vina del Mar. After GUC.

GUC Error ellipse: s-maj=1.2km s-min=2.7km az=-1.0.
 (39) Central California

ISC	III	29 01 36 22.4--28	35.61N--02	117.56W--02	10	4.6b	81	1-99
ISCJB	III	29 01 36 20.9--28	35.64N--02	117.47W--03	10	4.6b		¶10612629
BJI	III	29 01 36 20.4	35.14N	118.21W	17	5.2b,4.8s		
IDC	III	29 01 36 22.5--3.0	35.58N	117.54W	0	3.3,3.2		
NEIC	III	29 01 36 22.0	35.62N	117.59W	10	4.1L,3.2		

ISC Event type de.
 ISCJB Event type de. Error ellipse: s-maj=3.1km s-min=2.3km az=160.8.
 IDC Error ellipse: s-maj=40.0km s-min=18.7km az=54.0.
 NEIC Event type de. Cracks observed in a wall of one building at Ridgecrest. Felt (IV) at Ridgecrest, (III) at Weldon and (II) at Inyokern and Trona. Felt at Bakersfield, Bodfish, Johannesburg, Lake Isabella and Onyx. After PAS.

(228) Near east coast of eastern Honshu

ISC	III	29 04 07 55.2--1.0	36.55N--04	141.56E--06	33--15	3.8b	37	1-75
ISCJB	III	29 04 07 54.1--90	36.52N--04	141.59E--07	41--8	3.9b		¶10612685
JMA	III	29 04 07 55.2--10	36.58N	141.43E	48--2	4.0		
IDC	III	29 04 07 58.4--2.4	36.43N	141.49E	60--21	4.2L,3.9		
NIED	III	29 04 08 00.0	36.60N	141.50E	35	4.0W,3.9		
NEIC	III	29 04 08 00.1--1.7	36.48N	141.18E	68--13	4.3b,3.9		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=9.7km s-min=6.1km az=43.6.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.
 IDC Error ellipse: s-maj=19.7km s-min=11.7km az=73.0.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=31.00000°,δ69.00000°,λ63.00000°;
 NP2:φ=266.00000°,δ34.00000°,λ140.00000°; M₀1.10000×10¹⁵
 NEIC Event type fe. Error ellipse: s-maj=20.0km s-min=11.9km az=72.0. Recorded [1 JMA] in Fukushima, Ibaraki and Tochigi Prefectures.

(246) Southwestern Ryukyu Islands

ISC	III	29 06 16 29.9--41	24.31N--04	125.22E--04	32	4.1b,3.4s	52	0-85
NIED	III	29 06 16 00.0	24.30N	125.20E	35	4.2W,3.4s		¶10612728
ISCJB	III	29 06 16 27.8--42	24.21N--04	125.28E--03	30	4.1b,3.4s		
IDC	III	29 06 16 29.7--63	24.27N	124.97E	29--4	4.0,4.0		
JMA	III	29 06 16 29.7--20	24.26N	125.18E	22	4.3,4.0		
BJI	III	29 06 16 30.2	24.53N	125.33E	46	4.6b,4.0s		
NEIC	III	29 06 16 31.6--1.1	24.31N	125.08E	50--12	4.2b,4.0s		

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=44.00000°,δ70.00000°,λ74.00000°;
 NP2:φ=265.00000°,δ25.00000°,λ128.00000°; M₀2.22000×10¹⁵
 ISCJB Event type fe. Error ellipse: s-maj=6.0km s-min=4.1km az=131.6.
 IDC Error ellipse: s-maj=24.1km s-min=13.4km az=70.0.
 JMA Event type fe. Error ellipse: s-maj=2.2km s-min=1.0km az=-1.0.
 NEIC Event type fe. Error ellipse: s-maj=12.9km s-min=11.1km az=162.0. Recorded [1 JMA] on Miyako-jima.

(228) Near east coast of eastern Honshu

ISC	III	29 10 28 40.6--36	37.25N--03	141.45E--04	78--2	4.7b	212	0-155
NIED	III	29 10 28 00.0	37.20N	141.60E	77	4.6W		¶10612836
BJI	III	29 10 28 37.5	37.27N	141.52E	76	5.0b,4.9b		
SZGRF	III	29 10 28 38.2	37.81N	141.62E	33	4.6b,4.9b		
JMA	III	29 10 28 39.4--10	37.20N	141.55E	76--2	4.8,4.9b		
ISCJB	III	29 10 28 39.7--34	37.22N--03	141.41E--03	86--2	4.7b,4.9b		
MOS	III	29 10 28 40.8--83	37.19N	141.34E	99	4.8b,4.9b		
NEIC	III	29 10 28 40.5--17	37.19N	141.47E	79	4.7b,4.6W		
IDC	III	29 10 28 40.5--37	37.16N	141.44E	80--3	4.6,4.5		

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=190.00000°,δ67.00000°,λ-102.00000°;
 NP2:φ=38.00000°,δ26.00000°,λ-64.00000°; M₀9.22000×10¹⁵
 SZGRF Near east coast of eastern Honshu, Japan.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=30.00000°,δ27.00000°,λ-68.00000°; NP2: φ=186.00000°,δ65.00000°,λ-100.00000°; Principal axes: T P1g20.0000°,AzM284.0000°; N P1g10.0000°,AzM191.0000°; P P1g68.0000°,AzM76.0000°

ISCJB Event type fe. Error ellipse: s-maj=5.1km s-min=4.2km az=102.5.
 MOS Error ellipse: s-maj=8.6km s-min=6.0km az=108.6.
 NEIC Event type fe. Error ellipse: s-maj=5.4km s-min=3.5km az=157.0. Recorded [3 JMA] in Fukushima and Miyagi; [2 JMA] in Ibaraki and Tochigi; [1 JMA] in Gumma, Iwate, Saitama and Yamagata Prefectures. Moment Tensor Solution. M₀9.20000×10¹⁵

IDC Error ellipse: s-maj=12.0km s-min=8.6km az=104.0.
 (244) Taiwan

ISC	III	29 17 30 58.4--60	24.40N--05	121.98E--03	12--4	3.6b,3.0s	36	0-82
NIED	III	29 17 30 00.0	24.60N	121.90E	8	4.0W,3.0s		¶10613007
NEIC	III	29 17 30 58.0--1.5	24.42N	121.99E	8--10	4.6L,3.0s		
BJI	III	29 17 30 57.9	24.40N	122.00E	25	4.5b,4.1L		
ISCJB	III	29 17 30 58.4--52	24.41N--05	121.94E--03	24--5	3.6b,3.0s		
JMA	III	29 17 30 59.1--30	24.56N	121.94E	44--4	4.2,3.0s		
IDC	III	29 17 31 05.0--4.6	24.47N	122.25E	66--43	3.7L,3.7		

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=288.00000°,δ73.00000°,λ-33.00000°;
 NP2:φ=29.00000°,δ58.00000°,λ-160.00000°; M₀1.22000×10¹⁵
 NEIC Event type fe. Error ellipse: s-maj=14.0km s-min=9.6km az=83.0. Recorded [4 TAP] in I-Han; [3 TAP] in Hua-lien; [1 TAP] in Nan-tou and T'ai-pai Counties.
 ISCJB Event type fe. Error ellipse: s-maj=8.0km s-min=3.7km az=19.8.
 JMA Error ellipse: s-maj=6.7km s-min=2.0km az=-1.0.
 IDC Error ellipse: s-maj=35.4km s-min=19.6km az=69.0.

(374) Jordan - Syria region

ISC	III	29 22 05 13.2--11	35.30N--01	35.44E--01	10	4.6b,4.4s	657	1-96
HLW	III	29 22 05 10.6	35.53N	35.09E	8	4.5b,4.4s		¶10613101
BJI	III	29 22 05 10.6	35.17N	34.83E	35	5.3b,5.1s		
CRAAG	III	29 22 05 10.4	35.24N	35.49E	5	4.7b,5.1s		
ISCJB	III	29 22 05 11.6--11	35.29N--01	35.43E--01	10	4.6b,4.4s		
IDC	III	29 22 05 11.1--56	35.29N	35.51E	0	4.4,4.4L		
CSEM	III	29 22 05 12.6	35.24N	35.49E	25	4.7b,4.4L		
MOS	III	29 22 05 13.1--1.2	35.23N	35.41E	27	4.8b,4.3s		
NSSC	III	29 22 05 13.4	35.37N	35.45E	10--2	4.8b,4.3s		
NIC	III	29 22 05 14.4--40	35.38N	35.56E	55	4.6b,4.5L		
ISK	III	29 22 05 14.0	35.31N	35.52E	38	4.7,4.5L		
GRAL	III	29 22 05 14.2--2.9	35.41N	35.51E	15--20	4.3,4.5L		
HRVD	III	29 22 05 15.2--50	35.41N	35.41E	20--2	5.0W,4.5L		
NEIC	III	29 22 05 15.2--17	35.25N	35.43E	27	4.7L,4.6b		
SZGRF	III	29 22 05 17.2	35.13N	34.64E	33	4.7b,4.3s		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=1.7km s-min=1.6km az=179.8.
 IDC Error ellipse: s-maj=14.1km s-min=11.8km az=156.0.
 MOS Error ellipse: s-maj=4.8km s-min=2.8km az=118.5.
 NSSC Event type se.
 NIC Moment Tensor Solution. M₀1.10000×10¹⁵
 GRAL Error ellipse: s-maj=19.3km s-min=20.3km az=-1.0.
 HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s20,c25; Mantle waves: s67,c109; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=0.80±.14 Mw=2.03±.11; M_{ww}2.83±.13; M₂₂1.25±.27; M₃₃0.59±.10; M₁₁-2.08±.36;
 Best double couple: NP1:φ=219.00000°,δ43.00000°,λ-10.00000°; NP2:φ=317.00000°;
 δ83.00000°,λ-132.00000°; Principal axes: T 3.9670,Plg26.0000°,AzM79.0000°
 ; N -1.0750,Plg42.0000°,AzM323.0000°; P -2.8910,Plg37.0000°,AzM190.0000°
 M₀3.42900×10¹⁶

NEIC Event type fe. Error ellipse: s-maj=3.0km s-min=2.5km az=97.0. Felt on Cyprus and at Iskenderun, Turkey.
 SZGRF Cyprus region.

(135) Near coast of central Chile

ISC	III	30 01 57 12.8--42	32.47S--02	71.47W--06	58--5	4.2b,3.5s	81	0-83
ISCJB	III	30 01 57 11.7--42	32.47S--02	71.47W--06	67--4	4.1b,3.5s		¶10613186
IDC	III	30 01 57 12.5--3.7	32.37S	71.63W	71--28	4.0,3.9b		
NEIC	III	30 01 57 12.0	32.47S	71.36W	53	4.4,4.3b		
GUC	III	30 01 57 12.5--69	32.47S	71.36W	53--4	4.4,4.3L		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=8.3km s-min=3.3km az=160.4.
 IDC Error ellipse: s-maj=39.4km s-min=23.6km az=132.0.
 NEIC Event type fe. Felt (III) at Illapel and Salamanca; (II) at San Felipe, Vina del Mar and Zapallar. After GUC.
 GUC Error ellipse: s-maj=1.0km s-min=2.9km az=-1.0.
 (92) Leeward Islands

ISC	III	30 04 07 02.8--48	1
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M₀0.00 M₀0.00 Best double couple: NP1:φ=44.00000°, λ=90.00000°, λ36.00000°; NP2: φ=314.00000°, λ54.00000°, λ180.00000°. Principal axes: T 1.0200, Plg25.0000°, Azm275.0000°; N 0.0000, Plg54.0000°, Azm45.0000°; P -1.0200, Plg24.0000°, Azm173.0000°; M₀1.00000°×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=316.00000°, λ40.00000°, λ-172.00000°. NP2: φ=220.00000°, λ85.00000°, λ-50.00000°. Principal axes: T Plg29.0000°, Azm279.0000°; N Plg0.0000°, Azm0.0000°; P Plg37.0000°, Azm165.0000°

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s90.c206; Mantle waves: s96.c341; Half duration: 2.9 Moment tensor: Scale 10¹⁸Nm; M_{rr}-0.33±0.1 M_{θθ}-1.50±0.1; M_{φφ}1.83±0.1; M_{φθ}0.27±0.06; M_{φλ}0.15±0.1; M_{θλ}0.18±0.04; Best double couple: NP1:φ=313.00000°, λ78.00000°, λ-174.00000°. NP2:φ=222.00000°, λ84.00000°, λ-12.00000°. Principal axes: T 1.8490, Plg4.0000°, Azm268.0000°; N -0.2800, Plg77.0000°, Azm16.0000°; P -1.5690, Plg13.0000°, Azm177.0000°; M₀1.70900×10¹⁸

MOS Error ellipse: s-maj=4.5km s-min=2.1km az=131.9.
THR Error ellipse: s-maj=7.8km s-min=5.5km az=-1.0. Moment Tensor Solution. NP1: φ=238.25000°, λ73.76000°, λ-72.27000°.

SZGRF Western Iran.
IDC Error ellipse: s-maj=7.8km s-min=7.2km az=96.0.
(224) Hokkaido region

ISC	III	31 07 36 26.2-51	40.99N-04	141.42E-08	121-4	3.5b	27	0-65
IDC	III	31 07 36 24.1-3.1	41.03N	140.94E	104-33	3.5,3.4		¶10614261
ISCJB	III	31 07 36 25.2-51	40.99N-04	141.43E-08	126-4	3.5b,3.4		
JMA	III	31 07 36 26.6-10	41.01N	141.46E	117-1	3.4,3.4		
ISC	Event type fe.							
IDC	Error ellipse: s-maj=322.3km s-min=20.7km az=110.0.							
ISCJB	Event type fe. Error ellipse: s-maj=10.6km s-min=5.8km az=11.1.							
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0.							

(658) Northeastern China

ISC	III	31 12 23 17.9-14	44.64N-02	124.15E-03	10	4.8b,4.4s	343	1-162
IDC	III	31 12 23 15.5-42	44.59N	124.20E	0	4.7,4.7		¶10614418
BJI	III	31 12 23 15.3	44.69N	124.21E	8	5.3L,5.1s		
ISCJB	III	31 12 23 16.2-14	44.61N-02	124.14E-03	10	4.8b,4.4s		
NEIC	III	31 12 23 17.9-15	44.62N	124.12E	10	4.9b,4.4s		
HRVD	III	31 12 23 17.9-40	44.65N	124.08E	12	4.8W,4.4s		
MOS	III	31 12 23 19.4-87	44.57N	124.14E	33	5.0b,4.5s		
SZGRF	III	31 12 23 22.2	44.56N	123.58E	33	5.2b,4.5s		

ISC Event type de.
IDC Error ellipse: s-maj=16.5km s-min=11.9km az=75.0.
ISCJB Event type de. Error ellipse: s-maj=2.9km s-min=2.7km az=110.1.
NEIC Event type de. Error ellipse: s-maj=4.0km s-min=3.9km az=187.0. Some buildings destroyed and many damaged in the Songyuan area. Felt in much of Jilin and in parts of Liaoning, Heilongjiang and Nei Mongol.

HRVD Error ellipse: s-maj=3.3km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s7.c7; Mantle waves: s49.c78; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_{rr}1.18±0.09 M_{θθ}0.72±0.08; M_{φφ}1.90±0.07; M_{φθ}0.13±0.03; M_{φλ}0.07±0.07; M_{θλ}0.44±0.24; Best double couple: NP1:φ=168.00000°, λ39.00000°, λ70.00000°. NP2:φ=13.00000°, λ85.00000°, λ105.00000°. Principal axes: T 1.2680, Plg75.0000°, Azm330.0000°; N 0.7010, Plg12.0000°, Azm184.0000°; P -1.9640, Plg8.0000°, Azm92.0000°; M₀1.61600×10¹⁶

MOS Error ellipse: s-maj=9.4km s-min=4.8km az=116.6.
SZGRF Northeastern China.
(249) Luzon

MAN	III	31 14 40 18.4	12.36N	123.70E	6	4.3L,2.9b		
								¶10614514

MAN Event type fe. F MASBATE MASBATE - INTENSITY II.
(460) Wyoming

ISC	III	31 19 10 37.4-52	43.74N-03	105.18W-06	0		30	1-20
IDC	III	31 19 10 35.5-2.2	43.53N	105.36W	0	3.5,3.3L		¶10614641
ISCJB	III	31 19 10 36.2-55	43.76N-03	105.19W-06	0	3.5,3.3L		
NEIC	III	31 19 10 37.3-38	43.69N	105.21W	0	3.1L,3.3L		
ISC	Event type fm.							
IDC	Error ellipse: s-maj=48.6km s-min=9.1km az=152.0.							
ISCJB	Event type fm. Error ellipse: s-maj=6.5km s-min=4.8km az=6.2.							
NEIC	Event type fm. Error ellipse: s-maj=5.6km s-min=4.2km az=140.0. 75 km [45 miles] SSE of Gillette. Suspected Mining explosion.							

(263) Talau Islands

ISC	III	31 21 14 45.8-13	3.80N-02	126.49E-03	44	5.8b,5.6s	635	3-169
MOS	III	31 21 14 43.6-88	3.88N	126.36E	33	6.0b,5.7s		¶10614687
ISCJB	III	31 21 14 43.8-13	3.76N-02	126.45E-03	42	5.8b,5.6s		
NEIC	III	31 21 14 45.2-11	3.80N	126.34E	37	6.2W,5.8		
BJI	III	31 21 14 45.5	4.16N	126.59E	31	5.9b,5.7s		
HRVD	III	31 21 14 47.2-10	4.07N	126.57E	50-0	6.1W,5.7s		
IDC	III	31 21 14 47.9-1.1	3.65N	126.34E	63-8	5.7,5.5		

ISC Event type fe.
MOS Error ellipse: s-maj=9.0km s-min=4.4km az=117.5.
ISCJB Event type fe. Error ellipse: s-maj=4.4km s-min=2.7km az=129.1.
NEIC Event type fe. Error ellipse: s-maj=5.2km s-min=3.3km az=63.0. Felt [IV] at Kalongan. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s22 Moment tensor: Scale 10¹⁸Nm; M_{rr}-0.29 M_{θθ}1.90 M_{φφ}-1.61 M_{φθ}0.42 M_{φλ}1.62 M_{θλ}-0.73 Best double couple: NP1:φ=292.00000°, λ78.00000°, λ-17.00000°. NP2:φ=25.00000°, λ167.00000°. Principal axes: T 2.5400, Plg33.0000°, Azm339.0000°; N 0.0100, Plg70.0000°, Azm76.0000°; P -2.5600, Plg20.0000°, Azm248.0000°; M₀2.50000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=24.00000°, λ152.00000°. NP2: φ=280.00000°, λ65.00000°, λ30.00000°. Principal axes: T Plg1.0000°, Azm332.0000°; N Plg0.0000°, Azm0.0000°; P Plg38.0000°, Azm241.0000°

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s101.c227; Mantle waves: s98.c361; Half duration: 2.8 Moment tensor: Scale 10¹⁸Nm; M_{rr}-0.88±0.02 M_{θθ}1.45±0.1; M_{φφ}0.57±0.1; M_{φθ}0.97±0.1; M_{θλ}0.56±0.02; Best double couple: NP1:φ=32.00000°, λ52.00000°, λ-152.00000°. NP2:φ=283.00000°, λ68.00000°, λ-42.00000°. Principal axes: T 1.9230, Plg10.0000°, Azm341.0000°; N -0.1810, Plg44.0000°, Azm81.0000°; P -1.7440, Plg44.0000°, Azm241.0000°; M₀1.83400×10¹⁸

IDC Error ellipse: s-maj=12.6km s-min=6.7km az=69.0.
(249) Luzon

ISC	III	31 23 13 48.6-67	12.27N-03	123.78E-03	8-5	4.1b,3.9s	49	0-93
IDC	III	31 23 13 47.0-86	12.19N	123.84E	0	4.2,4.1		¶10614753
ISCJB	III	31 23 13 48.1-76	12.28N-03	123.78E-03	11-5	4.1b,3.9s		
MAN	III	31 23 13 48.5	12.35N	123.76E	15	4.7L,3.5b		
NEIC	III	31 23 13 52.1-55	12.17N	123.81E	35	4.2b,3.5b		
BJI	III	31 23 13 52.0	12.20N	123.80E	35	4.7b,4.3b		
ISC	Event type fe.							
IDC	Error ellipse: s-maj=50.4km s-min=15.9km az=67.0.							
ISCJB	Event type fe. Error ellipse: s-maj=5.4km s-min=4.4km az=126.3.							
MAN	Event type fe. F Masbate Masbate - Intensity III.							
NEIC	Event type se. Error ellipse: s-maj=21.6km s-min=9.8km az=67.0.							

(127) Chile-Argentina border region

GUC	IV	01 02 42 49.2-59	33.57S	70.96W	78-1	4.1L,3.8		
NEIC	IV	01 02 42 49.2	33.57S	70.96W	78	3.8,3.8		¶8645716

GUC Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.
NEIC Event type fe. Felt [III] at San Jose de Maipo and Santiago. After GUC.
(243) Taiwan region

ISC	IV	01 10 02 20.3-71	22.93N-01	121.28E-02	10-4	6.1s,6.0b	1057	1-176
NIED	IV	01 10 02 00	22.70N	121.00E	8	6.1W,6.0b		¶10697446
ISCJB	IV	01 10 02 17.0-64	22.89N-02	121.26E-02	0-4	6.1s,6.0b		
JMA	IV	01 10 02 17.5-30	22.68N	121.04E	96	6.4,6.0b		
BJI	IV	01 10 02 18.9	23.04N	121.13E	6	6.7s,6.5b		
CRAAG	IV	01 10 02 18.0	22.90N	121.22E		6.2W,6.5b		
SZGRF	IV	01 10 02 19.7	22.02N	121.13E	33	6.5b,6.4s		
HRVD	IV	01 10 02 19.6-10	22.89N	121.10E	15-0	6.1W,6.4s		
NEIC	IV	01 10 02 19.6-11	22.87N	121.28E	9	6.6,6.4L		
MOS	IV	01 10 02 21.1-1.1	22.88N	121.46E	33	6.3b,6.2s		
IDC	IV	01 10 02 22.7-1.2	22.71N	121.29E	33-7	5.9s,5.9		
ISC	Event type de.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=284.00000°, λ85.00000°, λ-136.00000°. NP2:φ=189.00000°, λ46.00000°, λ-7.00000°. M ₀ 1.84000×10 ¹⁸							
ISCJB	Event type de. Error ellipse: s-maj=2.7km s-min=2.3km az=95.9.							

JMA Error ellipse: s-maj=4.4km s-min=4.1km az=-1.0.
SZGRF Taiwan region.
HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s98.c225; Mantle waves: s102.c385; Half duration: 3.0 Moment tensor: Scale 10¹⁸Nm; M_{rr}0.11±0.01 M_{θθ}0.98±0.01; M_{φφ}0.86±0.01; M_{φθ}0.77±0.03; M_{θλ}-1.45±0.1; M_{φλ}0.69±0.03; Best double couple: NP1:φ=199.00000°, λ63.00000°, λ11.00000°. NP2:φ=104.00000°, λ80.00000°, λ153.00000°. Principal axes: T 2.1380, Plg26.0000°, Azm59.0000°; N -0.2930, Plg61.0000°, Azm266.0000°; P -1.8460, Plg12.0000°, Azm155.0000°; M₀1.99200×10¹⁸

NEIC Event type de. Error ellipse: s-maj=3.6km s-min=3.4km az=64.0. Forty-two people injured and some buildings damaged in T'ai-tung County, Felt in much of Taiwan. Recorded [6 TAP] at T'ai-tung, Recorded [5 TAP] in T'ai-tung; [4 TAP] in Kao-hsiung, P'ing-tung and T'ai-nan; [3 TAP] in Chia-i, Hua-lien, Nan-tou and Yun-lin; [2 TAP] in Chang-hua, Miao-i and I-lan; [1 TAP] in P'eng-hu Counties. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s34 Moment tensor: Scale 10¹⁸Nm; M_{rr}0.67 M_{θθ}0.27 M_{φφ}0.94 M_{φθ}0.99 M_{θλ}-1.55 M_{φλ}0.30 Best double couple: NP1: φ=74.00000°, λ71.00000°, λ148.00000°. NP2:φ=175.00000°, λ60.00000°, λ22.00000°. Principal axes: T 2.0500, Plg36.0000°, Azm31.0000°; N 0.0000, Plg53.0000°, Azm226.0000°; P -2.0400, Plg7.0000°, Azm126.0000°; M₀2.00000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=104.00000°, λ154.00000°. NP2: φ=200.00000°, λ65.00000°, λ15.00000°. Principal axes: T Plg28.0000°, Azm60.0000°; N Plg0.0000°, Azm0.0000°; P Plg8.0000°, Azm154.0000°

ISC Error ellipse: s-maj=7.6km s-min=4.0km az=115.1.
IDC Error ellipse: s-maj=9.4km s-min=6.6km az=85.0.
(243) Taiwan region

ISC	IV	01 10 40 20.1-37	22.83N-04	121.23E-03	10	4.4b	97	1-146
JMA	IV	01 10 40 18.7-50	22.62N	121.13E	50	4.6		¶8197927
ISCJB	IV	01 10 40 18.8-39	22.87N-04	121.19E-03	10	4.4b		
NEIC	IV	01 10 40 19.4-46	22.75N	121.40E	10	4.8L,4.8b		
MOS	IV	01 10 40 20.7-1.1	22.67N	121.34E	33	4.9b,4.8b		
BJI	IV	01 10 40 20.0	22.97N	121.09E	5	5.0s,4.8s		
IDC	IV	01 10 40 23.9-4.0	22.76N	121.48E	46-39	4.1,3.9L		

ISC Event type fe.
JMA Error ellipse: s-maj=5.6km s-min=5.1km az=-1.0.
ISCJB Event type fe. Error ellipse: s-maj=5.7km s-min=3.4km az=145.7.
NEIC Event type fe. Error ellipse: s-maj=10.4km s-min=8.7km az=134.0. Recorded [4 TAP] in T'ai-tung; [2 TAP] in Hua-lien and Kao-hsiung; [1 TAP] in Chia-i and P'ing-tung Counties.
MOS Error ellipse: s-maj=15.7km s-min=8.1km az=110.2.
IDC Error ellipse: s-maj=28.4km s-min=15.2km az=66.0.

(243) Taiwan region

ISC	IV	01 11 53 51.3-2.2	22.77N-06	121.25E-04	4-15	3.7b	31	1-84
ISCJB	IV	01 11 53 50.9-1.8	22.71N-05	121.24E-04	13-12	3.7b		¶8197928
BJI	IV	01 11 53 50.3	22.80N	121.70E	10	4.8L,4.2b		
NEIC	IV	01 11 53 51.4-68	22.84N	121.73E	10	4.2b,4.3b		
JMA	IV	01 11 53 52.5-30	22.71N	121.19E	86	3.5,4.2b		
IDC	IV	01 11 54 06.8-8.2	22.67N	121.22E	148-82	3.5,3.2		

ISC Event type fe.
ISCJB Event type fe. Error ellipse: s-maj=9.2km s-min=6.8km az=162.2.
NEIC Event type fe. Error ellipse: s-maj=33.4km s-min=10.3km az=77.0. Recorded [3 TAP] in T'ai-tung; [1 TAP] in Hua-lien and Kao-hsiung Counties.
JMA Error ellipse: s-maj=4.4km s-min=3.1km az=-1.0.
IDC Error ellipse: s-maj=34.3km s-min=16.6km az=70.0.

(39) Central California

ISC	IV	01 12 25 59.5-1.1	36.40N-04	121.23W-04	2-6	4.8s,4.3b	81	0-101
BJI	IV	01 12 25 57.7	36.50N	121.10W	5	5.1s,5.0b		¶8228633
ISCJB	IV	01 12 25 58.9-40	36.48N-03	121.12W-04	2	4.8s,4.3b		
NEIC	IV	01 12 25 59.8	36.52N	121.09W				

ISC Event type fe.
 SZGRF Off east coast of Honshu, Japan.
 ISCJB Event type fe. Error ellipse: s-maj=5.8km s-min=3.7km az=56.6.
 MOS Error ellipse: s-maj=8.9km s-min=5.1km az=101.4.
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: $\phi=208.00000^\circ$; $\delta 35.00000^\circ$; $\lambda 90.00000^\circ$; NP2: $\phi=28.00000^\circ$; $\delta 55.00000^\circ$; $\lambda 90.00000^\circ$. Principal axes: T P1g80.0000°; Azm298.0000°; N P1g0.0000°; Azm28.0000°; P P1g10.0000°; Azm18.0000°

IDC Error ellipse: s-maj=16.4km s-min=10.8km az=111.0.
 NEIC Event type fe. Error ellipse: s-maj=6.9km s-min=4.7km az=136.0. Recorded [3 JMA] in Miyagi. [2 JMA] in Iwate and [1 JMA] in Fukushima Prefectures. Moment Tensor Solution. M4.80000x10¹⁵

NIED Moment Tensor Solution. Best double couple: NP1: $\phi=20.00000^\circ$; $\delta 69.00000^\circ$; $\lambda 93.00000^\circ$; NP2: $\phi=192.00000^\circ$; $\delta 21.00000^\circ$; $\lambda 83.00000^\circ$; M4.75000x10¹⁵

(706) Northern Sumatra
 ISC IV 02 08 30 27.8-18 2.48N-03 96.37E-02 27 5.3b,5.2s 505 3-174
 BJI IV 02 08 30 24.8 2.37N 96.40E 28 5.7b,5.5s **18228683**
 ISCJB IV 02 08 30 25.6-18 2.48N-03 96.39E-03 26 5.3b,5.2s
 HRVD IV 02 08 30 27.2-20 2.03N 96.17E 36-0 5.4W,5.0s
 NEIC IV 02 08 30 27.2-14 2.41N 96.39E 27 5.2b,4.9s
 MOS IV 02 08 30 27.1-90 2.58N 96.42E 33 5.5b,5.0s
 IDC IV 02 08 30 29.3-2.2 2.45N 96.39E 44-20 5.1s,5.1
 SZGRF IV 02 08 30 41.1 4.60N 94.95E 33 5.4b,4.9s

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=4.3km s-min=3.6km az=24.6.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s83,c145; Mantle waves: s83,c134; Half duration: 1s2 Moment tensor: Scale 1017Nm; M_{rr}=0.96±0.03; M_{tt}=0.82±0.02; M_{bb}=0.13±0.02; M_{ss}=0.79±0.03; M_{ss}=0.68±0.02; M_{rr}=0.58±0.03; Best double couple: NP1: $\phi=296.00000^\circ$; $\delta 24.00000^\circ$; $\lambda 81.00000^\circ$; NP2: $\phi=125.00000^\circ$; $\delta 86.00000^\circ$; $\lambda 94.00000^\circ$. Principal axes: T 1.3370; P1g69.0000°; Azm43.0000°; N 0.2760; P1g4.0000°; Azm304.0000°; P -1.6130; P1g21.0000°; Azm213.0000°; M1.47500x10¹⁷

NEIC Event type fe. Error ellipse: s-maj=4.8km s-min=3.3km az=205.0. Felt [III] at Sinabang. Felt [II] at Medan, Sumatra.

MOS Error ellipse: s-maj=7.7km s-min=4.1km az=119.3.
 IDC Error ellipse: s-maj=16.9km s-min=10.8km az=56.0.
 SZGRF Off west coast of northern Sumatra, Indonesia.

(590) Western Australia
 ISC IV 02 08 39 42.9-52 22.37S-04 119.08E-04 10 3.6b 36 1-76
 IDC IV 02 08 39 38.8-1.4 22.35S 118.78E 0 4.3,4.1 **19434932**
 ISCJB IV 02 08 39 40.7-52 22.48S-04 119.06E-04 10 3.6b,4.1
 AUST IV 02 08 39 44.6 22.13S 118.66E 14 4.0L,4.1
 NEIC IV 02 08 39 44.0 22.13S 118.66E 14 4.0L,4.1

ISC Event type fe.
 IDC Error ellipse: s-maj=25.9km s-min=22.8km az=141.0.
 ISCJB Event type fe. Error ellipse: s-maj=5.7km s-min=5.1km az=140.0.
 NEIC Event type fe. Felt northeast of Tom Price. After AUST.

(224) Hokkaido region
 ISC IV 02 09 52 48.0-56 43.06N-05 144.21E-05 92-4 3.3b 32 0-69
 NIED IV 02 09 52 45.6-11 44.53N 143.69E 0 3.6,3.5b **19594099**
 IDC IV 02 09 52 47.2-57 43.06N-05 144.21E-05 96-4 3.3b,3.5b
 JMA IV 02 09 52 48.4-10 43.06N 144.18E 89-1 3.4,3.5b

ISC Event type fe.
 IDC Error ellipse: s-maj=285.9km s-min=38.6km az=167.0.
 ISCJB Event type fe. Error ellipse: s-maj=8.0km s-min=5.5km az=138.2.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.

(227) Eastern Honshu
 ISC IV 02 11 46 47.7-30 36.21N-03 139.77E-04 63-2 4.3b 109 0-83
 NIED IV 02 11 46 40 36.30N 139.80E 77 4.3W **110697496**
 MOS IV 02 11 46 41.8-1.4 36.10N 140.01E 33 4.4b
 BJI IV 02 11 46 42.7 36.35N 140.35E 67 5.0b,4.6b
 ISCJB IV 02 11 46 46.6-31 36.20N-03 139.77E-04 70-2 4.2b,4.6b
 IDC IV 02 11 46 47.6-1.3 36.16N 139.73E 64-13 4.2,4.1
 JMA IV 02 11 46 48.0-10 36.23N 139.78E 59-1 4.3,4.1
 NEIC IV 02 11 46 48.3-81 36.19N 139.69E 67-6 4.5b,4.2W

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1: $\phi=167.00000^\circ$; $\delta 79.00000^\circ$; $\lambda 70.00000^\circ$; NP2: $\phi=285.00000^\circ$; $\delta 23.00000^\circ$; $\lambda 150.00000^\circ$; M2.88000x10¹⁵
 Error ellipse: s-maj=12.5km s-min=8.2km az=116.0.
 MOS Event type fe. Error ellipse: s-maj=8.0km s-min=4.4km az=47.4.
 IDC Error ellipse: s-maj=15.2km s-min=9.4km az=77.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: $\phi=257.00000^\circ$; $\delta 18.00000^\circ$; $\lambda 161.00000^\circ$; NP2: $\phi=5.00000^\circ$; $\delta 84.00000^\circ$; $\lambda 73.00000^\circ$. Principal axes: T P1g48.0000°; Azm256.0000°; N P1g17.0000°; Azm6.0000°; P P1g37.0000°; Azm110.0000°

NEIC Event type fe. Error ellipse: s-maj=7.8km s-min=6.1km az=122.0. Recorded [3 JMA] in Ibaraki; [2 JMA] in Chiba, Fukushima, Gumma and Saitama; [1 JMA] in Kanagawa, Tokyo and Yamanshi Prefectures. Moment Tensor Solution. M2.90000x10¹⁵

(377) Spain
 MDD IV 02 12 39 47.2-18 42.58N 8.23W 11-0 3.2
 CSEM IV 02 12 39 46.8-06 42.60N 8.14W 8 3.5L **18197960**
 LDG IV 02 12 39 47.1-13 42.64N 8.26W 10-0 3.4L
 NEIC IV 02 12 39 47.2 42.59N 8.24W 11 3.2
 INMG IV 02 12 39 47.4-1.0 42.58N 8.25W 17-2 3.1L

MDD Event type fe. Error ellipse: s-maj=2.0km s-min=1.7km az=67.0. EMS: III MILLERADA FOLGOSO GRESANDE. PRXIMO III SANGUINEDO AS MACEIRAS-O SISTO II-III EIRA SILLED A IN FROUFE CARBOENTES.

CSEM Event type ke. Error ellipse: s-maj=1.5km s-min=1.0km az=108.0.
 LDG Event type ke. Error ellipse: s-maj=2.7km s-min=1.8km az=112.0.
 NEIC Event type fe. Felt [III] at Espinera, Folgosos, Maceiras, Millera, Sanguinedo, Silleda and Sisto; [II] at Carboentes, Froufe and Lain. After MDD.

INMG Event type ke. Error ellipse: s-maj=2.0km s-min=1.5km az=90.0.

(244) Taiwan
 ISC IV 02 13 41 20.7-71 24.45N-05 121.90E-04 15-6 3.6b 29 0-82
 NIED IV 02 13 41 00 24.80N 121.90E 20 3.9W **18197962**
 ISCJB IV 02 13 41 20.2-1.3 24.41N-05 121.84E-03 27-11 3.7b
 JMA IV 02 13 41 20.7-40 24.84N 121.93E 33 3.9
 NEIC IV 02 13 41 21.5-1.4 24.43N 121.83E 18-9 4.6L,3.9b
 IDC IV 02 13 41 27.9-4.8 24.54N 122.20E 85-48 3.6,3.5L

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1: $\phi=98.00000^\circ$; $\delta 76.00000^\circ$; $\lambda 29.00000^\circ$; NP2: $\phi=1.00000^\circ$; $\delta 62.00000^\circ$; $\lambda 165.00000^\circ$; M8.57000x10¹⁴
 ISCJB Event type fe. Error ellipse: s-maj=8.3km s-min=4.5km az=25.2.
 JMA Error ellipse: s-maj=8.9km s-min=4.0km az=-1.0.
 NEIC Event type fe. Error ellipse: s-maj=17.7km s-min=10.2km az=67.0. Recorded [5 TAP] in I-han, [3 TAP] in Hua-lien, [2 TAP] in T'ao-yuan and [1 TAP] in Nan-tou, T'ai-chung and T'ai-pei Counties.

IDC Error ellipse: s-maj=44.2km s-min=18.0km az=66.0.

(163) Cook Strait
 ISC IV 02 20 42 14.6-40 41.27S-03 174.78E-04 59-3 3.5b 86 0-118
 IDC IV 02 20 42 13.0-3.2 41.15S 174.81E 40-31 3.7,3.6L **18228693**
 ISCJB IV 02 20 42 14.1-45 41.25S-04 174.77E-04 62-3 3.5b,3.6L
 NEIC IV 02 20 42 15.3 41.27S 174.76E 57 4.5L,3.6L
 WEL IV 02 20 42 16.0-05 41.21S 174.78E 53-0 4.4L,3.6L

ISC Event type fe.
 IDC Error ellipse: s-maj=56.7km s-min=24.5km az=140.0.
 ISCJB Event type fe. Error ellipse: s-maj=6.6km s-min=4.3km az=118.3.
 NEIC Event type fe. Felt at Wellington. After WEL.
 WEL Event type fe. Error ellipse: s-maj=0.5km s-min=0.5km az=0.0. Felt between Wellington, Marlborough and Wairarapa, maximum reported intensity MM 5.

(259) Mindanao
 ISC IV 03 02 09 08.4-63 9.96N-03 126.41E-05 53-5 4.5b,4.2s 135 1-146
 MOS IV 03 02 09 04.5-1.3 9.97N 126.34E 33 4.7b,4.2s **18503860**
 MAN IV 03 02 09 05.2 9.96N 126.35E 7 5.2L,4.2b
 BJI IV 03 02 09 05.5 10.00N 126.30E 35 5.0b,4.7b
 NEIC IV 03 02 09 06.5-27 9.95N 126.34E 35 4.6b,4.7b
 IDC IV 03 02 09 07.5-2.5 9.98N 126.36E 46-23 5.4L,4.4
 ISCJB IV 03 02 09 07.1-63 9.96N-03 126.40E-05 58-5 4.5b,4.2s

ISC Event type fe.
 MAN Event type fe. F MAINIT SURIGAO DEL NORTE - INTENSITY I.

NEIC Event type fe. Felt [I PIVS] at Mainit.
 ISCJB Event type fe.
(460) Wyoming
 ISC IV 03 18 06 05.1-51 43.81N-04 105.18W-06 0 3.5b 47 1-90
 ISCJB IV 03 18 06 03.9-55 43.81N-04 105.22W-06 0 3.5b **18854585**
 IDC IV 03 18 06 04.0-1.8 43.70N 105.41W 0 3.7L,3.7
 NEIC IV 03 18 06 05.0-42 43.80N 105.19W 0 3.3L,3.7

ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=6.9km s-min=5.0km az=59.5.
 IDC Error ellipse: s-maj=42.9km s-min=8.2km az=150.0.
 NEIC Event type fm. Error ellipse: s-maj=5.8km s-min=4.5km az=127.0. 60 km [35 miles] SSE of Gillette. Suspected Mining explosion.

(460) Wyoming
 ISC IV 03 20 02 41.2-62 43.75N-05 105.16W-08 0 21 1-20
 ISCJB IV 03 20 02 38.9-82 43.78N-05 105.05W-10 0 **18854586**
 IDC IV 03 20 02 38.1-2.3 43.30N 105.22W 0 3.6,3.4L
 NEIC IV 03 20 02 41.3-45 43.70N 105.18W 0 3.2L,3.4L

ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=10.5km s-min=7.2km az=22.4.
 IDC Error ellipse: s-maj=46.4km s-min=9.2km az=154.0.
 NEIC Event type fm. Error ellipse: s-maj=6.7km s-min=5.3km az=141.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.

(14) Kenai Peninsula
 NEIC IV 03 21 12 01.9 60.06N 150.60W 34 4.0L,3.6L **18228744**

NEIC Event type fe. Felt [III] at Homer. Felt at Eagle River. After AEIC.

(372) Cyprus region
 ISC IV 04 05 24 23.3-22 34.59N-01 32.26E-02 10 3.8b 170 0-80
 ISK IV 04 05 24 20.9 34.32N 32.21E 33 4.0L **18336650**
 HLW IV 04 05 24 21.0 34.97N 32.13E 33 3.5b
 ISCJB IV 04 05 24 21.8-23 34.56N-01 32.23E-02 10 3.8b
 CSEM IV 04 05 24 21.8-08 34.64N 32.12E 15 3.6W
 NIC IV 04 05 24 21.6-20 34.62N 32.06E 16 4.1b,3.7L
 MOS IV 04 05 24 21.8-1.4 34.41N 32.02E 32 4.0b,3.7L
 NSSC IV 04 05 24 23.8 34.75N 32.05E 40 4.0b,3.7L
 NEIC IV 04 05 24 25.9-99 34.55N 32.17E 44-10 4.0b,3.7L
 IDC IV 04 05 24 28.2-3.1 34.89N 32.06E 45-28 3.8,3.7L
 GIL IV 04 05 25 03.9-38 34.41N 32.29E 25-30 3.4W,3.4L

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=2.6km s-min=2.0km az=127.8.
 CSEM Event type ke. Error ellipse: s-maj=2.0km s-min=1.6km az=82.0.
 NIC Event type fe. Felt earthquake; Maximum Intensity 3; Felt I=III MM at Pafos. Moment Tensor Solution. M2.90000x10¹⁴
 MOS Error ellipse: s-maj=21.5km s-min=10.6km az=87.9.
 NSSC Event type fe.
 NEIC Event type se. Error ellipse: s-maj=13.1km s-min=10.6km az=207.0.
 IDC Error ellipse: s-maj=31.0km s-min=16.6km az=158.0.
 GIL Error ellipse: s-maj=1.8km s-min=2.0km az=-1.0.

(243) Taiwan region
 ISC IV 04 06 48 33.0-1.5 22.83N-05 121.31E-03 19-9 4.1b,3.6s 83 1-146
 NIED IV 04 06 48 00 22.90N 121.20E 32 4.2W,3.6s **18197995**
 JMA IV 04 06 48 32.3-50 22.86N 121.18E 43 4.0,3.6s
 ISCJB IV 04 06 48 32.5-1.6 22.80N-05 121.30E-03 30-12 4.1b,3.6s
 MOS IV 04 06 48 32.4-1.2 22.85N 121.39E 33 4.7b,3.6s
 NEIC IV 04 06 48 33.8-4.4 22.90N 121.41E 29 4.7L,4.6b
 BJI IV 04 06 48 34.0 23.08N 121.20E 18 4.5b,4.4L
 IDC IV 04 06 48 36.7-4.5 22.89N 121.49E 58-42 3.9,3.7

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1: $\phi=198.00000^\circ$; $\delta 41.00000^\circ$; NP2: $\phi=85.00000^\circ$; $\delta 54.00000^\circ$; $\lambda 144.00000^\circ$; M2.50000x10¹⁵
 Error ellipse: s-maj=6.7km s-min=5.1km az=-1.0.
 JMA Event type fe. Error ellipse: s-maj=8.1km s-min=4.2km az=153.7.
 MOS Error ellipse: s-maj=18.9km s-min=9.4km az=116.3.
 NEIC Event type fe. Error ellipse: s-maj=8.9km s-min=8.6km az=64.0. Recorded [3 TAP] in T'ai-tung, [2 TAP] in Hua-lien and [1 TAP] in Kao-hsiung and P'ing-tung Counties.
 IDC Error ellipse: s-maj=29.6km s-min=17.2km az=69.0.

(243) Taiwan region
 ISC IV 04 06 59 03.2-1.7 22.81N-05 121.29E-03 15-12 4.0b,3.6s 53 1-146
 NIED IV 04 06 59 00 22.80N 121.40E 23 4.0W,3.6s **18197996**
 JMA IV 04 06 59 01.5-40 22.84N 121.38E 0 3.9,3.6s
 ISCJB IV 04 06 59 01.6-1.4 22.79N-05 121.27E-03 17-11 4.0b,3.6s
 NEIC IV 04 06 59 03.6-93 22.88N 121.33E 21 4.4L,4.4b
 BJI IV 04 06 59 04.4 22.94N 121.19E 25 4.5b,4.2b
 IDC IV 04 06 59 05.8-5.6 22.79N 121.37E 40-52 3.9,3.8

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1: $\phi=151.00000^\circ$; $\delta 79.00000^\circ$; $\lambda 56.00000^\circ$; NP2: $\phi=46.00000^\circ$; $\delta 35.00000^\circ$; $\lambda 161.00000^\circ$; M1.1.50000x10¹⁵
 Error ellipse: s-maj=4.4km s-min=4.1km az=-1.0.
 JMA Event type fe. Error ellipse: s-maj=8.5km s-min=4.4km az=152.9.
 ISCJB Event type fe. Error ellipse: s-maj=17.1km s-min=14.8km az=138.0. Recorded [4 TAP] in T'ai-tung, [2 TAP] in P'ing-tung and [1 TAP] in Hua-lien and Kao-hsiung Counties.
 NEIC Error ellipse: s-maj=37.7km s-min=22.9km az=60.0.

(710) Pakistan
 ISC IV 04 09 12 24.8-14 34.68N-02 73.15E-02 16 4.7b,3.9s 317 1-151
 LDG IV 04 09 12 20.6-15 34.55N 73.03E 10-0 4.8b,3.9s **110697531**
 BJI IV 04 09 12 21.7 34.63N 73.15E 5 4.9b,4.8L
 IDC IV 04 09 12 21.8-52 34.61N 73.12E 0 4.7,4.7L
 ISCJB IV 04 09 12 22.8-14 34.63N-02 73.13E-03 15 4.7b,3.9s
 NEIC IV 04 09 12 23.4-21 34.60N 73.14E 10 4.8b,3.9s
 HRVD IV 04 09 12 23.4-50 34.52N 73.22E 12 4.6W,3.9L
 NDI IV 04 09 12 24.2-4.8 34.56N 72.76E 10-0 4.8b,4.6L
 MOS IV 04 09 12 24.7-1.3 34.61N 73.17E 33 4.9b,4.6L

ISC Event type de.
 LDG Event type ke. Error ellipse: s-maj=10.1km s-min=5.2km az=21.0.
 IDC Error ellipse: s-maj=14.9km s-min=12.8km az=26.0.
 ISCJB Event type de. Error ellipse: s-maj=3.4km s-min=2.2km az=107.7.
 NEIC Event type de. Error ellipse: s-maj=7.0km s-min=4.1km az=214.0. Twenty-eight people injured and several houses damaged or destroyed at Batgram. Felt at Balakot, Islamabad, Kohistan, Mansehra and Peshawar. Also felt at Muzaffarabad, Kashmir.
 HRVD Error ellipse: s-maj=5.6km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s7,c7; Mantle waves: s40,c51; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_{rr}=0.96±0.06; M_{tt}=0.70±0.05; M_{bb}=0.26±0.07; M_{ss}=0.11±0.23; M_{ss}=0.30±0.05; M_{rr}=0.55±0.22; Best double couple: NP1: $\phi=98.00000^\circ$; $\delta 44.00000^\circ$; $\lambda 57.00000^\circ$; NP2: $\phi=320.00000^\circ$; $\delta 54.00000^\circ$; $\lambda 117.00000^\circ$. Principal axes: T 1.1990; P1g67.0000°; Azm287.0000°; N -0.3300; P1g22.0000°; Azm123.0000°; P -0.8700; P1g6.0000°; Azm31.0000°; M1.03400x10¹⁶
 Error ellipse: s-maj=15.2km s-min=15.2km az=-1.0.
 MOS Error ellipse: s-maj=7.4km s-min=4.7km az=114.6.

(600) Near coast of South Australia
 ISC IV 04 10 06 41.7-97 33.35S-07 138.49E-07 10 15 2-14
 ISCJB IV 04 10 06 39.9-97 33.28S-09 138.58E-08 10 **19434974**
 AUST IV 04 10 06 42.8 33.43S 138.75E 10 3.3L
 NEIC IV 04 10 06 42.0 33.43S 138.75E 10 3.3L
 IDC IV 04 10 06 46.5-6.1 32.85S 138.74E 0 3.2,3.1L

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=13.6km s-min=8.2km az=51.2.
 AUST Event type fe. Felt.
 NEIC Event type fe. Felt at Hallett. After AUST.
 IDC Error ellipse: s-maj=68.9km s-min=21.5km az=10.0.

(243) Taiwan region
 ISC IV 04 12 49 26.8-58 22.79N-07 121.23E-04 10 4.1b 52 1-84
 NIED IV 04 12 49 00 22.80N 121.30E 11 3.9W **18228770**
 NEIC IV 04 12 49 24.8-9.3 22.77N 121.34E 1-57 4.4L,4.3b
 ISCJB IV 04 12 49 24.8-58 22.74N-06 121.21E-04 10 4.1b,4.3b
 BJI IV 04 12 49 25.8 22.72N 121.14E 12 4.9b,4.1L
 JMA IV 04 12 49 28.1-30 22.84N 121.25E 26 3.8,4.1L
 MOS IV 04 12 49 29.7-6.2 22.86N 121.24E 33 4.4b,4.1L
 IDC IV 04 12 49 31.8-5.5 22.70N 121.40E 56-53 3.8,3.7L

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1: $\phi=298.00000^\circ$; $\delta 81.00000^\circ$; $\lambda 18.00000^\circ$; NP2: $\phi=31.00000^\circ$; $\delta 72.00000^\circ$; $\lambda 170.00000^\circ$; M8.06000x10¹⁴

NEIC Event type fe. Error ellipse: s-maj=29.6km s-min=15.1km az=46.0. Recorded [4 TAP] in Tai-tung, [2 TAP] in Hua-lien and [1 TAP] in Kao-hsiung and Ping-tung Counties.

ISCJB Event type fe. Error ellipse: s-maj=9.7km s-min=5.1km az=145.4.

JMA Error ellipse: s-maj=3.3km s-min=3.1km az=1.0.

MOS Error ellipse: s-maj=30.3km s-min=17.0km az=105.2.

IDC Error ellipse: s-maj=38.2km s-min=22.9km az=55.0.

(243) Taiwan region

ISC IV 04 19 30 06.3--18 24.60N--02 122.84E--02 103-2 4.7b 346 0-171

SZGRF IV 04 19 29 52.7 23.90N 123.62E 33 4.9b **18282774**

NIED IV 04 19 30 00 24.60N 122.80E 101 4.9W

MOS IV 04 19 30 03.4--88 24.66N 122.79E 90 4.8b

ISCJB IV 04 19 30 05.1--19 24.58N--02 122.84E--02 107-2 4.7b

JMA IV 04 19 30 06.9--10 24.60N 122.80E 93-1 5.2

IDC IV 04 19 30 07.0--61 24.58N 122.87E 113-5 4.8,4.4

BJI IV 04 19 30 06.2 24.58N 122.80E 117 4.8b,4.8b

NEIC IV 04 19 30 07.2--17 24.59N 122.79E 115 4.7b,4.8b

HRVD IV 04 19 30 07.2--40 24.50N 122.67E 91-3 4.9W,4.8b

ISC Event type fe.

SZGRF Southwestern Ryukyu Islands, Japan.

NIED Moment Tensor Solution. Best double couple: NP1:φ=9.00000°,δ59.00000°,λ-142.00000°. NP2:φ=257.00000°,δ58.00000°,λ-37.00000°. M2:5.3000×10¹⁶

MOS Error ellipse: s-maj=9.6km s-min=5.1km az=111.3.

ISCJB Event type fe. Error ellipse: s-maj=3.1km s-min=2.8km az=66.7.

JMA Event type fe. Error ellipse: s-maj=2.2km s-min=1.0km az=-1.0.

IDC Error ellipse: s-maj=11.0km s-min=7.8km az=75.0.

NEIC Event type fe. Error ellipse: s-maj=4.9km s-min=4.0km az=84.0. Recorded [3 TAP] in I-lan; [2 TAP] in Hua-lien, Nan-tou, T'ai-chung and Tai-tung; [1 TAP] in Chang-hua, Hsin-chu and T'ao-yuan Counties. Recorded [2 JMA] on Iriomote-jima and Ishigaki-jima; [1 JMA] on Miyako-jima and Yonaguni-jima, Ryukyu Islands.

HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s22,c24; Mantle waves: s71,c112; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=0.65±14 Mm=0.13±13; Mw=0.77±13; Mw1.47±07; Mw2.41±10; Mw1.42±08; Best double couple: NP1:φ=259.00000°,δ63.00000°,λ-24.00000°. NP2:φ=360.00000°,δ69.00000°,λ-151.00000°. Principal axes: T 2.7850,Plg3.0000°,AzM128.0000°; N 0.7720,Plg55.0000°,AzM33.0000°; P -3.5580,Plg35.0000°,AzM221.0000°; M3,3.1700×10¹⁶

(460) Wyoming

ISC IV 04 20 03 48.8--47 43.83N--03 105.13W--06 0 4.0b 56 1-90

ISCJB IV 04 20 03 47.4--48 43.86N--03 105.16W--06 0 4.0b **18854605**

IDC IV 04 20 03 49.0--2.2 43.83N 105.43W 0 3.9b,3.8

NEIC IV 04 20 03 49.4--43 43.81N 105.18W 1 3.4L,3.8

ISC Event type fm.

ISCJB Event type fm. Error ellipse: s-maj=6.5km s-min=4.5km az=31.5.

IDC Error ellipse: s-maj=63.8km s-min=7.8km az=149.0.

NEIC Event type fm. Error ellipse: s-maj=6.1km s-min=4.5km az=128.0. 60 km [35 miles] SSE of Gillette. Suspected Mining explosion.

(368) Southern Greece

ISC IV 04 22 05 05.4--10 37.62N--01 20.96E--01 21 5.2s,5.1b 1344 1-164

HLW IV 04 22 05 00.5 37.76N 21.47E 2 4.7b,5.1b **18198006**

BJI IV 04 22 05 00.3 37.71N 21.13E 8 5.6s,5.4b

CSEM IV 04 22 05 01.7 37.68N 20.95E 2 4.7b,5.4b

IDC IV 04 22 05 01.9--43 37.72N 20.98E 0 5.0s,5.0

MOS IV 04 22 05 01.8--1.1 37.65N 20.96E 10 5.3b,5.2s

IGIL IV 04 22 05 02.5 37.70N 20.90E 10 4.8s,5.2s

PDG IV 04 22 05 03.0--60 37.58N 20.89E 11-1 4.8s,5.2s

CRAAG IV 04 22 05 02.5 37.66N 20.91E 10 5.5W,5.2s

ATH IV 04 22 05 03.5 37.59N 20.93E 19-1 5.2L,5.2s

ISCJB IV 04 22 05 03.3--11 37.66N--01 20.95E--01 20 5.2s,5.1b

SFS IV 04 22 05 04.0 37.73N 21.07E 7 5.0L,5.1b

THE IV 04 22 05 05.4 37.60N 20.96E 14 5.0L,5.1b

NEIC IV 04 22 05 05.1--86 37.64N 20.96E 17-5 5.3W,5.2L

HRVD IV 04 22 05 05.1--20 37.66N 20.74E 20-0 5.5W,5.2L

SZGRF IV 04 22 05 09.5 37.95N 21.04E 10 4.8b,5.2L

ISC Event type fe.

IDC Error ellipse: s-maj=12.5km s-min=9.3km az=84.0.

MOS Error ellipse: s-maj=3.0km s-min=1.9km az=104.0.

PDG Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.

ATH Error ellipse: s-maj=1.6km s-min=1.6km az=-1.0.

ISCJB Event type fe. Error ellipse: s-maj=1.8km s-min=1.1km az=25.0.

NEIC Event type fe. Error ellipse: s-maj=3.4km s-min=2.1km az=185.0. Felt strongly on Zakynthos. Felt [III] at Patrai. Also felt at Kalamakion. Moment Tensor Solution. s10 Moment tensor: Scale 10¹⁷Nm; Mr=0.0 Mm=0.0 Mw=0.0 Mw0.0 Mw0.0 Mw0.0 Best double couple: NP1: φ=148.00000°,δ69.00000°,λ78.00000°. NP2:φ=358.00000°,δ24.00000°,λ118.00000°. Principal axes: T 1.1300,Plg64.0000°,AzM39.0000°; N 0.0100,Plg11.0000°,AzM152.0000°; P -1.1400,Plg23.0000°,AzM247.0000°. M1, 1.0000×10¹⁷

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s74,c122; Mantle waves: s91,c178; Half duration: 1s4 Moment tensor: Scale 10¹⁷Nm; Mr=1.70±04 Mm=0.07±02; Mw=1.62±03; Mw0.75±05; Mw0.40±02; Mw1.26±06; Best double couple: NP1:φ=357.00000°,δ26.00000°,λ109.00000°. NP2:φ=155.00000°,δ65.00000°,λ81.00000°. Principal axes: T 2.2730,Plg68.0000°,AzM48.0000°; N -0.0410,Plg8.0000°,AzM159.0000°; P -2.2280,Plg20.0000°,AzM252.0000°; M2,2.5000×10¹⁷

SZGRF Southern Greece.

(127) Chile-Argentina border region

ISC IV 05 01 34 20.8--22 32.19S--02 70.36W--05 110-2 4.6b 163 1-175

BJI IV 05 01 34 18.7 31.49S 69.84W 101 4.6b **18282796**

MOS IV 05 01 34 19.8--1.3 32.17S 70.16W 111 4.9b

ISCJB IV 05 01 34 19.8--22 32.19S--02 70.36W--05 115-2 4.6b

NEIC IV 05 01 34 20.4--23 32.20S 70.28W 109-2 4.7b

GUC IV 05 01 34 20.0--1.1 32.19S 70.51W 118-6 4.9L

IDC IV 05 01 34 22.9--73 32.14S 70.11W 130-5 4.6,4.3

ISC Event type fe.

MOS Error ellipse: s-maj=17.7km s-min=8.6km az=90.0.

ISCJB Event type fe. Error ellipse: s-maj=7.1km s-min=3.2km az=166.6.

NEIC Event type fe. Error ellipse: s-maj=6.4km s-min=3.4km az=81.0. Felt [III] at Illapel, La Calera, Petorca, Puchuncavi, Quillota, Salamanca, San Antonio, Santiago, Valparaiso and Vina del Mar, Chile.

GUC Error ellipse: s-maj=2.0km s-min=8.5km az=-1.0.

IDC Error ellipse: s-maj=12.8km s-min=10.9km az=147.0.

(249) Luzon

ISC IV 05 11 25 35.0--56 15.80N--04 119.83E--06 62-6 3.8b 44 0-91

ISCJB IV 05 11 25 33.9--56 15.79N--03 119.82E--06 68-6 3.8b **19507815**

MAN IV 05 11 25 33.6 15.80N 119.77E 43 4.3L,3.9s

IDC IV 05 11 25 38.2--2.3 15.60N 119.86E 102-23 3.9,3.7

NEIC IV 05 11 25 38.2--1.2 15.56N 119.79E 104-13 4.2b,3.7

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=9.7km s-min=5.7km az=166.2.

MAN Event type fe. F BAGUIO CITY - INTENSIFY I.

IDC Error ellipse: s-maj=70.4km s-min=16.8km az=65.0.

NEIC Event type fe. Error ellipse: s-maj=43.0km s-min=10.9km az=64.0. Felt [I PIVS] at Baguio.

(377) Spain

MDD IV 05 17 22 00.2--26 38.16N 1.08W 11-0 3.7

NEIC IV 05 17 21 59.1 38.13N 1.04W 0 3.7 **18228815**

SFS IV 05 17 21 59.0 38.10N 1.00W 0 3.7L

LDG IV 05 17 22 00.8--11 38.13N 1.11W 10-0 3.3L

INMG IV 05 17 22 00.3--1.7 38.17N 1.08W 13-4 3.6L

IGIL IV 05 17 22 00.8 38.30N 1.30W 2 3.2L

CSEM IV 05 17 22 00.5--08 38.20N 1.14W 10 3.9L

MDD Event type fe. Error ellipse: s-maj=2.6km s-min=1.9km az=126.0. EMS: IV BARINAS FORTUNA. PRXIMO III-IV ABANILLA LOS OS III FENAZER LA MATANZA SANTOMERA II-III BENFERRI BENIEL MOLINA DE SEGURA II ALBATERA ALICANTE ARCHENA CARTAGENA II DENIA ELCHE EL ESPINARDO II FUENTE BLANCA MURCIA ORIHUELA II PEDREGUER I CAADA DEL TRIGO ESTACIN DE BLANCA I LA GARAPACHA HONDEN DE LOS FRAILES I LORQU MU, PEA DE LA ZAFRA.

NEIC Event type fe. Felt [IV] at Abanilla, Barinas, Fortuna and Los Banos; [III] at Benferri, Beniel, La Matanza, Molina de Segura and Santomera; [II] at Albatera, Alicante, Archena, Cartagena, Denia, Elche, Espinardo, Fuente Blanca, Murcia, Orihuela and Pedreguer; [I] at Canada del Trigo, Hondon de los Frailes, La Garapacha, Lorqui and Pena de la Zafra. After MDD.

LDG Event type ke. Error ellipse: s-maj=2.7km s-min=1.3km az=147.0.

INMG Event type ke. Error ellipse: s-maj=2.0km s-min=2.2km az=129.0.

CSEM Event type ke. Error ellipse: s-maj=2.1km s-min=1.1km az=131.0.

(228) Near east coast of eastern Honshu

ISC IV 06 06 40 46.6--43 36.31N--03 140.73E--06 89-3 4.0b 53 0-65

MOS IV 06 06 40 43.3--2.0 36.40N 140.95E 72 4.2b **18504021**

ISCJB IV 06 06 40 45.6--43 36.32N--03 140.71E--05 96-3 4.0b

IDC IV 06 06 40 46.1--2.8 36.25N 140.77E 82-26 3.9,3.8

NEIC IV 06 06 40 47.5--1.4 36.24N 140.65E 96-12 4.5,4.0W

JMA IV 06 06 40 47.2 36.30N 140.68E 83-1 4.1,4.0W

NIED IV 06 06 41 00 36.30N 140.70E 80 4.0W,4.0W

ISC Event type fe.

MOS Error ellipse: s-maj=16.5km s-min=13.9km az=117.1.

ISCJB Event type fe. Error ellipse: s-maj=7.3km s-min=5.0km az=15.4.

IDC Error ellipse: s-maj=27.3km s-min=17.2km az=108.0.

NEIC Event type se. Error ellipse: s-maj=19.0km s-min=12.1km az=85.0. Moment Tensor Solution. M1, 10000×10¹⁵

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=194.00000°,δ45.00000°,λ-77.00000°. NP2:φ=356.00000°,δ47.00000°,λ-102.00000°. Principal axes: T Plg1.0000°,AzM95.0000°; N Plg9.0000°,AzM5.0000°; P Plg81.0000°. AzM191.0000°

NIED Moment Tensor Solution. Best double couple: NP1:φ=354.00000°,δ50.00000°,λ-119.00000°. NP2:φ=214.00000°,δ48.00000°,λ-60.00000°. M1, 10000×10¹⁵

(314) Southern India

ISC IV 06 12 02 53.1--81 23.76N--02 70.85E--02 2-5 4.9b,4.5s 430 1-125

ISCJB IV 06 12 02 51.1--81 23.75N--02 70.86E--02 4-5 4.9b,4.5s **110697578**

IDC IV 06 12 02 53.2--47 23.73N 70.72E 0 4.7,4.7

NDI IV 06 12 02 53.4--4.1 23.76N 70.62E 10-0 4.9L,4.9b

HRVD IV 06 12 02 54.6--40 23.68N 70.64E 12 5.0W,4.4W

NEIC IV 06 12 02 54.6--24 23.73N 70.68E 10 4.9b,4.2s

MOS IV 06 12 02 56.2--1.2 23.78N 70.69E 33 5.1b,4.3s

BJI IV 06 12 02 57.0 24.26N 71.14E 5 5.1b,4.9s

SZGRF IV 06 12 03 07.2 24.75N 70.22E 33 5.1b,4.9s

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=3.6km s-min=2.9km az=177.2.

IDC Error ellipse: s-maj=14.2km s-min=11.5km az=40.0.

NDI Error ellipse: s-maj=6.8km s-min=8.8km az=-1.0.

HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s26,c30; Mantle waves: s74,c111; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=1.82±11 Mm=3.50±09; Mw=1.68±12; Mw2.13±31; Mw0.30±09; Mw1.57±35; Best double couple: NP1:φ=245.00000°,δ31.00000°,λ48.00000°. NP2:φ=111.00000°,δ67.00000°,λ112.00000°. Principal axes: T 2.7540,Plg61.0000°,AzM54.0000°; N 1.5320,Plg20.0000°,AzM282.0000°; P -4.2860,Plg20.0000°,AzM185.0000°; M3,5.2000×10¹⁶

NEIC Event type fe. Error ellipse: s-maj=7.0km s-min=5.1km az=213.0. Felt [IV] at Ahmadabad and [III] at Bhuj, Felt at Bhavnagar, Rajkot and Surat.

MOS Error ellipse: s-maj=7.0km s-min=3.8km az=119.8.

SZGRF India-Pakistan border region.

(385) Strait of Gibraltar

MDD IV 06 12 10 02.8--17 36.91N 4.90W 10-0 3.3

CSEM IV 06 12 10 02.2--08 36.89N 4.96W 10 3.7L **18228872**

NEIC IV 06 12 10 02.5 36.90N 4.93W 10 3.3

SFS IV 06 12 10 02.0 36.87N 4.94W 0 3.2L

INMG IV 06 12 10 02.8--1.5 36.87N 4.93W 18-4 3.3L,3.2

LDG IV 06 12 10 03.2--22 36.82N 4.90W 20-0 3.8L,3.2

IGIL IV 06 12 10 03.0 36.90N 4.90W 18 3.6L,3.2

MDD Event type fe. Error ellipse: s-maj=1.9km s-min=1.5km az=-1.0. EMS: II-III ARDALES. PRXIMO II TEBEA I EL BURGO CAETE LA REAL CARRATRACA I CUEVAS DEL BECERRO.

CSEM Event type ke. Error ellipse: s-maj=1.8km s-min=1.2km az=8.0.

INMG Event type fe. Felt [III] at Ardales and [II] at Teba, Spain. After MDD.

LDG Event type ke. Error ellipse: s-maj=3.6km s-min=1.9km az=15.0.

LDG Event type ke. Error ellipse: s-maj=5.5km s-min=3.1km az=5.0.

(228) Near east coast of eastern Honshu

ISC IV 06 13 30 29.6--44 35.75N--03 140.21E--06 68-3 3.9b 84 0-79

NIED IV 06 13 30 00 35.80N 140.20E 59 4.2W **18320117**

MOS IV 06 13 30 27.4--1.1 35.75N 140.28E 67 4.3b

NEIC IV 06 13 30 28.0--43 35.70N 140.23E 51 4.5b,4.1W

ISCJB IV 06 13 30 28.8--44 35.73N--03 140.17E--06 77-3 3.9b,4.1W

JMA IV 06 13 30 29.2--20 35.82N 140.23E 62-2 4.2,4.1W

IDC IV 06 13 30 31.2--1.5 35.68N 140.13E 81-13 3.9,3.7

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=337.00000°,δ68.00000°,λ75.00000°. NP2:φ=194.00000°,δ26.00000°,λ124.00000°. M2, 0.2000×10¹⁵

MOS Error ellipse: s-maj=17.7km s-min=9.9km az=123.8.

NEIC Event type se. Error ellipse: s-maj=11.8km s-min=8.3km az=61.0. Moment Tensor Solution. M2, 0.0000×10¹⁵

ISCJB Event type fe. Error ellipse: s-maj=8.6km s-min=4.9km az=135.2.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=165.00000°,δ13.00000°,λ67.00000°. NP2: φ=8.00000°,δ78.00000°,λ95.00000°. Principal axes: T Plg57.0000°,AzM285.0000°; N Plg5.0000°,AzM187.0000°; P Plg33.0000°,AzM94.0000°

IDC Error ellipse: s-maj=20.8km s-min=7.0km az=68.0.

(328) East of Lake Baykal

BYKL IV 06 15 04 54.7--23 56.37N 116.61E 11-4

MOS IV 06 15 04 53.6--1.4 56.34N 116.65E 10 4.4b **18504053**

BYKL Event type se. FELT I=III-IV MSK at Nelyaty.

MOS Event type fe. Error ellipse: s-maj=16.5km s-min=9.6km az=64.1. Felt (II-III) at Neliati. Moment Tensor Solution.

(314) Southern India

ISC IV 06 17 59 19.3--13 23.35N--02 70.43E--01 24 5.4b,5.2s 767 1-157

SZGRF IV 06 17 59 02.4 21.30N 71.71E 24 5.9b,5.0s **18228881**

CRAAG IV 06 17 59 15.2 23.27N 70.40E 24 5.5W,5.0s

ISCJB IV 06 17 59 16.9--13 23.35N--02 70.44E--02 23 5.4b,5.2s

HRVD IV 06 17 59 16.4--20 23.25N 70.35E 30-0 5.5W,5.2s

NEIC IV 06 17 59 16.4--17 23.32N 70.48E 10 5.5W,5.5b

BJI IV 06 17 59 16.7 23.47N 70.54E 10 5.6s,5.4b

NDI IV 06 17 59 17.7--2.9 23.25N 70.46E 10-0 5.5L,5.5b

MOS IV 06 17 59 18.2--1.1 23.23N 70.35E 33 5.6b,5.1s

IDC IV 06 17 59 19.3--44 23.31N 70.39E 26-2 5.0s,5.0

ISC Event type de.

SZGRF Southern India.

ISCJB Event type de. Error ellipse: s-maj=3.1km s-min=2.0km az=7.5.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s79,c124; Mantle waves: s96,c179; Half duration: 1s4 Moment tensor: Scale 10¹⁷Nm; Mr=0.80±04 Mm=2.51±04; Mw=1.71±04; Mw0.54±07; Mw0.10±03; Mw0.62±08; Best double couple: NP1:φ=238.00000°,δ67.00000°,λ141.00000°. NP2:φ=145.00000°,δ83.00000°,λ157.00000°. Principal axes: T 1.2120,Plg21.0000°,AzM102.0000°; N 0.7330,Plg66.0000°,AzM308.0000°; P -2.8610,Plg10.0000°,AzM194.0000°; M2,4.9400×10¹⁷

NEIC Event type de. Error ellipse: s-maj=5.3km s-min=3.3km az=199.0. Minor damage at Rapar. Felt [V] at Bhuj and Rajkot; [IV] at Ahmadabad; [III] at Surat; [II] at Jamnagar. Felt throughout Gujarat and much of the Rann of Kutch. Also felt at Mumbai. Moment Tensor Solution. s12 Moment tensor: Scale 10¹⁷Nm; Mr=0.32 Mm=1.26 Mw=0.95 Mw0.45 Mw0.09 Mw1.04 Best double couple: NP1:φ=152.00000°,δ83.00000°,λ141.00000°. NP2:φ=247.00000°,δ51.00000°,λ9.00000°. Principal axes: T 1.8000,Plg32.0000°,AzM102.0000°; N 0.1000,Plg50.0000°,AzM323.0000°; P -1.9100,Plg21.0000°,AzM206.0000°; M1, 9.0000×10¹⁷

NDI Error ellipse: s-maj=4.5km s-min=5.3km az=-1.0.

MOS Error ellipse: s-maj=6.4km s-min=3.1km az=125.0.

IDC Error ellipse: s-maj=11.3km s-min=9.6km az=114.0.

(223) Eastern Sea of Japan

ISC IV 06 23 33 32.4--1.5 39.99N--02 138.97E--04 17-9 4.1b 103 1-96

NIED IV 06 23 33 00 40.00N 138.90E 8 4.0W **110697589**

IDC IV 06 23 33 30.4--63 40.00N 138.81E 0 4.2,4.2

JMA IV 06 23 33 32.0--1.0 40.01N 138.91E 24-1 4.5,4.2

ISCJB IV 06 23 33 32.4--85 39.98N--02 138.93E--05 27-6 4.1b,4.2

MOS IV 06 23 33 33.8--99 39.97N 138.75E 33 4.3b,4.2

NEIC IV 06 23 33 35.1--34 40.01N 138.90E 35 4.5b,4.0W

ISC Event type fe. Error ellipse: s-maj=15.5km s-min=7.4km az=141.2.

NIED Moment Tensor Solution. Best double couple: NP1:φ=37.00000°, δ65.00000°, λ101.00000°. NP2:φ=193.00000°, δ27.00000°, λ68.00000°. M:1.08000×10¹⁵

IDC Error ellipse: s-maj=17.9km s-min=17.2km az=49.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=16.00000°, δ30.00000°, λ42.00000°. NP2:φ=249.00000°, δ70.00000°, λ114.00000°. Principal axes: T P1g58.0000°, Azm191.0000°; N P1g22.0000°, Azm60.0000°; P P1g22.0000°, Azm321.0000°

ISCJB Event type fe. Error ellipse: s-maj=6.0km s-min=3.9km az=21.0.

MOS Error ellipse: s-maj=16.5km s-min=7.4km az=95.8.

NEIC Event type fe. Error ellipse: s-maj=11.7km s-min=6.5km az=93.0. Recorded [1 JMA] in Akita Prefecture, Honshu. Moment Tensor Solution. M:1.10000×10¹⁵

(39) Central California

ISC IV 07 01 06 54.8-46 35.66N-03 121.20W-04 10 4.1b,3.9b 76 1-97

BJI IV 07 01 06 52.0 35.70N 121.10W 8 4.9s,4.9s

ISCJB IV 07 01 06 53.8-44 35.66N-03 121.17W-04 10 4.1b,3.9s

NEIC IV 07 01 06 54.0 35.73N 121.09W 9 4.2L,4.0b

IDC IV 07 01 06 54.8-1.3 35.74N 120.85W 0 4.0,3.9b

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=5.5km s-min=3.2km az=90.7.

NEIC Event type fe. Felt [V] at San Simeon; [IV] at Cambria and Paso Robles; [III] at Arroyo Grande, Bradley, Oceano and San Luis Obispo; [II] at Cayucos and Morro Bay. Felt at Lockwood, Los Osos, Pismo Beach, San Miguel and Santa Cruz. After NCEDC.

IDC Error ellipse: s-maj=21.9km s-min=17.1km az=120.0.

(181) Fiji Islands region

ISC IV 07 08 30 44.5-15 16.56S-03 177.00E-03 13-9 6.3s,5.7b 324 8-174

ISCJB IV 07 08 30 40.6-1.3 16.59S-03 176.96E-03 1-8 6.3s,5.8b

IDC IV 07 08 30 41.8-42 16.51S 176.93E 0 6.2,6.2s

CRAAG IV 07 08 30 42.0 16.62S 176.84E 6.4W,6.2s

NEIC IV 07 08 30 44.6-14 16.53S 176.99E 14 7.4,6.4W

IGIL IV 07 08 30 44.1 16.63S 177.00E 2 6.4s,6.4W

HRVD IV 07 08 30 45.9-10 16.51S 177.00E 15-0 6.5W,6.4W

MOS IV 07 08 30 45.9-1.1 16.53S 176.94E 33 6.3s,5.9b

CSEM IV 07 08 30 46.9 17.04S 177.70E 33 6.0b,5.9b

BJI IV 07 08 30 47.7 16.00S 177.33E 44 6.5s,6.5b

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=6.0km s-min=4.2km az=137.7.

IDC Error ellipse: s-maj=15.8km s-min=12.9km az=168.0.

NEIC Event type fe. Error ellipse: s-maj=7.2km s-min=4.3km az=146.0. Felt [IV] at Nadi and [III] at Lautoka. Felt at Lami and Nausori. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M:7.80000×10¹⁸ Moment Tensor Solution. s50 Moment tensor: Scale 10¹⁸Nm; M:0.35 M:0.40 M:0.79 M:0.03 M:0.59 M:0.16 Best double couple: NP1:φ=3.00000°, δ89.00000°; λ167.00000°. NP2:φ=93.00000°, δ77.00000°, λ1.00000°. Principal axes: T 5.09000°, P1g10.0000°, Azm318.0000°; N 0.34000°, P1g77.0000°, Azm179.0000°; P -5.43000°, P1g8.0000°, Azm49.0000°; M:5.30000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=91.00000°, δ85.00000°, λ4.00000°. NP2:φ=1.00000°, δ86.00000°, λ175.00000°. Principal axes: T P1g6.0000°, Azm316.0000°; N P1g0.0000°, Azm0.0000°; P P1g1.0000°, Azm46.0000°

HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s108,c257; Mantle waves: s110,c456; Half duration: 4s2 Moment tensor: Scale 10¹⁸Nm; M:0.21±0.03 M:0.03±0.03; M:0.01±0.03; M:0.05±0.08; M:0.66±21.03; M:0.017±0.09; Best double couple: NP1:φ=359.00000°, δ85.00000°, λ-179.00000°. NP2:φ=269.00000°, δ89.00000°, λ-5.00000°. Principal axes: T 6.1180°, P1g2.0000°, Azm314.0000°; N 0.2340°, P1g85.0000°, Azm72.0000°; P -6.3530°, P1g4.0000°, Azm224.0000° M:6.23500×10¹⁸

MOS Error ellipse: s-maj=8.2km s-min=7.2km az=56.2.

(447) Southern Quebec

ISC IV 07 08 31 40.7-26 47.46N-02 70.55W-02 31-2 3.5b 164 0-149

ISCJB IV 07 08 31 38.7-20 47.48N-02 70.67W-02 25 3.5b

NEIC IV 07 08 31 40.0 47.29N 70.47W 0 4.1,3.7W

OTT IV 07 08 31 41.6-11 47.38N 70.76W 25-0 4.1,3.7W

IDC IV 07 08 31 43.7-3.5 47.50N 70.73W 31-23 3.7,3.7

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=2.9km s-min=1.8km az=128.2.

NEIC Event type fe. Felt in the Charlevoix region. After OTT. Moment Tensor Solution. M:5.10000×10¹⁴

OTT Event type fe. Charlevoix Seismic Zone, Quebec Felt in the Chatevoix region. No damage 8km south from Baie-Saint-Paul, Qc 8km south from Baie-Saint-Paul, Qc.

IDC Error ellipse: s-maj=35.8km s-min=9.5km az=132.0.

(222) East of Kuril Islands

ISC IV 07 15 00 02.5-13 44.84N-02 150.30E-02 71 5.3b 1021 2-152

NIED IV 07 14 59 00 44.80N 150.40E 53 5.3W

SKHL IV 07 14 59 57.9-2.1 45.02N 150.53E 39-2 6.0b,5.7

MOS IV 07 14 59 57.2-94 44.85N 150.25E 36 5.6b,4.8b

BJI IV 07 14 59 59.3 45.08N 150.16E 43 5.3b,5.2s

JMA IV 07 14 59 59.6-30 44.84N 150.36E 30 5.1,5.2b

ISCJB IV 07 15 00 00.4-13 44.69N-03 150.35E-02 69 5.3b,5.2b

NEIC IV 07 15 00 02.1-13 44.88N 150.37E 65 5.5W,5.5b

HRVD IV 07 15 00 02.1-20 44.88N 150.58E 49-0 5.4W,5.5b

IDC IV 07 15 00 03.4-36 44.94N 150.23E 78-3 5.2,4.9

BGS IV 07 15 00 07.7-1.3 45.65N 150.61E 78-0 5.6b,4.9

SZGRF IV 07 15 00 12.9 46.46N 149.40E 82 5.5b,4.9

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=188.00000°, δ73.00000°, λ50.00000°. NP2:φ=79.00000°, δ43.00000°, λ155.00000°. M:8.66000×10¹⁶

MOS Error ellipse: s-maj=6.5km s-min=4.1km az=98.3.

JMA Event type fe. Error ellipse: s-maj=3.3km s-min=3.2km az=-1.0.

ISCJB Event type fe. Error ellipse: s-maj=3.9km s-min=1.8km az=141.1.

NEIC Event type fe. Error ellipse: s-maj=4.2km s-min=2.3km az=172.0. Recorded [1 JMA] in eastern Hokkaido. Moment Tensor Solution. s11 Moment tensor: Scale 10¹⁷Nm; M:0.96 M:0.77 M:0.173 M:0.168 M:0.90 M:0.72 Best double couple: NP1:φ=54.00000°, δ76.00000°, λ127.00000°. NP2:φ=162.00000°, δ39.00000°, λ23.00000°. Principal axes: T 2.55000°, P1g46.0000°, Azm2.0000°; N -0.04000°, P1g36.0000°, Azm224.0000°; P -2.51000°, P1g22.0000°, Azm117.0000°; M:2.50000×10¹⁷

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s70,c125; Mantle waves: s89,c178; Half duration: 1s2 Moment tensor: Scale 10¹⁷Nm; M:0.86±0.03 M:0.61±0.02; M:0.02±0.04; M:0.65±0.02; M:0.94±0.02; M:0.32±0.02; Best double couple: NP1:φ=199.00000°, δ49.00000°, λ38.00000°. NP2:φ=82.00000°, δ62.00000°, λ132.00000°. Principal axes: T 1.3970°, P1g53.0000°, Azm43.0000°; N 0.0310°, P1g36.0000°, Azm239.0000°; P -1.4280°, P1g8.0000°, Azm143.0000° M:1.41200×10¹⁷

IDC Error ellipse: s-maj=10.5km s-min=7.8km az=109.0.

BGS Error ellipse: s-maj=126.9km s-min=444.8km az=-1.0.

SZGRF Kuril Islands, Russia.

(136) Central Chile

GUC IV 07 18 55 58.1-70 35.73S 71.62W 112-3 3.6L,3.5 18645845

NEIC IV 07 18 55 58.1 35.73S 71.62W 112 3.5,3.5

GUC Error ellipse: s-maj=3.0km s-min=7.6km az=-1.0.

NEIC Event type fe. Felt [II] at Talca. After GUC.

(228) Near east coast of eastern Honshu

ISC IV 07 19 14 17.7-72 38.83N-04 141.69E-09 73-5 3.3b 27 0-63

IDC IV 07 19 14 04.8-2.7 39.16N 142.67E 0 3.5,3.3L

ISCJB IV 07 19 14 16.7-74 38.82N-04 141.71E-10 79-5 3.3b,3.3L

JMA IV 07 19 14 18.1 38.84N 141.61E 73-1 3.4,3.3L

ISC Event type fe.

IDC Error ellipse: s-maj=67.9km s-min=34.6km az=60.0.

ISCJB Event type fe. Error ellipse: s-maj=13.1km s-min=5.9km az=35.4.

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=250.00000°, δ24.00000°, λ-11.00000°. NP2:φ=349.00000°, δ86.00000°, λ-114.00000°. Principal axes: T P1g36.0000°, Azm100.0000°; N P1g24.0000°, Azm351.0000°; P P1g44.0000°, Azm236.0000°

(244) Taiwan

ISC IV 08 02 08 28.4-1.2 22.4N-10 121.32E-07 10 3.5b 19 3-71

ISCJB IV 08 02 08 27.0-1.3 22.4N-10 121.31E-07 10 3.5b

JMA IV 08 02 08 28.2-60 22.71N 121.22E 0 3.5b

IDC IV 08 02 08 30.3-1.4 22.95N 121.36E 0 3.6,3.6

NEIC IV 08 02 08 41.5-1.9 23.23N 121.96E 106-18 3.8b,3.6

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=7.8km s-min=6.2km az=-1.0.

JMA Error ellipse: s-maj=39.7km s-min=27.9km az=63.0.

IDC Event type fe. Error ellipse: s-maj=30.2km s-min=16.1km az=222.0. Recorded [3 TAP] in Tai-tung and [1 TAP] in Hua-hsiang and Kao-hsiung Counties.

(572) Lake Tanganyika region

ISC IV 08 02 22 47.1-48 2.54S-03 29.66E-05 10 3.8b,3.6s 32 1-72

ISCJB IV 08 02 22 45.2-46 2.59S-03 29.75E-05 10 3.8b,3.6s

IDC IV 08 02 22 45.9-79 2.61S 29.83E 0 4.4,4.2

NEIC IV 08 02 22 48.2 2.47S 29.59E 3 4.2b,4.2

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=7.5km s-min=4.4km az=133.8.

IDC Error ellipse: s-maj=18.4km s-min=10.1km az=110.0.

NEIC Event type fe. Felt at Kigali. Also felt at Bukavu and Goma, Congo. After GOM.

(108) Off coast of northern Peru

ISC IV 08 02 49 41.2-37 9.18S-07 78.9W-10 58 4.2b,3.5s 48 3-141

ISCJB IV 08 02 49 39.1-37 9.16S-07 78.90W-09 56 4.2b,3.5s

IDC IV 08 02 49 40.6-70 9.23S 78.99W 55-5 4.1,4.0

NEIC IV 08 02 49 40.7-28 9.25S 79.00W 56 4.2b,4.0

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=15.7km s-min=5.2km az=109.8.

IDC Error ellipse: s-maj=25.1km s-min=12.4km az=54.0.

NEIC Event type fe. Error ellipse: s-maj=13.1km s-min=5.2km az=60.0. Felt [IV] at Chimbote.

(115) Near East Coast of Peru

ISC IV 08 03 06 16.1-28 14.29S-05 76.17W-06 41 4.8b,4.2s 161 2-169

ISCJB IV 08 03 06 13.9-29 14.31S-05 76.26W-06 39 4.8b,4.2s

HRVD IV 08 03 06 15.7-70 14.55S 76.36W 35-3 5.0W,4.2s

IDC IV 08 03 06 15.9-59 14.27S 76.10W 41-4 4.5,4.4b

NEIC IV 08 03 06 15.7-21 14.25S 76.12W 39 4.9b,4.4b

BJI IV 08 03 06 15.7 14.30S 76.10W 39 5.3s,5.1s

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=9.9km s-min=5.2km az=95.1.

HRVD Error ellipse: s-maj=4.4km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s19,c24; Mantle waves: s37,c47; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M:2.45±31 M:0.10±20; M:0.14±31; M:0.43±29; M:0.251±14; M:0.116±43; Best double couple: NP1:φ=290.00000°, δ48.00000°, λ47.00000°. NP2:φ=164.00000°, δ57.00000°, λ127.00000°. Principal axes: T 3.1480°, P1g59.0000°, Azm129.0000°; N 0.6480°, P1g30.0000°, Azm322.0000°; P -3.7960°, P1g5.0000°, Azm228.0000° M:3.47200×10¹⁶

IDC Error ellipse: s-maj=19.4km s-min=11.2km az=61.0.

NEIC Event type fe. Error ellipse: s-maj=7.9km s-min=4.3km az=48.0. Felt [IV] at Ica and Pisco.

(228) Near east coast of eastern Honshu

ISC IV 08 05 53 35.1-63 36.65N-03 141.05E-06 45-6 3.9b 55 0-74

NIED IV 08 05 53 00 36.70N 141.00E 50 3.8W

ISCJB IV 08 05 53 33.8-63 36.63N-03 141.09E-06 52-5 3.9b

MOS IV 08 05 53 34.8-1.1 36.72N 141.03E 59 4.2b

IDC IV 08 05 53 35.8-1.9 36.64N 141.06E 49-17 3.9L,3.9

JMA IV 08 05 53 35.6-10 36.65N 140.97E 49-1 4.0,3.9

NEIC IV 08 05 53 38.3-1.4 36.61N 140.84E 71-12 4.0b,3.9

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=227.00000°, δ88.00000°, λ-106.00000°. NP2:φ=131.00000°, δ16.00000°, λ-6.00000°. M:4.94000×10¹⁴

ISCJB Event type fe. Error ellipse: s-maj=8.9km s-min=5.1km az=44.0.

MOS Error ellipse: s-maj=15.0km s-min=13.6km az=90.4.

ISCJB Error ellipse: s-maj=16.9km s-min=12.8km az=123.0.

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=195.00000°, δ14.00000°, λ86.00000°. NP2:φ=19.00000°, δ76.00000°, λ91.00000°. Principal axes: T P1g59.0000°, Azm290.0000°; N P1g1.0000°, Azm199.0000°; P P1g31.0000°, Azm108.0000°

NEIC Event type se. Error ellipse: s-maj=16.6km s-min=10.1km az=83.0.

(274) Southern Sumatara

ISC IV 08 09 56 55.5-17 5.33S-07 103.61E-08 65-17 4.6b 66 9-157

MOS IV 08 09 56 50.6-80 5.12S 103.76E 33 4.8b

ISCJB IV 08 09 56 51.7-2.0 5.30S-07 103.66E-08 48-19 4.7b,3.6s

NEIC IV 08 09 56 52.1-1.4 5.31S 103.60E 67-14 4.6b,3.6s

BJI IV 08 09 56 55.1 5.30S 103.60E 67 5.2b,5.0b

IDC IV 08 09 56 57.2-2.5 5.25S 103.72E 78-20 4.6,4.3

ISC Event type fe.

MOS Error ellipse: s-maj=18.6km s-min=10.6km az=120.0.

ISCJB Event type fe. Error ellipse: s-maj=15.6km s-min=7.3km az=95.8.

NEIC Event type fe. Error ellipse: s-maj=12.1km s-min=5.2km az=224.0. Felt [III] at Krui and Liwa.

IDC Error ellipse: s-maj=22.1km s-min=10.5km az=45.0.

(235) Kyushu

ISC IV 08 12 18 39.6-74 31.89N-04 131.55E-08 50-6 3.4b 21 0-69

ISCJB IV 08 12 18 38.3-75 31.87N-04 131.58E-08 57-5 3.4b

JMA IV 08 12 18 39.9-10 31.93N 131.50E 45-1 3.2

IDC IV 08 12 18 40.1-2.0 31.86N 131.49E 65-14 3.5,3.3

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=11.1km s-min=6.7km az=22.5.

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=340.00000°, δ66.00000°, λ168.00000°. NP2:φ=75.00000°, δ79.00000°, λ25.00000°. Principal axes: T P1g25.0000°, Azm300.0000°; N P1g63.0000°, Azm98.0000°; P P1g9.0000°, Azm206.0000°

IDC Error ellipse: s-maj=29.8km s-min=11.6km az=93.0.

(159) North Island

ISC IV 08 15 41 36.8-44 38.52S-03 176.07E-05 176-3 3.8b 128 0-154

ISCJB IV 08 15 41 36.1-44 38.54S-03 176.06E-06 179-3 3.8b

IDC IV 08 15 41 36.9-58 38.46S 176.15E 168-7 4.0,3.6

NEIC IV 08 15 41 38.1 38.36S 176.04E 158 5.3,3.6

WEL IV 08 15 41 39.2-23 38.36S 176.03E 156-2 5.3L,3.6

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=7.4km s-min=4.9km az=50.3.

IDC Error ellipse: s-maj=29.4km s-min=21.8km az=164.0.

NEIC Event type se. After WEL.

WEL Event type fe. Error ellipse: s-maj=1.6km s-min=1.1km az=90.0. Felt from Bay of Plenty to Wellington, and from Nelson to Hawke's Bay. Maximum reported intensity MM 4.

(460) Wyoming

ISC IV 08 18 06 05.9-47 43.79N-04 105.12W-06 0 4.2b 46 3-61

ISCJB IV 08 18 06 03.4-45 43.74N-03 105.03W-05 0 4.2b

NEIC IV 08 18 06 05.8-39 43.76N 105.13W 0 3.3L

IDC IV 08 18 06 07.2-1.7 43.94N 105.66W 0 4.1b,3.8

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=5.9km s-min=4.3km az=114.5.

NEIC Event type fe. Error ellipse: s-maj=5.3km s-min=4.3km az=80.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.

IDC Error ellipse: s-maj=52.7km s-min=8.4km az=147.0.

(230) Near south coast of eastern Honshu

ISC IV 08 20 38 00.3-48 34.29N-03 139.14E-05 12-3 3.1b 29 0-67

IDC IV 08 20 37 57.8-1.4 34.15N 138.87E 0 3.6,3.3

JMA IV 08 20 37 59.9 34.29N 139.11E 11-1 3.5,3.3

NEIC IV 08 20 37 60.0 34.29N 139.11E 11 3.6,3.3

ISCJB IV 08 20 38 00.2-49 34.29N-03 139.17E-05 11-3 3.1b,3.3

NIED IV 08 20 38 00 34.30N 139.20E 8 3.7W,3.3

ISC Event type fe.

IDC Error ellipse: s-maj=41.8km s-min=17.3km az=71.0.

JMA Event type fe. After JMA.

NEIC Event type fe. Error ellipse: s-maj=6.5km s-min=4.4km az=170.3.

ISCJB Moment Tensor Solution. Best double couple: NP1:φ=174.00000°, δ75.00000°, λ-107.00000°. NP2:φ=43.00000°, δ23.00000°, λ-44.00000°. M:3.46000×10¹⁴

(224) Hokkaido region

ISC IV 08 21 22 36.7-91 42.98N-07 145.44E-07 46-7 3.4b 20 0-70

NIED IV 08 21 22 00 43.00N 145.40E 38 3.5W

IDC IV 08 21 22 32.4-14 43.30N 145.35E 0 3.8,3.6b

ISCJB IV 08 21 22 35.7-91 42.96N-07 145.45E-07 53-6 3.4b,3.6b

JMA IV 08 21 22 37.0-10 42.99N 145.41E 47-1 3.6,3.6b

NEIC IV 08 21 22 37.0 42.99N 145.41E 47 3.6,3.6b

ISC Event type fe.

ISCJB Moment Tensor Solution. Best double couple: NP1:φ=30.00000°, δ61.00000°, λ77.00000°. NP2:φ=235.00000°, δ31.00000°, λ112.00000°. M:2.10000×10¹⁴

IDC Error ellipse: s-maj=364.3km s-min=38.6km az=168.0.
 ISCJB Event type fe. Error ellipse: s-maj=12.0km s-min=7.8km az=120.2.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
 NEIC Event type se. After JMA.
(385) Strait of Gibraltar
 ISC IV 08 23 05 37.9-24 36.80N-02 6.91W-02 49-6 3.2b 385 1-65
 IDC IV 08 23 05 32.2-1.6 36.75N 7.29W 0 4.3L,3.7
 ISCJB IV 08 23 05 36.2-24 36.77N-02 6.91W-02 72-3 3.0b,3.7
 MOS IV 08 23 05 36.1-97 37.02N 6.83W 10 3.7b,3.7
 MDD IV 08 23 05 38.5-35 36.75N 6.95W 55-7 4.2b,3.7
 IGIL IV 08 23 05 39.8 36.90N 6.90W 29 3.7L,3.7
 SFS IV 08 23 05 39.0 36.85N 6.86W 27 3.5L,3.7
 CNFRM IV 08 23 05 39.5 36.80N 6.90W 4 3.5,3.7
 NEIC IV 08 23 05 39.5 36.81N 6.89W 42 4.4,3.7
 CSEM IV 08 23 05 40.2 37.02N 6.63W 40 4.6L,3.7
 LDG IV 08 23 05 40.1-16 36.84N 6.89W 30-0 4.1,3.7L
 INMG IV 08 23 05 40.3-1.6 36.83N 6.88W 31-0 3.4L,3.7L
 ISC Event type fe.
 IDC Error ellipse: s-maj=30.5km s-min=21.3km az=97.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.2km s-min=2.3km az=81.6.
 MOS Error ellipse: s-maj=10.0km s-min=5.6km az=61.7.
 MDD Event type fe. Error ellipse: s-maj=4.0km s-min=2.4km az=42.0. EMS: II ISLA CRISTINA.
 PRXIMO
 NEIC Event type fe. Felt [II] at Isla-Cristina, Spain. After MDD.
 LDG Event type ke. Error ellipse: s-maj=3.4km s-min=1.7km az=24.0.
 INMG Event type ke. Error ellipse: s-maj=3.5km s-min=1.8km az=36.0.
(224) Hokkaido region
 ISC IV 09 00 07 11.3-33 41.64N-02 142.80E-03 55-2 4.8b,3.8s 354 0-157
 NIED IV 09 00 07 00 41.60N 142.80E 41 4.5W,3.8s
 BJI IV 09 00 07 08.1 41.65N 142.80E 48 4.8b,4.7b
 MOS IV 09 00 07 09-92 41.68N 142.70E 51 5.0b,4.7b
 ISCJB IV 09 00 07 10.2-34 41.62N-03 142.79E-03 58-2 4.8b,3.8s
 JMA IV 09 00 07 10.9-10 41.60N 142.84E 51-3 4.6,3.8s
 NEIC IV 09 00 07 10.9 41.60N 142.84E 51 4.7b,4.5W
 IDC IV 09 00 07 12.1-2.1 41.64N 142.71E 60-19 4.7,4.5
 SZGRF IV 09 00 07 18.1 42.68N 142.39E 62 4.7b,4.5
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=320.00000°,δ57.00000°,λ-69.00000°.
 NP2:φ=105.00000°,δ38.00000°,λ-119.00000°. M=6.51000×10¹⁵
 MOS Error ellipse: s-maj=8.3km s-min=4.4km az=105.1.
 ISCJB Event type fe. Error ellipse: s-maj=5.0km s-min=3.3km az=89.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0.
 NEIC Event type fe. Recorded [3 JMA] in south-central Hokkaido and [1 JMA] in much of southern Hokkaido. Also recorded [2 JMA] in Aomori and [1 JMA] in Iwate Prefectures, Honshu. After JMA. Moment Tensor Solution. M=6.50000×10¹⁵
 IDC Error ellipse: s-maj=14.2km s-min=10.4km az=107.0.
 SZGRF Hokkaido, Japan, region.
(221) Kuril Islands
 ISC IV 09 01 07 24.2-68 43.36N-04 147.02E-06 51-5 4.4b 140 1-87
 NIED IV 09 01 07 00 43.30N 147.10E 32 4.3W
 IDC IV 09 01 07 19.4-74 43.70N 146.83E 0 4.3,4.2
 MOS IV 09 01 07 21.0-78 43.20N 147.14E 46 4.5b,4.2
 JMA IV 09 01 07 21.7-30 43.28N 147.11E 40-5 4.7,4.2
 SKHL IV 09 01 07 22.8-10 43.39N 147.23E 39-5 4.9b,4.2
 NEIC IV 09 01 07 23.8-38 43.38N 146.94E 44 4.4b,4.2
 ISCJB IV 09 01 07 23.1-77 43.40N-05 147.01E-07 54-5 4.4b,4.2
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=227.00000°,δ87.00000°,λ175.00000°.
 NP2:φ=317.00000°,δ85.00000°,λ4.00000°. M=2.98000×10¹⁵
 MOS Event type fe. Felt [II] at Yuzhno-Kuril'sk. Moment Tensor Solution.
 SKHL Event type fe. Felt [II] at Yuzhno-Kuril'sk.
 NEIC Event type fe. Felt [III] at Yuzhno-Kuril'sk.
 ISCJB Event type fe.
(159) North Island
 WEL IV 09 07 51 25.6-09 38.06S 176.74E 2 3.6L 19967331
 WEL Event type fe. Error ellipse: s-maj=0.8km s-min=0.8km az=0.0. Felt from Bay of Plenty to Rotorua, maximum reported intensity MM 4.
(460) Wyoming
 ISC IV 09 14 59 45.0-73 43.66N-03 105.47W-09 0 3.2,3.1L 35 2-20
 IDC IV 09 14 59 40.2-2.9 43.26N 105.22W 0 3.2,3.1L 18854645
 ISCJB IV 09 14 59 43.5-74 43.65N-03 105.43W-10 0 3.2,3.1L
 NEIC IV 09 14 59 44.8-87 43.62N 105.43W 0 2.7L,3.1L
 ISC Event type fm.
 IDC Error ellipse: s-maj=64.8km s-min=10.2km az=156.0.
 ISCJB Event type fm. Error ellipse: s-maj=10.0km s-min=4.8km az=179.3.
 NEIC Event type fm. Error ellipse: s-maj=12.0km s-min=7.6km az=76.0. 70 km [45 miles] ENE of Midwest. Suspected Mining explosion.
(76) Off coast of central America
 ISC IV 09 16 27 48.5-17 13.25N-03 89.05W-02 66 4.9b 419 0-162
 NEIC IV 09 16 27 45.8-30 12.98N 88.91W 64 5.3,5.0b 18228988
 HRVD IV 09 16 27 45.8-20 13.11N 89.33W 68-3 5.3W,5.0b
 BJI IV 09 16 27 45.7 13.00N 88.90W 64 5.3s,5.2b
 ISCJB IV 09 16 27 46.5-17 13.23N-03 89.10W-02 64 5.0b,5.2b
 MOS IV 09 16 27 46.3-99 13.39N 88.73W 66 5.1b,4.5b
 CASC IV 09 16 27 48.0-2.5 13.10N 89.18W 51-19 5.4L,5.0b
 IDC IV 09 16 27 48.5-98 13.43N 88.83W 71-7 4.8,4.6
 ISC Event type fe.
 NEIC Event type fe. Error ellipse: s-maj=6.9km s-min=4.1km az=16.0. Felt [V] at San Salvador. Felt at Nueva San Salvador, Rosario de Mora and Santa Ana.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s76,c118; Mantle waves: s86,c140; Half duration: 1.0 Moment tensor: Scale 10¹⁷Nm; M_r-0.10±0.02 M_θ0.01±0.02; M_φ0.08±0.03; M_ψ0.72±0.01; M_η0.07±0.02; M_ξ0.69±0.02; Best double couple: NP1:φ=195.00000°,δ2.00000°,λ-29.00000°. NP2:φ=314.00000°,δ89.00000°,λ-92.00000°. Principal axes: T 0.9390,Plg44.0000°,AzM46.0000°; N 0.1200,Plg2.0000°,AzM314.0000°; P -1.0590,Plg46.0000°,AzM222.0000°; M=0.99900×10¹⁷
 ISCJB Event type fe. Error ellipse: s-maj=4.4km s-min=1.8km az=66.6.
 MOS Error ellipse: s-maj=9.1km s-min=5.3km az=109.8.
 CASC Error ellipse: s-maj=9.9km s-min=6.4km az=-1.0.
 IDC Error ellipse: s-maj=11.1km s-min=7.0km az=55.0.
(460) Wyoming
 ISC IV 09 18 02 06.7-66 43.81N-04 105.53W-06 0 3.6,3.4 48 2-19
 IDC IV 09 18 02 04.7-1.6 43.77N 105.49W 0 3.6,3.4 18854646
 NEIC IV 09 18 02 04.9-57 43.79N 105.21W 0 3.4L,3.4
 ISCJB IV 09 18 02 05.6-70 43.81N-04 105.60W-07 0 3.4L,3.4
 ISC Event type fm.
 NEIC Event type fm. 60 km [35 miles] SSE of Gillette. Suspected Mining explosion.
 ISCJB Event type fm.
(234) Northwest of Ryukyu Islands
 ISC IV 09 18 28 13.5-38 29.42N-03 128.83E-03 49-3 4.7s,4.7b 185 1-138
 NIED IV 09 18 28 00 29.40N 128.50E 5 5.0W,4.7b 110697643
 IDC IV 09 18 28 07.0-43 29.43N 128.75E 0 4.5,4.4
 JMA IV 09 18 28 07.1-30 29.42N 128.55E 18 4.9,4.4
 MOS IV 09 18 28 10.4-11 29.41N 128.75E 33 5.1b,5.0b
 ISCJB IV 09 18 28 11.0-40 29.37N-02 128.77E-03 41-4 4.7s,4.7b
 BJI IV 09 18 28 12.3 29.33N 128.65E 49 5.0s,5.0b
 HRVD IV 09 18 28 13.5-20 29.36N 128.61E 12 5.0W,5.0b
 NEIC IV 09 18 28 13.5-70 29.40N 128.73E 48-6 5.0W,5.0b
 SZGRF IV 09 18 28 15.4 29.98N 128.90E 33 5.1s,5.0b
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=76.00000°,δ69.00000°,λ-86.00000°.
 NP2:φ=245.00000°,δ21.00000°,λ-100.00000°. M=4.11000×10¹⁶
 IDC Error ellipse: s-maj=16.2km s-min=10.3km az=81.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=2.9km az=-1.0.
 MOS Error ellipse: s-maj=9.6km s-min=5.7km az=104.5.
 ISCJB Event type fe. Error ellipse: s-maj=4.2km s-min=3.9km az=95.9.
 HRVD Error ellipse: s-maj=3.3km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s24,c29; Mantle waves: s71,c125; Half duration: 0 Moment tensor: Scale 10¹⁶Nm; M_r-3.49±0.09 M_θ3.23±0.07; M_φ0.26±0.09; M_ψ0.33±0.29; M_η0.95±0.07; M_ξ0.46±0.42;

Best double couple: NP1:φ=245.00000°,δ44.00000°,λ-102.00000°. NP2:φ=82.00000°,δ47.00000°,λ-78.00000°. Principal axes: T 3.5160,Plg2.0000°,AzM164.0000°; N 0.0620,Plg9.0000°,AzM254.0000°; P -3.5760,Plg81.0000°,AzM64.0000°; M=3.54600×10¹⁶
 NEIC Event type fe. Error ellipse: s-maj=6.4km s-min=5.4km az=124.0. Recorded [1 JMA] on Amami-oshima. Moment Tensor Solution. M=4.10000×10¹⁶
 SZGRF Northwest of Ryukyu Islands, Japan.
(224) Hokkaido region
 ISC IV 09 19 20 42.8-71 41.76N-04 143.67E-07 38-6 4.0b,3.7s 71 0-73
 NIED IV 09 19 20 00 41.80N 143.70E 32 4.2W,3.7s 18504226
 MOS IV 09 19 20 40.0-98 41.73N 143.65E 33 4.3b,3.7s
 ISCJB IV 09 19 20 41.2-73 41.70N-04 143.70E-07 44-5 4.0b,3.7s
 NEIC IV 09 19 20 41.8-3.5 41.80N 143.64E 29-25 4.4b,3.7s
 JMA IV 09 19 20 42.4-10 41.78N 143.68E 28-2 4.1,3.7s
 IDC IV 09 19 20 43.0-3.3 41.77N 143.59E 40-29 3.7,3.7
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=20.00000°,δ74.00000°,λ85.00000°.
 NP2:φ=219.00000°,δ17.00000°,λ108.00000°. M=2.15000×10¹⁵
 MOS Error ellipse: s-maj=13.3km s-min=9.6km az=91.4.
 ISCJB Event type fe. Error ellipse: s-maj=9.7km s-min=5.2km az=69.6.
 NEIC Event type fe. Error ellipse: s-maj=10.6km s-min=9.5km az=152.0. Recorded [1 JMA] in south-central Hokkaido.
 JMA Event type fe. Error ellipse: s-maj=2.2km s-min=0.8km az=-1.0.
 IDC Error ellipse: s-maj=20.4km s-min=16.6km az=108.0.
(122) Near coast of northern Chile
 ISC IV 09 20 50 46.3-13 20.47S-02 70.23W-03 36 5.5b,5.3s 515 2-179
 BGS IV 09 20 50 39.0 20.15S 73.24W 33 5.9b,5.3s 18228992
 ISCJB IV 09 20 50 44.3-14 20.45S-02 70.31W-03 34 5.5b,5.3s
 CRAAG IV 09 20 50 45.8 20.30S 70.29W 35 5.6b,5.3s
 GUC IV 09 20 50 45.0-1.3 20.79S 70.77W 35-0 5.5L,5.3s
 BJI IV 09 20 50 45.0 19.54S 71.09W 28 5.8s,5.7b
 MOS IV 09 20 50 45.3-1.0 20.20S 70.23W 33 5.6s,5.4s
 HRVD IV 09 20 50 46.0-10 20.46S 70.73W 39-0 5.7W,5.5b
 NEIC IV 09 20 50 46.0-12 20.45S 70.24W 35 5.8W,5.5b
 IDC IV 09 20 50 48.0-1.5 20.41S 70.20W 53-13 5.3s,5.3
 LDG IV 09 20 50 51.2-43 19.70S 69.92W 65-0 5.4b,5.3s
 SZGRF IV 09 20 51 01.2 18.24S 69.97W 33 5.4s,5.3b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=4.9km s-min=3.1km az=123.1.
 GUC Error ellipse: s-maj=9.5km s-min=11.6km az=-1.0.
 MOS Error ellipse: s-maj=8.5km s-min=5.5km az=89.3.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s88,c166; Mantle waves: s96,c241; Half duration: 1.8 Moment tensor: Scale 10¹⁷Nm; M_r-1.18±0.07 M_θ-1.70±0.05; M_φ-2.48±0.06; M_ψ-1.05±0.05; M_η-2.28±0.04; M_ξ-2.41±0.07; Best double couple: NP1:φ=49.00000°,δ30.00000°,λ106.00000°. NP2:φ=211.00000°,δ61.00000°,λ81.00000°. Principal axes: T 4.9750,Plg73.0000°,AzM100.0000°; N 0.1200,Plg8.0000°,AzM216.0000°; P -5.0950,Plg15.0000°,AzM308.0000°; M=5.03500×10¹⁷
 NEIC Event type fe. Error ellipse: s-maj=4.7km s-min=3.0km az=53.0. Felt [V] at Iquique; [IV] at Huara, Pica, Playa Blanca, Pozo Almonte and San Marco; [III] at Pisagua and Tocopilla; [II] at Arica. Moment Tensor Solution. s11 Moment tensor: Scale 10¹⁷Nm; M_r-5.04 M_θ-3.66 M_φ-1.38 M_ψ-1.64 M_η-2.27 M_ξ-1.48 Best double couple: NP1:φ=234.00000°,δ57.00000°,λ85.00000°. NP2:φ=63.00000°,δ34.00000°,λ97.00000°. Principal axes: T 5.5200,Plg78.0000°,AzM129.0000°; N -0.0100,Plg4.0000°,AzM237.0000°; P -5.5000,Plg12.0000°,AzM327.0000°; M=5.50000×10¹⁷
 IDC Error ellipse: s-maj=11.6km s-min=7.3km az=76.0.
 LDG Event type ke. Error ellipse: s-maj=26.9km s-min=6.2km az=41.0.
 SZGRF Northern Chile.
(224) Hokkaido region
 JMA IV 09 23 32 01.3-10 42.15N 143.35E 40-1 3.6
 NIED IV 09 23 32 00 42.20N 143.40E 53 3.8W 19260863
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
 JMA Moment Tensor Solution. Best double couple: NP1:φ=29.00000°,δ66.00000°,λ99.00000°.
 NIED NP2:φ=188.00000°,δ25.00000°,λ71.00000°. M=5.44000×10¹⁴
(228) Near east coast of eastern Honshu
 ISC IV 10 00 21 24.6-20 37.51N-03 141.21E-03 81 4.6b 225 0-157
 NIED IV 10 00 21 00 37.50N 141.30E 80 4.6W 110697648
 BJI IV 10 00 21 21.3 37.60N 141.18E 72 4.8b,4.8b
 ISCJB IV 10 00 21 22.6-20 37.44N-03 141.25E-03 79 4.6b,4.8b
 IDC IV 10 00 21 23.8-38 37.42N 141.11E 79-3 4.6,4.4
 MOS IV 10 00 21 24.1-83 37.87N 141.06E 75 4.8b,4.4
 HRVD IV 10 00 21 24.4-1.0 37.77N 141.11E 105-7 4.8W,4.4
 NEIC IV 10 00 21 24.4-20 37.49N 141.17E 80 4.7b,4.6W
 JMA IV 10 00 21 24.3 37.50N 141.28E 80-1 4.7,4.6W
 SZGRF IV 10 00 21 25.2 37.02N 140.42E 75 4.8b,4.6W
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=227.00000°,δ58.00000°,λ-98.00000°.
 NP2:φ=62.00000°,δ32.00000°,λ-77.00000°. M=9.98000×10¹⁵
 ISCJB Event type fe. Error ellipse: s-maj=3.9km s-min=3.5km az=106.4.
 IDC Error ellipse: s-maj=11.8km s-min=7.9km az=104.0.
 MOS Error ellipse: s-maj=8.5km s-min=5.9km az=98.6.
 HRVD Error ellipse: s-maj=7.8km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s6,c6; Mantle waves: s28,c35; Half duration: 0 Moment tensor: Scale 10¹⁶Nm; M_r-1.34±1.3 M_θ1.43±1.7; M_φ0.09±1.6; M_ψ0.09±1.2; M_η1.28±1.4; M_ξ0.49±0.9; Best double couple: NP1:φ=86.00000°,δ46.00000°,λ-51.00000°. NP2:φ=217.00000°,δ56.00000°,λ-123.00000°. Principal axes: T 2.1880,Plg5.0000°,AzM330.0000°; N -0.6290,Plg27.0000°,AzM237.0000°; P -1.5620,Plg3.0000°,AzM70.0000°; M=1.87500×10¹⁶
 NEIC Event type fe. Error ellipse: s-maj=6.1km s-min=4.2km az=154.0. Felt in the Kanto and Tohoku regions. Recorded [3 JMA] in Fukushima; [2 JMA] in Ibaraki, Miyagi, Tochigi and Yamagata; [1 JMA] in Chiba, Gumma, Iwate, Saitama and Tokyo Prefectures. Moment Tensor Solution. M=1.00000×10¹⁶
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves: NP1:φ=34.00000°,δ30.00000°,λ-94.00000°. NP2:φ=219.00000°,δ60.00000°,λ-88.00000°. Principal axes: T Plg15.0000°,AzM307.0000°; N Plg2.0000°,AzM38.0000°; P Plg75.0000°,AzM135.0000°
 SZGRF Eastern Honshu, Japan.
(274) Southern Sumatra
 ISC IV 10 02 36 43.5-22 0.62S-04 99.98E-04 82 5.0b 231 0-145
 MOS IV 10 02 36 36.3-94 0.52S 100.00E 33 5.3b 18320258
 SZGRF IV 10 02 36 37.0 0.30S 100.62E 90 4.9b
 BJI IV 10 02 36 40.4 0.93S 100.07E 96 5.2b,5.1b
 ISCJB IV 10 02 36 41.3-23 0.61S-04 99.98E-04 80 5.0b,5.1b
 NEIC IV 10 02 36 42.8-19 0.63S 100.01E 77 5.1b,5.1b
 IDC IV 10 02 36 42.5-38 0.67S 100.01E 75-3 4.9,4.7
 HRVD IV 10 02 36 42.8-40 0.62S 99.62E 86-5 4.9W,4.7
 ISC Event type fe.
 MOS Error ellipse: s-maj=10.7km s-min=6.0km az=111.0.
 SZGRF Southern Sumatra, Indonesia.
 ISCJB Event type fe. Error ellipse: s-maj=6.6km s-min=4.2km az=93.1.
 NEIC Event type fe. Error ellipse: s-maj=6.7km s-min=4.3km az=224.0. Felt [III] at Padang.
 IDC Error ellipse: s-maj=11.9km s-min=9.3km az=45.0.
 HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s19,c23; Mantle waves: s61,c75; Half duration: 0 Moment tensor: Scale 10¹⁶Nm; M_r-0.85±1.8 M_θ0.76±1.6; M_φ-1.61±1.8; M_ψ1.20±1.8; M_η-1.47±1.5; M_ξ-1.89±1.0; Best double couple: NP1:φ=62.00000°,δ42.00000°,λ163.00000°. NP2:φ=165.00000°,δ78.00000°,λ49.00000°. Principal axes: T 3.1920,Plg42.0000°,AzM37.0000°; N -0.3770,Plg40.0000°,AzM175.0000°; P -2.8130,Plg22.0000°,AzM285.0000°; M=3.00200×10¹⁶
(101) Venezuela
 ISC IV 10 04 06 09.1-40 7.45N-03 71.49W-02 42-3 4.8b,4.2s 356 1-152
 MOS IV 10 04 06 05.5-81 7.57N 71.49W 33 5.0b,3.9s 110697650
 ISCJB IV 10 04 06 08.8-47 7.48N-03 71.49W-02 38-3 4.8b,4.2s
 BJI IV 10 04 06 07.2 7.40N 71.60W 13 5.4b,4.9s
 FUNV IV 10 04 06 07.2 7.38N 71.63W 13 4.8W,4.9s
 NEIC IV 10 04 06 07.2 7.38N 71.63W 13 4.9b,3.9s
 IDC IV 10 04 06 08.6-72 7.36N 71.70W 44-6 4.5,4.4
 SZGRF IV 10 04 06 09.6 8.24N 71.72W 33 4.7b,4.4

MOS Event type fe. Error ellipse: s-maj=6.3km s-min=3.5km az=91.4. Felt (III-IV) at Klyuchi. Moment Tensor Solution.

ISCJB Event type fe. Error ellipse: s-maj=3.1km s-min=1.7km az=134.8.

HRVD Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s12,c221; Mantle waves: s112,c408; Half duration: 2s6 Moment tensor: Scale 1018Nm; M₁₁:0.01±0.1 M₂₂:0.63±0.1; M₃₃:0.11±0.2; M₁₂:1.27±0.1; M₁₃:0.25±0.2; Best double couple: NP1:φ=283.00000°,λ174.00000°. NP2:φ=14.00000°,λ84.00000°. Principal axes: T 1.4730,Plg11.0000°,AzM238.0000°. N -0.0590,Plg79.0000°,AzM49.0000°. P -1.4150,Plg2.0000°,AzM148.0000°. M₁:1.44400°x1018

SZGRF Komandorsky Islands, Russia, region.

NEIC Event type fe. Error ellipse: s-maj=6.1km s-min=3.6km az=178.0. Felt [IV] at Klyuchi. Moment Tensor Solution. s31 Moment tensor: Scale 1018Nm; M₁₁:0.00 M₂₂:0.00 M₃₃:0.00 M₁₂:0.00 M₁₃:0.00 M₂₃:0.00 Best double couple: NP1:φ=286.00000°,λ88.00000°. NP2:φ=17.00000°,λ78.00000°. Principal axes: T 0.9900,Plg10.0000°. AzM241.0000°. N 0.1100,Plg78.0000°,AzM95.0000°. P -1.1000,Plg7.0000°,AzM332.0000°. M₁:1.0000°x1018

(243) Taiwan region

ISC IV 12 01 42 13.9-79 22.66N-05 121.36E-03 39-7 3.9b 53 2-84

ISCJB IV 12 01 42 14.0-88 22.59N-05 121.39E-04 39-8 4.2s,3.9b 118320355

BJI IV 12 01 42 14.1 22.65N 121.31E 48 4.9b,4.4s

IDC IV 12 01 42 14.9-4.2 22.55N 121.31E 41-39 3.9L,3.8

NEIC IV 12 01 42 14.9 22.71N 121.28E 40 4.2b,3.8

JMA IV 12 01 42 16.6-30 22.71N 121.51E 77 4.0,3.8

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=7.8km s-min=5.7km az=3.0.

IDC Error ellipse: s-maj=25.7km s-min=16.6km az=69.0.

NEIC Event type fe. Recorded [3 TAP] in T'ai-tung and [1 TAP] in Hua-lien, Kao-hsiung and P'ing-tung Counties. After TAP.

JMA Error ellipse: s-maj=3.3km s-min=3.1km az=-1.0.

(248) Philippine Islands region

ISC IV 12 05 36 51.8-14 19.99N-02 121.45E-02 37 4.9b,4.4s 349 2-175

NIED IV 12 05 36 00 20.10N 121.90E 8 4.7W,4.4s 110697696

MAN IV 12 05 36 47.9 20.19N 121.27E 65 6.7s,5.1L

MOS IV 12 05 36 49.8-85 19.92N 121.49E 38 5.2b,4.6s

BJI IV 12 05 36 49.5 20.08N 121.23E 16 5.0b,4.8b

ISCJB IV 12 05 36 49.7-14 19.99N-02 121.46E-02 35 4.9b,4.4s

JMA IV 12 05 36 50.0-40 20.12N 121.87E 0 5.5,4.4s

IDC IV 12 05 36 51.5-1.6 19.93N 121.38E 36-12 4.8,4.7

HRVD IV 12 05 36 51.3-30 19.99N 121.15E 29-1 5.1W,4.7

NEIC IV 12 05 36 51.4-15 19.93N 121.44E 37 5.0b,4.7

SZGRF IV 12 05 36 58.0 20.05N 122.04E 33 4.8b,4.7

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=183.00000°,λ99.00000°. NP2:φ=346.00000°,λ33.00000°. M₁:1.37000°x1016

MAN Event type fe. F BASCO BATANES - INTENSITY III.

MOS Error ellipse: s-maj=9.7km s-min=5.1km az=108.1.

ISCJB Event type fe. Error ellipse: s-maj=3.3km s-min=2.0km az=34.3.

JMA Error ellipse: s-maj=4.4km s-min=7.3km az=-1.0.

IDC Error ellipse: s-maj=15.5km s-min=9.0km az=79.0.

HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s35,c46; Mantle waves: s59,c82; Half duration: 0 Moment tensor: Scale 1016 Nm; M₁₁:3.71±21 M₂₂:0.49±13; M₃₃:4.20±16; M₁₂:1.48±20; M₁₃:0.48±09; M₂₃:2.84±23; Best double couple: NP1:φ=350.00000°,λ28.00000°. NP2:φ=200.00000°,λ85.00000°. Principal axes: T 4.9840,Plg67.0000°,AzM135.0000°. N 0.2780,Plg12.0000°,AzM14.0000°. P -5.2640,Plg19.0000°,AzM280.0000°. M₁:5.12400°x1016

NEIC Event type fe. Error ellipse: s-maj=5.1km s-min=3.6km az=86.0. Felt [III PIVS] at Basco.

SZGRF Philippine Islands region.

(97) Near coast of Venezuela

ISC IV 12 10 31 05.9-29 10.81N-03 62.21W-02 72-3 3.6b 80 0-80

ISCJB IV 12 10 31 04.8-29 10.81N-03 62.21W-03 80-3 3.6b 119435169

FUNV IV 12 10 31 05.9 10.89N 62.08W 61 4.0W

NEIC IV 12 10 31 05.9 10.89N 62.08W 61 4.0W,3.6

IDC IV 12 10 31 06.4-2.0 11.06N 62.44W 77-16 3.8,3.7

TRN IV 12 10 31 07.1 10.88N 62.12W 63 3.6,3.7

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=5.1km s-min=3.2km az=91.5.

NEIC Event type fe. Felt at Port-of-Spain, Trinidad. After CAR.

IDC Error ellipse: s-maj=22.8km s-min=12.1km az=130.0.

TRN Event type fe. Felt [II] in Diego Martin, Maraval and inPort of Spain.

(136) Central Chile

GUC IV 12 13 20 37.4-72 35.55S 71.58W 101-3 3.7,3.7L

NEIC IV 12 13 20 37.4 35.55S 71.58W 101 3.7,3.7L 118645938

GUC Error ellipse: s-maj=4.4km s-min=13.2km az=-1.0.

NEIC Event type fe. Felt [II] at Talca. After GUC.

(227) Eastern Honshu

ISC IV 12 16 20 32.9-41 37.60N-04 140.70E-06 119-2 3.7b 54 0-82

NIED IV 12 16 20 00 37.60N 140.70E 113 3.7W 118645939

IDC IV 12 16 20 31.6-69 37.61N 140.78E 105-6 3.8,3.6

ISCJB IV 12 16 20 31.9-42 37.60N-04 140.70E-06 123-2 3.7b,3.6

MOS IV 12 16 20 31.7-93 37.66N 140.70E 123 4.0b,3.6

NEIC IV 12 16 20 32.3-57 37.66N 140.73E 107 3.9,3.6

JMA IV 12 16 20 33.5-10 37.60N 140.69E 114-1 3.9,3.6

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=110.00000°,λ-110.00000°. NP2:φ=332.00000°,λ-53.00000°. M₁:14.0000°x1014

IDC Error ellipse: s-maj=13.3km s-min=8.6km az=117.0.

ISCJB Event type fe. Error ellipse: s-maj=9.0km s-min=4.9km az=71.2.

MOS Error ellipse: s-maj=17.4km s-min=10.8km az=74.1.

NEIC Event type se. Error ellipse: s-maj=15.1km s-min=7.8km az=126.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=351.00000°,λ-61.00000°. NP2:φ=136.00000°,λ56.00000°. Principal axes: T Plg9.0000°,AzM241.0000°. N Plg18.0000°,AzM148.0000°. P Plg70.0000°,AzM358.0000°

(399) Ionian Sea

ISC IV 12 16 52 02.2-10 37.61N-01 20.97E-01 21 5.4s,5.4b 1470 1-164

IGIL IV 12 16 51 58.3 37.70N 20.90E 10 5.1s,4.5b 110697708

BJI IV 12 16 51 58.2 37.82N 20.84E 19 5.7s,5.5b

HLW IV 12 16 51 58.4 37.94N 21.40E 33 5.8b,5.5b

CSEM IV 12 16 51 59.8 37.71N 20.93E 10 5.6L,5.5b

IDC IV 12 16 51 59.2-38 37.73N 21.02E 0 5.3,5.2s

CRAAG IV 12 16 51 59.8 37.70N 20.93E 0 5.6W,5.2s

ISCJB IV 12 16 52 00.4-10 37.64N-01 20.95E-01 19 5.4s,5.4b

SFS IV 12 16 52 00.0 37.60N 21.00E 11 5.7L,5.4b

MOS IV 12 16 52 00.8-1.1 37.68N 20.87E 20 5.6b,5.3s

ATH IV 12 16 52 01.1 37.60N 20.95E 19-1 5.4L,5.3s

NEIC IV 12 16 52 01.2 37.61N 20.95E 19 5.6W,5.4L

HRVD IV 12 16 52 01.2-10 37.63N 20.74E 21-0 5.7W,5.4L

PRU IV 12 16 52 02.9 37.86N 20.58E 0 5.2,5.4L

PDG IV 12 16 52 02.8-69 37.71N 20.87E 24-4 5.2,5.4L

SZGRF IV 12 16 52 03.7 37.69N 20.83E 10 5.0b,5.4L

THE IV 12 16 52 04.5 37.64N 20.98E 21 5.0L,5.4L

BGS IV 12 16 52 06.1 37.87N 20.64E 20 5.6b,5.4L

ISC Event type fe.

IDC Error ellipse: s-maj=10.8km s-min=9.8km az=85.0.

ISCJB Event type fe. Error ellipse: s-maj=1.7km s-min=1.1km az=31.1.

MOS Error ellipse: s-maj=2.9km s-min=1.8km az=106.4.

ATH Error ellipse: s-maj=1.3km s-min=1.3km az=-1.0.

NEIC Event type fe. Felt [V] on Zakynthos and [III] at Patrai. Felt at Argostolou, Kalamata, Bokhali, Poros, Preveza and Rion. After ATH. Moment Tensor Solution. s19 Moment tensor: Scale 1017Nm; M₁₁:1.70 M₂₂:0.74 M₃₃:2.44 M₁₂:0.16 M₁₃:1.38 Best double couple: NP1:φ=157.00000°,λ66.00000°. NP2:φ=22.00000°,λ130.00000°. Principal axes: T 2.4300,Plg62.0000°,AzM31.0000°. N 0.4700,Plg20.0000°,AzM167.0000°. P -2.9000,Plg18.0000°,AzM263.0000°. M₂:7.0000°x1017

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s88,c175; Mantle waves: s92,c232; Half duration: 1s6 Moment tensor: Scale 1017Nm; M₁₁:2.57±0.5 M₂₂:0.07±0.3; M₃₃:2.65±0.4; M₁₂:1.59±0.7; M₁₃:2.26±0.8; Best double couple: NP1:φ=1.00000°,λ25.00000°. NP2:φ=151.00000°

,λ68.00000°,λ78.00000°. Principal axes: T 3.8390,Plg65.0000°,AzM40.0000°. N 0.0590,Plg11.0000°,AzM155.0000°. P -3.9060,Plg22.0000°,AzM250.0000°. M₃:8.7300°x1017

PDG Error ellipse: s-maj=1.9km s-min=0.8km az=-1.0.

SZGRF Ionian Sea.

(460) Wyoming

ISC IV 12 20 03 48.8-81 43.77N-04 105.2W-10 0 21 2-20

ISCJB IV 12 20 03 47.0-89 43.81N-05 105.1W-10 0 118854685

IDC IV 12 20 03 47.6-22 43.80N 105.50W 0 3.3,3.1L

NEIC IV 12 20 03 48.6-94 43.71N 105.20W 0 3.1L,3.1L

ISC Event type fm.

ISCJB Event type fm. Error ellipse: s-maj=11.9km s-min=6.5km az=158.5.

IDC Error ellipse: s-maj=53.0km s-min=9.5km az=148.0.

NEIC Event type fm. Error ellipse: s-maj=13.3km s-min=10.4km az=98.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.

(706) Northern Sumatra

ISC IV 13 02 00 30.9-89 2.8N-10 96.10E-09 35 4.3b 12 3-55

IDC IV 13 02 00 25.0-1.6 2.83N 96.10E 0 4.2,4.1b 119594781

ISCJB IV 13 02 00 28.3-89 2.7N-10 96.06E-09 33 4.3b,4.1b

NEIC IV 13 02 00 30.6-91 2.84N 96.28E 30 4.6b,4.1b

ISC Event type fe.

IDC Error ellipse: s-maj=49.2km s-min=26.5km az=43.0.

ISCJB Event type fe. Error ellipse: s-maj=20.1km s-min=11.9km az=29.4.

NEIC Event type fe. Error ellipse: s-maj=31.0km s-min=12.7km az=48.0. Felt [III] at Takengon, Sumatra.

(224) Hokkaido region

ISC IV 13 04 27 24.1-25 41.82N-02 142.78E-02 52-2 5.4b,4.8s 749 0-157

NIED IV 13 04 27 00 41.80N 142.80E 47 5.3W,4.8s 110697723

ORF IV 13 04 27 15.0 40.40N 143.79E 30 5.5b,4.8s

BJI IV 13 04 27 20.5 41.76N 142.74E 43 5.5b,5.3b

NEIC IV 13 04 27 22.6-12 41.85N 142.71E 37 5.3W,5.3b

ISCJB IV 13 04 27 22.5-26 41.76N-02 142.79E-02 52-2 5.4b,4.8s

MOS IV 13 04 27 22.2-84 41.83N 142.74E 48 5.6b,5.0s

HRVD IV 13 04 27 22.6-20 41.69N 143.12E 56-0 5.3W,5.0s

JMA IV 13 04 27 22.9-10 41.76N 142.89E 43-2 5.3,5.0s

IDC IV 13 04 27 24.5-1.2 41.79N 142.81E 58-9 5.3,5.1

SZGRF IV 13 04 27 27.5 42.81N 143.09E 33 5.6b,5.1

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=28.00000°,λ80.00000°. NP2:φ=232.00000°,λ26.00000°. M₁:11.0000°x1017

NEIC Event type fe. Error ellipse: s-maj=3.8km s-min=2.6km az=163.0. Felt at Urukawa. Recorded [4 JMA] in the Shizunai area, [3 JMA] in the Churui area, [2 JMA] in south-central Hokkaido and [1 JMA] in eastern and southwestern Hokkaido. Also recorded [2 JMA] in Aomori and [1 JMA] in Iwate Prefectures, Honshu. Moment Tensor Solution. M₁:1.0000°x1017

ISCJB Event type fe. Error ellipse: s-maj=3.4km s-min=2.4km az=100.1.

MOS Error ellipse: s-maj=6.7km s-min=3.7km az=104.2.

HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s75,c127; Mantle waves: s90,c155; Half duration: 1s1 Moment tensor: Scale 1017Nm; M₁₁:0.89±0.2 M₂₂:0.11±0.2; M₃₃:0.77±0.2; M₁₂:0.15±0.1; M₁₃:0.47±0.1; M₂₃:0.49±0.2; Best double couple: NP1:φ=214.00000°,λ31.00000°. NP2:φ=22.00000°,λ59.00000°. Principal axes: T 1.0220,Plg75.0000°,AzM274.0000°. N 0.1230,Plg6.0000°,AzM25.0000°. P -1.1460,Plg14.0000°,AzM116.0000°. M₁:0.8400°x1017

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=197.00000°,λ21.00000°,λ88.00000°. NP2:φ=20.00000°,λ69.00000°. Principal axes: T Plg66.0000°,AzM291.0000°. N Plg1.0000°,AzM199.0000°. P Plg24.0000°,AzM109.0000°

IDC Error ellipse: s-maj=11.7km s-min=7.8km az=102.0.

SZGRF Hokkaido, Japan, region.

(479) Colorado

ISC IV 13 05 50 12.8-36 40.48N-02 107.04W-03 1 3.3b 87 1-23

IDC IV 13 05 50 11.5-2.1 40.51N 106.83W 0 3.5L,3.5 119594793

NEIC IV 13 05 50 12.9-46 40.48N 106.96W 1 3.3L,3.5

ISCJB IV 13 05 50 13.3-41 40.57N-02 107.23W-03 1 3.2b,3.5

ISC Event type fe.

NEIC Event type fe. Probable mining-related event.

ISCJB Event type fe.

(224) Hokkaido region

ISC IV 13 10 35 16.8-74 41.72N-04 144.29E-06 35-5 4.3b,3.6s 102 1-80

NIED IV 13 10 35 00 41.70N 144.30E 20 4.2W,3.6s 118320441

MOS IV 13 10 35 14.6-1.1 41.68N 144.19E 32 4.5b,3.6s

ISCJB IV 13 10 35 15.3-71 41.68N-04 144.31E-06 39-5 4.3b,3.6s

JMA IV 13 10 35 16.0-20 41.71N 144.26E 28-3 4.4,3.6s

BJI IV 13 10 35 16.2 42.12N 144.25E 42 4.9b,4.6b

NEIC IV 13 10 35 17.6-60 41.70N 144.15E 38 4.3b,4.6b

IDC IV 13 10 35 18.3-2.3 41.64N 144.08E 45-19 4.0,3.9

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=12.00000°,λ77.00000°,λ42.00000°. NP2:φ=271.00000°,λ50.00000°,λ163.00000°. M₂:6.0000°x1015

MOS Error ellipse: s-maj=11.0km s-min=6.9km az=96.4.

ISCJB Event type fe. Error ellipse: s-maj=8.2km s-min=5.1km az=68.7.

JMA Event type fe. Error ellipse: s-maj=3.3km s-min=0.8km az=-1.0.

NEIC Event type fe. Error ellipse: s-maj=13.9km s-min=8.6km az=131.0. Recorded [1 JMA] in the Ombetsu area.

IDC Error ellipse: s-maj=21.3km s-min=13.8km az=95.0.

(365) Aegean Sea

ISC IV 13 16 18 35.8-44 38.15N-01 26.60E-02 9-3 4.0s,3.8b 180 0-90

ISCJB IV 13 16 18 34.5-46 38.12N-01 26.63E-02 11-3 4.0s,3.8b 118504399

ISK IV 13 16 18 34.2 38.19N 26.53E 11 4.2L,3.8b

NEIC IV 13 16 18 34.0 38.19N 26.48E 15 4.3L,4.0L

CSEM IV 13 16 18 35.1-05 38.20N 26.66E 10 4.0L,4.0L

IDC IV 13 16 18 35.7-1.0 38.26N 26.44E 0 3.8b,3.8

ATH IV 13 16 18 35.5 38.19N 26.49E 20-1 4.0,4.0L

THE IV 13 16 18 37.0 38.09N 26.53E 9 3.9L,4.0L

MOS IV 13 16 18 36.1-1.0 38.19N 26.68E 20 4.0b,4.0L

HLW IV 13 16 18 38.2 38.09N 26.89E 33 3.5b,4.0L

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=2.9km s-min=2.5km az=177.6.

NEIC Event type fe. Felt at Izmir. After ISK.

CSEM Event type ke. Error ellipse: s-maj=1.5km s-min=1.3km az=109.0.

IDC Error ellipse: s-maj=22.6km s-min=14.0km az=123.0.

ATH Error ellipse: s-maj=1.0km s-min=1.6km az=-1.0.

MOS Error ellipse: s-maj=11.5km s-min=8.0km az=97.7.

(235) Kyushu

JMA IV 13 17 05 49.4 32.10N 129.89E 12-1 3.6

NIED IV 13 17 05 00 32.10N 129.90E 5 3.6W 119260957

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=26.00000°,λ77.00000°. NP2:φ=292.00000°,λ-14.00000°. Principal axes: T Plg0.0000°,AzM339.0000°. N Plg71.0000°,AzM69.0000°. P Plg19.0000°. AzM249.0000°

NIED Moment Tensor Solution. Best double couple: NP1:φ=116.00000°,λ89.00000°,λ28.00000°. NP2:φ=25.00000°,λ62.00000°,λ179.00000°. M₂:5.1000°x1014

(228) Near east coast of eastern Honshu

ISC IV 13 18 43 26.7-71 38.80N-04 141.74E-10 59-6 3.5b 24 0-63

ISCJB IV 13 18 43 25.2-72 38.80N-04 141.77E-10 68-5 3.4b 119594820

IDC IV 13 18 43 25.6-2.1 38.70N 141.99E 56-21 3.6,3.5

JMA IV 13 18 43 26.5 38.83N 141.64E 66-1 3.5,3.5

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=13.3km s-min=5.9km az=43.2.

IDC Error ellipse: s-maj=39.9km s-min=12.3km az=98.0.

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=340.00000°,λ38.00000°,λ39.00000°. NP2:φ=218.00000°,λ122.00000°. Principal axes: T Plg56.0000°,AzM169.0000°. N Plg29.0000°,AzM24.0000°. P Plg16.0000°. AzM285.0000°

(228) Near east coast of eastern Honshu

ISC IV 14 07 33 42.2-50 35.83N-03 140.44E-04 26-3 4.3b,3.5s 84 0-148

NIED IV 14 07 33 00 35.90N 140.60E 35 4.3W,3.5s 110697756

BJI IV 14 07 33 39.4 35.98N 140.67E 31 4.7b,4.5b

ISCJB IV 14 07 33 41.9-41 35.82N-03 140.48E-04 38-4 4.3b,3.5s

MOS IV 14 07 33 42.1-88 35.79N 140.40E 42 4.5b,3.5s

JMA	IV	14 07 33 42.4	35.87N	140.49E	35-1	3.9,3.5s			
IDC	IV	14 07 33 43.9-2.5	35.78N	140.43E	40-22	4.2,4.1			
NEIC	IV	14 07 33 43.9-1.3	35.80N	140.36E	40-11	4.4b,4.1			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=58.00000°,δ69.00000°,λ71.00000°; NP2:φ=282.00000°,δ28.00000°,λ130.00000°; M:2.66000×10 ¹⁵								
ISCJB	Event type fe. Error ellipse: s-maj=8.9km s-min=4.9km az=123.4.								
MOS	Error ellipse: s-maj=12.0km s-min=7.1km az=106.0.								
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=220.00000°,δ34.00000°,λ64.00000°; NP2:φ=71.00000°,δ60.00000°,λ106.00000°; Principal axes: T P1g70.0000°,AzM17.0000°; N P1g14.0000°,AzM243.0000°; P P1g14.0000°,AzM149.0000°								
IDC	Error ellipse: s-maj=19.0km s-min=13.8km az=82.0.								
NEIC	Event type fe. Error ellipse: s-maj=11.0km s-min=8.1km az=117.0. Recorded [3 JMA] in Chiba, [2 JMA] in Ibaraki and [1 JMA] in Saitama and Tokyo Prefectures.								
(249) Luzon									
ISC	IV	14 11 08 39.5-1.1	13.27N-03	123.41E-04	17-7	4.0b	50	1-82	
IDC	IV	14 11 08 36.4-94	13.18N	123.57E	0	4.6L,4.1			¶9507997
MAN	IV	14 11 08 39.0	13.28N	123.39E	20	4.8L,3.7b			
ISCJB	IV	14 11 08 40.2-46	13.27N-03	123.39E-04	40-6	4.0b,3.7b			
NEIC	IV	14 11 08 43.1-47	13.04N	123.25E	50	4.4b,3.7b			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=57.8km s-min=16.8km az=64.0.								
MAN	Event type fe. F IIRIGA CITY - INTENSITY II.								
ISCJB	Error ellipse: s-maj=8.1km s-min=4.0km az=107.2.								
NEIC	Event type se. Error ellipse: s-maj=27.1km s-min=8.1km az=60.0.								
(14) Kenai Peninsula									
ISC	IV	14 15 57 21.6-37	60.20N-03	151.65W-06	83-4	4.0b	82	1-145	
ISCJB	IV	14 15 57 20.5-38	60.20N-03	151.64W-06	87-4	4.0b			¶8320534
BJI	IV	14 15 57 20.0	60.20N	151.60W	78	4.9b,4.6b			
IDC	IV	14 15 57 21.0-1.7	60.33N	151.91W	71-16	4.2,4.0			
NEIC	IV	14 15 57 23.1	60.18N	151.57W	78	3.9b,4.0			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=5.5km s-min=5.2km az=28.6.								
IDC	Error ellipse: s-maj=15.5km s-min=13.5km az=87.0.								
NEIC	Event type fe. Felt [II] at Anchorage and Homer. Felt at Anchor Point, Eagle River, Kenai, Ninilichik and Soldotna. After AEIC.								
(224) Hokkaido region									
ISC	IV	14 16 47 02.3-73	42.36N-07	143.20E-07	65-4	3.5b	22	0-70	
ISCJB	IV	14 16 47 02.0-75	42.36N-07	143.20E-08	70-4	3.5b			¶9594917
IDC	IV	14 16 47 03.9-6.7	42.45N	143.43E	77-40	3.7,3.5			
JMA	IV	14 16 47 04.4-10	42.43N	143.17E	49-2	3.3,3.5			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=12.6km s-min=7.8km az=119.9.								
IDC	Error ellipse: s-maj=61.2km s-min=49.4km az=104.0.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=16.00000°,δ48.00000°,λ57.00000°; NP2: φ=241.00000°,δ52.00000°,λ121.00000°; Principal axes: T P1g66.0000°,AzM215.0000°; N P1g24.0000°,AzM40.0000°; P P1g2.0000°,AzM309.0000°								
(460) Wyoming									
ISC	IV	14 18 02 49.1-72	43.74N-04	105.07W-08	0		36	2-20	
ISCJB	IV	14 18 02 47.3-73	43.76N-04	105.05W-08	0				¶8854725
NEIC	IV	14 18 02 49.7-62	43.72N	105.15W	0	3.3L			
IDC	IV	14 18 02 50.5-1.5	43.92N	105.59W	0	3.7,3.5L			
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=8.3km s-min=5.8km az=5.9.								
NEIC	Event type fm. Error ellipse: s-maj=8.2km s-min=6.3km az=98.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.								
IDC	Error ellipse: s-maj=41.2km s-min=8.1km az=147.0.								
(259) Mindanao									
ISC	IV	14 18 08 12.4-52	9.07N-02	125.65E-04	24-3	4.3b,3.8s	109	0-120	
BJI	IV	14 18 08 07.7	7.54N	126.16E	95	5.2b,4.2b			¶8564554
ISCJB	IV	14 18 08 11.5-65	9.07N-02	125.67E-03	31-4	4.3b,3.8s			
MAN	IV	14 18 08 11.1	9.12N	125.59E	10	5.1L,4.2b			
NEIC	IV	14 18 08 19.7-1.3	8.93N	125.55E	95-12	4.4b,4.2b			
MOS	IV	14 18 08 20.6-1.3	8.95N	125.52E	120	4.5b,4.2b			
IDC	IV	14 18 08 21.8-3.1	9.00N	125.51E	116-29	4.2,3.9			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=5.8km s-min=3.8km az=150.3.								
MAN	Event type fe. F MAINIT SURIGAO DEL NORTE - INTENSITY III.								
NEIC	Event type se. Error ellipse: s-maj=17.9km s-min=7.1km az=66.0.								
MOS	Error ellipse: s-maj=18.8km s-min=8.8km az=109.9.								
IDC	Error ellipse: s-maj=28.7km s-min=10.6km az=79.0.								
(581) Mozambique									
ISC	IV	14 18 41 39.6-16	21.39S-03	33.66E-03	27	5.2b,4.8s	539	5-153	
PRE	IV	14 18 41 31.4-1.6	21.28S	33.76E	5-0	6.5L,4.8s			¶8320540
IDC	IV	14 18 41 35.5-39	21.29S	33.63E	0	5.1,5.1L			
MOS	IV	14 18 41 35.8-80	21.21S	33.75E	10	5.5b,4.6s			
SZGRF	IV	14 18 41 36.9	21.33S	34.91E	33	5.4b,4.6s			
ISCJB	IV	14 18 41 37.5-17	21.36S-03	33.67E-04	26	5.2b,4.8s			
BJI	IV	14 18 41 38.4	21.40S	33.70E	26	5.6b,5.4b			
NEIC	IV	14 18 41 39.5-14	21.41S	33.65E	26	5.3b,4.8s			
HRVD	IV	14 18 41 39.5-20	21.27S	33.57E	30-0	5.2W,4.8s			
ISC	Event type fe.								
PRE	Error ellipse: s-maj=13.1km s-min=13.9km az=-1.0.								
IDC	Error ellipse: s-maj=13.1km s-min=11.1km az=69.0.								
MOS	Error ellipse: s-maj=12.0km s-min=3.9km az=99.6.								
SZGRF	Mozambique.								
ISCJB	Event type fe. Error ellipse: s-maj=4.8km s-min=4.3km az=170.8.								
NEIC	Event type fe. Error ellipse: s-maj=5.2km s-min=3.9km az=83.0. Felt at Beira, Maputo and Namaacha.								
HRVD	Error ellipse: s-maj=1.1km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s62,c89; Mantle waves: s80,c125; Half duration: 1s0 Moment tensor: Scale 10 ¹⁷ Nm; M:0.60±0.2 M ₀ -0.07±0.2; M ₂ -0.20±0.3; M ₃ -0.06±0.1; M ₀ -0.29±0.2; Best double couple: NP1:φ=22.00000°,δ37.00000°,λ-61.00000°; NP2:φ=167.00000°,δ59.00000°,λ-110.00000°; Principal axes: T 0.7600,Plg11.0000°,AzM271.0000°; N -0.0040,Plg17.0000°,AzM178.0000°; P -0.7570,Plg69.0000°,AzM34.0000°; M:0.75800×10 ¹⁷								
(456) Montana									
ISC	IV	15 00 39 36.4-43	45.11N-02	106.63W-04	0		50	2-18	
ISCJB	IV	15 00 39 35.4-51	45.10N-03	106.63W-05	0				¶8854745
IDC	IV	15 00 39 35.1-1.3	45.22N	107.41W	0	3.5,3.4L			
NEIC	IV	15 00 39 36.7-50	45.11N	106.76W	0	3.3L,3.4L			
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=4.7km s-min=3.8km az=159.6.								
IDC	Error ellipse: s-maj=53.5km s-min=8.2km az=128.0.								
NEIC	Event type fm. Error ellipse: s-maj=6.7km s-min=5.8km az=112.0. 40 km [25 miles] NNE of Sheridan. Suspected Mining explosion.								
(107) Ecuador									
ISC	IV	15 01 08 48.1-34	1.00S-02	78.34W-04	10	3.8b,3.2s	45	0-82	
IGQ	IV	15 01 08 46.7	1.01S	78.30W	10-2	4.3b,4.1s			¶9594939
ISCJB	IV	15 01 08 47.3-33	1.04S-02	78.34W-04	10	3.8b,3.2s			
IDC	IV	15 01 08 47.5-91	1.01S	78.66W	0	4.0,3.8			
NEIC	IV	15 01 08 48.2-66	1.01S	78.50W	5	4.4,4.1b			
ISC	Event type fe.								
IGQ	Error ellipse: s-maj=1.3km s-min=0.8km az=6.7.								
ISCJB	Event type fe. Error ellipse: s-maj=6.2km s-min=3.0km az=9.7.								
IDC	Error ellipse: s-maj=28.3km s-min=15.9km az=87.0.								
NEIC	Event type fe. Error ellipse: s-maj=19.7km s-min=8.6km az=83.0. Felt at Ambato, Banos, Latacunga and at the Pucara Dam.								
(238) Ryukyu Islands									
ISC	IV	15 03 42 15.0-46	29.13N-04	129.63E-08	51-5	4.1b,4.0s	46	1-90	
NIED	IV	15 03 42 00.0	29.30N	129.20E	5	4.5W,4.0b			¶8320577
BJI	IV	15 03 42 07.3	28.29N	130.17E	64	4.7b,4.3b			
JMA	IV	15 03 42 10.1-50	29.30N	129.10E	8	4.4,4.3b			
ISCJB	IV	15 03 42 13.8-47	29.10N-04	129.65E-08	58-5	4.1b,4.0s			
IDC	IV	15 03 42 15.9-2.3	29.00N	129.59E	64-23	3.8,3.7			
NEIC	IV	15 03 42 16.3-1.1	28.98N	129.51E	64-11	4.1b,3.7			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=263.00000°,δ69.00000°,λ-91.00000°; NP2:φ=85.00000°,δ21.00000°,λ-87.00000°; M:5.55000×10 ¹⁵								

JMA	Event type fe. Error ellipse: s-maj=2.2km s-min=4.8km az=-1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=12.2km s-min=6.0km az=46.1.								
IDC	Error ellipse: s-maj=27.2km s-min=15.4km az=90.0.								
NEIC	Event type fe. Error ellipse: s-maj=11.0km s-min=8.7km az=107.0. Recorded [3 JMA] on Takara-jima.								
(238) Ryukyu Islands									
ISC	IV	15 03 47 28.1-1.1	29.25N-04	129.34E-08	22-9	4.1s,4.0b	31	1-75	
NIED	IV	15 03 47 00.0	29.30N	129.20E	5	4.3W,4.0b			¶8564593
BJI	IV	15 03 47 18.9	28.25N	130.20E	37	4.2s,4.2b			
JMA	IV	15 03 47 24.4-50	29.29N	129.06E	10	3.6,4.2b			
ISCJB	IV	15 03 47 28.4-55	29.24N-04	129.36E-08	40-7	4.1s,4.0b			
IDC	IV	15 03 47 29.8-4.9	29.27N	129.35E	33-40	3.8,3.8			
NEIC	IV	15 03 47 30.0-1.0	29.23N	129.26E	37-11	4.2b,3.8			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=248.00000°,δ94.00000°; NP2:φ=79.00000°,δ21.00000°,λ-80.00000°; M:3.62000×10 ¹⁵								
JMA	Event type fe. Error ellipse: s-maj=11.6km s-min=5.7km az=33.8.								
ISCJB	Error ellipse: s-maj=25.5km s-min=15.1km az=80.0.								
IDC	Event type se. Error ellipse: s-maj=13.3km s-min=7.4km az=79.0.								
NEIC	Event type se. Error ellipse: s-maj=13.3km s-min=7.4km az=79.0.								
(163) Cook Strait									
WEL	IV	15 04 10 10.8-13	40.26S	174.97E	43-5	3.5L			¶9967606
WEL	Event type fe. Error ellipse: s-maj=1.6km s-min=0.6km az=90.0. Felt from Wanganui to Manawatu, maximum reported intensity MM 4.								
(161) Off west coast of South Island									
ISC	IV	15 07 14 41.4-1.5	47.00S-04	165.90E-04	12-10	5.2b,4.4s	117	2-164	
IDC	IV	15 07 14 39.1-50	46.86S	165.94E	0	5.3,5.2b			¶8320584
ISCJB	IV	15 07 14 42.4-30	46.98S-04	165.92E-04	33	5.2b,4.4s			
WEL	IV	15 07 14 43.1-49	47.04S	165.70E	33	5.4L,4.4s			
HRVD	IV	15 07 14 44.5-40	46.97S	165.69E	41-2	5.1W,4.4s			
BJI	IV	15 07 14 44.4	46.90S	166.00E	35	5.5b,5.3b			
NEIC	IV	15 07 14 44.5-72	46.91S	165.98E	35-7	5.0b,5.3b			
MOS	IV	15 07 14 46.3-3.2	46.97S	165.49E	33	5.0b,5.3b			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=23.4km s-min=16.7km az=26.0.								
ISCJB	Event type fe. Error ellipse: s-maj=6.1km s-min=3.0km az=122.5.								
WEL	Event type fe. Error ellipse: s-maj=5.0km s-min=3.5km az=90.0. Felt from Otago to Southland, maximum reported intensity MM 4.								
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s15,c16; Mantle waves: s58,c79; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M:3.07±1.4 M ₀ -2.54±2.6; M ₂ -0.53±2.7; M ₃ -3.07±2.7; M ₀ -0.25±2.0; M ₂ -3.34±2.7; Best double couple: NP1:φ=98.00000°,δ19.00000°,λ133.00000°; NP2:φ=233.00000°,δ76.00000°,λ77.00000°; Principal axes: T 5.9830,Plg57.0000°,AzM125.0000°; N -1.6240,Plg13.0000°,AzM236.0000°; P								

HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s4.c4; Mantle waves: s52.c76;Half duration: 0 Moment tensor: Scale 1016 Nm; M₂:2.59±1.15 Mw:0.01±1.1; M₂:2.59±1.1; M₂:0.41±0.7; M₂:1.01±1.4; M₂:0.47±1.2; Best double couple: NP1:φ:32.0000°;λ:43.0000°;Az:109.0000°;NP2:φ:187.0000°;λ:85.0000°;Az:73.0000°; Principal axes: T 2.7290,Plg77.0000°;Az:33.0000°; N 0.2350,Plg13.0000°;Az:198.0000°; P -2.9550,Plg3.0000°;Az:288.0000°; M₂:84200×10¹⁶

NEIC Event type se. Error ellipse: s-maj=8.0km s-min=6.0km az=106.0.

(376) Portugal

ISC	IV	15 19 52 32.0-30	39.31N-01	9.05W-03	20	3.5b	331	0-145
IDC	IV	15 19 52 28.1-16	39.34N	9.25W	0	3.7L,3.7		118320611
ISCJB	IV	15 19 52 30.9-30	39.34N-01	8.96W-03	20	3.5b,3.7		
MDD	IV	15 19 52 31.4-37	39.31N	9.24W	10-0	3.9b,3.7		
NEIC	IV	15 19 52 31.6	39.30N	9.17W	10	3.4,3.7		
SFS	IV	15 19 52 31.0	39.30N	9.11W	0	3.4L,3.7		
LDG	IV	15 19 52 31.3-25	39.24N	9.25W	10-0	4.2L,3.7		
IGIL	IV	15 19 52 31.6	39.30N	9.30W	15	3.9L,3.7		
INMG	IV	15 19 52 32.5-80	39.26N	9.23W	19-1	3.6L,3.2		
CSEM	IV	15 19 52 32.5-08	39.27N	9.14W	20	4.1L,3.2		
CNRM	IV	15 19 52 36.4	38.90N	9.76W	30	3.8,3.2		

ISC Event type fe. Error ellipse: s-maj=29.2km s-min=22.6km az=31.0.
 IDC Error ellipse: s-maj=3.3km s-min=1.8km az=5.6.
 ISCJB Event type fe. Error ellipse: s-maj=4.1km s-min=1.8km az=95.0. PRXIMO.
 MDD Error ellipse: s-maj=4.1km s-min=1.8km az=95.0. PRXIMO.
 NEIC Event type fe. Felt at Atougua da Baleia, Lourinha, Oeiras and Sao Pedro de Cadeira. After MDD.
 LDG Event type ke. Error ellipse: s-maj=6.0km s-min=2.7km az=82.0.
 INMG Event type ke. Error ellipse: s-maj=2.1km s-min=0.8km az=87.0.
 CSEM Event type ke. Error ellipse: s-maj=1.9km s-min=1.0km az=81.0.

(238) Ryukyu Islands

ISC	IV	15 20 03 54.5-17	29.24N-05	129.2E-10	21-15	3.5b,3.3s	14	1-75
JMA	IV	15 20 03 52.5-50	29.29N	129.02E	23	3.1,3.3s		119594974
ISCJB	IV	15 20 03 53.8-17	29.26N-05	129.1E-10	24-15	3.5b,3.3s		
IDC	IV	15 20 03 58.9-4.9	29.04N	129.14E	61-48	3.5,3.4		

ISC Event type fe. Error ellipse: s-maj=2.2km s-min=1.4km az=-1.0.
 JMA Event type fe. Error ellipse: s-maj=21.1km s-min=7.0km az=25.7.
 ISCJB Error ellipse: s-maj=52.8km s-min=24.3km az=62.0.
 IDC Error ellipse: s-maj=52.8km s-min=24.3km az=62.0.

(460) Wyoming

ISC	IV	15 20 24 07.1-56	44.16N-03	105.29W-06	0	3.9	3-19
ISCJB	IV	15 20 24 04.4-58	44.19N-03	105.31W-06	0		118854746
IDC	IV	15 20 24 06.8-1.6	44.21N	105.69W	0	3.3,3.1	
NEIC	IV	15 20 24 07.3-63	44.15N	105.35W	0	3.1L,3.1	

ISC Event type fm. Error ellipse: s-maj=6.6km s-min=4.1km az=8.8.
 IDC Error ellipse: s-maj=52.2km s-min=8.9km az=145.0.
 NEIC Event type fm. Error ellipse: s-maj=9.2km s-min=6.1km az=112.0. 20 km [10 miles] SE of Gillette. Suspected Mining explosion.

(243) Taiwan region

ISC	IV	15 22 40 55.0-09	22.93N-01	121.38E-01	18	5.9s,5.5b	850	1-176
NIED	IV	15 22 40 00	22.70N	121.40E	65	6.2W,5.5b		118320615
BJI	IV	15 22 40 52.9	22.98N	121.34E	6	6.2s,6.1s		
ISCJB	IV	15 22 40 53.0-09	22.88N-01	121.37E-02	17	5.9s,5.5b		
JMA	IV	15 22 40 54.6-30	22.73N	121.38E	75	6.0s,5.5b		
SZGRF	IV	15 22 40 54.3	22.69N	122.20E	18	6.0s,5.8b		
MOS	IV	15 22 40 54.3-87	22.84N	121.39E	29	6.1s,5.8b		
HRVD	IV	15 22 40 54.1-10	22.87N	121.40E	22-0	5.9W,5.8b		
NEIC	IV	15 22 40 54.2-14	22.80N	121.36E	18	6.2L,5.9W		
IDC	IV	15 22 40 56.7-1.6	22.77N	121.32E	37-12	5.5s,5.5		
CRAAG	IV	15 22 40 56.8	23.14N	121.38E	6	6.0b,5.5		

ISC Event type fe. Moment Tensor Solution. Best double couple: NP1:φ:55.0000°;λ:88.0000°;Az:2.0000°; NP2:φ:192.0000°;λ:83.0000°;Az:0.0000°; M₂:6.10000×10¹⁸
 ISCJB Event type fe. Error ellipse: s-maj=2.1km s-min=1.9km az=95.0.
 JMA Event type fe. Error ellipse: s-maj=4.4km s-min=3.1km az=-1.0.
 SZGRF Taiwan region.

MOS Error ellipse: s-maj=7.3km s-min=3.6km az=116.2.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s106.c223; Mantle waves: s99.c293;Half duration: 252 Moment tensor: Scale 1018Nm; M₂:0.78±0.1 Mw:0.06±0.1; M₂:0.83±0.1; M₂:0.22±0.1; M₂:0.25±0.1; M₂:0.07±0.1; Best double couple: NP1:φ:212.0000°;λ:114.0000°;Az:0.0000°; NP2:φ:358.0000°;λ:84.0000°;Az:66.0000°; Principal axes: T 0.8500,Plg72.0000°;Az:196.0000°; N 0.0480,Plg18.0000°;Az:15.0000°; P -0.8980,Plg0.0000°;Az:105.0000°; M₂:0.87400×10¹⁸

NEIC Event type fe. Error ellipse: s-maj=4.5km s-min=3.7km az=77.0. Felt in much of Taiwan. Recorded [5 TAP] in Hua-lien and Tai-tung; [3 TAP] in Chia-i, Kao-hsiung, Nan-tou, Ping-tung, Tai-chung, Tai-nan and Yun-lin; [2 TAP] in Chang-hua, I-lan and Miao-li; [1 TAP] in P'eng-hu Counties. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s26 Moment tensor: Scale 1017Nm; M₂:8.54 Mw:1.34 Mw:0.98 Mw:2.61 Mw:0.51 Mw:0.53 Best double couple: NP1:φ:200.0000°;λ:80.0000°;Az:114.0000°; NP2:φ:346.0000°;λ:65.0000°;Az:0.0000°; Principal axes: T 9.3900,Plg72.0000°;Az:177.0000°; N 0.5100,Plg18.0000°;Az:4.0000°; P -9.9000,Plg2.0000°;Az:273.0000°; M₂:9.70000×10¹⁷ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:15.0000°;λ:83.0000°;Az:0.0000°; NP2:φ:195.0000°;λ:85.0000°;Az:90.0000°; Principal axes: T Plg80.0000°;Az:105.0000°; N Plg0.0000°;Az:0.0000°; P Plg10.0000°;Az:285.0000°; Error ellipse: s-maj=12.6km s-min=8.4km az=77.0.

(134) Off coast of central Chile

ISC	IV	15 23 50 13.7-20	29.69S-02	72.02W-05	14	5.6s,5.5b	204	1-179
SZGRF	IV	15 23 49 52.1	32.46S	73.35W	25	5.6b,5.5b		118320618
GUC	IV	15 23 50 09.5-83	29.56S	72.28W	14-3	5.6L,5.5b		
IDC	IV	15 23 50 10.9-41	29.64S	71.87W	0	5.6s,5.6		
ISCJB	IV	15 23 50 12.3-20	29.69S-02	72.01W-05	14	5.6s,5.5b		
NEIC	IV	15 23 50 14.7-2.1	29.77S	72.00W	20-13	5.6L,5.6s		
MOS	IV	15 23 50 14.7-1.3	29.67S	71.82W	22	5.8b,5.7s		
HRVD	IV	15 23 50 14.7-10	29.71S	72.29W	12	6.0W,5.7s		

ISC Event type fe. Off coast of central Chile. Error ellipse: s-maj=2.0km s-min=4.4km az=-1.0.
 IDC Error ellipse: s-maj=20.4km s-min=12.1km az=88.0.
 ISCJB Event type fe. Error ellipse: s-maj=6.9km s-min=2.5km az=159.2.
 NEIC Event type fe. Error ellipse: s-maj=8.1km s-min=5.6km az=81.0. Felt [II] at Coquimbo and La Serena.

MOS Error ellipse: s-maj=11.5km s-min=7.2km az=85.5.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s93.c180; Mantle waves: s105.c358;Half duration: 254 Moment tensor: Scale 1018Nm; M₂:1.00±0.01 Mw:0.01±0.01; M₂:0.11±0.02; M₂:0.06±0.01; M₂:0.73±0.02; Best double couple: NP1:φ:1.0000°;λ:87.0000°;Az:0.0000°; NP2:φ:186.0000°;λ:83.0000°;Az:93.0000°; Principal axes: T 1.2400,Plg72.0000°;Az:102.0000°; N 0.0100,Plg2.0000°;Az:5.0000°; P -1.2530,Plg18.0000°;Az:274.0000°; M₂:1.24700×10¹⁸

(662) Sakhalin Island

ISC	IV	16 00 47 49.3-65	52.87N-04	142.72E-07	10	3.5b	27	1-77
SKHL	IV	16 00 47 45.7-70	52.90N	142.80E	10-0	4.2b		118646076
ISCJB	IV	16 00 47 46.9-60	52.84N-03	142.70E-06	10	3.5b		
IDC	IV	16 00 47 50.7-1.1	53.00N	142.72E	0	3.7,3.5b		
MOS	IV	16 00 47 51.4-1.6	53.19N	142.67E	17	4.0b,3.5b		

ISC Event type fe. Error ellipse: s-maj=5.5km s-min=3.9km az=59.3.
 IDC Error ellipse: s-maj=33.1km s-min=23.0km az=149.0.
 MOS Event type fe. Error ellipse: s-maj=50.3km s-min=22.7km az=76.7. Felt (I-II) at Sabo. Moment Tensor Solution.

(211) Southeast of Honshu

ISC	IV	16 11 48 57.7-22	30.32N-02	138.60E-02	436-1	5.2b	926	3-155
ORF	IV	16 11 47 55.9	27.67N	142.08E	30	5.6b		118320638
NIED	IV	16 11 48 00	30.20N	139.00E	440	5.7W		
SZGRF	IV	16 11 48 10.0	30.05N	139.46E	456	5.3b		
BGS	IV	16 11 48 45.3	27.58N	138.68E	430	5.2b		

BJI	IV	16 11 48 54.9	30.26N	138.56E	419	5.8b,5.6b		
MOS	IV	16 11 48 54.9-78	30.25N	138.56E	418	5.4b,4.6s		
JMA	IV	16 11 48 54.4-30	30.24N	139.03E	454-4	5.7,4.6s		
IDC	IV	16 11 48 55.7-46	30.23N	138.57E	419-4	5.7,5.0		
NEIC	IV	16 11 48 57.0-10	30.24N	138.57E	432	5.7W,5.7W		
ISCJB	IV	16 11 48 56.4-21	30.28N-02	138.59E-02	434-1	5.2b,5.7W		
HRVD	IV	16 11 48 57.0-20	30.29N	138.60E	424-1	5.7W,5.7W		

ISC Event type fe. Moment Tensor Solution. Best double couple: NP1:φ:329.0000°;λ:51.0000°; NP2:φ:68.0000°;λ:340.0000°;Az:-168.0000°; M₂:4.52000×10¹⁷ Southeast of Honshu, Japan. Error ellipse: s-maj=7.4km s-min=3.7km az=108.3.
 SZGRF Event type fe. Error ellipse: s-maj=2.2km s-min=3.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:54.0000°;λ:178.0000°;Az:0.0000°; NP2:φ:323.0000°;λ:88.0000°;Az:37.0000°; Principal axes: T Plg24.0000°;Az:15.0000°; N Plg52.0000°;Az:140.0000°; P Plg27.0000°;Az:272.0000°

IDC Error ellipse: s-maj=8.8km s-min=5.6km az=80.0.
 NEIC Event type fe. Error ellipse: s-maj=3.1km s-min=2.7km az=165.0. Felt [II] at Tokyo. Also felt at Chofu and Yamato. Recorded [2 JMA] in Chiba and Tochigi; [1 JMA] in Fukushima, Gumma, Ibaraki, Kanagawa, Miyagi, Saitama and Tokyo Prefectures, Honshu. Also recorded [1 JMA] on Hachijo-jima and in the Chichijima-retto. Moment Tensor Solution. M₂:4.50000×10¹⁷ Moment Tensor Solution. s12 Moment tensor: Scale 1017Nm; M₂:1.07 Mw:2.19 Mw:1.16 Mw:1.56 Mw:1.96 Mw:3.96 Best double couple: NP1:φ:334.0000°;λ:83.0000°;Az:60.0000°; NP2:φ:76.0000°;λ:81.0000°;Az:166.0000°; Principal axes: T 5.0500,Plg31.0000°;Az:39.0000°; N 0.0400,Plg30.0000°;Az:150.0000°; P -5.0900,Plg44.0000°;Az:274.0000°; M₂:5.10000×10¹⁷

ISCJB Event type fe. Error ellipse: s-maj=3.4km s-min=2.5km az=122.3.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s97.c183;Half duration: 18 Moment tensor: Scale 1017Nm; M₂:1.26±0.6 Mw:2.33±0.8; M₂:1.07±1.0; M₂:1.6±1.0; M₂:2.19±0.8; M₂:3.87±0.9; Best double couple: NP1:φ:78.0000°;λ:165.0000°;Az:39.0000°; NP2:φ:336.0000°;λ:81.0000°;Az:56.0000°; Principal axes: T 4.9260,Plg28.0000°;Az:39.0000°; N 0.1830,Plg33.0000°;Az:150.0000°; P -5.1090,Plg44.0000°;Az:278.0000°; M₂:5.01700×10¹⁷

(248) Philippine Islands region

ISC	IV	16 14 36 33.5-75	20.30N-05	122.2E-20	46-13	3.1b	22	2-45
IDC	IV	16 14 36 23.4-2.1	21.17N	123.87E	0	3.4,3.3		119508040
ISCJB	IV	16 14 36 32.2-74	20.31N-05	122.3E-20	52-13	3.1b,3.3		
JMA	IV	16 14 36 32.8-40	20.63N	122.27E	0	4.0,3.3		
MAN	IV	16 14 36 34.8	20.00N	121.84E	11	8.9s,4.3L		

ISC Event type fe. Error ellipse: s-maj=178.2km s-min=22.8km az=66.0.
 IDC Event type fe. Error ellipse: s-maj=26.6km s-min=5.1km az=29.2.
 ISCJB Error ellipse: s-maj=3.3km s-min=6.2km az=-1.0.
 JMA Event type fe. F BASCO BATANES - INTENSITY II.
 MAN

(263) Talaud Islands

ISC	IV	16 17 46 16.6-13	4.55N-02	125.55E-03	192	5.5b	535	2-167
BJI	IV	16 17 46 13.5	4.34N	125.72E	195	5.5b,5.2b		110697802
ISCJB	IV	16 17 46 14.8-12	4.50N-02	125.49E-03	190	5.7b,5.2b		
HRVD	IV	16 17 46 15.9-10	4.54N	125.70E	187-0	5.7W,5.2b		
IDC	IV	16 17 46 16.0-39	4.61N	125.55E	185-3	5.8,5.3		
NEIC	IV	16 17 46 15.9-11	4.60N	125.38E	185	5.7W,5.5b		
MOS	IV	16 17 46 18.7-1.2	4.68N	125.44E	219	5.5b,4.6s		
SZGRF	IV	16 17 46 20.0	4.06N	125.06E	205	5.3b,4.6s		
MAN	IV	16 17 46 34.8	5.99N	125.06E	213	5.9L,5.5b		

Table with columns for station name, date, time, and coordinates. Includes stations like NIED, NEIC, BJI, etc.

ISC Event type fe. Error ellipse: s-maj=5.1km s-min=3.2km az=86.0. Moment Tensor Solution. Best double couple: NP1:phi=31.00000°, delta7.00000°, lambda97.00000°.

NEIC Event type fe. Recorded [2 JMA] in Amori and [1 JMA] in Iwate Prefectures, Honshu. Also recorded [1 JMA] in south-central Hokkaido. After JMA. Moment Tensor Solution. M0: 1.0000x1015

ISCJB Event type fe. Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:phi=175.00000°, delta16.00000°, lambda67.00000°.

MOS Error ellipse: s-maj=11.0km s-min=5.8km az=104.2. IDC Error ellipse: s-maj=16.6km s-min=9.5km az=106.0. SZGRF Hokkaido, Japan, region.

(248) Philippine Islands region

Table with columns for station name, date, time, and coordinates. Includes stations like BJI, MOS, ISCJB, etc.

ISC Event type fe. Error ellipse: s-maj=19.1km s-min=7.3km az=109.3. MOS Error ellipse: s-maj=9.4km s-min=5.0km az=141.5.

ISCJB Event type fe. Error ellipse: s-maj=33.6km s-min=10.9km az=69.0. IDC Error ellipse: s-maj=33.6km s-min=10.9km az=69.0.

MAN Event type fe. F SIARGAO SURIGAO DEL NORTE - INTENSITY II SURIGAO CITY - INTENSITY I. NEIC Event type fe. Error ellipse: s-maj=12.5km s-min=5.5km az=72.0.

(259) Mindanao

Table with columns for station name, date, time, and coordinates. Includes stations like MAN, ISC, etc.

ISC Event type fe. Error ellipse: s-maj=5.2km s-min=5.7km az=-1.0. IDC Error ellipse: s-maj=8.1km s-min=7.7km az=174.0.

ISCJB Event type fe. Error ellipse: s-maj=2.2km s-min=1.5km az=55.3. ATH Error ellipse: s-maj=1.2km s-min=1.3km az=-1.0.

NEIC Event type fe. Felt on Zakynthos. After ATH. CSEM Event type ke. Error ellipse: s-maj=1.9km s-min=1.0km az=27.0.

MOS Error ellipse: s-maj=3.6km s-min=2.2km az=102.4. SZGRF Ionian Sea. BGS Error ellipse: s-maj=150.5km s-min=88.2km az=-1.0.

(122) Near coast of northern Chile

Table with columns for station name, date, time, and coordinates. Includes stations like GUC, NEIC, etc.

GUC Error ellipse: s-maj=1.8km s-min=12.1km az=-1.0. NEIC Event type fe. Felt [III] at Chanaral. After GUC.

(377) Spain

Table with columns for station name, date, time, and coordinates. Includes stations like ISC, ISCJB, etc.

ISC Event type fe. Error ellipse: s-maj=2.2km s-min=1.8km az=103.2. ISCJB Event type ke. Error ellipse: s-maj=1.8km s-min=1.5km az=115.0.

MDD Event type fe. Error ellipse: s-maj=2.0km s-min=1.7km az=19.0. EMS: III EL ROMERAL TEMBLEQUE AS. II-III QUERO II ALCAZAR DE SAN JUAN LA GUARDIA LILLO I.

NEIC Event type fe. Felt [III] at Quero, Romeral, Tembleque and Villacanas; [II] at Alcazar de San Juan, La Guardia and Lillo; [I] at Dosbarrios, La Puebla de Almoradiel, La Villa de Don Fadrique, Turleque and Villanueva de Bogas. After MDD.

CSEM Event type ke. Error ellipse: s-maj=1.0km s-min=0.7km az=102.0. INMG Event type ke. Error ellipse: s-maj=2.7km s-min=2.1km az=89.0.

(314) Southern India

Table with columns for station name, date, time, and coordinates. Includes stations like ISC, IDC, etc.

ISC Event type de. Error ellipse: s-maj=20.0km s-min=14.4km az=50.0. IDC Error ellipse: s-maj=7.4km s-min=5.8km az=43.8.

Nm; M=2.67±18 M0=0.18±12; M0=2.86±13; Mw=0.70±26; Mw=0.49±10; Mw=1.35±23; Best double couple: NP1:phi=1.00000°, delta32.00000°, lambda106.00000°.

ISC (381) Central Italy. Table with columns for station name, date, time, and coordinates. Includes stations like PRU, MOS, etc.

ISCJB Event type fe. Error ellipse: s-maj=3.9km s-min=2.8km az=95.0. MOS Error ellipse: s-maj=1.9km s-min=1.3km az=142.2.

ISCJB Event type fe. Error ellipse: s-maj=15.6km s-min=11.9km az=111.0. IDC Error ellipse: s-maj=15.6km s-min=11.9km az=111.0.

NEIC Event type fe. Felt [IV] at Livorno and Pisa, [IV] at Cascina and Pontedera and [III] at Carrara, Castelfiorentino, La Spezia, Pistoia and Viareggio. After ROM.

ROM Event type ke. Error ellipse: s-maj=2.2km s-min=2.1km az=128.0. CSEM Event type ke. Error ellipse: s-maj=1.9km s-min=1.0km az=154.0.

STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. LDG Event type ke. Error ellipse: s-maj=3.1km s-min=2.1km az=23.0.

SZGRF Central Italy. (159) North Island. WEL Event type fe. Error ellipse: s-maj=2.1km s-min=1.0km az=90.0.

NEIC Event type se. After WEL. (244) Taiwan. ISC Event type fe. Error ellipse: s-maj=16.1km s-min=16.1km az=66.0.

IDC Event type fe. Error ellipse: s-maj=5.7km s-min=3.3km az=179.9. ISCJB Moment Tensor Solution. Best double couple: NP1:phi=49.00000°, delta62.00000°, lambda97.00000°.

NEIC Event type fe. Recorded [3 TAP] in Chia-i, Tai-nan and Yun-lin; [2 TAP] in Chang-hua, Nan-tou and Peng-hu; [1 TAP] in Kao-hsiung Counties. After TAP.

JMA Error ellipse: s-maj=7.8km s-min=4.1km az=-1.0. (105) Near coast of Ecuador. ISC Event type fe. Error ellipse: s-maj=8.4km s-min=4.4km az=69.0.

IGQ Event type fe. Error ellipse: s-maj=11.0km s-min=6.6km az=141.6. ISCJB Error ellipse: s-maj=26.9km s-min=11.2km az=63.0.

IDC Event type fe. Error ellipse: s-maj=16.8km s-min=7.9km az=67.0. Felt at Esmeraldas. (224) Hokkaido region. ISC Event type fe. Error ellipse: s-maj=4.4km s-min=6.7km az=-1.0.

NEIC Event type fe. Error ellipse: s-maj=11.0km s-min=6.6km az=141.6. HRVD Error ellipse: s-maj=4.4km s-min=6.7km az=-1.0.

SZGRF Event type fe. Error ellipse: s-maj=4.4km s-min=6.7km az=-1.0. nsta1 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s12,c2; Mantle waves: s37,c51; Half duration: 0 Moment tensor: Scale 10^16 Nm; M1: 62±16 M0=0.08±12; M0=1.71±11; Mw=0.64±23; Mw=0.31±07; Mw=0.07±17.

Best double couple: NP1:phi=35.00000°, delta48.00000°, lambda209.00000°; NP2:phi=209.00000°, delta49.00000°, lambda117.00000°.

Principal axes: T 1.8600, P1g7.0000, Azm188.0000°; N 0.1050, P1g20.0000, Azm10.0000°; P -1.7630, P1g1.0000, Azm280.0000°.

M0: 81200x1016. SZGRF Hokkaido, Japan, region. (238) Ryukyu Islands. ISC Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.

JMA Event type fe. Error ellipse: s-maj=14.4km s-min=5.9km az=33.3. ISCJB Error ellipse: s-maj=50.7km s-min=21.6km az=84.0.

IDC Error ellipse: s-maj=50.7km s-min=21.6km az=84.0. (238) Ryukyu Islands. ISC Event type fe. Error ellipse: s-maj=4.5km s-min=19.7km az=78.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=3.9km az=-1.0. ISCJB Event type fe. Error ellipse: s-maj=14.2km s-min=5.4km az=35.0.

IDC Error ellipse: s-maj=24.7km s-min=9.7km az=79.0. (226) Near west coast of eastern Honshu. JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.

NEIC Broadband fault plane solution: P waves. NP1:phi=3.00000°, delta22.00000°, lambda55.00000°.

NP2:phi=220.00000°, delta72.00000°, lambda103.00000°; Principal axes: T P1g61.0000, Azm150.0000°; N P1g13.0000, Azm36.0000°; P P1g26.0000, Azm300.0000°.

Best double couple: NP1:phi=220.00000°, delta65.00000°, lambda107.00000°; NP2:phi=4.00000°, delta57.00000°, lambda57.00000°.

M0: 3.10000x1014. (217) Kamchatka Peninsula. ISC Event type fe. Error ellipse: s-maj=4.4km s-min=6.7km az=-1.0.

DC Error ellipse: s-maj=29.5km s-min=20.5km az=143.0.
 MOS Event type fe. Error ellipse: s-maj=15.8km s-min=8.5km az=91.8. Felt (II-III) at Petropavlovsk-Kamchatski. Moment Tensor Solution.
 ISCJB Event type fe. Error ellipse: s-maj=9.7km s-min=5.1km az=83.9.
 KRSC Event type se.
 NEIC Event type fe. Error ellipse: s-maj=12.6km s-min=8.8km az=147.0. Felt (III) at Petropavlovsk-Kamchatski.

(123) Northern Chile

ISC	IV	19 04 46 18.9-61	22.21S-07	68.87W-09	111-6	3.8b	27	0-146
ISCJB	IV	19 04 46 17.9-61	22.24S-07	68.84W-09	118-6	3.8b		18646160
IDC	IV	19 04 46 18.6-60	22.22S	68.85W	104-5	3.8,3.6b		
NEIC	IV	19 04 46 18.2	22.32S	68.76W	112	4.3,4.0b		
GUC	IV	19 04 46 18.2-64	22.32S	68.76W	112-4	4.3,4.3L		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=16.0km s-min=8.8km az=64.4.
 IDC Error ellipse: s-maj=25.3km s-min=16.1km az=99.0.
 NEIC Event type fe. Felt (III) at Calama. After GUC.
 GUC Error ellipse: s-maj=7.5km s-min=8.7km az=-1.0.
 (161) Off west coast of South Island

WEL	IV	19 06 45 30.8-60	45.39S	166.87E	25-2	4.3L		
NEIC	IV	19 06 45 30.1	45.34S	166.85E	19	4.3L		19967753
WEL	IV	19 06 45 30.8-60	45.39S	166.87E	25-2	4.3L		

Event type fe. Error ellipse: s-maj=5.9km s-min=3.0km az=90.0. Felt in the Fiordland region, maximum reported intensity MM 4.
 NEIC Event type se. After WEL.
 (115) Near coast of Peru

ISC	IV	19 13 03 45.4-66	17.67S-04	70.60W-07	105-7	4.4b	53	3-166
ISCJB	IV	19 13 03 41.9-1.0	17.57S-05	70.45W-09	86-10	4.4b		18320787
BJI	IV	19 13 03 45.4	17.60S	70.50W	103	4.8b		
IDC	IV	19 13 03 45.2-61	17.68S	70.54W	105-4	4.6,4.3		
NEIC	IV	19 13 03 45.5-41	17.56S	70.47W	104	4.5b,4.3		

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=14.8km s-min=7.8km az=146.2.
 IDC Error ellipse: s-maj=12.0km s-min=10.4km az=128.0.
 NEIC Event type fe. Error ellipse: s-maj=12.7km s-min=7.6km az=68.0. Felt (II) at Tacna and Toquepala.
 (162) South Island

WEL	IV	19 15 00 28.4-09	41.93S	173.80E	39-2	3.5L		19967760
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Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=90.0. Felt in the Marlborough region, maximum reported intensity MM 4.
 (122) Near coast of northern Chile

ISC	IV	19 17 49 06.3-88	27.00S-02	71.10W-06	21-6	5.2s,5.0b	157	0-178
IDC	IV	19 17 49 02.6-50	26.96S	70.94W	0	5.1s,5.1		18320797
MOS	IV	19 17 49 03.4-1.4	26.84S	71.08W	10	5.4b,5.2s		
NEIC	IV	19 17 49 04.6	27.07S	71.23W	14	5.3L,5.2b		
HRVD	IV	19 17 49 04.6-10	27.08S	71.52W	20-0	5.7W,5.2b		
GUC	IV	19 17 49 04.6-70	27.07S	71.23W	14-3	5.3L,5.2b		
ISCJB	IV	19 17 49 05.7-69	26.98S-02	71.10W-06	29-4	5.2s,5.0b		
BJI	IV	19 17 49 06.6	27.10S	71.20W	13	5.5s,5.5b		

ISC Event type fe.
 IDC Error ellipse: s-maj=22.0km s-min=14.0km az=86.0.
 MOS Error ellipse: s-maj=14.1km s-min=7.7km az=97.7.
 NEIC Event type fe. Felt (IV) at Copiapo and (III) at Caldera, Chanaral, Inca de Oro, Tierra Amarilla and Valleolar. After GUC.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s80,c139; Mantle waves: s93,c178; Half duration: 1s6 Moment tensor: Scale 10¹⁷Nm; M_{rr}-1.96e-04; M_{θθ}0.31e-03; M_{φφ}-2.27e-04; M_{rr}0.38e-06; M_{θθ}-0.18e-02; M_{φφ}-3.04e-13; Best double couple: NP1:φ₁16.00000°,δ18.00000°,λ111.00000°; NP2:φ₂174.00000°,δ73.00000°,λ83.00000°. Principal axes: T 3.6030,Plg62.0000°,AzM74.0000°; N 0.2590,Plg6.0000°,AzM176.0000°; P -3.8580,Plg28.0000°,AzM270.0000°; M₃3.73100×10¹⁷

GUC Error ellipse: s-maj=1.9km s-min=3.4km az=-1.0.
 ISCJB Event type fe. Error ellipse: s-maj=8.4km s-min=4.0km az=171.2.
 (460) Wyoming

ISC	IV	19 20 03 33.8-70	43.70N-05	105.15W-09	0	4.5b	30	2-61
IDC	IV	19 20 03 31.3-2.1	43.47N	105.31W	0	4.3b,3.9		18813749
ISCJB	IV	19 20 03 33.0-83	43.72N-05	105.22W-10	0	4.5b,3.9		
NEIC	IV	19 20 03 34.5-67	43.68N	105.25W	0	3.3L,3.9		

ISC Event type fm.
 IDC Error ellipse: s-maj=51.8km s-min=8.6km az=154.0.
 ISCJB Event type fm. Error ellipse: s-maj=10.5km s-min=6.4km az=24.6.
 NEIC Event type fm. Error ellipse: s-maj=9.3km s-min=6.4km az=101.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.
 (705) Off west coast of northern Sumatra

ISC	IV	19 20 36 47.8-13	2.64N-02	93.23E-02	24	5.9s,5.6b	949	6-171
IDC	IV	19 20 36 43.0-34	2.63N	93.31E	0	5.7L,5.7s		18320804
CRAAG	IV	19 20 36 43.5	2.88N	93.28E	6	6.0W,5.7b		
SZGRF	IV	19 20 36 44.8	2.22N	93.81E	33	5.7s,5.6b		
ISCJB	IV	19 20 36 45.7-13	2.66N-02	93.24E-02	23	5.9s,5.6b		
NEIC	IV	19 20 36 46.4-13	2.64N	93.23E	17	6.7,6.2W		
BJI	IV	19 20 36 46.7	2.88N	93.11E	22	6.4s,5.9s		
MOS	IV	19 20 36 47.7-1.0	2.73N	93.29E	38	5.8b,5.7s		
HRVD	IV	19 20 36 48.3-10	2.70N	93.22E	17-0	6.2W,5.7s		

ISC Event type fe.
 IDC Error ellipse: s-maj=14.1km s-min=9.0km az=42.0.
 SZGRF Off west coast of northern Sumatra, Indonesia.
 ISCJB Event type fe. Error ellipse: s-maj=3.6km s-min=2.5km az=24.9.
 NEIC Event type fe. Error ellipse: s-maj=5.7km s-min=3.6km az=211.0. Felt (III) on Simeulue and (II) at Banda Aceh. Felt at Langsa. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s22 Moment tensor: Scale 10¹⁸Nm; M_{rr}-0.08; M_{θθ}-1.42; M_{φφ}1.50; M_{rr}0.39; M_{θθ}-1.52; M_{φφ}-0.27; Best double couple: NP1:φ₁112.00000°,δ88.00000°,λ168.00000°; NP2:φ₂202.00000°,δ78.00000°,λ2.00000°. Principal axes: T 2.2200,Plg17.0000°,AzM66.0000°; N -0.1200,Plg78.0000°,AzM283.0000°; P -2.1000,Plg7.0000°,AzM158.0000°; M₂2.00000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ₁105.00000°,δ85.00000°,λ-175.00000°; NP2: φ₂15.00000°,δ85.00000°,λ-5.00000°. Principal axes: T Plg0.0000°,AzM240.0000°; N Plg0.0000°,AzM0.0000°; P Plg7.0000°,AzM330.0000°

MOS Error ellipse: s-maj=7.8km s-min=3.6km az=125.2.
 HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s101,c215; Mantle waves: s108,c408; Half duration: 3s1 Moment tensor: Scale 10¹⁸Nm; M_{rr}-0.44±0.1; M_{θθ}-1.29±0.1; M_{φφ}1.73±0.1; M_{rr}-0.26±0.3; M_{θθ}-1.80±0.1; M_{φφ}-0.94±0.4; Best double couple: NP1:φ₁110.00000°,δ66.00000°,λ-176.00000°; NP2: φ₂19.00000°,δ86.00000°,λ-24.00000°. Principal axes: T 2.7480,Plg13.0000°,AzM67.0000°; N -0.3950,Plg66.0000°,AzM189.0000°; P -2.3550,Plg19.0000°,AzM332.0000°; M₂2.55100×10¹⁸

(306) Xizang

ISC	IV	19 21 05 40.8-12	31.59N-02	90.45E-02	18	5.6s,5.1b	570	2-162
IDC	IV	19 21 05 37.5-50	31.50N	90.49E	0	5.3s,5.2		110697871
ISCJB	IV	19 21 05 38.6-13	31.58N-02	90.44E-02	17	5.6s,5.1b		
LDG	IV	19 21 05 38.2-23	31.88N	90.21E	10-0	5.4b,5.1b		
SZGRF	IV	19 21 05 39.8	31.28N	90.59E	18	5.2b,5.1b		
MOS	IV	19 21 05 39.3-94	31.50N	90.33E	24	5.4b,5.3s		
CRAAG	IV	19 21 05 40.7	31.58N	90.48E	5	5.3b,5.3s		
BJI	IV	19 21 05 40.6	31.62N	90.59E	32	5.9s,5.9b		
NEIC	IV	19 21 05 43.0-2.5	31.61N	90.41E	33-17	5.7s,5.2b		
HRVD	IV	19 21 05 43.0-10	31.61N	90.67E	23-0	5.7W,5.2b		

ISC Event type de.
 IDC Error ellipse: s-maj=18.0km s-min=12.1km az=48.0.
 ISCJB Event type de. Error ellipse: s-maj=3.0km s-min=2.4km az=8.2.
 LDG Event type ke. Error ellipse: s-maj=10.8km s-min=3.9km az=116.0.
 SZGRF Xizang.
 MOS Error ellipse: s-maj=7.3km s-min=3.9km az=121.8.
 NEIC Event type de. Error ellipse: s-maj=6.7km s-min=4.0km az=223.0. Some buildings destroyed and many damaged in Baingoin.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s27,c41; Mantle waves: s104,c230; Half duration: 1s7 Moment tensor: Scale 10¹⁷Nm; M_{rr}-0.49±0.09; M_{θθ}-3.66±0.7; M_{φφ}4.15±0.7; M_{rr}0.56±1.2; M_{θθ}1.48±0.5; M_{φφ}0.42±1.1; Best double couple: NP1:φ₁325.00000°,δ80.00000°,λ-179.00000°; NP2:φ₂235.00000°

,δ89.00000°,λ-10.00000°. Principal axes: T 4.4740,Plg6.0000°,AzM281.0000°; N -0.4810,Plg80.0000°,AzM47.0000°; P -3.9970,Plg8.0000°,AzM190.0000°; M₂2.36000×10¹⁷

(347) Western Iran

ISC	IV	19 23 13 41.3-23	33.66N-03	48.76E-03	10	4.1b,3.4s	181	1-81
TEH	IV	19 23 12 32.1	33.52N	48.85E	18	4.2L,3.4s		19791277
CSEM	IV	19 23 13 38.8-07	33.42N	48.70E	18	4.5b,3.4s		
IDC	IV	19 23 13 39.0-1.7	33.65N	48.78E	0	3.9,3.9		
ISCJB	IV	19 23 13 39.7-23	33.70N-02	48.73E-03	10	4.1b,3.4s		
MOS	IV	19 23 13 40.7-1.3	33.40N	48.72E	33	4.5b,3.4s		
THR	IV	19 23 13 40.9-30	33.75N	48.93E	14-3	4.2L,3.4s		
NEIC	IV	19 23 13 43.0	33.52N	48.85E	18	4.4b,4.2		

ISC Event type fe.
 CSEM Event type ke. Error ellipse: s-maj=2.4km s-min=1.9km az=41.0.
 IDC Error ellipse: s-maj=33.6km s-min=20.1km az=165.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.6km s-min=3.3km az=60.7.
 MOS Error ellipse: s-maj=12.0km s-min=5.9km az=114.8.
 THR Error ellipse: s-maj=0.9km s-min=1.6km az=-1.0.
 NEIC Event type fe. Felt at Doroud. After TEH.
 (135) Near coast of central Chile

GUC	IV	20 03 39 47.6-70	32.71S	71.63W	52-4	4.3,4.2L		
NEIC	IV	20 03 39 47.6	32.71S	71.63W	52	4.3,4.2L		18646216
GUC	IV	20 03 39 47.6	32.71S	71.63W	52-4	4.3,4.2L		

Error ellipse: s-maj=1.2km s-min=2.9km az=-1.0.
 Event type fe. Felt (III) at Puchuncavi and Quillota; (II) at Valparaiso and Vina de Mar. After GUC.
 (227) Eastern Honshu

ISC	IV	20 03 40 20.2-32	36.23N-03	139.81E-04	65-2	4.3b	104	0-153
NIED	IV	20 03 40 00	36.30N	139.80E	62	4.2W		110697880
MOS	IV	20 03 40 18.6-71	36.19N	139.82E	71	4.4b		
ISCJB	IV	20 03 40 19.1-33	36.22N-03	139.81E-04	72-2	4.3b		
BJI	IV	20 03 40 19.1	36.35N	139.94E	76	4.5b,4.5b		
JMA	IV	20 03 40 20.7-10	36.23N	139.78E	58-1	4.3,4.5b		
IDC	IV	20 03 40 20.8-1.1	36.14N	139.79E	71-10	4.2,4.0		
NEIC	IV	20 03 40 20.9-90	36.22N	139.75E	69-7	4.5b,4.2W		

ISC Event type fe.
 Moment Tensor Solution. Best double couple: NP1:φ₁171.00000°,δ81.00000°,λ-69.00000°; NP2:φ₂283.00000°,δ23.00000°,λ-157.00000°; M₂2.23000×10¹⁵
 Error ellipse: s-maj=16.0km s-min=8.7km az=122.5.
 Event type fe. Error ellipse: s-maj=6.1km s-min=4.4km az=60.5.
 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ₁258.00000°,δ19.00000°,λ167.00000°; NP2:φ₂0.00000°,δ86.00000°,λ71.00000°. Principal axes: T Plg46.0000°,AzM251.0000°; N Plg19.0000°,AzM2.0000°; P Plg38.0000°,AzM107.0000°
 IDC Error ellipse: s-maj=15.0km s-min=7.4km az=62.0.
 NEIC Event type fe. Error ellipse: s-maj=9.0km s-min=7.5km az=81.0. Felt in Kanto and in parts of southern Tohoku. Recorded [3 JMA] in Ibaraki, Saitama and Tochigi; [2 JMA] in Chiba, Fukushima, Gumma and Tokyo; [1 JMA] in Kanagawa, Nagano and Yamanashi Prefectures. Moment Tensor Solution. M₂2.20000×10¹⁵

(238) Ryukyu Islands

ISC	IV	20 09 48 47.2-99	28.82N-04	130.05E-09	25-7	4.0s,4.0b	33	1-84
NIED	IV	20 09 48 00	28.90N	129.90E	32	4.3W,4.0b		18564753
IDC	IV	20 09 48 43.1-82	28.78N	130.27E	0	4.1,3.9		
ISCJB	IV	20 09 48 46.3-1.1	28.79N-04	130.14E-09	33-7	4.0s,4.0b		
NEIC	IV	20 09 48 47.9	28.85N	129.88E	32	4.1b,4.0b		
JMA	IV	20 09 48 47.9-10	28.85N	129.88E	32	4.3,4.0b		
BJI	IV	20 09 48 50.0	29.00N	129.70E	23	4.7b,4.3b		

ISC Event type fe.
 Moment Tensor Solution. Best double couple: NP1:φ₁204.00000°,δ66.00000°,λ-72.00000°; NP2:φ₂345.00000°,δ30.00000°,λ-125.00000°; M₂

WEL Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=90.0. Felt Bay of Plenty, maximum reported intensity MM 4.

NEIC Event type fe. Felt at Edgecumbe and Whakatane. After WEL.

(460) Wyoming

ISC IV 22 19 01 14.6-70 43.73N-07 105.19W-08 0 19 1-20

ISCJB IV 22 19 01 12.1-84 43.72N-07 105.02W-10 0

IDC IV 22 19 01 13.2-2.0 43.48N 105.33W 0 3.5,3.3

NEIC IV 22 19 01 14.2-89 43.61N 105.14W 0 3.1L,3.3

ISC Event type fm.

ISCJB Event type fm. Error ellipse: s-maj=12.3km s-min=7.2km az=92.4.

IDC Error ellipse: s-maj=43.0km s-min=7.5km az=151.0.

NEIC Event type fm. Error ellipse: s-maj=16.4km s-min=7.5km az=144.0. 80 km [50 miles] WSW of Newcastle. Suspected Mining explosion.

(145) Southern Chile-Argentina border region

ISC IV 23 05 14 27.6-48 39.46S-03 72.20W-08 98-5 3.7b 51 1-160

IDC IV 23 05 14 24.7-5.0 39.50S 72.25W 74-40 4.1L,3.9

ISCJB IV 23 05 14 26.6-49 39.42S-03 72.17W-08 103-5 3.7b,3.9

NEIC IV 23 05 14 26.0 39.60S 71.88W 70-5 3.9b,3.9

GUC IV 23 05 14 26.0-77 39.60S 71.88W 70-0 4.9L,3.9

ISC Event type fe.

IDC Error ellipse: s-maj=36.3km s-min=23.9km az=80.0.

ISCJB Event type fe. Error ellipse: s-maj=10.4km s-min=4.8km az=8.2.

NEIC Event type fe. Felt [III] at Valdivia and [II] at Temuco and Villarrica. After GUC.

GUC Error ellipse: s-maj=4.2km s-min=7.1km az=-1.0.

(377) Spain

ISC IV 23 05 31 34.7-22 43.669N-01 8.92W-03 10 3.9b,3.4s 742 1-73

ISCJB IV 23 05 31 32.8-23 43.71N-01 8.83W-03 10 3.9b,3.4s

MOS IV 23 05 31 33.6-1.1 43.80N 8.81W 10 4.1b,3.4s

IDC IV 23 05 31 33.9-93 43.69N 8.94W 0 4.7L,4.0

MDD IV 23 05 31 34.7-67 43.76N 9.12W 11-0 4.8,4.0

CSEM IV 23 05 31 34.1-07 43.83N 9.05W 10 5.1L,4.1b

NEIC IV 23 05 31 34.8 43.74N 9.08W 0 5.0,4.2b

CNRM IV 23 05 31 35.7 43.31N 9.36W 38 4.7,4.2b

LDG IV 23 05 31 36.3-25 43.71N 9.00W 15-0 5.0L,4.2b

SFSG IV 23 05 31 36.0 43.66N 9.03W 0 5.0L,4.2b

IGIL IV 23 05 31 37.3 43.60N 9.10W 10 4.5L,4.2b

INMG IV 23 05 31 37.6-1.3 43.62N 9.01W 9-3 4.8L,4.2b

BGS IV 23 05 31 38.5-27 43.96N 8.70W 10-0 5.1b,4.2b

STR IV 23 05 31 41.2-4.6 44.07N 8.45W 10-1 4.8L,4.2b

SZGRF IV 23 05 31 56.9 44.53N 6.95W 10 4.8L,4.2b

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=2.8km s-min=1.6km az=1.9.

MOS Error ellipse: s-maj=5.1km s-min=3.3km az=140.3.

IDC Error ellipse: s-maj=19.6km s-min=14.9km az=57.0.

MDD Event type fe. Error ellipse: s-maj=7.3km s-min=3.5km az=119.0. EMS: IV A A ARES BERGONDO FERROL, PRXIMO IV MALPICA PONTEDEUME III-IV BETANZOS CEDEIRA CULLEREDO III-IV LAXE MUGARDOS OLEIROS SADA III BOIRO CARBALLO O CARRAL III N FENE LARACHA MUXIA III N ORDOS ORTIGUEIRA III OZA DOS OS PONTES DE GARCA GUEZ III PUEBLA DEL AL RIANXO III SAN MARCOS SANTIAGO DE COMPOSTELA II-III BUEU BURELA CAMBRE N II-III FOZ LUGO MEIRA MELIDE II-III MUROS NEGREIRA NOJA N II-III PAZO DE IRIXO VIMIANZO II S BARRES PONTEVEDRA VIVEIRO.

CSEM Event type ke. Error ellipse: s-maj=1.8km s-min=0.9km az=108.0.

NEIC Event type fe. Felt [IV] at A Coruna, Ares, Bergondo, Betanzos, Cedeira, Culleredo, Ferrol, Malpica, Mugardos, Oleiros and Sada; [III] at Boiro, Bueu, Burela, Cambre, Carballo, Carino, Carral, Castrollon, Corcubion, Fene, Foz, Laracha, Lugo, Meira, Melide, Muros, Muxia, Negreira, Nigran, Ordos, Ortigueira, Oza de los Rios, Padron, Pontes de Garcia Rodriguez, Puebla del Carmalinal, San Marcos, Santiago de Compostela and Vimianzo; [II] at Aviles, Barres, Pontevedra and Viveiro. After MDD.

LDG Event type ke. Error ellipse: s-maj=6.3km s-min=2.5km az=114.0.

INMG Event type ke. Error ellipse: s-maj=4.9km s-min=2.3km az=123.0.

BGS Error ellipse: s-maj=6.9km s-min=12.5km az=-1.0.

STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0.

SZGRF North Atlantic Ocean.

(377) Spain

MDD IV 23 05 41 22.3-66 43.71N 9.06W 10-0 3.4

MOS IV 23 05 41 19.4-74 43.84N 8.94W 10 3.7b

LDG IV 23 05 41 22.6-15 43.71N 9.06W 8-0 3.5L

CSEM IV 23 05 41 23.5-14 43.67N 8.93W 10 3.6L

IGIL IV 23 05 41 23.7 43.70N 9.10W 24 3.0L

NEIC IV 23 05 41 23.6 43.65N 9.01W 10 3.4

INMG IV 23 05 41 24.2-1.1 43.63N 9.00W 9-2 3.2L

MDD Event type fe. Error ellipse: s-maj=7.3km s-min=3.1km az=116.0. EMS: II A CARBALLO, PRXIMO II O CEDEIRA CULLEREDO II FENE FERROL FOZ LUGO OLEIROS II OZA DOS OS PUEBLA DEL AL SADA.

MOS Error ellipse: s-maj=8.9km s-min=5.4km az=148.2.

LDG Event type ke. Error ellipse: s-maj=3.4km s-min=1.4km az=111.0.

CSEM Event type ke. Error ellipse: s-maj=3.3km s-min=1.3km az=109.0.

NEIC Event type fe. Felt [II] at A Coruna, Carballo, Carino, Cedeira, Culleredo, Fene, Ferrol, Foz, Lugo, Oleiros, Oza de los Rios, Puebla del Carmalinal and Sada. After MDD.

INMG Event type ke. Error ellipse: s-maj=3.9km s-min=2.2km az=119.0.

(163) Cook Strait

ISC IV 23 14 16 31.9-32 41.05S-03 174.76E-04 43-5 3.1b 74 0-40

IDC IV 23 14 16 27.1-4.2 40.05S 174.80E 0 3.7L,3.6

ISCJB IV 23 14 16 31.4-35 41.04S-03 174.76E-04 47-4 3.1b,3.6

NEIC IV 23 14 16 31.1 40.97S 174.76E 39 3.8L,3.6

WEL IV 23 14 16 32.0-08 40.99S 174.76E 36-0 3.8L,3.6

ISC Event type fe.

IDC Error ellipse: s-maj=92.0km s-min=31.6km az=63.0.

ISCJB Event type fe. Error ellipse: s-maj=5.5km s-min=3.9km az=108.2.

NEIC Event type fe. Felt in the Wellington area. After WEL.

WEL Event type fe. Error ellipse: s-maj=0.8km s-min=0.7km az=90.0. Felt in the Wellington region, maximum reported intensity MM 4.

(398) Sicily

ISC IV 23 14 42 38.7-32 37.07N-02 15.15E-02 26-2 3.4b 198 0-73

LDG IV 23 14 42 36.1-25 36.65N 12.75E 10-0 4.7b

CSEM IV 23 14 42 37.3-09 37.03N 15.08E 30 3.4

ISCJB IV 23 14 42 38.0-31 37.08N-03 15.25E-03 36-4 3.4b

ROM IV 23 14 42 38.1-13 37.04N 15.05E 24-1 3.9L,3.4

PDG IV 23 14 42 38.1-84 37.02N 15.17E 27-1 3.9L,3.4

NEIC IV 23 14 42 38.1 37.04N 15.05E 24 3.9L,3.4

MOS IV 23 14 42 39.3-1.4 37.62N 14.61E 23 3.8b,3.4

THE IV 23 14 42 39.4 37.24N 15.20E 29 4.5L,3.4

IDC IV 23 14 42 40.1-2.0 37.15N 14.97E 35-15 3.6L,3.5

ISC Event type fe.

LDG Event type ke. Error ellipse: s-maj=14.1km s-min=5.4km az=64.0.

CSEM Event type ke. Error ellipse: s-maj=2.1km s-min=1.5km az=145.0.

ISCJB Event type fe. Error ellipse: s-maj=4.6km s-min=3.2km az=136.0.

ROM Event type ke. Error ellipse: s-maj=3.0km s-min=1.9km az=57.0.

PDG Error ellipse: s-maj=2.7km s-min=2.1km az=-1.0.

NEIC Event type fe. Felt at Palagonia. After ROM.

MOS Error ellipse: s-maj=9.8km s-min=5.7km az=77.6.

IDC Error ellipse: s-maj=22.3km s-min=18.1km az=144.0.

(230) Near south coast of eastern Honshu

ISC IV 23 14 50 25.3-38 35.30N-04 140.03E-04 68-4 3.6b 44 0-66

NIED IV 23 14 50 00 35.30N 140.10E 62 3.7W

MOS IV 23 14 50 21.8-1.4 35.26N 140.24E 57 4.4b

ISCJB IV 23 14 50 24.4-39 35.28N-04 140.03E-05 75-3 3.6b

NEIC IV 23 14 50 24.9-1.7 35.22N 140.00E 62-15 4.2b

JMA IV 23 14 50 24.9-20 35.35N 140.05E 69-2 3.8

IDC IV 23 14 50 25.8-1.5 35.24N 139.95E 70-16 3.7,3.5

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=313.00000°,δ54.00000°,λ-119.00000°. NP2:φ=176.00000°,δ45.00000°,λ-57.00000°. M4:37000×10¹⁴

MOS Error ellipse: s-maj=23.6km s-min=13.2km az=114.6.

ISCJB Event type fe. Error ellipse: s-maj=7.4km s-min=4.9km az=82.8.

NEIC Event type fe. Error ellipse: s-maj=19.8km s-min=13.4km az=111.0. Felt at Zushi.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=181.00000°,δ32.00000°,λ-55.00000°. NP2:φ=322.00000°,δ64.00000°,λ-109.00000°. Principal axes: T P1g17.0000°,AzM66.0000°; N P1g17.0000°,AzM330.0000°; P P1g65.0000°,AzM198.0000°

IDC Error ellipse: s-maj=27.6km s-min=11.3km az=85.0.

(546) Austria

ISC IV 23 16 21 37.4-17 46.09N-01 13.59E-01 13-1 259 0-7

PRU IV 23 16 21 35.4 46.06N 13.56E 0

ROM IV 23 16 21 35.3-32 46.11N 13.76E 0 5-2 3.2,3.1L

LJU IV 23 16 21 36.6 46.09N 13.59E 18 2.7L,3.1L

ISCJB IV 23 16 21 37.5-19 46.07N-01 13.54E-02 17-2 2.7L,3.1L

LDG IV 23 16 21 37.3-10 46.03N 13.66E 10-0 3.0L,3.1L

NEIC IV 23 16 21 37.0-52 46.04N 13.59E 8-4 3.3L,3.1L

SZGRF IV 23 16 21 37.6 46.04N 13.59E 10 3.0b,3.1L

CSEM IV 23 16 21 40.5-06 46.01N 13.61E 40 3.1L,3.1L

STR IV 23 16 21 43.6-48 46.23N 13.01E 10-1 3.3L,3.1L

ISC Event type fe.

ROM Event type ke. Error ellipse: s-maj=6.8km s-min=2.8km az=166.0.

ISCJB Event type fe. Error ellipse: s-maj=2.5km s-min=1.7km az=-4.1.

LDG Event type ke. Error ellipse: s-maj=2.6km s-min=2.3km az=55.0.

NEIC Event type fe. Error ellipse: s-maj=3.4km s-min=2.7km az=53.0. Felt [IV] at Anhovo, Nova Gorica and Tolmin.

SZGRF Ionian Sea.

CSEM Event type ke. Error ellipse: s-maj=1.9km s-min=1.3km az=94.0.

STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.

(224) Hokkaido region

ISC IV 23 17 30 09.1-32 41.92N-03 142.33E-04 67-3 3.6b 67 0-71

NIED IV 23 17 30 00 41.90N 142.30E 62 3.8W

JMA IV 23 17 30 08.8-20 41.91N 142.32E 68-3 3.6

ISCJB IV 23 17 30 08.1-33 41.90N-03 142.34E-04 73-3 3.6b

MOS IV 23 17 30 08.1-1.0 41.91N 142.47E 78 4.1b

IDC IV 23 17 30 09.7-2.0 41.94N 142.35E 71-15 3.7,3.5

NEIC IV 23 17 30 10.8-7.1 41.91N 142.35E 83-7 3.8b,3.5

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=100.00000°,δ73.00000°,λ29.00000°. NP2:φ=2.00000°,δ63.00000°,λ161.00000°. M5:43000×10¹⁴

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.

ISCJB Event type fe. Error ellipse: s-maj=6.1km s-min=3.4km az=85.0.

MOS Error ellipse: s-maj=18.7km s-min=8.7km az=75.4.

IDC Error ellipse: s-maj=21.8km s-min=14.1km az=113.0.

NEIC Event type fe. Error ellipse: s-maj=12.8km s-min=6.7km az=111.0. Recorded [1 JMA] in the Chitose area and in southwestern Hokkaido. Also recorded [1 JMA] in Aomori Prefecture, Honshu.

(460) Wyoming

ISC IV 23 20 00 42.0-45 43.81N-03 105.20W-06 0 4.1b 48 1-90

ISCJB IV 23 20 00 40.8-48 43.75N-03 105.26W-06 0 4.1b

IDC IV 23 20 00 40.5-1.8 43.59N 105.29W 0 4.0b,4.0

NEIC IV 23 20 00 42.3-39 43.77N 105.24W 0 3.5L,4.0

ISC Event type fm.

ISCJB Event type fm. Error ellipse: s-maj=6.6km s-min=4.6km az=49.7.

IDC Error ellipse: s-maj=49.5km s-min=8.2km az=151.0.

NEIC Event type fm. Error ellipse: s-maj=5.1km s-min=4.3km az=110.0. 60 km [40 miles] SSE of Gillette. Suspected Mining explosion.

(77) Off coast of Costa Rica

ISC IV 24 03 38 04.6-1.7 8.85N-06 83.95W-05 11-11 3.9b,3.7s 53 1-88

ISCJB IV 24 03 38 04.0-1.2 8.80N-07 83.89W-05 19-8 3.9b,3.7s

IDC IV 24 03 38 03.4-2.9 9.20N 83.71W 0 4.0,3.8

NEIC IV 24 03 38 03.3-7.3 8.74N 84.11W 12-46 4.6b,4.5L

CASC IV 24 03 38 05.7-3.8 9.01N 83.95W 0-6 4.6b,4.4

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=13.5km s-min=5.7km az=63.0.

IDC Error ellipse: s-maj=83.0km s-min=24.5km az=29.0.

NEIC Event type fe. Error ellipse: s-maj=25.8km s-min=12.2km az=49.0. Felt at Buenos Aires, Herradura, Palmar, Quepos, San Antonio and Santo Domingo.

CASC Error ellipse: s-maj=9.9km s-min=7.9km az=-1.0.

(226) Near west coast of eastern Honshu

ISC IV 24 04 28 14.9-16 38.31N-02 139.73E-03 156 4.8b 403 0-147

NIED IV 24 04 28 00 38.30N 139.80E 155 4.9W

SZGRF IV 24 04 28 04.5 38.67N 139.51E 33 5.0b

BJI IV 24 04 28 11.9 38.28N 139.82E 158 5.0b,4.9b

ISCJB IV 24 04 28 13.7-15 38.34N-02 139.71E-03 154 4.8b,4.9b

MOS IV 24 04 28 13.4-86 38.46N 139.62E 146 4.8b,4.9b

NEIC IV 24 04 28 14.3 38.29N 139.83E 154 4.9W,4.7b

JMA IV 24 04 28 14.3-10 38.29N 139.83E 154-1 4.8,4.7b

HRVD IV 24 04 28 14.3-40 38.31N 139.82E 159-3 5.0W,4.7b

IDC IV 24 04 28 15.1-48 38.24N 139.72E 158-4 4.8,4.5

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=322.00000°,δ74.00000°,λ-26.00000°. NP2:φ=60.00000°,δ65.00000°,λ-163.00000°. M2:49000×10¹⁶

SZGRF Near west coast of eastern Honshu, Japan.

ISCJB Event type fe. Error ellipse: s-maj=3.6km s-min=2.7km az=117.5.

MOS Error ellipse: s-maj=8.4km s-min=4.7km az=109.1.

NEIC Event type fe. Recorded [2 JMA] in Fukushima and Ibaraki; [1 JMA] in Chiba, Iwate, Miyagi, Saitama and Tochigi Prefectures. After JMA. Moment Tensor Solution. M2:50000×10¹⁶

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=75.00000°,δ31.00000°,λ-168.00000°. NP2:φ=335.00000°,δ84.00000°,λ-60.00000°. Principal axes: T P1g32.0000°,AzM40.0000°; N P1g30.0000°,AzM151.0000°; P P1g43.0000°,AzM274.0000°

HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s15,c18; Mantle waves: s65,c9H; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=0.89; 10 Mrr=3.20±11; Mθθ=2.31±10; Mφφ=0.22±09; Mθφ=0.66±12; Mφr=1.40±08; Best double couple: NP1:φ=317.00000°,δ68.00000°,λ-22.00000°. NP2:φ=56.00000°,δ69.00000°,λ-156.00000°. Principal axes: T 3.2790,P1g1.0000°,AzM187.0000°; N -0.0340,P1g59.0000°,AzM95.0000°; P -3.2400,P1g31.0000°,AzM277.0000° M3:25900×10¹⁶

IDC Error ellipse: s-maj=10.4km s-min=7.0km az=108.0.

(236) Shikoku

JMA IV 24 12 19 28.2 33.35N 132.36E 43 3.7

NIED IV 24 12 19 00 33.30N 132.40E 44 3.6W

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=318.00000°,δ17.00000°,λ-162.00000°. NP2:φ=210.00000°,δ85.00000°,λ-74.00000°. Principal axes: T P1g38.0000°,AzM286.0000°; N P1g16.0000°,AzM29.0000°; P P1g48.0000°,AzM137.0000°

NIED Moment Tensor Solution. Best double couple: NP1:φ=164.00000°,δ70.00000°,λ-87.00000°. NP2:φ=336.00000°,δ20.00000°,λ-98.00000°. M2:95000×10¹⁴

(216) Mariana Islands

ISC IV 24 13 10 11.3-70 13.68N-10 144.7E-20 135-6 3.7b 16 0-148

ISCJB IV 24 13 10 09.9-77 13.6N-10 144.6E-20 137-7 3.7b

IDC IV 24 13 10 11.1-57 13.70N 144.72E 135-4 3.9,3.7

NEIC IV 24 13 10 11.4-54 13.67N 144.67E 138 4.4b,3.7

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=31.3km s-min=16.5km az=8.8.

IDC Error ellipse: s-maj=25.5km s-min=13.9km az=93.0.

NEIC Event type fe. Error ellipse: s-maj=24.0km s-min=12.8km az=98.0. Felt at Andersen AFB, Santa Rita and Tamuning.

(286) Flores region

ISC IV 24 13 32 39.9-16 8.30S-02 119.63E-03 175 5.2b 318 2-170

CSEM IV 24 13 32 33.1 8.15S 119.70E 116 5.5b

MOS IV 24 13 32 36.9-1.1 8.10S 119.68E 160 5.3b

ISCJB IV 24 13 32 37.9-1.6 8.27S-02 119.65E-03 173 5.2b

BJI IV 24 13 32 39.2 8.20S 119.70E 187 5.2b,5.0b

IDC IV 24 13 32 43.0-52 8.16S 119.75E 206-4 5.3,4.8b

NEIC IV 24 13 32 43.3-15 8.21S 119.68E 208 5.3b,4.8b

HRVD IV 24 13 32 43.3-10 8.43S 119.66E 189-1 5.4W,4.8b

ISC Event type fe.

MOS Error ellipse: s-maj=9.8km s-min=5.6km az=110.2.

ISCJB Event type fe. Error ellipse: s-maj=4.9km s-min=3.0km az=136.6.

IDC Error ellipse: s-maj=7.8km s-min=5.2km az=57.0.

NEIC Event type fe. Error ellipse: s-maj=7.7km s-min=4.3km az=65.0. Felt [III] at Labuanbajo, Flores and [II] at Waingapu, Sumba.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s81,c145; Mantle waves: s95,c187; Half duration: 1s2 Moment tensor: Scale 10¹⁷Nm; Mr=0.78±02 Mθθ=0.19±02; Mφφ=0.92±02; Mθφ=0.49±02; Mφr=0.46±02; Best double couple: NP1:φ=189.00000°,δ34.00000°,λ144.00000°. NP2:φ=310.00000°

δ71.00000°; λ62.00000°. Principal axes: T 1.4480,Plg55.0000°,AzM184.0000°; N -0.0180,Plg27.0000°,AzM320.0000°; P -1.4300,Plg21.0000°,AzM61.0000°; M₁ 4.3900×10¹⁷

(76) Off coast of central America

ISC	IV	24 21 10 13.5-30	12.74N-05	88.06W-04	69-4	4.6b	110	1-163
CASC	IV	24 21 10 12.2-2.5	12.62N	88.18W	39-173	5.2L,4.8b	¶10698085	
ISCJB	IV	24 21 10 12.2-32	12.70N-05	88.10W-04	75-4	4.6b,4.8b		
IDC	IV	24 21 10 12.2-62	12.82N	87.90W	56-4	4.7,4.5		
NEIC	IV	24 21 10 14.7-66	12.64N	88.14W	89-7	5.5,4.8b		
MOS	IV	24 21 10 14.6-1.4	12.68N	88.11W	98	4.9b,4.8b		
BJI	IV	24 21 10 14.6	12.60N	88.10W	87	5.2s,5.2b		
HRVD	IV	24 21 10 14.7-40	12.36N	88.41W	52-1	5.1W,5.2b		
SZGRF	IV	24 21 10 26.0	12.81N	89.41W	33	4.5b,5.2b		

ISC Event type fe.
 CASC Error ellipse: s-maj=13.5km s-min=8.5km az=1.0.
 ISCJB Event type fe. Error ellipse: s-maj=9.6km s-min=3.1km az=68.7.
 IDC Error ellipse: s-maj=20.6km s-min=8.4km az=52.0.
 NEIC Event type fe. Error ellipse: s-maj=9.3km s-min=5.7km az=221.0. Felt [III] at San Salvador. Felt at Ahuachapan, Santo Tomas and Tonacatepeque.
 MOS Error ellipse: s-maj=17.3km s-min=10.5km az=131.4.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s66,c96; Mantle waves: s56,c79; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M₁ 4.65±.20 M₂ 3.93±.17; M₃ 0.71±.24; M₄ 0.66±.16; M₅ 3.37±.15; M₆ 0.88±.19; Best double couple: NP1:φ₁295.00000°,λ142.00000°,NP2:φ₂129.00000°,λ81.00000°; Principal axes: T 4.7920,Plg81.0000°,AzM83.0000°; N 1.3670,Plg7.0000°,AzM303.0000°; P -6.1530,Plg5.0000°,AzM213.0000°; M₁ 5.47200×10¹⁶

SZGRF Off coast of central America.

(226) Near west coast of eastern Honshu

ISC	IV	24 23 18 21.8-56	37.35N-03	138.86E-06	17-4	3.9b	18	0-55
NIED	IV	24 23 18 00	37.40N	138.90E	5	3.6W	¶19261159	
ISCJB	IV	24 23 18 21.6-62	37.38N-04	138.90E-07	22-6	3.9b		
JMA	IV	24 23 18 22.2	37.37N	138.87E	12-1	3.6		
NEIC	IV	24 23 18 24.9-2.7	37.19N	138.84E	38-35	3.8b		

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ₁194.00000°,δ50.00000°,λ77.00000°; NP2:φ₂34.00000°,δ42.00000°,λ105.00000°; M₁ 2.49000×10¹⁴
 ISCJB Event type fe. Error ellipse: s-maj=8.9km s-min=6.3km az=178.5.
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ₁69.00000°,δ45.00000°,λ142.00000°. NP2:φ₂188.00000°,δ64.00000°,λ52.00000°. Principal axes: T Plg54.0000°,AzM50.0000°; N Plg34.0000°,AzM207.0000°; P Plg11.0000°,AzM304.0000°

NEIC Event type se. Error ellipse: s-maj=46.7km s-min=26.4km az=138.0.

(73) El Salvador

ISC	IV	25 04 51 25.6-35	13.79N-08	88.43W-06	35	4.2b	40	0-64
IDC	IV	25 04 51 00.4-17	11.63N	89.56W	0	4.2,4.0b	¶19856702	
CASC	IV	25 04 51 21.4-2.2	13.58N	88.60W	1-2	4.2,2.4b		
ISCJB	IV	25 04 51 24.2-35	13.89N-07	88.39W-06	33	4.2b,4.2b		
NEIC	IV	25 04 51 27.2-1.5	13.39N	88.44W	78-14	4.2b,3.6		

ISC Event type fe.
 IDC Error ellipse: s-maj=385.7km s-min=91.4km az=161.0.
 CASC Error ellipse: s-maj=11.1km s-min=5.9km az=1.0.
 ISCJB Event type fe. Error ellipse: s-maj=12.6km s-min=3.2km az=72.2.
 NEIC Event type fe. Error ellipse: s-maj=29.9km s-min=10.1km az=50.0. Felt [IV] at Zapotillo.

(135) Near coast of central Chile

GUC	IV	25 14 41 21.0-91	32.41S	71.12W	62-4	3.7,3.5L		
NEIC	IV	25 14 41 21.0	32.41S	71.12W	62	3.7,3.5L	¶18646572	

GUC Error ellipse: s-maj=1.9km s-min=3.8km az=1.0.
 NEIC Event type fe. Felt [II] at Cabildo, La Ligua, Llaillay and Petorca. After GUC.

(73) El Salvador

ISC	IV	25 17 16 13.3-43	13.69N-07	88.32W-05	43-7	4.5b,3.8s	79	0-140
CASC	IV	25 17 16 07.6-3.2	13.61N	88.52W	1-3	4.6L,4.5	¶18321152	
ISCJB	IV	25 17 16 12.1-43	13.72N-07	88.32W-05	49-7	4.5b,3.8s		
IDC	IV	25 17 16 12.6-4.0	13.58N	88.35W	50-45	4.3,4.3		
NEIC	IV	25 17 16 13.8-1.0	13.70N	88.29W	51-12	4.5,4.5b		
BJI	IV	25 17 16 13.7	13.70N	88.30W	50	4.7b,4.5b		

ISC Event type fe.
 CASC Error ellipse: s-maj=12.7km s-min=7.0km az=1.0.
 ISCJB Event type fe. Error ellipse: s-maj=12.8km s-min=4.2km az=60.6.
 IDC Error ellipse: s-maj=61.2km s-min=34.0km az=34.0.
 NEIC Event type fe. Error ellipse: s-maj=12.3km s-min=7.4km az=53.0. Felt [V] in the Berlin-Mercedes Umana area.

(705) Off west coast of northern Sumatara

ISC	IV	25 18 26 19.4-12	2.00N-02	97.03E-02	33	6.2s,5.8b	879	2-169
BJI	IV	25 18 26 16.1	2.01N	96.99E	22	6.6s,6.4s	¶18321157	
MOS	IV	25 18 26 17.7-98	2.08N	97.04E	33	6.0b,6.0s		
CRAAG	IV	25 18 26 17.7	2.06N	97.08E		6.1W,6.0s		
NEIC	IV	25 18 26 17.1-11	1.99N	97.00E	21	6.1,6.1W		
HRVD	IV	25 18 26 17.1-10	1.78N	96.77E	12	6.3W,6.1W		
ISCJB	IV	25 18 26 17.1-12	2.02N-02	97.06E-02	30	6.2s,5.8b		
IDC	IV	25 18 26 17.0-2.4	1.94N	96.99E	21-14	6.1s,6.1		
SZGRF	IV	25 18 26 19.0	1.61N	96.40E	33	6.1s,5.6b		

ISC Event type fe.
 MOS Error ellipse: s-maj=7.4km s-min=3.8km az=121.9.
 NEIC Event type fe. Error ellipse: s-maj=4.6km s-min=3.1km az=26.0. Felt [III] at Gunungstoli. Felt at Medan and Sibolga, Sumatra and at Sinabang, Simelue. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s16 Moment tensor: Scale 10¹⁸Nm; M₁ 1.21 M₂ 0.91 M₃ 0.29 M₄ 0.38 M₅ 0.50 M₆ 0.88 Best double couple: NP1:φ₁122.00000°,δ72.00000°,λ92.00000°. NP2: φ₂297.00000°,δ18.00000°,λ85.00000°. Principal axes: T 2.0400,Plg63.0000°,AzM35.0000°; N -0.0200,Plg2.0000°,AzM301.0000°; P -2.0200,Plg27.0000°,AzM211.0000°; M₁ 2.00000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ₁305.00000°,δ5.00000°,λ90.00000°. NP2:φ₂125.00000°,δ85.00000°,λ90.00000°. Principal axes: T Plg50.0000°,AzM35.0000°; N Plg0.0000°,AzM0.0000°; P Plg40.0000°,AzM215.0000°

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s105,c221; Mantle waves: s83,c243; Half duration: 38 Moment tensor: Scale 10¹⁸Nm; M₁ 0.76±.01 M₂ 0.53±.01; M₃ 0.23±.01; M₄ 2.50±.03; M₅ 0.47±.01; M₆ 2.72±.03; Best double couple: NP1:φ₁293.00000°,δ7.00000°,λ66.00000°. NP2:φ₂137.00000°,δ84.00000°,λ93.00000°. Principal axes: T 3.7440,Plg51.0000°,AzM50.0000°; N 0.00810,Plg3.0000°,AzM317.0000°; P -3.8260,Plg39.0000°,AzM225.0000°; M₁ 3.78500×10¹⁸

ISCJB Event type fe. Error ellipse: s-maj=3.3km s-min=2.3km az=30.1.
 IDC Error ellipse: s-maj=12.5km s-min=10.2km az=47.0.
 SZGRF Off west coast of northern Sumatara, Indonesia.

(460) Wyoming

ISC	IV	25 21 10 12.5-49	43.74N-04	105.13W-06	0	4.2b	43	1-61
ISCJB	IV	25 21 10 10.0-56	43.74N-04	105.04W-07	0	4.2b	¶18813848	
IDC	IV	25 21 10 11.3-2.4	43.55N	105.38W	0	4.0b,3.9		
NEIC	IV	25 21 10 12.8-39	43.72N	105.17W	1	3.3L,3.9		

ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=6.9km s-min=5.6km az=11.9.
 IDC Error ellipse: s-maj=59.8km s-min=8.6km az=152.0.
 NEIC Event type fm. Error ellipse: s-maj=5.5km s-min=4.6km az=140.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.

(122) Near coast of northern Chile

ISC	IV	26 04 28 16.0-21	26.21S-03	70.94W-06	42	4.7b,4.3s	123	0-174
MOS	IV	26 04 28 10.2-1.1	26.11S	71.03W	10	4.9b,4.3s	¶18321180	
IDC	IV	26 04 28 10.1-52	26.12S	70.88W	0	4.9,4.9b		
GUC	IV	26 04 28 14.3-72	26.25S	71.03W	42-4	5.0L,4.9b		
BJI	IV	26 04 28 14.7	25.60S	71.08W	40	5.2s,5.1b		
ISCJB	IV	26 04 28 14.2-21	26.19S-03	70.99W-06	40	4.7b,4.3s		
NEIC	IV	26 04 28 15.6-19	26.13S	70.72W	41	4.7b,4.3s		

ISC Event type fe.
 MOS Error ellipse: s-maj=20.2km s-min=8.7km az=99.1.
 IDC Error ellipse: s-maj=24.3km s-min=15.3km az=96.0.
 GUC Error ellipse: s-maj=4.1km s-min=7.1km az=1.0.
 ISCJB Event type fe. Error ellipse: s-maj=8.5km s-min=3.4km az=140.7.

NEIC Event type fe. Error ellipse: s-maj=8.1km s-min=4.4km az=74.0. Felt [III] at Chanaral and Copiapo and [II] at Caldera.

(224) Hokkaido region

ISC	IV	26 05 55 56.4-28	41.96N-03	142.31E-03	66-2	4.4b	278	1-148
NIED	IV	26 05 55 00	41.90N	142.30E	68	4.7W	¶10698106	
ISCJB	IV	26 05 55 55.4-28	41.94N-03	142.30E-03	70-2	4.4b		
SZGRF	IV	26 05 55 55.0	42.29N	142.58E	33	4.6b		
JMA	IV	26 05 55 55.5-20	41.94N	142.32E	70-3	4.5		
IDC	IV	26 05 55 56.1-56	41.95N	142.27E	64-4	4.4,4.3		
BJI	IV	26 05 55 58.3	42.01N	142.09E	96	4.9b,4.7b		
MOS	IV	26 05 56 00.5-1.1	41.95N	142.15E	115	4.5b,4.1s		
NEIC	IV	26 05 56 01.4-48	41.97N	142.20E	111-4	4.7W,4.5b		

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ₁17.00000°,δ71.00000°,λ84.00000°. NP2:φ₂214.00000°,δ19.00000°,λ107.00000°. M₁ 1.49000×10¹⁶
 ISCJB Event type fe. Error ellipse: s-maj=4.5km s-min=3.0km az=124.7.
 SZGRF Hokkaido, Japan, region.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ₁199.00000°,δ20.00000°,λ82.00000°. NP2: φ₂27.00000°,δ70.00000°,λ93.00000°. Principal axes: T Plg65.0000°,AzM302.0000°; N Plg3.0000°,AzM206.0000°; P Plg25.0000°,AzM115.0000°
 IDC Error ellipse: s-maj=14.2km s-min=8.2km az=101.0.
 MOS Error ellipse: s-maj=11.2km s-min=6.3km az=110.2.
 NEIC Event type fe. Error ellipse: s-maj=6.8km s-min=4.1km az=176.0. Recorded [2 JMA] in south-central Hokkaido and [1 JMA] in southwestern Hokkaido. Also recorded [1 JMA] in Aomori Prefecture, Honshu. Moment Tensor Solution. M₁ 5.00000×10¹⁶

(224) Hokkaido region

ISC	IV	26 14 10 37.8-17	42.07N-02	142.53E-03	69	4.8b	463	0-157
NIED	IV	26 14 10 00	42.00N	142.50E	62	4.8W	¶10698111	
SZGRF	IV	26 14 10 33.4	42.20N	142.70E	33	5.1b		
MOS	IV	26 14 10 34.8-88	42.05N	142.54E	55	5.2b,4.0s		
BJI	IV	26 14 10 35.5	42.00N	142.56E	75	5.0b,4.9b		
ISCJB	IV	26 14 10 36.0-16	42.02N-02	142.54E-03	67	4.8b,4.9b		
JMA	IV	26 14 10 36.9-20	42.03N	142.59E	61-2	4.6,4.9b		
NEIC	IV	26 14 10 37.7-14	42.06N	142.49E	67	4.9b,4.7W		
IDC	IV	26 14 10 37.3-52	42.04N	142.52E	66-4	4.7,4.5		
HRVD	IV	26 14 10 37.7-60	42.02N	142.67E	67-3	4.8W,4.5		

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ₁34.00000°,δ67.00000°,λ91.00000°. NP2:φ₂210.00000°,δ23.00000°,λ87.00000°. M₁ 1.58000×10¹⁶
 SZGRF Hokkaido, Japan, region.
 MOS Error ellipse: s-maj=7.6km s-min=4.2km az=102.1.
 ISCJB Event type fe. Error ellipse: s-maj=3.5km s-min=2.4km az=121.2.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ₁216.00000°,δ29.00000°,λ96.00000°. NP2: φ₂30.00000°,δ61.00000°,λ87.00000°. Principal axes: T Plg74.0000°,AzM291.0000°; N Plg3.0000°,AzM31.0000°; P Plg16.0000°,AzM122.0000°

NEIC Event type fe. Error ellipse: s-maj=4.3km s-min=3.2km az=144.0. Felt at Misawa, Honshu. Recorded [3 JMA] in south-central Hokkaido and [2 JMA] in much of southern Hokkaido. Also recorded [2 JMA] in Aomori and [1 JMA] in Iwate Prefectures, Honshu. Moment Tensor Solution. M₁ 6.00000×10¹⁶

IDC Error ellipse: s-maj=13.3km s-min=7.0km az=96.0.
 HRVD Error ellipse: s-maj=6.7km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s17,c19; Mantle waves: s47,c67; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M₁ 1.55±.13 M₂ 0.17±.15; M₃ 1.71±.15; M₄ 0.22±.06; M₅ 0.98±.10; M₆ 0.78±.08; Best double couple: NP1:φ₁209.00000°,δ33.00000°,λ99.00000°. NP2:φ₂18.00000°,δ57.00000°,λ84.00000°. Principal axes: T 1.7280,Plg77.0000°,AzM269.0000°; N 0.5780,Plg5.0000°,AzM22.0000°; P -2.2980,Plg12.0000°,AzM113.0000°; M₁ 2.01300×10¹⁶

(13) Kodiak Island region

ISC	IV	26 15 44 14.6-1.5	57.5N-10	154.1W-20	70-11	3.9b	21	1-66
IDC	IV	26 15 44 00.1-2.9	56.45N	154.38W	0	3.8b,3.8	¶19598036	
NEIC	IV	26 15 44 12.6	57.27N	154.25W	33	3.2L,3.8		
ISCJB	IV	26 15 44 13.3-1.5	57.5N-10	154.1W-20	75-10	3.9b,3.8		

ISC Event type fe.
 NEIC Event type fe. Felt at Kodiak. After AEIC.
 ISCJB Event type fe.

(706) Northern Sumatara

ISC	IV	26 16 38 53.9-15	4.52N-03	95.98E-02	74	5.4b	571	1-161
BJI	IV	26 16 38 47.4	4.04N	95.72E	73	5.5b,5.3b	¶18321199	
MOS	IV	26 16 38 47.7-85	4.64N	96.00E	33	5.7b,4.3s		
ISCJB	IV	26 16 38 51.9-15	4.52N-03	95.99E-02	72	4.7b,4.3s		
SZGRF	IV	26 16 38 52.3	4.29N	96.15E	73	5.5b,4.3s		
NEIC	IV	26 16 38 53.6-13	4.55N	95.99E	74	5.5b,4.3s		
HRVD	IV	26 16 38 53.7-20	4.36N	96.03E	82-1	5.3W,4.3s		
IDC	IV	26 16 38 53.6-32	4.56N	96.08E	78-2	5.3,5.0		

ISC Event type fe.
 MOS Error ellipse: s-maj=8.0km s-min=4.0km az=121.4.
 ISCJB Event type fe. Error ellipse: s-maj=4.4km s-min=

ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=332.00000°,δ85.00000°,λ17.00000°. NP2:φ=240.00000°,δ73.00000°,λ175.00000°. M ₀ :3.12000×10 ¹⁵									
IDC	Error ellipse: s-maj=19.6km s-min=15.4km az=86.0.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.									
ISCJB	Event type fe. Error ellipse: s-maj=7.0km s-min=4.8km az=159.5.									
MOS	Error ellipse: s-maj=19.4km s-min=7.4km az=120.6.									
NEIC	Event type fe. Error ellipse: s-maj=10.4km s-min=6.3km az=82.0. Recorded [1 JMA] on Miyakejima. Moment Tensor Solution. M ₀ :3.10000×10 ¹⁵									
ISC	IV	27 04 18 29.9-22	0.37N-03	29.99E-04	17	5.3b,4.5s	450	2-132		
IDC	IV	27 04 18 26.5-47	0.36N	30.10E	0	4.8,4.8b		†18321217		
CRAAG	IV	27 04 18 26.5	0.39N	30.06E		5.3b,4.8b				
BJI	IV	27 04 18 27.1	0.83N	29.43E	18	5.5b,5.3b				
ISCJB	IV	27 04 18 27.9-22	0.40N-03	29.97E-03	16	5.3b,4.5s				
NEIC	IV	27 04 18 28.1-17	0.34N	30.08E	10	5.3b,4.5s				
HRVD	IV	27 04 18 28.1-20	0.46N	29.98E	19-0	5.2W,4.5s				
SZGRF	IV	27 04 18 38.0	1.45N	30.32E	33	5.3b,4.4s				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=14.8km s-min=10.6km az=108.0.									
ISCJB	Event type fe. Error ellipse: s-maj=4.9km s-min=4.4km az=172.5.									
NEIC	Event type fe. Error ellipse: s-maj=5.2km s-min=3.2km az=95.0. Felt at Kampala and Masaka.									
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s54,c96; Mantle waves: s78,c141; Half duration: 1s0 Moment tensor: Scale 10 ¹⁹ Nm; M _{rr} =0.76±0.02; M _{θθ} =0.05±0.01; M _{φφ} =0.81±0.02; M _{φθ} =0.00±0.03; M _{φφ} =0.09±0.01; M _{φθ} =0.38±0.03; Best double couple: NP1:φ=189.00000°,δ32.00000°,λ-86.00000°. NP2:φ=4.00000°,δ85.00000°,λ-93.00000°. Principal axes: T 0.9100,Plg13.0000°,Az=96.0000°. N -0.0600,Plg2.0000°,Az=5.0000°; P -0.8500,Plg77.0000°,Az=265.0000° M ₀ :0.88000×10 ¹⁷									
SZGRF	Uganda.									
ISC	(162) South Island									
WEL	IV	27 05 17 53.4-08	43.30S	170.51E	5	4.2L				
NEIC	IV	27 05 17 52.8	43.30S	170.48E	5	4.1L		†19968069		
WEL	Event type fe. Error ellipse: s-maj=0.9km s-min=0.6km az=90.0. Felt in the West Coast region, maximum reported intensity MM 4.									
NEIC	Event type se. After WEL.									
ISC	(359) Bulgaria									
SKO	IV	27 12 38 15.6-40	42.61N-03	23.24E-04	10		66	0-4		
SOF	IV	27 12 38 12.7	42.75N	23.18E	0			†19598089		
CSEM	IV	27 12 38 14.4	42.57N	23.37E	2	2.9				
NEIC	IV	27 12 38 14.0-09	42.72N	23.39E	2	3.0				
THE	IV	27 12 38 14.4	42.57N	23.37E	2	3.0L,3.0				
ISCJB	IV	27 12 38 15.5	42.71N	23.22E	12	3.6L,3.0				
ISC	IV	27 12 38 15.0-39	42.62N-02	23.29E-04	10	3.6L,3.0				
CSEM	Event type fe.									
NEIC	Event type fe. Felt at Sofia. After SOF.									
ISCJB	Event type fe.									
ISC	(162) South Island									
WEL	IV	27 13 24 12.3-09	43.30S	170.51E	5	4.1L				
NEIC	IV	27 13 24 12.0	43.28S	170.48E	10	4.1L		†18321230		
WEL	Event type fe. Error ellipse: s-maj=1.0km s-min=0.8km az=90.0. Felt in the West Coast region, maximum reported intensity MM 4.									
NEIC	Event type se. After WEL.									
ISC	(274) Southern Sumatra									
BJI	IV	27 23 39 40.9-2.2	1.48S-04	99.57E-05	20-13	4.7b,3.9s	111	1-145		
ISCJB	IV	27 23 39 33.1	2.45S	99.72E	30	4.8b,4.7b		†18321261		
IDC	IV	27 23 39 37.1-45	1.50S-05	99.53E-05	11-12	4.7b,3.9s				
MOS	IV	27 23 39 41.0-89	1.43S	99.60E	33	4.8b,4.4				
NEIC	IV	27 23 39 41.9-23	1.50S	99.60E	30	4.7b,4.4				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=9.5km s-min=7.5km az=131.7.									
IDC	Error ellipse: s-maj=20.1km s-min=9.8km az=45.0.									
MOS	Error ellipse: s-maj=18.2km s-min=7.6km az=114.2.									
NEIC	Event type fe. Error ellipse: s-maj=10.1km s-min=5.6km az=56.0. Felt [II] at Padang, Padang Pariaman and Painan, Sumatra.									
ISC	(159) North Island									
WEL	IV	27 23 56 14.5-11	40.39S	176.25E	17-1	3.6L				
WEL	Event type fe. Error ellipse: s-maj=1.6km s-min=0.7km az=90.0. Felt in the Hawke's Bay region, maximum reported intensity MM 4.									
JMA	(235) Kyushu									
NIED	IV	28 04 05 28.0	33.77N	130.11E	13	3.8				
NIED	IV	28 04 05 00	33.80N	130.10E	14	3.7W		†19261235		
NIED	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=33.00000°,δ86.00000°,λ-172.00000°. NP2:φ=303.00000°,δ82.00000°,λ-4.00000°. M ₀ :3.39000×10 ¹⁴									
ISC	(244) Taiwan									
NIED	IV	28 09 05 27.2-67	24.00N-02	121.63E-02	12-4	5.1s,4.9b	267	0-168		
JMA	IV	28 09 05 00	23.80N	121.60E	32	5.1W,4.9b		†18321285		
IDC	IV	28 09 05 24.6-50	23.83N	121.56E	7	5.4,4.9b				
ISCJB	IV	28 09 05 24.3-40	23.98N	121.60E	0	4.8s,4.8				
BJI	IV	28 09 05 25.2-78	23.93N-02	121.56E-02	12-4	5.1s,4.9b				
HRVD	IV	28 09 05 25.5	24.03N	121.61E	8	5.7s,5.6L				
NEIC	IV	28 09 05 26.0-20	23.93N	121.65E	14-1	5.2W,5.6L				
MOS	IV	28 09 05 26.0-1.0	23.96N	121.57E	8-6	5.6L,5.1b				
SZGRF	IV	28 09 05 28.0-96	24.03N	121.71E	33	5.2b,5.2s				
ISC	IV	28 09 05 30.7	24.18N	121.92E	33	5.2b,5.2s				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=78.00000°,δ88.00000°,λ145.00000°. NP2:φ=170.00000°,δ55.00000°,λ3.00000°. M ₀ :4.76000×10 ¹⁶									
JMA	Error ellipse: s-maj=4.4km s-min=4.1km az=-1.0.									
IDC	Error ellipse: s-maj=15.1km s-min=10.3km az=71.0.									
ISCJB	Event type fe. Error ellipse: s-maj=3.8km s-min=3.0km az=175.2.									
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s54,c79; Mantle waves: s81,c145; Half duration: 1s0 Moment tensor: Scale 10 ¹⁹ Nm; M _{rr} =2.58±19; M _{θθ} =2.43±13; M _{φφ} =0.15±16; M _{φθ} =4.17±43; M _{φφ} =4.13±12; M _{φθ} =5.78±60; Best double couple: NP1:φ=269.00000°,δ22.00000°,λ144.00000°. NP2:φ=32.00000°,δ77.00000°,λ72.00000°. Principal axes: T 7.2270,Plg54.0000°,Az=187.0000°. N 2.3000,Plg18.0000°,Az=37.0000°; P -9.5270,Plg30.0000°,Az=137.0000° M ₀ :8.37700×10 ¹⁶									
NEIC	Event type fe. Error ellipse: s-maj=6.8km s-min=5.4km az=81.0. Felt at Taipei. Recorded [5 TAP] in Hua-lien; [3 TAP] in I-lan and Nan-t'ou; [2 TAP] in T'ao-yuan and Yun-lin; [1 TAP] in Chang-hua, Chia-i, Hsin-chou, Miao-li, Tai-chung, T'ai-pei and Tai-tung Counties.									
MOS	Error ellipse: s-maj=9.8km s-min=5.7km az=112.6.									
SZGRF	Taiwan.									
ISC	(383) Northwestern Balkan Peninsula									
CSEM	IV	28 10 47 57.9-21	46.19N-01	14.95E-02	7-2		154	0-5		
LJU	IV	28 10 47 57.6-04	46.18N	14.93E	12	3.7L		†18321286		
ISCJB	IV	28 10 47 57.2	46.18N	14.92E	15	2.9L				
VIE	IV	28 10 47 57.1-22	46.19N-01	14.95E-02	7-2	2.9L				
NEIC	IV	28 10 47 57.8-15	46.19N	14.95E	10-1	3.0L,2.8b				
ROM	IV	28 10 47 57.7-28	46.18N	14.92E	10	2.9L,2.8L				
PRU	IV	28 10 47 58.0-51	46.13N	14.96E	10-0	3.0,2.9L				
ISC	IV	28 10 47 58.2	46.21N	14.88E	0	3.0,2.9L				
ISC	Event type fe.									
CSEM	Event type ke. Error ellipse: s-maj=1.0km s-min=0.7km az=5.0.									
ISCJB	Event type fe. Error ellipse: s-maj=2.5km s-min=1.8km az=174.3.									
VIE	Error ellipse: s-maj=1.3km s-min=1.0km az=110.0. 25 km WSW of Celje.									
NEIC	Event type fe. Error ellipse: s-maj=3.8km s-min=2.9km az=188.0. Felt [IV] at Domzale and Trbovlje.									
ROM	Event type ke. Error ellipse: s-maj=6.7km s-min=4.7km az=124.0.									
ISC	(584) South Africa									
PRE	IV	28 10 50 02.4-46	26.19S-04	28.28E-04	10	3.8b	29	0-149		
ISCJB	IV	28 10 50 01.2-47	26.25S-04	28.26E-04	10	3.8b		†19261237		
IDC	IV	28 10 50 02.3-12	26.24S	28.25E	0	3.9,3.8b				
NEIC	IV	28 10 50 03.1-95	26.33S	28.11E	5	3.8b,3.8b				

ISC	Event type fe.									
PRE	Error ellipse: s-maj=3.5km s-min=3.4km az=-1.0.									
ISCJB	Event type fe. Error ellipse: s-maj=6.0km s-min=5.0km az=149.4.									
IDC	Error ellipse: s-maj=103.1km s-min=29.7km az=59.0.									
NEIC	Event type fe. Error ellipse: s-maj=23.4km s-min=15.7km az=223.0. Felt at Johannesburg.									
ISC	(224) Hokkaido region									
IV	28 15 37 28.2-77	43.01N-06	145.46E-07	48-5	4.0b	52	0-88			
NIED	IV	28 15 37 00	43.00N	145.40E	47	4.0W		†110698149		
MOS	IV	28 15 37 26.8-93	42.95N	145.44E	55	4.3b				
ISCJB	IV	28 15 37 27.2-75	42.99N-06	145.46E-07	55-4	4.0b				
JMA	IV	28 15 37 28.3-10	42.99N	145.42E	47-1	4.3				
NEIC	IV	28 15 37 28.7-12	42.99N	145.40E	50-10	4.1b				
IDC	IV	28 15 37 30.5-2.9	42.91N	145.45E	69-23	3.9,3.8				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=42.00000°,δ92.00000°. NP2:φ=217.00000°,δ25.00000°,λ86.00000°. M ₀ :9.72000×10 ¹⁴									
MOS	Error ellipse: s-maj=17.9km s-min=10.6km az=105.2.									
ISCJB	Event type fe. Error ellipse: s-maj=11.2km s-min=6.3km az=113.3.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.									
NEIC	Event type fe. Error ellipse: s-maj=13.4km s-min=8.8km az=112.0. Recorded [2 JMA] in eastern Hokkaido.									
IDC	Error ellipse: s-maj=23.4km s-min=21.0km az=80.0.									
ISC	(1) Central Alaska									
ISC	IV	28 18 16 45.7-55	63.55N-03	149.11W-07	14-4	4.1b	47	0-63		
BJI	IV	28 18 16 43.9	63.50N	149.10W	4	5.0b,4.4b		†18565059		
IDC	IV	28 18 16 44.7-92	63.70N	149.20W	0	3.9,3.8L				
NEIC	IV	28 18 16 44.9	63.50N	149.06W	5	4.2L,4.0L				
ISCJB	IV	28 18 16 45.2-49	63.56N-03	149.13W-07	21-5	4.1b,4.0L				
ISC	Event type fe.									
NEIC	Event type fe. Felt at Cantwell. After AEIC.									
ISCJB	Event type fe.									
ISC	(73) El Salvador									
ISC	IV	28 19 07 09.4-55	13.3N-10	88.84W-07	73-8	4.2b	36	1-138		
IDC	IV	28 19 07 01.9-3.4	13.49N	88.91W	0	4.3,4.2b		†19598161		
NEIC	IV	28 19 07 06.8-4.9	13.46N	88.79W	34-66	4.4,3.7b				
ISCJB	IV	28 19 07 08.2-56	13.22N-10	88.85W-07	84-7	4.2b,3.7b				
CASC	IV	28 19 07 08.0-2.8	12.95N	89.02W	53-34	4.3L,4.1				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=93.9km s-min=56.4km az=126.0.									
NEIC	Event type fe. Error ellipse: s-maj=39.3km s-min=16.7km az=80.0. Felt [III] at San Salvador.									
ISCJB	Event type fe. Error ellipse: s-maj=19.1km s-min=4.4km az=64.8.									
CASC	Error ellipse: s-maj=16.7km s-min=9.2km az=-1.0.									
ISC	(291) South of Sumbawa									
ISC	IV	29 04 06 13.8-16	11.25S-03	118.48E-03	29	5.9b,5.2s	355	2-172		
IDC	IV	29 04 06 09.5-39	10.94S	118.50E	0	5.7L,5.4b		†110698164		

ISCJB IV 29 19 19 14.2-35 6.77N-03 72.91W-03 171-3 4.5b,4.4s
 NEIC IV 29 19 19 14.7-21 6.74N 72.97W 161 4.7b,4.4s
 BJI IV 29 19 19 14.7 6.70N 73.00W 160 5.2b,4.4s
 ISC Event type fe.
 CASC Error ellipse: s-maj=283.7km s-min=127.4km az=1.0.
 MOS Error ellipse: s-maj=12.7km s-min=6.9km az=116.3.
 IDC Error ellipse: s-maj=9.8km s-min=6.7km az=119.0.
 ISCJB Event type fe. Error ellipse: s-maj=4.8km s-min=4.4km az=11.1.
 NEIC Event type fe. Error ellipse: s-maj=6.0km s-min=4.4km az=65.0. Felt at Medellin.

(460) Wyoming
 ISC IV 29 20 05 15.5-33 43.82N-03 105.19W-04 0 4.0b 79 1-125
 ISCJB IV 29 20 05 13.9-37 43.81N-03 105.21W-05 0 4.0b **19813926**
 IDC IV 29 20 05 14.5-98 43.59N 105.31W 0 4.0,3.9L
 NEIC IV 29 20 05 15.6-32 43.80N 105.19W 0 3.2,3.9L
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=5.0km s-min=4.1km az=52.5.
 IDC Error ellipse: s-maj=23.9km s-min=7.8km az=155.0.
 NEIC Event type fm. Error ellipse: s-maj=4.2km s-min=3.8km az=87.0. 60 km [40 miles] SSE of Gillette. Suspected Mining explosion.

(74) Near coast of Nicaragua
 ISC IV 29 20 56 38.1-54 12.81N-09 87.81W-09 74-6 4.0b 50 0-66
 ISCJB IV 29 20 56 36.9-54 12.77N-09 87.86W-09 82-6 4.0b **19598214**
 IDC IV 29 20 56 36.9-1.0 12.84N 87.70W 64-7 4.0,4.0
 NEIC IV 29 20 56 37.0-81 12.79N 87.80W 65 4.3b,4.0
 CASC IV 29 20 56 37.2-3.0 12.64N 88.01W 34-17 4.3b,4.1L
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=19.0km s-min=6.5km az=86.3.
 IDC Error ellipse: s-maj=40.5km s-min=10.1km az=51.0.
 NEIC Event type fe. Error ellipse: s-maj=36.5km s-min=10.6km az=54.0. Felt [III] at Berlin, El Salvador.
 CASC Error ellipse: s-maj=9.4km s-min=7.6km az=1.0.

(671) Eastern Siberia
 ISC IV 29 23 42 36.0-11 60.68N-02 165.96E-04 17 5.0s,4.9b 519 2-150
 KRSC IV 29 23 42 31.2-12 60.62N 166.29E 1-4 4.9L,4.9b **19821342**
 IDC IV 29 23 42 32.8-43 60.64N 166.03E 0 4.7s,4.7
 MOS IV 29 23 42 32.9-1.2 60.64N 166.01E 10 5.2b,4.9s
 ISCJB IV 29 23 42 34.1-11 60.63N-02 165.99E-04 16 5.0s,4.9b
 BJI IV 29 23 42 34.1 60.75N 165.82E 14 5.3s,5.3s
 NEIC IV 29 23 42 35.9-22 60.65N 165.93E 16 5.1b,4.8s
 HRVD IV 29 23 42 35.9-20 60.65N 166.17E 15-0 5.2W,4.8s
 SZGRF IV 29 23 42 38.6 60.26N 166.32E 33 5.2b,4.8s
 ISC Event type fe.
 KRSC Event type se.
 IDC Error ellipse: s-maj=11.7km s-min=10.7km az=27.0.
 MOS Error ellipse: s-maj=8.0km s-min=3.8km az=89.9.
 ISCJB Event type fe. Error ellipse: s-maj=3.0km s-min=2.0km az=89.4.
 NEIC Event type fe. Error ellipse: s-maj=6.4km s-min=3.8km az=187.0. Felt at Il'pyrskiy, Khalilino, Korf, Ossora and Tilichiki.

HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s44,c91; Mantle waves: s92,c167; Half duration: 1s0 Moment tensor: Scale 10¹⁷Nm; M_r=0.04±0.1 M₀±0.64±0.1; M₀=0.60±0.1; M₀=0.07±0.04; M₀=0.52±0.1; M₀=0.34±0.4; Best double couple: NP1:φ=294.00000°; δ267.00000°; λ=6.000000°; NP2:φ=26.00000°; δ85.00000°; λ=157.00000°. Principal axes: T 0.8700,Plg12.0000°,AzM158.0000°; N 0.0200,Plg67.0000°,AzM38.0000°; P -0.8990,Plg20.0000°,AzM252.0000°; M0.88500×10¹⁷
 SZGRF Eastern Siberia, Russia.

(230) Near south coast of eastern Honshu
 ISC IV 30 04 10 36.6-58 35.05N-02 139.15E-05 6-3 3.9b,3.5s 42 0-78
 NIED IV 30 04 10 36.6 35.00N 139.10E 5 4.2W,3.5s **19800231**
 IDC IV 30 04 10 35.2-81 34.92N 139.09E 0 4.0,3.8
 ISCJB IV 30 04 10 36.1-55 35.05N-03 139.15E-05 10-3 3.9b,3.5s
 NEIC IV 30 04 10 36.1-80 34.99N 139.27E 10 4.5b,4.2W
 JMA IV 30 04 10 36.2-10 35.07N 139.11E 6-1 4.5,4.2W
 MOS IV 30 04 10 36.9-73 34.95N 139.27E 33 4.2b,4.2W
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=283.00000°; δ157.00000°; NP2:φ=15.00000°; δ67.00000°; λ6.00000°. M0.52000×10¹⁵
 IDC Error ellipse: s-maj=31.2km s-min=15.8km az=92.0.
 ISCJB Event type fe. Error ellipse: s-maj=7.2km s-min=4.2km az=160.5.
 NEIC Event type fe. Error ellipse: s-maj=19.9km s-min=12.4km az=92.0. Recorded [5L JMA] in Shizuoka, [3 JMA] in Kanagawa and [1 JMA] in Chiba, Tokyo and Yamanashi Prefectures. Moment Tensor Solution. M0.50000×10¹⁵
 JMA Error ellipse: s-maj=1.1km s-min=0.9km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=283.00000°; δ79.00000°; λ179.00000°. NP2: φ=14.00000°; δ89.00000°; λ11.00000°. Principal axes: T Plg9.0000°,AzM239.0000°; N Plg79.0000°,AzM21.0000°; P Plg7.0000°,AzM148.0000°
 MOS Error ellipse: s-maj=31.6km s-min=11.7km az=103.5.

(671) Eastern Siberia
 ISC IV 30 07 27 41.7-20 60.93N-03 166.66E-06 15 4.3b,3.8s 140 2-151
 IDC IV 30 07 27 38.9-59 60.88N 166.52E 0 4.3,4.1b **19831367**
 MOS IV 30 07 27 38.5-1.1 60.87N 166.61E 10 4.4b,4.1b
 ISCJB IV 30 07 27 39.8-20 60.92N-03 166.62E-06 14 4.3b,3.8s
 KRSC IV 30 07 27 40.0-90 60.87N 166.71E 8-4 4.4L,3.8s
 BJI IV 30 07 27 41.1 60.90N 166.60E 13 4.8b,4.5b
 NEIC IV 30 07 27 41.1-24 60.86N 166.57E 14 4.4b,4.5b
 ISC Event type de.
 IDC Error ellipse: s-maj=14.8km s-min=13.2km az=169.0.
 MOS Error ellipse: s-maj=14.6km s-min=7.9km az=81.3.
 ISCJB Event type de. Error ellipse: s-maj=4.6km s-min=3.0km az=81.2.
 KRSC Event type se.
 NEIC Event type de. Error ellipse: s-maj=7.7km s-min=4.3km az=168.0. A bakery and a power station damaged at Korf.

(186) Vanuatu Islands
 ISC IV 30 08 17 36.0-12 15.11S-02 167.40E-03 134 5.3b 370 3-169
 BJI IV 30 08 17 32.5 14.45S 167.32E 94 5.8b,5.3b **19698191**
 ISCJB IV 30 08 17 34.1-12 15.11S-02 167.34E-03 132 5.3b,5.3b
 HRVD IV 30 08 17 34.9-10 15.13S 167.29E 130-0 6.1W,5.3b
 NEIC IV 30 08 17 34.9-10 15.10S 167.44E 128 6.1W,5.4b
 IDC IV 30 08 17 35.8-1.4 15.06S 167.39E 137-11 5.6,5.2
 MOS IV 30 08 17 35.5-1.4 15.02S 167.39E 138 5.4b,5.3s
 CRAAG IV 30 08 17 35.0 15.17S 167.37E 6.3W,5.3s
 LDG IV 30 08 17 39.0-29 15.33S 166.87E 160-0 5.5b,5.2s
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=3.8km s-min=2.9km az=154.6.
 HRVD Error ellipse: s-maj=0.0km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s114,c257; Mantle waves: s113,c404; Half duration: 2s7 Moment tensor: Scale 10¹⁸Nm; M_r1.61±0.1 M₀±1.2±0.1; M₀=1.73±0.1; M₀=0.31±0.1; M₀=0.18±0.1; M₀=0.03±0.1; Best double couple: NP1:φ=355.00000°; δ45.00000°; λ74.00000°. NP2: φ=196.00000°; δ47.00000°; λ105.00000°. Principal axes: T 1.6700,Plg79.0000°,AzM180.0000°; N 0.0760,Plg11.0000°,AzM6.0000°; P -1.7480,Plg1.0000°,AzM276.0000°; M0.170900×10¹⁸

NEIC Event type fe. Error ellipse: s-maj=4.8km s-min=3.9km az=99.0. Felt at Luganville. Moment Tensor Solution. M0.90000×10¹⁸ Moment Tensor Solution. s37 Moment tensor: Scale 10¹⁸ Nm; M_r1.59 M₀±0.20 M₀=1.79 M₀=0.32 M₀=0.25 M₀=0.21 Best double couple: NP1: φ=198.00000°; δ50.00000°; λ105.00000°. NP2: φ=356.00000°; δ42.00000°; λ73.00000°. Principal axes: T 1.6700,Plg78.0000°,AzM168.0000°; N 0.1700,Plg11.0000°,AzM8.0000°; P -1.8400,Plg4.0000°,AzM278.0000°; M0.180000×10¹⁸
 IDC Error ellipse: s-maj=11.1km s-min=9.7km az=16.0.
 MOS Error ellipse: s-maj=7.3km s-min=6.8km az=101.6.
 LDG Event type ke. Error ellipse: s-maj=40.1km s-min=10.5km az=86.0.

(122) Near coast of northern Chile
 ISC IV 30 10 31 22.0-18 27.00S-03 71.07W-04 31 4.8b,4.7s 167 0-178
 MOS IV 30 10 31 17.7-1.3 26.90S 71.10W 10 5.0b,4.6s **19832174**
 IDC IV 30 10 31 17.4-50 26.91S 71.00W 0 4.6,4.5b
 GUC IV 30 10 31 19.3-73 27.09S 71.26W 22-10 5.1L,4.5b
 ISCJB IV 30 10 31 20.0-18 27.02S-03 71.17W-04 29 4.8b,4.7s
 NEIC IV 30 10 31 19.3 27.09S 71.26W 22 5.1L,5.0s
 BJI IV 30 10 31 19.3 27.52S 71.25W 21 5.3b,5.2b
 HRVD IV 30 10 31 19.3-30 27.10S 71.59W 18-1 5.3W,5.2s
 ISC Event type fe.

MOS Error ellipse: s-maj=14.9km s-min=7.3km az=105.1.
 IDC Error ellipse: s-maj=20.9km s-min=13.6km az=76.0.
 GUC Error ellipse: s-maj=2.8km s-min=5.6km az=1.0.
 ISCJB Event type fe. Error ellipse: s-maj=5.5km s-min=3.1km az=123.8.
 NEIC Event type fe. Felt [IV] at Copiapo and [III] at Caldera and Tierra Amarilla. After GUC.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s28,c36; Mantle waves: s66,c102; Half duration: 1s1 Moment tensor: Scale 10¹⁷Nm; M_r=0.55±0.4 M₀±0.5±0.2; M₀=0.59±0.3; M₀=0.04±0.5; M₀=0.08±0.1; M₀=0.82±0.9; Best double couple: NP1:φ=350.00000°; δ18.00000°; λ84.00000°. NP2: φ=176.00000°; δ72.00000°; λ92.00000°. Principal axes: T 0.9710,Plg63.0000°,AzM89.0000°; N 0.0600,Plg2.0000°,AzM356.0000°; P -1.0300,Plg27.0000°,AzM265.0000°
 M0.100100×10¹⁷
 (122) Near coast of northern Chile
 ISC IV 30 11 40 00.1-71 27.02S-03 71.08W-05 25-5 5.1b,4.9s 211 0-178
 BJI IV 30 11 40 00.1 27.63S 71.32W 8 5.3s,5.3b **19832177**
 MOS IV 30 11 40 00.1-1.2 26.92S 71.11W 10 5.3b,4.8s
 HRVD IV 30 11 40 00.1-20 27.07S 71.62W 18-1 5.3W,4.8s
 GUC IV 30 11 40 00.1-76 27.10S 71.27W 9-3 4.9L,4.8s
 NEIC IV 30 11 40 00.1 27.10S 71.27W 9 5.2b,4.9L
 ISCJB IV 30 11 40 00.1-70 27.02S-03 71.10W-05 31-4 5.1b,4.9s
 IDC IV 30 11 40 00.3-6.5 26.98S 71.07W 29-44 4.7,4.7
 ISC Event type fe.
 MOS Error ellipse: s-maj=13.4km s-min=7.7km az=103.1.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s45,c63; Mantle waves: s77,c124; Half duration: 1s1 Moment tensor: Scale 10¹⁷Nm; M_r=0.73±0.1 M₀±0.07±0.3; M₀=0.01±0.4; M₀=0.07±0.1; M₀=0.95±0.7; Best double couple: NP1:φ=350.00000°; δ20.00000°; λ81.00000°. NP2: φ=180.00000°; δ71.00000°; λ93.00000°. Principal axes: T 1.1890,Plg64.0000°,AzM95.0000°; N 0.0750,Plg3.0000°,AzM359.0000°; P -1.2650,Plg26.0000°,AzM267.0000°
 M0.122700×10¹⁷
 GUC Error ellipse: s-maj=2.1km s-min=3.7km az=1.0.
 NEIC Event type fe. Felt [IV] at Copiapo and [III] at Caldera and Tierra Amarilla. After GUC.
 ISCJB Event type fe. Error ellipse: s-maj=7.5km s-min=4.1km az=157.1.
 IDC Error ellipse: s-maj=23.6km s-min=12.7km az=84.0.

(136) Central Chile
 ISC IV 30 12 11 45.5-29 35.58S-03 71.31W-06 96-2 4.2b 89 0-174
 ISCJB IV 30 12 11 44.5-29 35.59S-03 71.29W-06 100-2 4.2b **19832180**
 GUC IV 30 12 11 45.3-70 35.54S 71.32W 94-3 4.7L,4.2
 IDC IV 30 12 11 45.8-3.2 35.52S 71.26W 101-27 4.2,4.0
 NEIC IV 30 12 11 45.3 35.54S 71.32W 94 4.4b,4.2
 BJI IV 30 12 11 45.3 35.50S 71.30W 94 4.7b,4.2
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=7.9km s-min=3.8km az=40.4.
 GUC Error ellipse: s-maj=2.0km s-min=4.3km az=1.0.
 IDC Error ellipse: s-maj=28.4km s-min=14.6km az=86.0.
 NEIC Event type fe. Felt [III] at Talca and [II] at Curico, Linares and Parral. After GUC.

(661) Primorye
 ISC IV 30 14 56 27.2-72 53.59N-05 140.34E-05 10 23 0-79
 ISCJB IV 30 14 56 26.1-80 53.55N-06 140.09E-05 10 **198646774**
 SKHL IV 30 14 56 27.9-80 53.60N 140.50E 10-0 3.8b
 MOS IV 30 14 56 27.0-94 53.50N 140.50E 10 3.9b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=9.0km s-min=4.6km az=17.6.
 MOS Event type fe. Error ellipse: s-maj=43.7km s-min=18.2km az=101.2. Felt (II-III) at Chlyya. Moment Tensor Solution.

(460) Wyoming
 ISC IV 30 18 01 07.7-48 43.82N-04 105.25W-05 0 4.2b 47 1-90
 ISCJB IV 30 18 01 06.2-49 43.82N-04 105.30W-05 0 4.2b **19813947**
 IDC IV 30 18 01 07.3-2.0 43.86N 105.53W 0 4.1b,3.8
 NEIC IV 30 18 01 07.7-43 43.82N 105.22W 0 3.3L,3.8
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=5.6km s-min=5.1km az=8.3.
 IDC Error ellipse: s-maj=58.0km s-min=9.0km az=147.0.
 NEIC Event type fm. Error ellipse: s-maj=6.9km s-min=5.2km az=153.0. 60 km [35 miles] SSE of Gillette. Suspected Mining explosion.

(122) Near coast of northern Chile
 ISC IV 30 19 17 15.7-13 27.10S-02 71.24W-03 14 6.5s,5.9b 497 0-178
 GUC IV 30 19 17 12.2-67 27.10S 71.40W 6-3 6.3L,5.9b **19698202**
 ISCJB IV 30 19 17 13.9-13 27.10S-02 71.27W-04 13 6.5s,5.9b
 MOS IV 30 19 17 13.7-1.4 26.81S 71.04W 10 6.5s,6.4b
 IDC IV 30 19 17 13.2-39 27.13S 70.67W 0 6.5s,6.5
 NEIC IV 30 19 17 15.0-15 27.02S 71.02W 12 6.7W,6.5
 LDG IV 30 19 17 15.6-28 26.07S 71.10W 10-0 6.5s,5.8b
 CRAAG IV 30 19 17 15.7 27.02S 71.14W 6.7W,5.8b
 IGIL IV 30 19 17 15.3 26.93S 70.86W 10 6.9s,5.8b
 HRVD IV 30 19 17 17.2-10 27.17S 71.52W 15-0 6.6W,5.8b
 BJI IV 30 19 17 18.9 26.61S 70.97W 26 6.7s,6.7s
 ISC Event type fe.
 GUC Error ellipse: s-maj=2.2km s-min=3.8km az=1.0.
 ISCJB Event type fe. Error ellipse: s-maj=4.6km s-min=2.9km az=151.6.
 MOS Error ellipse: s-maj=10.2km s-min=5.7km az=95.7.
 IDC Error ellipse: s-maj=18.4km s-min=14.3km az=91.0.
 NEIC Event type fe. Error ellipse: s-maj=6.4km s-min=3.9km az=62.0. Felt [V] at Copiapo; [IV] at Caldera and Chanaral; [III] at Huasco. Felt at Taltal. Also felt at San Juan, Argentina. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M0.00000×10¹⁹ Moment Tensor Solution. s22 Moment tensor: Scale 10¹⁹Nm; M_r0.46 M₀±0.05 M₀=0.51 M₀=0.14 M₀=1.56 Best double couple: NP1:φ=180.00000°; δ81.00000°; λ95.00000°. NP2: φ=331.00000°; δ10.00000°; λ61.00000°. Principal axes: T 1.6200,Plg53.0000°,AzM96.0000°; N 0.0500,Plg5.0000°,AzM359.0000°; P -1.6600,Plg36.0000°,AzM266.0000°
 M0.160000×10¹⁹ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=68.00000°; δ44.00000°; λ150.00000°. NP2: φ=180.00000°; δ70.00000°; λ50.00000°. Principal axes: T Plg49.0000°,AzM47.0000°; N Plg0.0000°,AzM0.0000°; P Plg15.0000°,AzM298.0000°
 LDG Event type ke. Error ellipse: s-maj=25.6km s-min=16.3km az=139.0.
 HRVD Error ellipse: s-maj=1.1km s-min=0.0km az=1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s108,c261; Mantle waves: s107,c482; Half duration: 4s9 Moment tensor: Scale 10¹⁹Nm; M_r0.46±0.0 M₀±0.03±0.0; M₀=0.48±0.0; M₀=0.10±0.1; M₀=0.02±0.0; M₀=0.89±0.2; Best double couple: NP1:φ=11.00000°; δ14.00000°; λ106.00000°. NP2: φ=175.00000°; δ76.00000°; λ86.00000°. Principal axes: T 0.9970,Plg59.0000°,AzM79.0000°; N 0.0240,Plg4.0000°,AzM176.0000°; P -1.0210,Plg31.0000°,AzM268.0000°
 M0.100900×10¹⁹

(122) Near coast of northern Chile
 ISC IV 30 19 21 04.6-66 27.13S-03 71.24W-06 10 5.0b 29 0-151
 ISCJB IV 30 19 21 03.1-68 27.12S-04 71.30W-06 10 5.0b **198646779**
 GUC IV 30 19 21 03.0-80 27.12S 71.16W 31-5 5.3L
 IDC IV 30 19 21 03.8-1.5 27.09S 71.10W 0 5.1b,5.1
 MOS IV 30 19 21 07.4-3.0 27.14S 70.49W 10 5.1b,5.1
 NEIC IV 30 19 21 07.3-3.4 27.06S 71.05W 17-17 5.3L,5.1b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=7.6km s-min=5.0km az=18.9.
 GUC Error ellipse: s-maj=2.2km s-min=7.8km az=1.0.
 IDC Error ellipse: s-maj=60.1km s-min=28.6km az=121.0.
 MOS Error ellipse: s-maj=43.2km s-min=23.9km az=78.8.
 NEIC Event type fe. Error ellipse: s-maj=39.7km s-min=11.3km az=101.0. Felt [III] at Copiapo.

(122) Near coast of northern Chile
 ISC IV 30 19 54 10.0-2.1 27.10S-03 71.47W-10 3-10 4.3b 38 0-151
 GUC IV 30 19 54 08.1-56 27.08S 71.31W 7-2 4.8L **19832197**
 ISCJB IV 30 19 54 10.7-2.2 27.08S-04 71.3W-10 16-14 4.3b
 IDC IV 30 19 54 10.3-1.4 27.16S 71.07W 0 4.3b,4.2
 NEIC IV 30 19 54 12.0-2.6 27.17S 71.16W 14-13 4.8L,4.4b
 ISC Event type fe.
 GUC Error ellipse: s-maj=1.3km s-min=2.5km az=1.0.
 ISCJB Event type fe. Error ellipse: s-maj=18.8km s-min=5.8km az=4.7.
 IDC Error ellipse: s-maj=39.3km s-min=29.2km az=104.0.
 NEIC Event type fe. Error ellipse: s-maj=24.3km s-min=9.4km az=95.0. Felt [II] at Copiapo.

(122) Near coast of northern Chile
 ISC IV 30 19 59 29.7-90 27.12S-03 71.13W-07 28-6 6.3s,5.1b 163 0-178
 GUC IV 30 19 59 28.1-56 27.08S 71.31W 7-2 4.8L
 ISCJB IV 30 19 59 28.1-56 27.08S-04 71.3W-10 16-14 4.3b
 IDC IV 30 19 59 28.1-56 27.16S 71.07W 0 4.3b,4.2
 NEIC IV 30 19 59 28.1-56 27.17S 71.16W 14-13 4.8L,4.4b
 ISC Event type fe.
 GUC Error ellipse: s-maj=1.3km s-min=2.5km az=1.0.
 ISCJB Event type fe. Error ellipse: s-maj=18.8km s-min=5.8km az=4.7.
 IDC Error ellipse: s-maj=39.3km s-min=29.2km az=104.0.
 NEIC Event type fe. Error ellipse: s-maj=24.3km s-min=9.4km az=95.0. Felt [II] at Copiapo.

(122) Near coast of northern Chile
 ISC IV 30 19 59 29.7-90 27.12S-03 71.13W-07 28-6 6.3s,5.1b 163 0-178
 GUC IV 30 19 59 28.1-56 27.08S 71.31W 7-2 4.8L
 ISCJB IV 30 19 59

MOS IV 30 20 09 25.9-1.0 27.03S 71.24W 10 5.4b,5.1b **18321400**
 GUC IV 30 20 09 27.3-1.1 27.07S 71.14W 48-9 5.5L,5.1b
 NEIC IV 30 20 09 27.3 27.07S 71.14W 48 5.2b,5.1b
 ISCJB IV 30 20 09 28.2-93 27.13S-03 71.20W-07 30-6 6.3s,5.1b
 IDC IV 30 20 09 30.4-4.7 27.06S 71.16W 33-34 5.3L,4.8
 BJI IV 30 20 09 33.3 27.10S 71.10W 48 6.4s,6.0s
 ISC Event type fe.
 MOS Error ellipse: s-maj=12.1km s-min=7.3km az=86.9.
 GUC Error ellipse: s-maj=2.7km s-min=9.1km az=-1.0.
 NEIC Event type fe. Felt [IV] at Copiapo. After GUC.
 ISCJB Event type fe. Error ellipse: s-maj=10.0km s-min=4.6km az=168.2.
 IDC Error ellipse: s-maj=21.1km s-min=11.8km az=73.0.

(122) Near coast of northern Chile
 ISC IV 30 20 12 17.7-21 27.12S-03 71.14W-04 21 5.7s,5.1b 158 0-178
 MOS IV 30 20 12 17.5-1.0 26.85S 71.17W 10 5.4b,5.1b **18321401**
 CSEM IV 30 20 12 17.9 26.80S 70.85W 10 5.5b,5.1b
 ISCJB IV 30 20 12 17.9-20 27.09S-03 71.24W-04 20 5.7s,5.1b
 BJI IV 30 20 12 19.3 27.30S 71.20W 19 6.1s,6.0s
 HRVD IV 30 20 12 19.0-40 27.28S 71.76W 22-2 5.7W,6.0s
 NEIC IV 30 20 12 19.0 27.28S 71.24W 20 5.6L,5.2b
 GUC IV 30 20 12 19.2-1.2 27.28S 71.24W 20-11 5.6L,5.2b
 LDG IV 30 20 12 19.8-28 26.15S 71.07W 10-0 5.3b,5.2b
 IDC IV 30 20 12 21.3-64 27.04S 71.18W 31-4 5.1s,5.1
 ISC Event type fe.
 MOS Error ellipse: s-maj=13.4km s-min=8.4km az=78.7.
 ISCJB Event type fe. Error ellipse: s-maj=5.2km s-min=3.5km az=130.6.
 HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s13,c16; Mantle waves: s60,c99; Half duration: 1s7 Moment tensor: Scale 10¹⁷Nm; Mr:2.78;2.27 M₀:0.09;13; M₀:2.86;18; M₀:0.41;25; M₀:0.05;09; M₀:2.82;33; Best double couple: NP1:φ:4.0000°;δ23.0000°;λ100.0000°; NP2:φ:174.0000°;δ68.0000°;λ86.0000°. Principal axes: T 3.9820,Plg67.0000°;AzM76.0000°; N 0.0660,Plg4.0000°;AzM175.0000°; P -4.0390,Plg23.0000°;AzM267.0000°; M:4.01000x10¹⁷

NEIC Event type fe. Felt [III] at Copiapo. After GUC.
 GUC Error ellipse: s-maj=3.4km s-min=7.6km az=-1.0.
 LDG Event type ke. Error ellipse: s-maj=30.9km s-min=15.7km az=144.0.
 IDC Error ellipse: s-maj=19.9km s-min=12.0km az=81.0.

(122) Near coast of northern Chile
 ISC IV 30 21 32 59.1-59 27.13S-03 70.92W-06 34-4 6.2s,5.3b 198 0-174
 MOS IV 30 21 32 53.7-1.6 27.06S 70.99W 10 5.6b,5.3b **18321411**
 GUC IV 30 21 32 55.5-52 27.22S 71.22W 35-7 5.4L,3.5b
 HRVD IV 30 21 32 55.0-40 27.32S 71.77W 20-1 5.9W,5.3b
 NEIC IV 30 21 32 55.0 27.22S 71.22W 35 5.6b,5.4L
 IDC IV 30 21 32 57.4-63 27.05S 71.22W 30-4 5.0L,4.7
 ISCJB IV 30 21 32 57.1-63 27.16S-03 71.08W-07 34-5 6.2s,5.3b
 BJI IV 30 21 32 58.3 27.24S 70.36W 35 6.4s,6.2s
 ISC Event type fe.
 MOS Error ellipse: s-maj=14.8km s-min=7.4km az=103.1.
 GUC Error ellipse: s-maj=2.3km s-min=10.7km az=-1.0.
 HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s49,c64; Mantle waves: s64,c97; Half duration: 2s1 Moment tensor: Scale 10¹⁷Nm; Mr:5.50;29 M₀:0.23;16; M₀:5.28;24; M₀:0.64;37; M₀:0.69;15; M₀:5.77;62; Best double couple: NP1:φ:352.0000°;δ22.0000°;λ88.0000°; NP2:φ:173.0000°;δ68.0000°;λ91.0000°. Principal axes: T 8.0180,Plg67.0000°;AzM85.0000°; N -0.1350,Plg1.0000°;AzM353.0000°; P -7.8880,Plg23.0000°;AzM263.0000°; M:7.95300x10¹⁷

NEIC Event type fe. Felt [III] at Copiapo. After GUC.
 IDC Error ellipse: s-maj=23.6km s-min=13.8km az=83.0.
 ISCJB Event type fe. Error ellipse: s-maj=10.6km s-min=5.0km az=164.7.

(122) Near coast of northern Chile
 ISC IV 30 21 41 01.3-14 27.23S-02 71.01W-04 30 6.5s,5.8b 442 0-178
 GUC IV 30 21 40 51.9-1.3 26.84S 71.15W 18-67 6.7s,6.5W **18321414**
 IDC IV 30 21 40 56.0-43 27.05S 71.15W 0 6.3s,6.3b
 CRAAG IV 30 21 40 56.7 27.27S 71.12W 6 1.1W,6.3
 MOS IV 30 21 40 57.0-1.2 27.15S 71.17W 10 6.6s,6.4b
 HRVD IV 30 21 40 58.4-10 27.28S 71.55W 13-0 6.5W,6.4b
 BJI IV 30 21 40 58.4 27.20S 71.10W 12 6.6s,6.5s
 NEIC IV 30 21 40 58.4-15 27.21S 71.06W 12 6.7s,6.3b
 LDG IV 30 21 40 59.5-24 26.42S 70.80W 10-0 6.5s,8.8L
 IGIL IV 30 21 40 59.0 27.17S 71.01W 10 6.9s,5.8b
 ISCJB IV 30 21 40 59.2-14 27.24S-02 71.09W-04 29 6.5s,5.8b
 ISC Event type fe.
 HRVD nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s110,c245; Mantle waves: s106,c456; Half duration: 4s2 Moment tensor: Scale 10¹⁸Nm; Mr:3.44;03 M₀:0.50;02; M₀:3.94;02; M₀:1.01;05; M₀:0.12;02; M₀:5.28;12; Best double couple: NP1:φ:14.0000°;δ18.0000°;λ112.0000°; NP2:φ:171.0000°;δ73.0000°;λ83.0000°. Principal axes: T 6.3470,Plg61.0000°;AzM70.0000°; N 0.3610,Plg7.0000°;AzM173.0000°; P -6.7100,Plg28.0000°;AzM267.0000°; M:6.52800x10¹⁸

NEIC Event type fe. Felt [VI] at Copiapo, [IV] at Caldera and [II] at La Serena. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M:1.00000x10¹⁹ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:360.0000°;δ15.0000°;λ90.0000°; NP2:φ:180.0000°;δ75.0000°;λ90.0000°. Principal axes: T Plg60.0000°;AzM90.0000°; N Plg0.0000°;AzM0.0000°; P Plg30.0000°;AzM270.0000°

LDG Event type ke.
 ISCJB Event type fe.
(122) Near coast of northern Chile
 ISC IV 30 23 04 45.3-19 27.24S-03 71.01W-04 31 5.5s,5.2b 217 0-178
 IDC IV 30 23 04 40.1-48 27.31S 71.12W 0 5.4,5.4s **18321426**
 MOS IV 30 23 04 40.7-1.1 27.19S 71.09W 10 5.6b,5.4s
 NEIC IV 30 23 04 41.0 27.23S 71.20W 37 5.5s,3.3L
 GUC IV 30 23 04 41.1-1.0 27.23S 71.20W 37-7 5.3L,5.3L
 HRVD IV 30 23 04 41.0-30 27.42S 71.61W 22-1 5.8W,5.3L
 CSEM IV 30 23 04 43.7 27.14S 70.83W 30 5.5b,5.3b
 LDG IV 30 23 04 43.1-26 26.35S 71.15W 10-0 5.4s,5.3b
 ISCJB IV 30 23 04 43.3-19 27.25S-02 71.10W-04 30 5.5s,5.2b
 BJI IV 30 23 04 45.1 27.13S 71.54W 37 5.9s,5.9b
 ISC Event type fe.
 IDC Error ellipse: s-maj=23.5km s-min=13.9km az=85.0.
 MOS Error ellipse: s-maj=11.7km s-min=7.0km az=88.0.
 NEIC Event type fe. Felt [V] at Copiapo and [IV] at Caldera. After GUC.
 GUC Error ellipse: s-maj=3.0km s-min=11.7km az=-1.0.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s38,c49; Mantle waves: s73,c128; Half duration: 1s9 Moment tensor: Scale 10¹⁷Nm; Mr:3.26;20 M₀:0.17;10; M₀:3.42;14; M₀:0.81;18; M₀:0.40;07; M₀:4.63;38; Best double couple: NP1:φ:357.0000°;δ18.0000°;λ96.0000°; NP2:φ:171.0000°;δ72.0000°;λ88.0000°. Principal axes: T 5.6820,Plg63.0000°;AzM78.0000°; N 0.2000,Plg2.0000°;AzM171.0000°; P -5.8770,Plg27.0000°;AzM262.0000°; M:5.77900x10¹⁷

LDG Event type ke. Error ellipse: s-maj=24.2km s-min=15.2km az=125.0.
 ISCJB Event type fe. Error ellipse: s-maj=5.3km s-min=3.3km az=140.5.
(713) Central Kazakhstan
 ISC V 01 00 39 25.1-1.3 42.16N-02 69.34E-03 14-8 4.3b 239 1-95
 ISCJB V 01 00 39 24.9-1.3 42.04N-02 69.32E-04 26-10 4.3b **10698213**
 BJI V 01 00 39 25.3 42.34N 69.36E 32 4.8L,4.8b
 NNC V 01 00 39 26.8-1.2 42.39N 69.20E 15-15 4.7,6.4b
 MOS V 01 00 39 27.0-1.1 42.38N 69.35E 34 4.6b,4.6b
 NEIC V 01 00 39 27.5-29 42.31N 69.40E 27 4.4b,4.6b
 IDC V 01 00 39 28.0-3.0 42.23N 69.42E 32-22 4.2L,4.1
 SZGRF V 01 00 39 39.2 42.34N 69.03E 33 4.0b,4.1
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=4.5km s-min=3.9km az=148.5.
 NNC Error ellipse: s-maj=15.9km s-min=5.9km az=169.0.
 MOS Event type fe. Error ellipse: s-maj=7.7km s-min=5.6km az=130.6. Felt (III-IV) at Chirment, (II) at Tashkent. Moment Tensor Solution.

NEIC Event type fe. Error ellipse: s-maj=7.2km s-min=4.4km az=176.0. Felt [IV] at Shymkent. Felt [II] at Tashkent, Uzbekistan.

IDC Error ellipse: s-maj=14.3km s-min=10.3km az=12.0.
 SZGRF Central Kazakhstan.
(713) Central Kazakhstan
 ISC V 01 00 59 10.4-1.4 42.34N-04 69.35E-04 26-10 4.2b,3.7s 185 1-95
 MOS V 01 00 59 09.9-9.6 42.42N 69.41E 33 4.6b,3.7s **10698214**
 NNC V 01 00 59 10.9-7.7 42.63N 69.16E 16-10 4.9,4.7b
 IDC V 01 00 59 10.1-3.7 42.24N 69.38E 28-25 4.0,3.9
 ISCJB V 01 00 59 10.6-68 42.32N-05 69.40E-05 44-6 4.2b,3.7s
 NEIC V 01 00 59 11.4-29 42.33N 69.44E 35 4.4b,3.7s
 BJI V 01 00 59 12.1 42.42N 69.80E 35 5.0b,4.6b
 ISC Event type fe.
 MOS Error ellipse: s-maj=8.0km s-min=5.7km az=132.5.
 NNC Error ellipse: s-maj=11.3km s-min=4.0km az=177.0.
 IDC Error ellipse: s-maj=14.1km s-min=10.1km az=9.0.
 ISCJB Event type fe. Error ellipse: s-maj=8.5km s-min=5.4km az=31.0.
 NEIC Event type fe. Error ellipse: s-maj=7.2km s-min=4.3km az=179.0. Felt at Shymkent.

(122) Near coast of northern Chile
 ISC V 01 01 35 51.5-57 27.16S-02 71.00W-04 29-3 5.2b,4.9s 306 0-178
 IDC V 01 01 35 46.6-45 27.10S 71.00W 0 5.0b,5.0 **18321432**
 BJI V 01 01 35 48.5 26.83S 72.00W 16 5.7s,5.5s
 ISCJB V 01 01 35 49.9-64 27.17S-02 71.09W-05 30-4 5.2b,4.9s
 NEIC V 01 01 35 49.0 27.26S 71.18W 16 5.5L,5.3b
 HRVD V 01 01 35 49.0-30 27.26S 71.67W 30-1 5.4W,5.3b
 GUC V 01 01 35 49.2-84 27.26S 71.18W 16-7 5.5L,5.3b
 LDG V 01 01 35 50.0-24 26.25S 70.91W 10-0 5.4b,4.9s
 MOS V 01 01 35 50.8-93 26.94S 71.02W 29 5.5b,4.8s
 ISC Event type fe.
 IDC Error ellipse: s-maj=15.5km s-min=11.9km az=84.0.
 ISCJB Event type fe. Error ellipse: s-maj=6.9km s-min=3.7km az=155.7.
 NEIC Event type fe. Felt [IV] at Copiapo and [III] at Caldera. After GUC.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s56,c69; Mantle waves: s69,c109; Half duration: 1s2 Moment tensor: Scale 10¹⁷Nm; Mr:0.93;05 M₀:0.04;03; M₀:0.96;04; M₀:0.21;04; M₀:0.13;02; M₀:1.07;06; Best double couple: NP1:φ:21.0000°;δ22.0000°;λ115.0000°; NP2:φ:174.0000°;δ70.0000°;λ80.0000°. Principal axes: T 1.4500,Plg64.0000°;AzM67.0000°; N -0.0010,Plg9.0000°;AzM177.0000°; P -1.4500,Plg24.0000°;AzM271.0000°; M:1.45000x10¹⁷

GUC Error ellipse: s-maj=2.2km s-min=4.8km az=-1.0.
 LDG Event type ke. Error ellipse: s-maj=27.4km s-min=14.2km az=142.0.
 MOS Error ellipse: s-maj=11.2km s-min=6.4km az=87.4.

(249) Luzon
 ISC V 01 04 40 05.1-84 17.46N-03 122.61E-04 34-6 4.1b,4.1s 49 0-89
 IDC V 01 04 39 59.7-85 17.39N 122.69E 0 4.2,4.2L **19130652**
 ISCJB V 01 04 40 03.7-60 17.47N-03 122.65E-05 44-7 4.1b,4.1s
 NEIC V 01 04 40 04.7-2.9 17.41N 122.59E 35-22 4.4b,4.1s
 MAN V 01 04 40 04.6 17.44N 122.55E 23 5.0L,4.1b
 ISC Event type fe.
 IDC Error ellipse: s-maj=39.6km s-min=16.4km az=83.0.
 ISCJB Event type fe. Error ellipse: s-maj=8.7km s-min=4.3km az=145.2.
 NEIC Event type fe. Error ellipse: s-maj=15.5km s-min=6.9km az=92.0. Felt [III PIVS] at Callao and Tuguegarao City.

MAN Event type fe. F CALLAO TUGUEGARAO CAGAYAN - INTENSITY III.
(122) Near coast of northern Chile
 GUC V 01 05 45 53.9-2.0 27.28S 71.25W 15-23 3.8,3.4L **18646837**
 NEIC V 01 05 45 53.9 27.28S 71.25W 15 3.4L,3.4L
 GUC Error ellipse: s-maj=6.7km s-min=22.4km az=-1.0.
 NEIC Event type fe. Felt [II] at Copiapo. After GUC.

(2) Southern Alaska
 ISC V 01 06 14 55.1-40 60.17N-04 152.13W-08 89-3 4.1b 91 1-80
 ISCJB V 01 06 14 54.0-42 60.17N-04 152.15W-08 91-3 4.1b **10698221**
 IDC V 01 06 14 53.8-1.1 60.25N 152.30W 69-11 4.1,4.0
 NEIC V 01 06 14 56.6 60.16N 152.02W 75 4.1,4.0
 BJI V 01 06 14 57.2 61.15N 151.55W 50 5.2b,4.7b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=6.3km s-min=6.0km az=39.9.
 IDC Error ellipse: s-maj=15.6km s-min=8.5km az=103.0.
 NEIC Event type fe. Felt [II] at Homer. Also felt at Anchor Point. After AEIC.

(227) Eastern Honshu
 ISC V 01 07 00 43.6-31 36.12N-02 139.72E-05 64-2 4.4b 106 0-148
 NIED V 01 07 00 00 36.20N 139.70E 62 4.4W **10698222**
 MOS V 01 07 00 38.1-82 36.04N 139.65E 33 4.6b
 ISCJB V 01 07 00 42.5-31 36.11N-02 139.75E-05 70-2 4.3b
 BJI V 01 07 00 42.0 36.28N 140.02E 78 5.0b,4.5b
 JMA V 01 07 00 43.9 36.14N 139.73E 59-1 4.4,4.5b
 NEIC V 01 07 00 43.4-29 36.04N 139.65E 63 4.5b,4.3W
 IDC V 01 07 00 44.1-60 36.04N 139.53E 69-6 4.3,4.1
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:253.0000°;δ73.0000°;λ66.0000°; NP2:φ:130.0000°;δ29.0000°;λ143.0000°; M:3.99000x10¹⁵

MOS Error ellipse: s-maj=16.4km s-min=7.4km az=99.7.
 ISCJB Event type fe. Error ellipse: s-maj=6.1km s-min=4.2km az=7.5.
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:129.0000°;δ21.0000°;λ140.0000°; NP2:φ:257.0000°;δ77.0000°;λ74.0000°; Principal axes: T Plg55.0000°;AzM147.0000°; N Plg16.0000°;AzM261.0000°; P Plg30.0000°;AzM0.0000°
 NEIC Event type fe. Error ellipse: s-maj=7.8km s-min=6.7km az=56.0. Felt at Tokyo and Yokohama. Recorded [3 JMA] in Ibaraki and Tochigi; [2 JMA] in Chiba, Fukushima, Gumma, Kanagawa, Saitama and Tokyo; [1 JMA] in Shizuoka and Yamanashi Prefectures. Moment Tensor Solution. M:4.00000x10¹⁵

IDC Error ellipse: s-maj=15.2km s-min=8.0km az=78.0.
(122) Near coast of northern Chile
 ISC V 01 07 32 42.1-1.9 27.26S-05 71.48W-09 1-13 3.8b 22 1-152
 ISCJB V 01 07 32 41.7-1.5 27.28S-04 71.49W-07 7-9 3.7b **18646841**
 NEIC V 01 07 32 43.8 27.33S 71.34W 6 4.4L
 IDC V 01 07 32 43.9-2.7 27.12S 71.07W 0 3.8b,3.4
 GUC V 01 07 32 43.8-83 27.33S 71.34W 6-3 4.4L,3.4
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=11.2km s-min=6.4km az=40.1.
 NEIC Event type fe. Felt [II] at Copiapo. After GUC.
 IDC Error ellipse: s-maj=12.9km s-min=32.8km az=71.0.
 GUC Error ellipse: s-maj=2.3km s-min=4.3km az=-1.0.

(80) Panama-Costa Rica border region
 ISC V 01 07 48 03.2-21 8.10N-03 82.92W-02 36 5.6s,5.0b 495 1-158
 BJI V 01 07 47 57.3 7.88N 82.45W 13 6.2s,6.0s **10698223**
 IDC V 01 07 47 57.5-57 8.26N 82.75W 0 5.7L,5.5s
 HRVD V 01 07 47 59.9-10 8.11N 82.88W 12 5.9W,5.5s
 NEIC V 01 07 47 59.9-22 8.17N 82.88W 13 5.9L,5.9W
 MOS V 01 07 47 59.3-95 8.30N 82.83W 16 5.6s,5.4b
 SZGRF V 01 07 48 00.2 7.50N 82.50W 33 6.1s,5.3b
 CSEM V 01 07 48 00.7-2.6 8.15N 82.84W 13-0 5.1b,4.9
 ISCJB V 01 07 48 01.3-20 8.13N-03 82.93W-02 34 5.6s,5.0b
 ISC Event type fe.
 HRVD nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s102,c235; Mantle waves: s107,c338; Half duration: 2s2 Moment tensor: Scale 10¹⁸Nm; Mr:0.72;01 M₀:0.52;01; M₀:0.19;01; M₀:0.35;02; M₀:0.54;01; M₀:0.02;02; Best double couple: NP1:φ:326.0000°;δ39.0000°;λ121.0000°; NP2:φ:108.0000°;δ57.0000°;λ67.0000°. Principal axes: T 0.8430,Plg68.0000°;AzM329.0000°; N 0.1270,Plg19.0000°;AzM121.0000°; P -0.9700,Plg9.0000°;AzM215.0000°; M:0.90700x10¹⁸

NEIC Event type fe. Felt [III] at Bajo Boquete, Panama. Felt at Bocas del Toro, Bugaba, David and Puerto Armuelles, Panama. Also felt at Golfito and San Vito, Costa Rica. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s46 Moment tensor: Scale 10¹⁷Nm; Mr:7.69 M₀:2.96 M₀:4.00 M₀:4.73 M₀:0.84 M₀:4.07 M₀:1.44 Best double couple: NP1:φ:152.0000°;δ48.0000°;λ105.0000°; NP2:φ:310.0000°;δ44.0000°;λ73.0000°. Principal axes: T 8.0300,Plg78.0000°;AzM31.0000°; N 0.0100,Plg11.0000°;AzM322.0000°; P -8.0400,Plg2.0000°;AzM232.0000°; M:8.00000x10¹⁷ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:285.0000°;δ20.0000°;λ90.0000°; NP2:φ:105.0000°;δ70.0000°;λ90.0000°. Principal axes: T Plg65.0000°;AzM15.0000°; N Plg0.0000°;AzM0.0000°; P Plg25.0000°;AzM195.0000°

SZGRF South of Panama.
 ISCJB Event type fe.
(60) Panama-Costa Rica border region
 ISC V 01 09 13 32.1-20 8.05N-03 82.93W-02 10 5.0b,5.0s 477 1-169
 ISCJB V 01 09 13 30.5-20 8.07N-03 82.91W-02 10 5.0b,5.0s \uparrow 10698225
 SZGRF V 01 09 13 30.6 7.96N 82.42W 33 5.5s,5.2b
 CASC V 01 09 13 31.5-2.3 7.97N 82.97W 10-0 5.2b,4.9
 NEIC V 01 09 13 32.0-21 8.12N 82.87W 10 5.2b,5.0L
 BJI V 01 09 13 31.3 8.53N 83.47W 10 5.8b,5.7s
 HRVD V 01 09 13 32.0-10 8.13N 82.88W 12 5.5W,5.7s
 MOS V 01 09 13 33.3-1.1 8.19N 82.85W 26 5.4b,4.8s
 CSEM V 01 09 13 34.0 8.12N 82.94W 30 5.5L,4.8s
 IDC V 01 09 13 36.6-1.4 8.13N 83.04W 49-12 5.0s,5.0

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=4.7km s-min=2.5km az=62.8.
 SZGRF Off coast of Costa Rica.
 CASC Error ellipse: s-maj=16.9km s-min=7.5km az=-1.0.
 NEIC Event type fe. Error ellipse: s-maj=6.1km s-min=3.6km az=215.0. Felt at Bajo Boquete, Panama. Also felt in southern Costa Rica.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s19,c143; Mantle waves: s101,c208; Half duration: 1s4 Moment tensor: Scale 1017Nm; M_r-0.27±0.03; M₀-0.77±0.02; M₁-1.50±0.03; M₂-0.46±0.07; M₃-1.24±0.02; M₄-1.01±0.07; Best double couple: NP1:φ=317.00000°; δ21.00000°; λ80.00000°; NP2:φ=149.00000°; δ68.00000°; λ96.00000°; Principal axes: T 2.5310,Plg76.0000°; Azm78.0000°; N 0.1370,Plg5.0000°; Azm325.0000°; P -2.6670,Plg12.0000°; Azm234.0000°; M₀2.59900×10¹⁷

MOS Error ellipse: s-maj=6.4km s-min=4.6km az=103.2.
 IDC Error ellipse: s-maj=13.7km s-min=7.9km az=36.0.

(122) Near coast of northern Chile
 ISC V 01 15 56 59.9-84 26.82S-03 70.94W-10 27-5 4.2b,4.1s 46 0-170
 IDC V 01 15 56 55.8-71 26.78S 70.77W 0 4.2b,4.2
 ISCJB V 01 15 56 58.9-42 26.81S-03 70.97W-07 33 4.2b,4.1s \uparrow 8338294
 NEIC V 01 15 56 59.3 26.88S 70.96W 33 4.9L,4.3b
 BJI V 01 15 56 59.3 26.90S 71.00W 32 5.1s,5.0b
 GUC V 01 15 56 59.3-1.1 26.88S 70.96W 33-5 4.9L,5.0b
 ISC Event type fe.
 IDC Error ellipse: s-maj=27.3km s-min=21.9km az=92.0.
 ISCJB Event type fe. Error ellipse: s-maj=9.3km s-min=4.1km az=176.9.
 NEIC Event type fe. Felt [III] at Copiapo. After GUC.
 GUC Error ellipse: s-maj=3.1km s-min=13.6km az=-1.0.

(460) Wyoming
 ISC V 01 18 03 39.7-53 43.81N-05 105.19W-07 0 4.0b 28 1-90
 ISCJB V 01 18 03 38.1-55 43.78N-05 105.22W-08 0 4.0b \uparrow 9130673
 IDC V 01 18 03 40.0-2.0 43.94N 105.67W 0 3.9b,3.8
 NEIC V 01 18 03 40.1-50 43.77N 105.22W 0 3.4L,3.8
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=8.8km s-min=6.1km az=73.6.
 IDC Error ellipse: s-maj=69.6km s-min=9.7km az=144.0.
 NEIC Event type fm. Error ellipse: s-maj=7.3km s-min=5.7km az=129.0. 60 km [35 miles] SSE of Gillette. Suspected Mining explosion.

(111) Northern Peru
 ISC V 01 21 10 42.8-1.1 6.20S-05 77.14W-07 128-10 4.3b 136 6-161
 ISCJB V 01 21 10 40.7-1.2 6.18S-05 77.20W-07 125-11 4.5b \uparrow 8321459
 NEIC V 01 21 10 40.8-85 6.16S 77.04W 111-7 4.6b
 BJI V 01 21 10 40.8 6.20S 77.00W 110 5.5b
 MOS V 01 21 10 40.4-76 6.08S 77.12W 117 4.8b
 IDC V 01 21 10 43.4-67 6.10S 77.18W 132-5 4.5,4.2
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=12.6km s-min=7.3km az=123.0.
 NEIC Event type fe. Error ellipse: s-maj=8.0km s-min=5.1km az=60.0. Felt [II] at Chachapoyas.
 MOS Error ellipse: s-maj=11.5km s-min=9.0km az=90.8.
 IDC Error ellipse: s-maj=18.1km s-min=9.5km az=59.0.

(122) Near coast of northern Chile
 ISC V 02 05 34 01.4-49 27.20S-03 71.28W-05 10 4.1b,3.5s 38 0-151
 ISCJB V 02 05 33 59.7-49 27.20S-03 71.34W-05 10 4.1b,3.5s \uparrow 8646886
 IDC V 02 05 33 59.9-92 27.20S 71.17W 0 4.1,4.1
 GUC V 02 05 33 59.9-76 27.30S 71.26W 2-3 4.7L,4.1
 NEIC V 02 05 34 01.3-2.5 27.17S 71.22W 9-14 4.7L,4.4b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=6.2km s-min=4.3km az=10.6.
 IDC Error ellipse: s-maj=33.2km s-min=23.5km az=86.0.
 GUC Error ellipse: s-maj=2.1km s-min=4.0km az=-1.0.
 NEIC Event type fe. Error ellipse: s-maj=23.3km s-min=7.2km az=84.0. Felt [II] at Caldera and Copiapo.

(122) Near coast of northern Chile
 GUC V 02 06 32 40.2-81 27.31S 71.27W 25-7 4.0,3.9L \uparrow 8646887
 NEIC V 02 06 32 40.2 27.31S 71.27W 25 3.9L,3.9L
 Error ellipse: s-maj=2.3km s-min=5.7km az=-1.0.
 ISC Event type fe. Felt [III] at Copiapo and [II] at Caldera. After GUC.

(284) South of Bali
 ISC V 02 08 33 03.8-1.2 10.15S-20 114.6E-20 35 4.0b 16 12-117
 IDC V 02 08 32 59.7-1.1 9.55S 115.12E 0 4.1,4.0L \uparrow 9130701
 NEIC V 02 08 33 02.6-1.0 10.06S 114.65E 25 4.2b,4.0L
 ISCJB V 02 08 33 05.8-3.0 10.4S-30 114.9E-30 33 4.0b,4.0L
 ISC Event type fe.
 NEIC Event type fe. Felt [III] at Denpasar, Bali and [II] at Bima, Sumbawa.
 ISCJB Event type fe.

(230) Near south coast of eastern Honshu
 ISC V 02 09 24 30.4-45 34.89N-02 139.37E-02 17-2 4.7b,4.1s 236 0-149
 NIED V 02 09 24 00.0 34.90N 139.30E 20 4.8W,4.1s \uparrow 10698240
 BJI V 02 09 24 23.2 34.67N 140.16E 26 4.7b,4.6s
 IDC V 02 09 24 27.1-42 34.79N 139.30E 0 4.5,4.5
 ISCJB V 02 09 24 29.9-38 34.84N-02 139.40E-02 25-2 4.7b,4.1s
 MOS V 02 09 24 30.9-1.1 34.80N 139.22E 33 5.0b,4.1s
 HRVD V 02 09 24 31.5-40 34.92N 139.15E 25-1 4.9W,4.1s
 JMA V 02 09 24 31.0-10 34.92N 139.33E 15-1 5.1,4.1s
 NEIC V 02 09 24 31.5-21 34.77N 139.26E 26 4.8W,4.8b
 SZGRF V 02 09 24 37.3 33.96N 139.26E 33 5.0b,4.8b

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=286.00000°; δ87.00000°; λ158.00000°; NP2:φ=17.00000°; δ68.00000°; λ3.00000°; M₀1.68000×10¹⁶
 IDC Error ellipse: s-maj=17.1km s-min=10.7km az=79.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.5km s-min=3.3km az=154.5.
 MOS Error ellipse: s-maj=12.1km s-min=6.0km az=104.8.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s19,c21; Mantle waves: s75,c109; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_r-0.06±1.17±11; M₀-1.24±11; M₁-0.63±21; M₂-2.46±09; M₃-0.24±21; Best double couple: NP1:φ=13.00000°; δ76.00000°; λ1.00000°; NP2:φ=283.00000°; δ89.00000°; λ166.00000°; Principal axes: T 2.8750,Plg11.0000°; Azm237.0000°; N -0.1010,Plg76.0000°; Azm98.0000°; P -2.7670,Plg9.0000°; Azm329.0000°; M₀2.82100×10¹⁶

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=205.00000°; δ69.00000°; λ8.00000°; NP2:φ=112.00000°; δ82.00000°; λ159.00000°; Principal axes: T Plg20.0000°; Azm67.0000°; N Plg68.0000°; Azm273.0000°; P Plg9.0000°; Azm160.0000°
 NEIC Event type fe. Error ellipse: s-maj=6.4km s-min=5.3km az=73.0. Felt [VI] at Yokohama; [IV] at Zushi; [III] at Ayase, Yamaya and Yokosuka; [II] at Tokyo. Also felt at Atsugi and Musashino. Recorded [4 JMA] in Kanagawa and Shizuoka; [3 JMA] in Chiba and Tokyo; [2 JMA] in Nagano, Saitama and Yamanashi; [1 JMA] in Aichi, Gifu, Ibaraki and Tochigi Prefectures. Moment Tensor Solution. M₀1.70000×10¹⁶

SZGRF Southeast of Honshu, Japan.
(230) Near south coast of eastern Honshu
 JMA V 02 09 26 35.2-10 34.92N 139.33E 17-1 4.3 \uparrow 9261314
 NIED V 02 09 26 00 34.90N 139.30E 8 4.0W
 JMA Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=202.00000°; δ86.00000°; λ8.00000°; NP2:φ=112.00000°; δ82.00000°; λ176.00000°; M₀1.02000×10¹⁵

(122) Near coast of northern Chile
 GUC V 02 12 10 38.0-37 27.51S 71.08W 22-5 4.2L \uparrow 8646899
 NEIC V 02 12 10 38.0 27.51S 71.08W 22 4.2L

GUC Error ellipse: s-maj=0.9km s-min=4.0km az=-1.0.
 NEIC Event type fe. Felt [II] at Copiapo. After GUC.

(122) Near coast of northern Chile
 ISC V 02 13 42 37.2-1.2 27.50S-03 71.37W-06 4-7 4.7b,4.7s 123 1-170
 GUC V 02 13 42 35.1-85 27.50S 71.67W 11-7 5.0L,4.7s \uparrow 8338322
 ISCJB V 02 13 42 36.1-1.3 27.48S-02 71.39W-05 8-8 4.7b,4.7s
 IDC V 02 13 42 36.1-51 27.43S 71.25W 0 4.6s,4.6
 BJI V 02 13 42 38.7 27.69S 72.11W 22 5.3b,5.0s
 HRVD V 02 13 42 39.7-20 27.64S 71.85W 12 5.3W,5.0s
 MOS V 02 13 42 39.9-1.5 27.49S 71.22W 33 5.2b,5.0s
 NEIC V 02 13 42 39.7-17 27.51S 71.23W 22 5.0L,4.9b

ISC Event type fe.
 GUC Error ellipse: s-maj=2.7km s-min=6.5km az=-1.0.
 ISCJB Event type fe. Error ellipse: s-maj=7.6km s-min=4.1km az=166.4.
 IDC Error ellipse: s-maj=21.9km s-min=13.4km az=84.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s49,c71; Mantle waves: s92,c164; Half duration: 1s1 Moment tensor: Scale 1017Nm; M_r-0.66±0.1 M₀0.04±0.1; M₁-0.69±0.1; M₂-0.05±0.3; M₃-0.03±0.1; M₄-0.73±0.3; Best double couple: NP1:φ=359.00000°; δ21.00000°; λ92.00000°; NP2:φ=177.00000°; δ69.00000°; λ89.00000°; Principal axes: T 0.9850,Plg66.0000°; Azm85.0000°; N 0.0360,Plg1.0000°; Azm177.0000°; P -1.0200,Plg24.0000°; Azm267.0000°; M₀1.02000×10¹⁷

MOS Error ellipse: s-maj=16.5km s-min=8.3km az=103.1.
 NEIC Event type fe. Error ellipse: s-maj=6.4km s-min=3.8km az=74.0. Felt [II] at Copiapo.
(122) Near coast of northern Chile
 ISC V 02 13 58 29.8-1.5 27.45S-03 71.35W-08 13-9 4.5s,4.4b 78 1-160
 NEIC V 02 13 58 27.2 27.44S 71.68W 32 4.8L,4.6b \uparrow 8338323
 ISCJB V 02 13 58 27.6-1.6 27.48S-03 71.45W-07 11-10 4.5s,4.4b
 HRVD V 02 13 58 27.2-20 27.61S 71.86W 15-1 5.2W,4.4b
 GUC V 02 13 58 27.2-77 27.44S 71.68W 32-12 4.8L,4.4b
 IDC V 02 13 58 28.0-68 27.39S 71.28W 0 4.4,4.4s
 MOS V 02 13 58 31.2-1.2 27.44S 71.12W 33 5.0b,4.4b
 BJI V 02 13 58 32.2 27.40S 71.70W 31 5.3b,4.8s

ISC Event type fe.
 NEIC Event type fe. Felt [III] at Copiapo. After GUC.
 ISCJB Event type fe. Error ellipse: s-maj=10.1km s-min=5.3km az=162.4.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s32,c41; Mantle waves: s74,c114; Half duration: 1s0 Moment tensor: Scale 1017Nm; M_r-0.46±0.3 M₀0.03±0.1; M₁-0.49±0.2; M₂-0.03±0.4; M₃-0.03±0.1; M₄-0.77±0.8; Best double couple: NP1:φ=352.00000°; δ16.00000°; λ80.00000°; NP2:φ=182.00000°; δ74.00000°; λ93.00000°; Principal axes: T 0.8940,Plg61.0000°; Azm96.0000°; N 0.0260,Plg3.0000°; Azm1.0000°; P -0.9200,Plg29.0000°; Azm269.0000°; M₀0.90700×10¹⁷

GUC Error ellipse: s-maj=3.4km s-min=8.9km az=-1.0.
 IDC Error ellipse: s-maj=25.0km s-min=18.4km az=78.0.
 MOS Error ellipse: s-maj=18.3km s-min=9.8km az=93.6.
(705) Off west coast of northern Sumatra
 ISC V 02 16 07 23.9-1.4 4.81N-08 95.26E-08 79-13 4.5b 83 4-83
 BJI V 02 16 07 14.4 4.15N 95.18E 50 5.2b,4.8b \uparrow 8480578
 MOS V 02 16 07 16.1-89 4.67N 95.05E 33 4.9b,4.8b
 NEIC V 02 16 07 16.6-57 4.64N 94.89E 30 4.7b,4.8b
 IDC V 02 16 07 21.8-3.8 4.74N 95.11E 67-35 4.4,4.2
 ISCJB V 02 16 07 22.6-1.5 4.79N-08 95.29E-08 86-14 4.5b,4.2
 ISC Event type fe.
 NEIC Event type fe. Felt [III] at Banda Aceh.
 ISCJB Event type fe.

(211) Southeast of Honshu
 ISC V 02 22 59 57.5-67 33.59N-04 140.03E-06 106-5 3.5b 31 1-54
 ISCJB V 02 22 59 56.4-67 33.59N-04 140.05E-06 112-5 3.5b \uparrow 9598387
 IDC V 02 22 59 57.8-18 33.47N 139.87E 106-5 3.5,3.3
 JMA V 02 22 59 58.0-10 33.65N 140.00E 98-2 3.3,3.3
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=8.4km s-min=6.5km az=167.4.
 IDC Error ellipse: s-maj=67.7km s-min=10.9km az=75.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.

(122) Near coast of northern Chile
 GUC V 02 23 03 25.8-61 27.58S 71.56W 19-11 3.7L \uparrow 8646912
 NEIC V 02 23 03 25.0 27.58S 71.56W 19 3.7L
 GUC Error ellipse: s-maj=2.0km s-min=5.6km az=-1.0.
 NEIC Event type fe. Felt [II] at Copiapo. After GUC.

(710) Pakistan
 ISC V 03 01 25 04.5-96 34.66N-02 73.27E-03 27-7 4.5b,3.7s 210 1-83
 NDI V 03 01 24 59.8-3.2 34.86N 73.04E 10-0 4.3L,4.3b \uparrow 8338347
 BJI V 03 01 24 59.7 34.87N 73.13E 5 5.0b,4.7
 IDC V 03 01 25 00.3-66 34.66N 73.22E 0 4.5,4.4L
 ISCJB V 03 01 25 01.6-90 34.64N-02 73.32E-03 21-7 4.5b,3.7s
 NEIC V 03 01 25 02.3-34 34.68N 73.22E 10 4.3b,3.7s
 MOS V 03 01 25 04.7-1 34.77N 73.22E 39 4.6b,3.7s
 NNC V 03 01 25 09.1-11 34.86N 72.48E 82-94 5.0,4.1b
 ISC Event type fe.
 NDI Error ellipse: s-maj=11.1km s-min=13.2km az=-1.0.
 IDC Error ellipse: s-maj=17.4km s-min=15.2km az=76.0.
 ISCJB Event type fe. Error ellipse: s-maj=5.1km s-min=3.0km az=121.3.
 NEIC Event type fe. Error ellipse: s-maj=7.1km s-min=5.9km az=188.0. Felt at Abbottabad, Balakot, Islamabad and Manshera.
 MOS Error ellipse: s-maj=10.0km s-min=5.2km az=102.2.
 NNC Error ellipse: s-maj=112.7km s-min=76.1km az=44.0.

(227) Eastern Honshu
 ISC V 03 06 48 49.8-34 36.72N-03 139.48E-05 121-2 3.7b 57 0-74
 ISCJB V 03 06 48 48.7-34 36.72N-03 139.49E-05 126-2 3.7b \uparrow 8713299
 IDC V 03 06 48 49.9-85 36.73N 139.49E 120-7 4.0,3.6
 MOS V 03 06 48 49.4-88 36.84N 139.40E 130 3.8b,3.6
 NEIC V 03 06 48 50.1 36.68N 139.51E 116 3.6,3.6
 JMA V 03 06 48 50.1-10 36.68N 139.51E 115-1 3.5,3.6
 NIED V 03 06 49 00 36.70N 139.60E 135 3.9W,3.6
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=7.2km s-min=4.5km az=23.6.
 IDC Error ellipse: s-maj=16.5km s-min=9.6km az=76.0.
 MOS Error ellipse: s-maj=21.5km s-min=13.7km az=89.3.
 NEIC Event type se. After JMA.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=50.00000°; δ82.00000°; λ117.00000°; NP2:φ=156.00000°; δ28.00000°; λ18.00000°; M₀8.29000×10¹⁴

(186) Vanuatu Islands
 ISC V 03 07 40 27.4-17 17.97S-03 168.49E-04 120 5.1b 197 0-167
 SZGRF V 03 07 40 09.4 20.67S 168.56E 33 5.1b \uparrow 8338353
 LDG V 03 07 40 13.5-36 17.92S 167.84E 10-0 5.3b,2.2b
 BJI V 03 07 40 24.8 17.63S 168.75E 111 5.3b,5.2s
 ISCJB V 03 07 40 25.7-17 17.93S-03 168.40E-04 118 5.1b,5.2b
 IDC V 03 07 40 27.3-76 17.96S 168.42E 122-6 5.0,4.7
 HRVD V 03 07 40 27.4-10 17.98S 168.38E 128-0 5.4W,4.7
 NEIC V 03 07 40 27.4-20 17.96S 168.50E 119 5.1b,4.7
 MOS V 03 07 40 28.3-1.1 17.84S 168.39E 138 5.3b,4.5s

ISC Event type fe.
 SZGRF Loyalty Islands.
 LDG Event type ke. Error ellipse: s-maj=38.8km s-min=16.6km az=2.0.
 ISCJB Event type fe. Error ellipse: s-maj=5.4km s-min=4.5km az=46.8.
 IDC Error ellipse: s-maj=11.3km s-min=8.7km az=76.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s84,c152; Mantle waves: s94,c179; Half duration: 1s2 Moment tensor: Scale 1017Nm; M_r-0.98±0.2 M₀0.93±0.3; M₁-0.05±0.3; M₂-0.75±0.2; M₃-0.63±0.2; M₄-0.79±0.2; Best double couple: NP1:φ=261.00000°; δ26.00000°; λ-59.00000°; NP2:φ=48.00000°; δ68.00000°; λ-104.00000°; Principal axes: T 1.6670,Plg22.0000°; Azm148.0000°; N -0.1940,Plg13.0000°; Azm53.0000°; P -1.4730,Plg64.0000°; Azm294.0000°; M₀1.57000×10¹⁷

NEIC Event type fe. Error ellipse: s-maj=9.2km s-min=6.3km az=147.0. Felt at Port-Vila.
 MOS Error ellipse: s-maj=9.6km s-min=9.0km az=87.6.
(224) Hokkaido region
 ISC V 03 13 07 30.8-34 42.89N-02 144.99E-03 47-2 5.0b,4.2s 550 0-155

Table with columns for station name, coordinates, and magnitude. Includes stations like NIED, MOS, SZGRF, etc.

ISC Event type fe. Error ellipse: s-maj=4.7km s-min=2.9km az=126.1.

MOS Event type fe. Error ellipse: s-maj=6.9km s-min=4.0km az=104.0. Felt (I-II) at Yuzhno-Kuril'sk. Moment Tensor Solution.

SZGRF Hokkaido, Japan, region. ISCJB JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution.

IDC Error ellipse: s-maj=11.3km s-min=10.5km az=95.0. HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.

NEIC Event type fe. Error ellipse: s-maj=3.9km s-min=2.7km az=161.0. Felt [II] at Yuzhno-Kuril'sk, Kunashir.

ISC V 03 13 53 38.5-42 39.73N-04 118.44E-03 10 3.5b 36 2-70. ISCJB V 03 13 53 37.4-49 39.64N-04 118.43E-03 10 3.5b 18647430.

ISCJB V 03 13 53 40.7-49 39.68N 118.45E 30 4.2L,3.8s. BJI V 03 13 53 42.6-1.0 39.99N 118.15E 10 3.9b,3.8s.

NEIC V 03 13 53 44.8-3.4 40.73N 118.90E 0 3.9,3.7. IDC V 03 14 02 25.9-32 39.69N-03 118.57E-03 10 3.9b,3.4s 57 2-70.

ISCJB V 03 14 02 24.2-34 39.73N-04 118.60E-04 10 3.9b,3.4s 18647431. IDC V 03 14 02 24.5-82 39.69N 118.54E 0 4.0L,3.9.

ISCJB V 03 14 02 24.7 39.66N 118.60E 12 4.1b,4.4L. BJI V 03 14 02 25.9-60 39.69N 118.47E 10 4.1b,4.4L.

NEIC V 03 14 02 29.4-1.5 39.93N 118.26E 33 4.4b,4.4L. MOS V 03 15 26 40.0-09 20.16S-02 174.15W-02 53 7.7s,7.0b 694 7-172.

ISC V 03 15 25 50.9-2.4 14.20S 176.30E 55-0 7.9W,7.0b 10698255. IDC V 03 15 26 32.3-34 20.00S 174.33W 0 7.7s,7.7.

SZGRF V 03 15 26 33.8 19.96S 173.94W 33 8.0b,7.7. CRAAG V 03 15 26 34.6 19.99S 174.21W 7 8.0W,7.7.

ISCJB V 03 15 26 37.9-09 20.14S-02 174.20W-02 51 7.7s,7.0b. MOS V 03 15 26 37.0-1.5 19.98S 174.22W 33 7.7s,7.2b.

BIJ V 03 15 26 38.3 19.76S 173.72W 54 7.9s,7.9b. HRVD V 03 15 26 40.3-10 20.39S 173.47W 68-0 8.0W,7.9b.

NEIC V 03 15 26 40.3-08 20.19S 174.12W 55 8.1,7.9W. IGIL V 03 15 26 41.2 20.09S 174.22W 55 7.7s,7.9W.

ISC Event type de. Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0. GUC Error ellipse: s-maj=11.7km s-min=8.5km az=138.0.

SZGRF Tonga Islands. ISCJB Event type de. Error ellipse: s-maj=3.5km s-min=2.1km az=66.1.

MOS Error ellipse: s-maj=7.4km s-min=5.4km az=62.5. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: phi=358.00000, lambda=75.00000.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=50s. LP2 refers to surface/mantle waves, cutoff=150s.

NEIC Event type fe. Error ellipse: s-maj=5.3km s-min=2.5km az=121.0. One person injured, a church damaged, windows broken and items knocked from shelves [VII] at Nuku'alofa.

JMA V 03 15 44 08.4-10 36.13N 139.85E 53-1 3.7 19801340. Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.

ISC V 03 19 40 35.1-42 41.91N-02 23.12E-04 5-4 53 0-5. SOF V 03 19 40 34.5 41.97N 23.20E 0 2.8 19130760.

NEIC V 03 19 40 34.6 41.93N 23.10E 4 2.9L,2.8. ISCJB V 03 19 40 34.2-44 41.92N-02 23.12E-04 6-4 2.9L,2.8.

THE V 03 19 40 34.7 41.93N 23.10E 1 3.5L,2.8. CSEM V 03 19 40 34.5-08 41.97N 23.12E 5 3.3,2.8.

ATH V 03 19 40 36.6 41.77N 23.13E 18-0 3.4,2.8. ISC Event type fe. Felt at Blagoevgrad, Bulgaria. After THE.

ISCJB Event type fe. Error ellipse: s-maj=5.0km s-min=3.6km az=35.6. CSEM Event type ke. Error ellipse: s-maj=1.9km s-min=1.3km az=125.0.

ATH Error ellipse: s-maj=1.0km s-min=0.9km az=-1.0. (224) Hokkaido region

ISC V 03 21 32 00.3-1.2 42.94N-07 145.66E-09 38-11 3.5b 20 0-65. IDC V 03 21 31 58.6-8.4 42.80N 145.98E 38-57 3.5,3.4L 19598430.

Table with columns for station name, coordinates, and magnitude. Includes stations like JMA, ISC, IDC, etc.

ISC V 03 23 04 09.8-63 30.58N-04 131.16E-07 36-5 3.9b 44 0-86. MOS V 03 23 04 07.1-81 30.61N 131.18E 33 4.3b 18713325.

ISCJB V 03 23 04 08.5-68 30.53N-04 131.19E-08 44-5 3.9b. JMA V 03 23 04 09.1-10 30.56N 131.21E 29-1 4.0.

NEIC V 03 23 04 09.9-76 30.58N 131.10E 36-7 4.1b. IDC V 03 23 04 10.3-2.7 30.60N 131.04E 39-24 3.7,3.7.

ISC Event type fe. Error ellipse: s-maj=21.2km s-min=12.0km az=110.3. MOS Error ellipse: s-maj=11.5km s-min=6.0km az=44.7.

ISCJB Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0. JMA Event type se. Error ellipse: s-maj=9.3km s-min=6.2km az=98.0.

NEIC Error ellipse: s-maj=26.7km s-min=14.4km az=87.0. IDC (226) Near west coast of eastern Honshu

ISC V 04 01 17 29.0-50 37.13N-03 137.44E-05 14-4 3.9b 38 0-80. ISCJB V 04 01 17 29.0-44 37.12N-03 137.41E-06 25-4 3.9b 18713338.

JMA V 04 01 17 29.2 37.13N 137.44E 16-1 3.9. IDC V 04 01 17 29.0-3.9 37.04N 137.42E 14-25 3.9,3.8.

MOS V 04 01 17 29.2-92 37.02N 137.38E 28 4.4b,3.8. NEIC V 04 01 17 30.3-1.5 37.07N 137.49E 24-12 4.3b,3.8.

ISC Event type fe. Error ellipse: s-maj=7.8km s-min=4.3km az=141.4. JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: phi=348.00000, lambda=149.00000.

ISCJB Principal axes: T P1g6.0000, Azm217.0000; N P1g53.0000, Azm119.0000; P P1g36.0000, Azm311.0000. IDC Error ellipse: s-maj=23.9km s-min=15.3km az=48.0.

MOS Error ellipse: s-maj=32.0km s-min=12.9km az=130.2. NEIC Event type fe. Error ellipse: s-maj=21.3km s-min=9.8km az=55.0. Recorded [2 JMA] in Ishikawa and [1 JMA] in Niigata and Toyama Prefectures.

(121) Off coast of northern Chile. ISC V 04 03 40 30.0-1.1 26.98S-03 71.21W-07 15-7 4.7b,4.3s 95 0-159. ISCJB V 04 03 40 29.4-1.3 26.98S-03 71.24W-07 22-9 4.7b,4.3s 18647497.

NEIC V 04 03 40 30.7 26.99S 71.20W 9 4.9L,4.8b. IDC V 04 03 40 30.7-1.2 26.99S 71.20W 9-4 4.9L,4.4.

GUC V 04 03 40 31.9-75 26.90S 71.04W 27-4 4.2b,4.2. MOS V 04 03 40 32.2-1.2 26.69S 71.15W 33 5.0b,4.2.

ISC Event type fe. Error ellipse: s-maj=9.7km s-min=5.0km az=5.7. ISCJB Event type fe. Felt [III] at Copiapo and [II] at Caldera. After GUC.

NEIC Error ellipse: s-maj=3.5km s-min=7.5km az=-1.0. GUC Error ellipse: s-maj=26.9km s-min=18.5km az=91.0.

MOS Error ellipse: s-maj=16.9km s-min=9.7km az=96.3. (274) Southern Sumatra. ISC V 04 07 09 57.9-3.1 1.5S-40 100.7E-40 47-22 4.3b 16 5-145.

NEIC V 04 07 09 53.9-1.1 1.93S 100.25E 30 4.5b 19130784. ISCJB V 04 07 09 56.2-3.3 1.5S-30 100.8E-40 47-24 4.3b.

IDC V 04 07 09 58.1-5.1 1.62S 100.57E 55-39 4.1,4.0. ISC Event type fe. Error ellipse: s-maj=54.0km s-min=10.5km az=55.0. Felt [II] at Padang.

NEIC Event type fe. Error ellipse: s-maj=89.1km s-min=14.2km az=100.2. ISCJB Error ellipse: s-maj=87.4km s-min=15.9km az=54.0.

IDC (80) Panama-Costa Rica border region. NEIC V 04 17 43 09.7 8.90N 82.54W 0 4.5L 10665340.

Event type de. Slight damage [V] at Boquete, Panama. Felt [IV] at Cerro Punta and Volcan Baru; [III] at La Concepcion and David, Panama. Felt [III] at San Vito and [II] at Gofito, Costa Rica. After CASC.

(460) Wyoming. ISC V 04 20 05 06.3-59 43.76N-05 105.30W-07 0 4.3b 24 1-61. IDC V 04 20 05 01.6-3.0 43.01N 105.10W 0 3.7,3.5 19130804.

ISCJB V 04 20 05 04.7-61 43.81N-05 105.27W-08 0 4.3b,3.5. NEIC V 04 20 05 04.5-71 43.98N 105.29W 0 3.0L,3.5.

ISC Event type fm. Error ellipse: s-maj=64.5km s-min=10.2km az=161.0. IDC Error ellipse: s-maj=8.6km s-min=6.9km az=89.8.

ISCJB Event type fm. Error ellipse: s-maj=9.6km s-min=8.3km az=107.0. 40 km [25 miles] SSE of Gillette. Suspected Mining explosion.

(224) Hokkaido region. ISC V 04 22 58 02.9-33 42.82N-04 143.41E-04 121-2 4.1b 72 0-74. NIED V 04 22 58 00 42.80N 143.40E 104 3.9W 18338433.

MOS V 04 22 58 01.6-86 42.87N 143.39E 121 4.1b. ISCJB V 04 22 58 02.0-33 42.82N-04 143.41E-04 125-2 4.1b.

NEIC V 04 22 58 03.7-1.5 42.89N 143.34E 121-15 4.3b. IDC V 04 22 58 04.0-2.0 42.86N 143.39E 124-12 4.1,3.8.

JMA V 04 22 58 04.0-1.0 42.81N 143.37E 113-1 3.9,3.8. ISC Event type fe. Moment Tensor Solution. Best double couple: NP1: phi=249.00000, lambda=96.00000.

NIED NP2: phi=136.00000, lambda=23.00000; M: 6.92000x10^14. Error ellipse: s-maj=16.0km s-min=10.0km az=106.0.

ISCJB Event type fe. Error ellipse: s-maj=7.4km s-min=4.7km az=123.8. NEIC Event type se. Error ellipse: s-maj=11.3km s-min=10.3km az=223.0.

IDC Error ellipse: s-maj=31.1km s-min=17.0km az=157.0. JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution.

Broadband fault plane solution: P waves. NP1: phi=160.00000, lambda=5.00000; NP2: phi=64.00000, lambda=89.00000; lambda=101.00000. Principal axes: T P1g45.0000, Azm345.0000; N P1g11.0000, Azm244.0000; P P1g43.0000, Azm144.0000.

(122) Near coast of northern Chile. ISC V 05 06 16 09.9-14 38.30N-01 22.69E-02 10 4.3b 422 0-120. HLW V 05 06 16 05.9 38.49N 22.48E 33 3.9b 10698280.

ATH V 05 06 16 08.9 38.28N 22.63E 22-1 4.3L,4.2. NEIC V 05 06 16 08.9 38.28N 22.63E 22 4.3L,4.2.

ISCJB V 05 06 16 08.5-15 38.32N-01 22.67E-02 10 4.3b,4.2. ROM V 05 06 16 08.7-94 38.12N 22.75E 10-0 4.0L,4.2.

BIJ V 05 06 16 08.9 38.49N 21.70E 49 5.15,5.0b. CSEM V 05 06 16 10.5-05 38.19N 22.84E 46-0 4.1L,4.4b.

THE V 05 06 16 10.3 38.35N 22.77E 6 4.1L,4.4b. MOS V 05 06 16 10.5-1.2 38.35N 22.74E 29 4.6b,4.4b.

IDC V 05 06 16 11.0-2.8 38.34N 22.61E 27-19 4.1,4.1. PDG V 05 06 16 14.4-24 38.40N 22.10E 11-1 4.1,4.1.

ISC Event type fe. Error ellipse: s-maj=0.8km s-min=0.8km az=-1.0. ATH Error ellipse: s-maj=16.0km s-min=10.0km az=106.0.

NEIC Event type fe. Felt at Vari. After ATH. ISCJB Event type fe. Error ellipse: s-maj=2.2km s-min=1.6km az=58.8.

ROM Event type ke. Error ellipse: s-maj=14.6km s-min=8.2km az=53.0. CSEM Event type ke. Error ellipse: s-maj=1.4km s-min=1.1km az=24.0.

MOS Error ellipse: s-maj=4.9km s-min=2.9km az=111.6. IDC Error ellipse: s-maj=13.1km s-min=12.0km az=137.0.

PDG Error ellipse: s-maj=135.7km s-min=69.7km az=-1.0. (122) Near coast of northern Chile. ISC V 05 06 33 07.4-1.2 27.21S-03 71.24W-08 26-8 4.0b 41 0-151. IDC V 05 06 33 04.1-1.2 27.18S 71.12W 0 4.1b,3.9 18647599.

ISCJB V 05 06 33 06.7-79 27.21S-03 71.25W-08 34-9 4.0b,3.9. NEIC V 05 06 33 07.4 27.26S 71.17W 35 4.6L,3.9.

GUC V 05 06 33 07.4-87 27.26S 71.17W 35-6 4.6L,4.3. ISC Event type fe. Error ellipse: s-maj=35.3km s-min=16.6km az=73.0.

IDC Event type fe. Error ellipse: s-maj=11.8km s-min=4.8km az=25.2. ISCJB Event type fe. Felt [IV] at Copiapo and [II] at Caldera. After GUC.

NEIC Error ellipse: s-maj=2.4km s-min=8.9km az=-1.0. GUC (40) California-Nevada border region. ISC V 05 06 36 19.1-24 38.23N-02 118.71W-02 10 5.0b,5.0s 99 0-96. BJI V 05 06 36 16.0 38.20N 118.80W 14 4.9b,4.5b 18338459.

ISCJB V 05 06 36 17.7-26 38.27N-02 118.65W-02 10 5.0b,5.0s. IDC V 05 06 36 17.7-2.0 38.13N 118.82W 0 4.0L,3.8s.

NEIC V 05 06 36 19.0 38.23N 118.76W 14 4.3L,3.8s.

ISC	Event type fe.
ISCJB	Event type fe. Error ellipse: s-maj=3.2km s-min=2.4km az=12.2.
IDC	Error ellipse: s-maj=22.5km s-min=7.8km az=171.0.
NEIC	Event type fe. Felt at Hawthorne. After REN.
(122) Near coast of northern Chile	
ISC	V 05 08 04 21.2-22 27.26S-02 71.05W-05 34 4.5b,4.4s 111 0-174
IDC	V 05 08 04 16.2-56 27.24S 71.18W 0 4.5,4.4b
ISCJB	V 05 08 04 19.1-23 27.27S-02 71.17W-04 32 4.5b,4.4s
GUC	V 05 08 04 19.3-1.0 27.27S 71.17W 30-8 4.9L,4.4s
BJI	V 05 08 04 19.3 27.30S 71.20W 29 5.1b,5.0s
MOS	V 05 08 04 19.7-1.6 27.19S 70.90W 33 5.0b,5.0s
NEIC	V 05 08 04 19.3 27.27S 71.17W 30 4.9L,4.7b
ISC	Event type fe.
IDC	Error ellipse: s-maj=23.8km s-min=16.6km az=74.0.
ISCJB	Event type fe. Error ellipse: s-maj=5.5km s-min=3.1km az=173.5.
GUC	Error ellipse: s-maj=2.4km s-min=8.1km az=-1.0.
MOS	Error ellipse: s-maj=17.8km s-min=9.3km az=91.9.
NEIC	Event type fe. Felt [IV] at Copiapo and [II] at Caldera. After GUC.
(122) Near coast of northern Chile	
ISC	V 05 08 06 42.3-1.5 27.23S-03 71.23W-08 11-9 4.5b 56 0-159
IDC	V 05 08 06 40.6-70 27.24S 71.07W 0 4.5b,4.5
NEIC	V 05 08 06 41.0 27.29S 71.19W 2 4.8L,4.6b
GUC	V 05 08 06 41.5-86 27.29S 71.20W 2-4 4.8L,4.6b
ISCJB	V 05 08 06 43.3-1.2 27.18S-03 71.14W-10 29-7 4.5b,4.6b
MOS	V 05 08 06 44.2-1.4 27.12S 71.03W 33 4.8b,4.6b
ISC	Event type fe.
IDC	Error ellipse: s-maj=27.8km s-min=18.8km az=64.0.
NEIC	Event type fe. Felt [IV] at Copiapo and [III] at Caldera. After GUC.
GUC	Error ellipse: s-maj=2.2km s-min=4.6km az=-1.0.
ISCJB	Event type fe. Error ellipse: s-maj=14.4km s-min=5.2km az=159.7.
MOS	Error ellipse: s-maj=29.8km s-min=13.6km az=90.9.
(135) Near coast of central Chile	
ISC	V 05 12 27 46.7-49 28.27S-02 71.54W-07 35 3.9b 45 1-152
ISCJB	V 05 12 27 44.6-51 28.28S-02 71.62W-07 33 3.9b
NEIC	V 05 12 27 47.2 28.28S 71.22W 49 4.0b
GUC	V 05 12 27 47.2-79 28.28S 71.22W 49-29 4.5L,4.2
IDC	V 05 12 27 48.1-99 28.22S 71.30W 54-6 3.9,3.9
ISC	Event type fe.
ISCJB	Event type fe. Error ellipse: s-maj=8.5km s-min=3.4km az=14.9.
NEIC	Event type fe. Felt [III] at Copiapo and [II] at Caldera. After GUC.
GUC	Error ellipse: s-maj=1.8km s-min=13.4km az=-1.0.
IDC	Error ellipse: s-maj=41.2km s-min=13.7km az=60.0.
(121) Off coast of northern Chile	
ISC	V 05 14 23 36.9-83 25.14S-03 70.9W-10 39-10 4.2b 27 1-150
GUC	V 05 14 23 35.5-63 25.15S 70.72W 41-3 4.7L
ISCJB	V 05 14 23 36.1-73 25.16S-03 70.8W-20 49-8 4.2b
NEIC	V 05 14 23 36.1-3.0 25.11S 71.10W 32-22 4.7L,4.4b
IDC	V 05 14 23 37.7-79 25.14S 70.64W 39-5 4.0b,3.9
ISC	Event type fe.
GUC	Error ellipse: s-maj=1.9km s-min=13.0km az=-1.0.
ISCJB	Event type fe. Error ellipse: s-maj=23.0km s-min=4.5km az=10.6.
NEIC	Event type fe. Error ellipse: s-maj=28.2km s-min=7.2km az=95.0. Felt [IV] at Paposo, [III] at Taltal and [II] at Caldera.
IDC	Error ellipse: s-maj=35.2km s-min=19.3km az=92.0.
(159) North Island	
ISC	V 05 15 22 52.3-30 39.96S-02 174.76E-04 115-3 4.4b 157 0-153
ISCJB	V 05 15 22 51.3-29 39.96S-02 174.75E-04 119-3 4.4b
NEIC	V 05 15 22 51.3 39.92S 174.83E 130 4.7b
IDC	V 05 15 22 51.9-2.0 39.92S 174.58E 93-18 4.1,3.9
WEL	V 05 15 22 53.4-15 39.94S 174.79E 111-1 4.4L,3.9
ISC	Event type fe.
ISCJB	Event type fe. Error ellipse: s-maj=4.9km s-min=2.8km az=30.8.
NEIC	Event type fe. Felt at Marton and Plymouth. After WEL.
IDC	Error ellipse: s-maj=24.1km s-min=21.4km az=153.0.
WEL	Event type fe. Error ellipse: s-maj=0.8km s-min=0.5km az=90.0. Felt from Taranaki to Wellington, maximum reported intensity MM 4.
(115) Near coast of Peru	
ISC	V 05 18 55 46.0-1.1 12.8S-10 76.4W-10 63-10 3.8b 13 1-145
ISCJB	V 05 18 55 44.3-1.1 12.8S-10 76.4W-10 69-10 3.6b
NEIC	V 05 18 55 45.5-1.3 12.80S 76.39W 61-12 4.1b
IDC	V 05 18 55 49.1-4.8 12.76S 76.25W 91-45 3.7,3.6
ISC	Event type fe.
ISCJB	Event type fe. Error ellipse: s-maj=26.3km s-min=11.1km az=89.1.
NEIC	Event type fe. Error ellipse: s-maj=21.8km s-min=10.7km az=48.0. Felt [III] at San Vicente de Canete.
IDC	Error ellipse: s-maj=50.6km s-min=27.9km az=54.0.
(127) Chile-Argentina border region	
ISC	V 05 20 54 41.9-26 24.50S-03 69.01W-05 109 4.6b 105 1-156
MOS	V 05 20 54 37.1-99 24.30S 68.98W 76 5.0b
ISCJB	V 05 20 54 39.9-25 24.46S-03 68.94W-05 107 4.6b
GUC	V 05 20 54 40.4-66 24.49S 69.23W 130-0 5.0L
NEIC	V 05 20 54 41.3-22 24.46S 68.88W 106 4.7b
IDC	V 05 20 54 42.0-42 24.25S 68.88W 107-3 4.7,4.5
BJI	V 05 20 54 46.3 24.50S 68.90W 106 4.7,4.5
ISC	Event type fe.
MOS	Error ellipse: s-maj=17.3km s-min=10.0km az=102.2.
ISCJB	Event type fe. Error ellipse: s-maj=6.4km s-min=4.0km az=8.0.
GUC	Error ellipse: s-maj=2.6km s-min=7.2km az=-1.0.
NEIC	Event type fe. Error ellipse: s-maj=8.2km s-min=5.1km az=80.0. Felt [IV] at Paposo and Taltal; [II] at Antofagasta.
IDC	Error ellipse: s-maj=19.5km s-min=12.6km az=76.0.
(212) Bonin Islands region	
ISC	V 06 01 38 56.5-47 27.68N-04 141.7E-20 73-6 4.3b 53 1-150
MOS	V 06 01 38 51.4-87 27.55N 141.24E 33 4.7b
ISCJB	V 06 01 38 54.8-61 27.68N-04 141.6E-20 71-8 4.3b
NEIC	V 06 01 38 56.1-2.1 27.63N 141.67E 69-18 4.9b
IDC	V 06 01 38 56.0-76 27.56N 141.70E 68-8 4.0,3.9
JMA	V 06 01 38 57.6-20 27.64N 141.87E 76 4.3,3.9
ISC	Event type fe.
MOS	Error ellipse: s-maj=34.3km s-min=11.8km az=106.8.
ISCJB	Event type fe. Error ellipse: s-maj=25.3km s-min=4.7km az=154.4.
NEIC	Event type fe. Error ellipse: s-maj=24.6km s-min=9.1km az=86.0. Recorded [1 JMA] on Aoga-shima.
IDC	Error ellipse: s-maj=25.1km s-min=12.4km az=74.0.
JMA	Event type fe. Error ellipse: s-maj=2.2km s-min=4.9km az=-1.0.
(259) Mindanao	
ISC	V 06 07 12 23.9-72 8.18N-03 123.64E-04 17-5 4.2b 43 0-87
ISCJB	V 06 07 12 23.8-58 8.18N-03 123.62E-04 27-5 4.2b
MAN	V 06 07 12 23.2 8.19N 123.60E 11 4.5L,3.3b
IDC	V 06 07 12 37.7-14 8.15N 123.22E 132-139 4.0,3.7
ISC	Event type fe.
ISCJB	Event type fe. Error ellipse: s-maj=6.3km s-min=4.6km az=158.1.
MAN	Event type fe. F DIPOLOG CITY INTENSITY II.
IDC	Error ellipse: s-maj=57.2km s-min=21.9km az=52.0.
(159) North Island	
WEL	V 06 09 01 29.9-05 41.09S 175.06E 29-0 3.5L
WEL	Event type fe. Error ellipse: s-maj=0.6km s-min=0.5km az=90.0. Felt Wellington, maximum intensity MM 4.
(273) Southwest of Sumatra	
ISC	V 06 10 16 46.1-26 6.33S-04 103.72E-04 48 4.9b,4.0s 147 2-150
ISCJB	V 06 10 16 43.9-28 6.32S-04 103.75E-05 46 4.9b,4.0s
MOS	V 06 10 16 43.8-1.0 5.96S 103.98E 33 5.0b,4.0s
BJI	V 06 10 16 44.0 6.30S 103.80E 30 4.9b,4.9b
NEIC	V 06 10 16 46.1-24 6.25S 103.81E 46 4.9b,4.9b
IDC	V 06 10 16 46.2-47 6.19S 103.85E 43-4 4.7,4.5
ISC	Event type fe.
ISCJB	Event type fe. Error ellipse: s-maj=7.3km s-min=5.2km az=103.4.
MOS	Error ellipse: s-maj=13.7km s-min=7.0km az=109.3.
NEIC	Event type fe. Error ellipse: s-maj=7.8km s-min=5.4km az=52.0. Felt [III] at Krui.
IDC	Error ellipse: s-maj=20.0km s-min=10.2km az=47.0.

(228) Near east coast of eastern Honshu	
ISC	V 06 11 45 41.8-32 38.40N-03 142.20E-04 42 4.2b,3.3s 106 1-145
NIED	V 06 11 45 40.0 38.40N 142.20E 44 4.2W,3.3s
MOS	V 06 11 45 39.2-95 38.45N 142.30E 33 4.5b,3.3s
ISCJB	V 06 11 45 39.6-33 38.37N-03 142.31E-04 40 4.2b,3.3s
BJI	V 06 11 45 41.2 38.18N 142.20E 63 5.0b,4.6b
JMA	V 06 11 45 41.2-10 38.44N 142.22E 38-1 4.5,4.6b
IDC	V 06 11 45 41.9-60 38.41N 142.21E 40-4 4.2,4.1
NEIC	V 06 11 45 43.1-68 38.43N 142.18E 52-6 4.2b,4.1
ISC	Event type fe.
NIED	Moment Tensor Solution. Best double couple: NP1:φ=32.0000°,δ68.0000°,λ80.0000°.
MOS	Error ellipse: s-maj=10.4km s-min=6.5km az=98.1.
ISCJB	Event type fe. Error ellipse: s-maj=5.5km s-min=3.8km az=76.7.
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
IDC	Error ellipse: s-maj=16.2km s-min=11.6km az=99.0.
NEIC	Event type fe. Error ellipse: s-maj=7.1km s-min=5.0km az=116.0. Recorded [2 JMA] in Miyagi and [1 JMA] in Fukushima and Iwate Prefectures.
(460) Wyoming	
ISC	V 06 19 04 14.6-47 43.75N-03 105.14W-05 0 4.1b 53 1-68
ISCJB	V 06 19 04 12.8-53 43.76N-03 105.12W-06 0 4.1b
IDC	V 06 19 04 13.3-1.9 43.65N 105.39W 0 3.9b,3.7
NEIC	V 06 19 04 14.7-43 43.72N 105.18W 0 3.2L,3.7
ISC	Event type fe.
ISCJB	Event type fe. Error ellipse: s-maj=6.0km s-min=3.8km az=5.0.
IDC	Error ellipse: s-maj=46.1km s-min=9.1km az=151.0.
NEIC	Event type fe. Error ellipse: s-maj=6.7km s-min=4.7km az=130.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.
(221) Kuril Islands	
ISC	V 06 19 47 35.8-21 44.10N-03 148.14E-03 52 4.8b,4.4s 451 1-153
NIED	V 06 19 47 40.0 43.80N 147.90E 53 4.5W,4.4s
SZGRF	V 06 19 47 32.7 44.09N 148.35E 33 4.9b,4.4s
MOS	V 06 19 47 32.4-84 44.01N 148.09E 37 5.1b,4.7s
ISCJB	V 06 19 47 33.9-22 44.05N-03 148.17E-03 50 4.8b,4.4s
BJI	V 06 19 47 33.9 44.02N 148.18E 56 4.9b,4.8b
SKHL	V 06 19 47 34.8-2.7 44.13N 148.29E 41-6 5.2b,4.8b
JMA	V 06 19 47 34.9-20 43.77N 147.91E 3 4.3,4.8b
IDC	V 06 19 47 35.3-59 44.05N 148.08E 50-5 4.6,4.5
NEIC	V 06 19 47 35.3-19 44.03N 148.14E 50 4.8s,4.8b
ISC	Event type fe.
NIED	Moment Tensor Solution. Best double couple: NP1:φ=197.0000°,δ82.0000°,λ-57.0000°.
MOS	Error ellipse: s-maj=299.0000°,δ34.0000°,λ-165.0000°. M ₀ 7.21000×10 ¹⁵
SZGRF	Kuril Islands, Russia
MOS	Event type fe. Error ellipse: s-maj=8.5km s-min=4.5km az=107.7. Felt (I-II) at Yuzhno-Kuril'sk. Moment Tensor Solution.
ISCJB	Event type fe. Error ellipse: s-maj=5.1km s-min=2.5km az=124.5.
SKHL	Event type fe. Felt (II) at Yuzhno-Kuril'sk.
JMA	Event type fe. Error ellipse: s-maj=2.2km s-min=1.6km az=-1.0.
IDC	Error ellipse: s-maj=13.8km s-min=10.5km az=141.0.
NEIC	Event type fe. Error ellipse: s-maj=5.4km s-min=3.7km az=138.0. Felt [II] at Yuzhno-Kuril'sk, Kunashir. Recorded [1 JMA] in eastern Hokkaido.
(224) Hokkaido region	
ISC	V 06 23 33 09.9-1.1 41.8N-10 142.94E-09 47-8 3.5b 18 0-65
ISCJB	V 06 23 33 08.5-1.0 41.72N-09 142.98E-09 52-7 3.5b
JMA	V 06 23 33 11.3-10 41.93N 142.94E 41-1 3.3
IDC	V 06 23 33 13.8-2.2 41.87N 142.82E 82-20 3.4,3.3
ISC	Event type fe.
ISCJB	Event type fe. Error ellipse: s-maj=16.3km s-min=9.5km az=119.2.
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=229.0000°,δ37.0000°,λ78.0000°. NP2:φ=63.0000°,δ54.0000°,λ99.0000°. Principal axes: T P1g79.0000°,Az=8.0000°; N P1g7.0000°,Az=238.0000°; P P1g8.0000°,Az=147.0000°
IDC	Error ellipse: s-maj=43.8km s-min=16.6km az=90.0.
(238) Ryukyu Islands	
JMA	V 07 03 16 58.2-10 26.68N 128.19E 50-1 3.6
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
(348) Northern and central Iran	
ISC	V 07 06 20 54.7-13 30.79N-02 56.65E-02 10 4.7b,4.3s 523 1-98
ISCJB	V 07 06 20 52.8-13 30.73N-02 56.61E-02 10 4.7b,4.3s
NEIC	V 07 06 20 53.7 30.79N 56.70E 14 5.2,4.8b
HRVD	V 07 06 20 53.7-60 30.79N 56.69E 12 5.0W,4.8b
THR	V 07 06 20 53.9-91 30.81N 56.70E 14-6 4.8L,4.7b
IDC	V 07 06 20 53.3-50 30.86N 56.72E 0 4.7,4.6
BJI	V 07 06 20 54.4 30.82N 56.04E 46 4.9b,4.9b
CSEM	V 07 06 20 55.9-04 30.72N 56.57E 33 5.0W,4.7b
CRAAG	V 07 06 20 55.6 30.73N 56.66E 5.5b,4.7b
MOS	V 07 06 20 55.1-95 30.75N 56.50E 26 5.0b,4.1s
TEH	V 07 06 20 56.7 30.81N 56.67E 8 5.2,4.1s
SZGRF	V 07 06 20 59.6 30.10N 55.40E 33 4.4b,4.1s
ISC	Event type fe.
ISCJB	Event type fe. Error ellipse: s-maj=2.8km s-min=2.2km az=51.6.
NEIC	Event type fe. More than 70 people injured slightly and some buildings and roads damaged in the Zarand area. After THR.
HRVD	Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s18,c20; Mantle waves: s67,c101; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₀ =0.18±12 M ₀ =2.96±10; M ₁ =1.96±33; M ₂ =0.61±10; M ₃ =0.19±30; Best double couple: NP1:φ=324.0000°,δ72.0000°,λ-162.0000°. NP2:φ=228.0000°,δ73.0000°,λ-19.0000°. Principal axes: T 2.8550,Plg0.0000°,Az=276.0000°; N 1.1160,Plg65.0000°,Az=7.0000°; P -3.9620,Plg25.0000°,Az=186.0000°. M ₀ 3.40800×10 ¹⁶
THR	Error ellipse: s-maj=3.7km s-min=3.3km az=-1.0.
IDC	Error ellipse: s-maj=12.6km s-min=9.9km az=95.0.
CSEM	Event type fe. Error ellipse: s-maj=1.8km s-min=1.3km az=45.0.
MOS	Error ellipse: s-maj=6.3km s-min=3.4km az=123.3.
SZGRF	Northern and central Iran.
(135) Near coast of central Chile	
GUC	V 07 09 47 28.6-63 29.90S 71.34W 45-1 3.8,3.5L
NEIC	V 07 09 47 28.6 29.90S 71.34W 45 3.5,3.5L
GUC	Error ellipse: s-maj=1.7km s-min=5.0km az=-1.0.
NEIC	Event type fe. Felt at Ovalle. After GUC.
(308) Northern India	
ISC	V 07 16 01 00.7-53 28.71N-02 76.64E-03 13-4 4.4s,4.0b 122 0-89
ISCJB	V 07 16 01 00.9-43 28.66N-03 76.68E-03 30-4 4.4s,4.0b
NDI	V 07 16 01 00.2-3.2 28.72N 76.61E 4-6 4.3b,4.2L
IDC	V 07 16 01 01.0-97 29.06N 76.48E 0 4.4s,4.4
NEIC	V 07 16 01 01.9-57 28.98N 76.56E 10 4.3b,4.4
BJI	V 07 16 01 01.3 28.99N 76.74E 15 4.8s,4.8b
MOS	V 07 16 01 04.9-1.2 29.08N 76.58E 38 4.0b,4.8b
ISC	Event type fe.
ISCJB	Event type fe. Error ellipse: s-maj=4.6km s-min=3.9km az=93.8.
NDI	Error ellipse: s-maj=4.6km s-min=5.4km az=-1.0.
IDC	Error ellipse: s-maj=26.0km s-min=18.6km az=42.0.
NEIC	Event type fe. Error ellipse: s-maj=12.6km s-min=9.5km az=197.0. Felt [IV] at Jhajjar and [III] at Sonapat. Also felt [III] at Baghat, Uttar Pradesh. Felt [II] by people in high-rise buildings at Faridabad and Gurgaon and in the Delhi area.
MOS	Error ellipse: s-maj=16.6km s-min=7.3km az=101.5.
(141) Cordoba Province	
ISC	V 07 18 53 15.0-48 30.20S-05 64.22W-05 35 3.8b,3.7s 40 4-149
ISCJB	V 07 18 53 12.5-49 30.22S-05 64.25W-05 33 3.8b,3.7s
IDC	V 07 18 53 12.2-4.7 30.26S 64.33W 17-30 4.0,3.9
NEIC	V 07 18 53 14.5-1.7 30.21S 64.20W 34-14 3.9b,3.9
GUC	V 07 18 53 16.4-1.6 30.17S 64.39W 34-0 3.9b,3.9
ISC	Event type fe.
ISCJB	Event type fe. Error ellipse: s-maj=7.9km s-min=4.2km az=112.6.
IDC	Error ellipse: s-maj=32.0km s-min=15.7km az=140.0.
NEIC	Event type fe. Error ellipse: s-maj=8.8km s-min=5.4km az=126.0. Felt [IV] in the epicentral area and [III] at Cordoba.
GUC	Error ellipse: s-maj=7.0km s-min=8.3km az=-1.0.
(116) Central Peru	

ISC	V	08 01 26 52.8-43	11.16S-07	76.12W-06	121	4.4b	62	1-160
ISCJB	V	08 01 26 50.5-36	11.18S-05	76.23W-05	120	4.4b		18338607
MOS	V	08 01 26 50.5-40	10.98S	76.09W	113	4.6b		
BJI	V	08 01 26 51.0	11.50S	76.30W	110	4.9b		
IDC	V	08 01 26 52.5-76	11.16S	76.24W	122-5	4.1, 3.9		
NEIC	V	08 01 26 53.0	11.50S	76.26W	110	4.6b, 3.9		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=8.2km s-min=6.6km az=82.3.							
MOS	Error ellipse: s-maj=35.6km s-min=14.0km az=121.6.							
IDC	Error ellipse: s-maj=25.6km s-min=12.5km az=57.0.							
NEIC	Event type fe. Felt [II] at Lima. After LIM.							
(706) Northern Sumatera								
ISC	V	08 01 43 42.1-18	3.07N-03	97.21E-03	20	5.1b, 4.5s	454	2-160
IDC	V	08 01 43 40.2-32	3.05N	97.22E	15-19	4.5, 4.5		18338609
ISCJB	V	08 01 43 40.0-18	3.05N-03	97.19E-03	19	5.1b, 4.5s		
HRVD	V	08 01 43 41.0-20	3.06N	97.24E	23-1	5.2W, 4.5S		
NEIC	V	08 01 43 41.0-15	3.17N	97.10E	11-9	5.2b, 4.3s		
MOS	V	08 01 43 41.9-10	3.27N	97.47E	33	5.3b, 4.3s		
BJI	V	08 01 43 41.0	3.30N	96.73E	10	5.0s, 4.9b		
CRAAG	V	08 01 43 43.1	3.10N	97.32E		5.2b, 4.9b		
SZGRF	V	08 01 43 46.8	3.52N	96.93E	21	5.0b, 4.9b		
ISC	Event type fe.							
IDC	Error ellipse: s-maj=19.1km s-min=11.4km az=40.0.							
ISCJB	Event type fe. Error ellipse: s-maj=4.9km s-min=3.8km az=60.3.							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s49,c73; Mantle waves: s75,c130; Half duration: 1:0 Moment tensor: Scale 1017Nm; Mrr:0.05; Mtt:0.80; Mtt:0.02; Mrr:0.75; Mtt:0.03; Mrr:0.04; Mtt:0.01; Mrr:0.17; 03; Best double couple: NP1:0.46,0.0000; 0.72,0.0000; 0.0,0.0000; NP2:0.316,0.0000; 0.89,0.0000; 0.162,0.0000. Principal axes: T 0.7890,Plg13.0000; Azm270.0000; N 0.0570,Plg72.0000; Azm136.0000; P -0.8450,Plg13.0000; Azm3.0000; M0.817000x1017							
NEIC	Event type fe. Error ellipse: s-maj=9.1km s-min=6.2km az=217.0. Felt [III] at Meulaboh. Felt at Medan.							
MOS	Error ellipse: s-maj=11.5km s-min=4.3km az=124.4.							
SZGRF	Northern Sumatera, Indonesia.							
(233) Near south coast of western Honshu								
ISC	V	08 03 45 44.0-69	34.06N-05	133.54E-05	5-6	3.4b	20	0-70
NIED	V	08 03 45 00	34.00N	133.50E	8	3.8W		19131015
ISCJB	V	08 03 45 44.1-66	34.01N-06	133.54E-05	20-7	3.4b		
NEIC	V	08 03 45 44.3	34.02N	133.53E	13	4.2		
JMA	V	08 03 45 44.3	34.02N	133.53E	13-1	4.2		
IDC	V	08 03 45 45.5-3.0	34.02N	133.53E	18-20	3.6L, 3.5		
ISC	Event type fe.							
NIED	Moment Tensor Solution. Best double couple: NP1:0.313,0.0000; 0.80,0.0000; 0.42,0.0000; NP2:0.52,0.0000; 0.48,0.0000; 0.166,0.0000; M0.627000x1014							
ISCJB	Event type fe. Error ellipse: s-maj=10.8km s-min=6.0km az=120.6.							
NEIC	Event type fe. Felt at Marugame and Niihama, Shikoku. Recorded [2 JMA] in Kagawa and Ehime; [1 JMA] in Tokushima and Kochi Prefectures, Shikoku. Also recorded [2 JMA] in Hiroshima and [1 JMA] in Hyogo, Okayama and Shimane Prefectures, Honshu. After JMA. LP body waves: s30,c42; Mantle waves: s66,c91; Half duration: 0 Moment tensor: Scale 1016 Nm; Mrr:2.25; 13 Mrr:2.11; 16; Mrr:0.14; 21; Mrr:0.53; 10; Mrr:3.14; 15; Mrr:2.51; 13; Best double couple: NP1:0.270,0.0000; 0.84,0.0000; 0.19,0.0000; NP2:0.22,0.0000; 0.87,0.0000; 0.130,0.0000. Principal axes: T 4.9540,Plg16.0000; Azm140.0000; N -0.8030,Plg37.0000; Azm37.0000; P -4.1500,Plg48.0000; Azm248.0000; M0.552000x1016							
NEIC	Event type fe. Error ellipse: s-maj=5.9km s-min=3.7km az=65.0. Felt [III] at Mendoza and Uspallata. Felt [IV] at Santiago; [III] at Los Andes and Petorca; [II] at Valparaiso and Vina del Mar, Chile.							
(460) Wyoming								
ISC	V	09 20 07 25.9-55	43.82N-04	105.23W-07	0	4.4b	31	1-61
IDC	V	09 20 07 23.0-25	43.43N	105.30W	0	4.2b, 3.8		19131084
ISCJB	V	09 20 07 24.3-58	43.84N-04	105.23W-07	0	4.4b, 3.8		
NEIC	V	09 20 07 26.0-48	43.79N	105.22W	0	3.2L, 3.8		
ISC	Event type fm.							
IDC	Error ellipse: s-maj=59.2km s-min=8.4km az=153.0.							
ISCJB	Event type fm. Error ellipse: s-maj=7.5km s-min=6.0km az=35.2.							
NEIC	Event type fm. Error ellipse: s-maj=7.7km s-min=5.8km az=147.0. 60 km [40 miles] SSE of Gillette. Suspected Mining explosion.							
(80) Panama-Costa Rica border region								
ISC	V	09 22 50 20.3-1.4	8.23N-07	83.03W-05	1-7	4.4b, 3.3s	62	0-141
ISCJB	V	09 22 50 19.1-1.2	8.17N-06	83.02W-05	7-6	4.3b, 3.3s		18713478
IDC	V	09 22 50 19.7-1.3	8.39N	82.92W	0	4.4, 4.2L		
NEIC	V	09 22 50 20.6-2.6	8.28N	82.97W	5-13	4.7b, 4.4		
CASC	V	09 22 50 21.8-2.7	8.40N	82.96W	0-7	4.7b, 4.4W		
MOS	V	09 22 50 22.3-1.2	8.24N	82.92W	32	4.8b, 4.4W		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=12.1km s-min=5.3km az=69.7.							
IDC	Error ellipse: s-maj=41.5km s-min=15.2km az=40.0.							
NEIC	Event type fe. Error ellipse: s-maj=20.9km s-min=9.7km az=199.0. Felt at Ciudad Neily, Costa Rica.							
CASC	Error ellipse: s-maj=12.7km s-min=9.2km az=1.0.							
MOS	Error ellipse: s-maj=18.9km s-min=11.8km az=114.9.							
(287) Sumba region								
ISC	V	10 01 18 03.1-21	9.18S-04	120.33E-05	84	5.0b	162	0-130
MOS	V	10 01 17 56.4-1.3	8.91S	120.31E	33	5.2b		18338709
BJI	V	10 01 18 01.2	9.10S	120.40E	80	5.1b, 5.0b		
ISCJB	V	10 01 18 01.2-20	9.11S-04	120.35E-05	82	5.0b, 5.0b		
HRVD	V	10 01 18 03.3-20	9.12S	120.49E	98-2	5.0W, 5.0b		
IDC	V	10 01 18 03.2-49	8.92S	120.29E	79-4	4.9, 4.6		
NEIC	V	10 01 18 03.3-22	9.06S	120.35E	80	5.0b, 4.6		
ISC	Event type fe.							
MOS	Error ellipse: s-maj=13.2km s-min=6.5km az=120.3.							
ISCJB	Event type fe. Error ellipse: s-maj=7.4km s-min=3.9km az=115.6.							
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s42,c56; Mantle waves: s83,c133; Half duration: 0 Moment tensor: Scale 1016 Nm; Mrr:1.77; 15 Mrr:3.26; 15; Mrr:1.50; 19; Mrr:2.33; 09; Mrr:0.80; 14; Mrr:1.97; 10; Best double couple: NP1:0.117,0.0000; 0.83,0.0000; 0.29,0.0000; NP2:0.232,0.0000; 0.874,0.0000; 0.120,0.0000. Principal axes: T 4.5490,Plg24.0000; Azm344.0000; N -0.7250,Plg28.0000; Azm240.0000; P -3.8340,Plg51.0000; Azm108.0000; M0.191000x1016							
IDC	Error ellipse: s-maj=16.6km s-min=9.9km az=64.0.							
NEIC	Event type fe. Error ellipse: s-maj=10.8km s-min=5.8km az=52.0. Felt [III] at Waingapu and [II] at Bima and Labuhanbajo.							
(230) Near south coast of eastern Honshu								
ISC	V	10 01 23 18.8-40	36.05N-03	139.89E-05	51-4	4.0b	46	0-79
NIED	V	10 01 23 00	36.10N	139.90E	56	4.1W		18713497
MOS	V	10 01 23 09.7-1.3	35.14N	140.11E	33	4.8b		
NEIC	V	10 01 23 11.6-1.8	34.96N	139.71E	39-14	4.6b, 4.1W		
ISCJB	V	10 01 23 17.9-40	36.05N-03	139.90E-05	57-3	4.0b, 4.1W		
JMA	V	10 01 23 18.9-10	36.07N	139.88E	47-1	4.2, 4.1W		
IDC	V	10 01 23 21.0-1.4	35.93N	139.66E	75-16	3.8, 3.8		
ISC	Event type fe.							
NIED	Moment Tensor Solution. Best double couple: NP1:0.68,0.0000; 0.71,0.0000; 0.83,0.0000; NP2:0.269,0.0000; 0.20,0.0000; 0.109,0.0000; M0.188000x1015							
MOS	Error ellipse: s-maj=27.6km s-min=12.7km az=122.6.							
NEIC	Event type fe. Error ellipse: s-maj=21.5km s-min=12.7km az=110.0. Recorded [2 JMA] in Gumma, Ibaraki, Saitama and Tochigi; [1 JMA] in Chiba and Tokyo Prefectures. Moment Tensor Solution. M0.190000x1015							
ISCJB	Event type fe. Error ellipse: s-maj=6.9km s-min=5.3km az=153.4.							
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:0.219,0.0000; 0.830,0.0000; 0.80,0.0000; NP2:0.50,0.0000; 0.860,0.0000; 0.96,0.0000. Principal axes: T Plg74.0000; Azm335.0000; N Plg5.0000; Azm227.0000; P Plg15.0000; Azm136.0000							
IDC	Error ellipse: s-maj=26.3km s-min=7.9km az=65.0.							
(256) Leyte								
ISC	V	10 02 02 21.0-86	11.08N-03	124.71E-04	14-5	4.5b, 3.9s	75	0-95
MAN	V	10 02 02 19.3	11.13N	124.64E	1	5.4L, 4.6b		18647757
ISCJB	V	10 02 02 20.6-64	11.11N-03	124.71E-04	24-5	4.5b, 3.9s		
MOS	V	10 02 02 21.6-1.0	11.00N	124.59E	33	4.6b, 3.9s		
IDC	V	10 02 02 29.4-5.7	10.95N	124.54E	87-53	4.2, 4.1		
NEIC	V	10 02 02 32.3-2.3	10.98N	124.57E	116-22	4.3b, 4.1		
BJI	V	10 02 02 36.8	11.72N	124.32E	116	4.7b, 4.6b		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=6.7km s-min=5.5km az=152.7.							
MOS	Error ellipse: s-maj=31.8km s-min=11.1km az=114.0.							
IDC	Error ellipse: s-maj=44.7km s-min=13.0km az=74.0.							

IDC	Error ellipse: s-maj=30.6km s-min=10.1km az=51.0.							
(45) California-Baja California border region								
ECX	V	09 00 13 37.3-48	32.64N	117.34W	8-0	3.8L, 3.5		
NEIC	V	09 00 13 36.0	32.63N	117.33W	13	3.6L, 3.5		19131048
ECX	Error ellipse: s-maj=1.0km s-min=2.8km az=1.0.							
NEIC	Event type fe. Felt [IV] at San Diego and [III] at Coronado. Also felt at La Jolla and National City. After PAS.							
(448) Gaspe Peninsula								
OTT	V	09 03 15 03.6-25	49.99N	66.29W	18	3.0		
NEIC	V	09 03 15 03.6	49.99N	66.29W	18	3.0		18494672
OTT	Event type fe. Error ellipse: s-maj=1.1km s-min=2.1km az=1.0. 23km south from Sept-Iles, Qc. Felt Felt in Sept-Iles, Qc Lower St. Lawrence Seismic Zone, Quebec.							
NEIC	Event type fe. Felt at Sept-Iles. After OTT.							
(135) Near coast of central Chile								
GUC	V	09 07 23 46.3-94	34.89S	71.32W	20-2	3.6, 3.2L		
NEIC	V	09 07 23 46.3	34.89S	71.32W	20	3.2L, 3.2L		18647741
GUC	Error ellipse: s-maj=1.8km s-min=3.7km az=1.0.							
NEIC	Event type fe. Felt [III] at Curico, Los Quenes and Talca. After GUC.							
(398) Sicily								
ROM	V	09 07 31 09.4-18	38.61N	14.62E	20-2	3.6L, 3.1		
NEIC	V	09 07 31 09.4	38.61N	14.62E	20	3.6L, 3.1		19078289
CSEM	V	09 07 31 09.4-18	38.61N	14.62E	20-2	3.8L, 3.1		
ROM	Event type ke. Error ellipse: s-maj=3.3km s-min=1.8km az=14.0.							
NEIC	Event type fe. Felt on Alicudi and Filicudi. After ROM.							
CSEM	Event type ke. Error ellipse: s-maj=3.3km s-min=1.8km az=14.0. After ROM.							
(139) Mendoza Province								
ISC	V	09 09 02 26.8-18	32.55S-02	69.88W-05	128	5.1b	280	1-174
MOS	V	09 09 02 25.4-79	32.38S	69.60W	71	5.4b		18494679
ISCJB	V	09 09 02 26.2-17	32.50S-02	69.75W-04	126	5.1b		
GUC	V	09 09 02 25.3-74	32.44S	69.84W	120-6	5.4L		
IDC	V	09 09 02 26.2-37	32.45S	69.59W	123-2	5.0, 4.7		
HRVD	V	09 09 02 26.5-30	32.85S	70.04W	126-2	5.0W, 4.7		
BJI	V	09 09 02 26.5	32.40S	69.40W	125	4.9b, 4.7		
NEIC	V	09 09 02 26.5-14	32.44S	69.41W	126	5.1b, 4.7		
ISC	Event type fe.							
MOS	Error ellipse: s-maj=15.6km s-min=7.3km az=105.3.							
ISCJB	Event type fe. Error ellipse: s-maj=4.9km s-min=2.7km az=28.6.							
GUC	Error ellipse: s-maj=1.7km s-min=1.6km az=1.0.							
IDC	Error ellipse: s-maj=10.5km s-min=7.2km az=135.0.							
HRVD	Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s30,c42; Mantle waves: s66,c91; Half duration: 0 Moment tensor: Scale 1016 Nm; Mrr:2.25; 13 Mrr:2.11; 16; Mrr:0.14; 21; Mrr:0.53; 10; Mrr:3.14; 15; Mrr:2.51; 13; Best double couple: NP1:0.270,0.0000; 0.84,0.0000; 0.19,0.0000; NP2:0.22,0.0000; 0.874,0.0000; 0.130,0.0000. Principal axes: T 4.9540,Plg16.0000; Azm140.0000; N -0.8030,Plg37.0000; Azm37.0000; P -4.1500,Plg48.0000; Azm248.0000; M0.552000x1016							
NEIC	Event type fe. Error ellipse: s-maj=5.9km s-min=3.7km az=65.0. Felt [III] at Mendoza and Uspallata. Felt [IV] at Santiago; [III] at Los Andes and Petorca; [II] at Valparaiso and Vina del Mar, Chile.							

NEIC Event type fe. Error ellipse: s-maj=17.2km s-min=8.3km az=81.0. Felt [IV PIVS] at Tungonan; [III PIVS] at Ormoc; [II PIVS] at Capoccan, Jaro and Pastrana; [I PIVS] at Alangalang and Carigara.

Table with columns: Station, Time, S-maj, S-min, Az, M, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like BJI, IDC, NEIC, MOS, HRVD, SZGRF, ISCJB, CRAAG, IIGL, BGS.

ISC Event type fe. Error ellipse: s-maj=13.6km s-min=9.1km az=161.0. IDC Error ellipse: s-maj=3.7km s-min=2.1km az=189.0. NEIC Event type fe. Error ellipse: s-maj=3.7km s-min=2.1km az=189.0. Felt [V] at Nikolski. Also felt at Dutch Harbor and Unalaska. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M0:6.00000x1018 Moment Tensor Solution. s21 Moment tensor: Scale 1018Nm; Mr:2.46 Mw:2.17 Ms:0.29 Mre:1.95 Mre:0.83 Mre:0.50 Best double couple: NP1:phi:73.00000; phi:85.00000; lambda:93.00000; NP2:phi:245.00000; phi:82.00000; lambda:83.00000. Principal axes: T 3.1800, P1g70.0000, Azm350.0000; N 0.0100, P1g3.0000, Azm252.0000; P -3.1900, P1g20.0000, Azm161.0000; M3:3.20000x1018 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:phi:240.00000; phi:82.00000; lambda:90.00000; NP2:phi:60.00000; phi:870.00000; lambda:90.00000. Principal axes: T P1g65.00000; Azm330.00000; N P1g0.00000; Azm0.00000; P P1g25.00000; Azm150.00000.

MOS Error ellipse: s-maj=6.7km s-min=3.4km az=92.7. HRVD Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s116,c298; Mantle waves: s116,c505; Half duration: 39; Moment tensor: Scale 1018Nm; Mr:3.78; Mre:2.98; Mre:3.30; Mre:0.47; Mre:0.47; Mre:0.47; Mre:1.47; Mre:1.47; Mre:1.26; Mre:0.03; Best double couple: NP1:phi:246.00000; phi:82.40000; lambda:88.00000; NP2:phi:68.00000; phi:866.00000; lambda:91.00000. Principal axes: T 5.1240, P1g69.00000; Azm340.00000; N 0.1470, P1g1.00000; Azm248.00000; P -5.2680, P1g21.00000; Azm157.00000; Ms:5.19600x1018.

SZGRF Fox Islands, Aleutian Islands, United States. ISCJB Event type fe. Error ellipse: s-maj=3.6km s-min=1.9km az=1.8. BGS Error ellipse: s-maj=73.5km s-min=281.9km az=-1.0.

Table with columns: Station, Time, S-maj, S-min, Az, M, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like ISC, NEIC, PDG, ISCJB, PRU, SOF, BEO, THE, MOS, CSEM, IDC.

ISC Event type fe. Felt along the Serbia-Bulgaria border. After CSEM. NEIC Error ellipse: s-maj=0.9km s-min=0.9km az=-1.0. PDG Error ellipse: s-maj=2.8km s-min=2.1km az=114.3. ISCJB Error ellipse: s-maj=2.2km s-min=2.8km az=-1.0. BEO Error ellipse: s-maj=6.0km s-min=3.5km az=97.8. MOS Event type ke. Error ellipse: s-maj=1.9km s-min=0.9km az=61.0. CSEM Error ellipse: s-maj=19.1km s-min=12.6km az=147.0. IDC Error ellipse: s-maj=19.1km s-min=12.6km az=147.0.

Table with columns: Station, Time, S-maj, S-min, Az, M, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like ISC, ISCJB, NEIC, IDC, ISC, ISCJB, NEIC, IDC, CSEM, MOS.

(2) Southern Alaska ISC V 10 08 47 04.6-63 60.00N-05 153.2W-10 109-10 3.2b 36 106 0-39 ISCJB V 10 08 47 03.4-62 60.00N-05 153.2W-10 120-9 3.2b 106 0-39 NEIC V 10 08 47 05.0 59.97N 153.23W 117 3.4 106 0-39 IDC V 10 08 47 05.2-1.1 59.57N 150.87W 0 4.1L,4.0L ISC Event type fe. ISCJB Event type fe. Error ellipse: s-maj=8.9km s-min=8.5km az=121.1. NEIC Event type fe. Felt at Homer. After AEIC. IDC Error ellipse: s-maj=33.8km s-min=9.9km az=112.0.

(359) Bulgaria ISC V 10 09 31 06.2-50 42.43N-02 26.16E-02 4-4 3.5b 106 0-39 IDC V 10 09 31 05.9-1.4 42.42N 26.02E 0 3.4b,3.4 ISCJB V 10 09 31 05.5-48 42.45N-02 26.16E-02 8-4 3.5b,3.4 SOF V 10 09 31 05.7 42.46N 26.13E 7 3.3,3.4 SKO V 10 09 31 06.0 42.32N 26.23E 4 3.3,3.4 NEIC V 10 09 31 06.2 42.51N 26.19E 10 3.4L,3.4L CSEM V 10 09 31 06.1-07 42.42N 26.20E 10 4.0L,3.4L THE V 10 09 31 06.2 42.51N 26.19E 10 4.0L,3.4L MOS V 10 09 31 08.4-1.1 42.42N 26.14E 33 3.5b,3.4L ISC Event type fe. IDC Error ellipse: s-maj=28.1km s-min=14.2km az=89.0. ISCJB Event type fe. Error ellipse: s-maj=3.4km s-min=3.0km az=57.8. NEIC Event type fe. Felt at Nova Zagora and Sliven. After THE. CSEM Event type ke. Error ellipse: s-maj=2.0km s-min=1.5km az=4.0. MOS Error ellipse: s-maj=8.0km s-min=5.1km az=65.2.

(244) Taiwan ISC V 10 10 59 11.6-1.2 23.73N-05 121.58E-03 32-9 4.0b,3.7s 71 106 0-83 NIED V 10 10 59 00 23.70N 121.70E 35 4.4W,3.7s 106 0-83 IDC V 10 10 59 06.1-61 23.61N 121.67E 0 4.1,4.1 ISCJB V 10 10 59 10.6-63 23.69N-05 121.60E-03 43-6 4.0b,3.7s BJI V 10 10 59 11.2 23.91N 121.68E 20 4.6L,4.3b JMA V 10 10 59 12.5-30 23.68N 121.65E 63 4.4,4.3b NEIC V 10 10 59 12.1-49 23.77N 121.72E 44 4.2b,4.3b ISC Event type fe. NIED Moment Tensor Solution. Best double couple: NP1:phi:13.00000; phi:870.00000; lambda:865.00000; NP2:phi:247.00000; phi:831.00000; lambda:139.00000; Ms:4.30000x1015. Error ellipse: s-maj=20.1km s-min=14.5km az=77.0. IDC Event type fe. Error ellipse: s-maj=7.8km s-min=4.6km az=13.1. ISCJB Error ellipse: s-maj=3.3km s-min=3.1km az=-1.0. JMA Event type fe. Error ellipse: s-maj=13.3km s-min=9.4km az=76.0. Recorded [4 TAP] in Hua-lien, [2 TAP] in I-lan and [1 TAP] in Chia-i, Nan-tou, Tai-chung and Tai-tung Counties.

(80) Panama-Costa Rica border region ISC V 10 15 06 38.2-1.3 8.19N-09 82.81W-07 10-7 3.6s,3.6b 41 19131171 IDC V 10 15 06 35.5-3.0 8.19N 82.93W 0 4.1,4.0L ISCJB V 10 15 06 37.6-1.3 8.12N-10 82.78W-07 22-9 3.6b,3.6s CASC V 10 15 06 38.4-3.1 8.20N 82.61W 26-9 4.5,3.6s NEIC V 10 15 06 40.7 8.38N 82.77W 18 4.8,4.2 ISC Event type fe. IDC Error ellipse: s-maj=82.2km s-min=22.6km az=24.0. ISCJB Event type fe. Error ellipse: s-maj=19.1km s-min=6.8km az=66.1. CASC Error ellipse: s-maj=12.1km s-min=10.9km az=-1.0. NEIC Event type fe. Felt at Laurel, Costa Rica. After CASC.

(135) Near coast of central Chile ISC V 10 16 18 09.6-54 34.43S-03 72.22W-07 51-7 3.8b 64 106 0-83 IDC V 10 16 18 03.0-1.5 34.55S 72.70W 0 4.3L,4.0L ISCJB V 10 16 18 08.8-52 34.44S-03 72.20W-07 61-6 3.8b,4.0L NEIC V 10 16 18 09.2 34.44S 72.17W 47 4.3,3.9b GUC V 10 16 18 09.2-88 34.44S 72.17W 47-6 4.3,4.2L ISC Event type fe. IDC Error ellipse: s-maj=43.5km s-min=28.7km az=95.0. ISCJB Event type fe. Error ellipse: s-maj=9.5km s-min=3.8km az=44.2. NEIC Event type fe. Felt [III] at Pichilemu and San Antonio; [II] at Curico, Rancagua, San Fernando, Santiago and Talca. After GUC. GUC Error ellipse: s-maj=1.9km s-min=4.3km az=-1.0.

(223) Eastern Sea of Japan ISC V 10 16 47 50.8-16 43.63N-02 139.82E-03 209-1 4.8b 671 106 0-83 NIED V 10 16 47 00 43.50N 139.90E 230 4.9W 106 0-83 SZGRF V 10 16 47 31.7 44.08N 140.21E 33 5.4b BGS V 10 16 47 48.4-1.3 43.29N 139.71E 200-0 4.8b BJI V 10 16 47 49.4 43.71N 139.91E 220 5.0b,4.8b ISCJB V 10 16 47 49.9-16 43.58N-02 139.82E-03 214-1 4.8b,4.8b

Table with columns: Station, Time, S-maj, S-min, Az, M, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like MOS, NEIC, HRVD, JMA, IDC, ISC, NIED, SZGRF, BGS, ISCJB, MOS, NEIC, HRVD.

Moment Tensor Solution. Best double couple: NP1:phi:100.00000; phi:866.00000; lambda:137.00000; NP2:phi:349.00000; phi:852.00000; lambda:32.00000; Ms:2.39000x1016. Eastern Sea of Japan. BGS Error ellipse: s-maj=173.0km s-min=610.0km az=-1.0. ISCJB Event type fe. Error ellipse: s-maj=3.9km s-min=2.8km az=115.2. MOS Error ellipse: s-maj=7.0km s-min=3.5km az=110.0. NEIC Event type fe. Error ellipse: s-maj=4.6km s-min=3.4km az=148.0. Recorded [1 JMA] in Iwate Prefecture, Honshu. Moment Tensor Solution. Ms:2.40000x1016. Error ellipse: s-maj=4.4km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s22,c27; Mantle waves: s61,c85; Half duration: 0; Moment tensor: Scale 1016 Nm; Mr:-1.02; L4 Mw:0.15; L3 Mw:1.17; L4 Mw:1.23; L2 Mw:2.18; L1 Mw:1.40; L2; Best double couple: NP1:phi:106.00000; phi:858.00000; lambda:155.00000; NP2:phi:2.00000; phi:869.00000; lambda:35.00000; Principal axes: T 2.8370, P1g7.0000; Azm56.00000; N 0.4280, P1g50.0000; Azm155.00000; P -2.3630, P1g39.0000; Azm320.00000; Ms:3.05000x1016.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.6km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:phi:350.00000; phi:862.00000; lambda:31.00000; NP2:phi:96.00000; phi:863.00000; lambda:148.00000; Principal axes: T P1g1.00000; Azm223.00000; N P1g49.00000; Azm132.00000; P P1g41.00000; Azm314.00000. Error ellipse: s-maj=8.5km s-min=7.2km az=131.0.

(236) Shikoku ISC V 10 20 01 01.0-47 32.63N-05 132.18E-04 47-5 3.6b,3.3s 38 106 0-83 MOS V 10 20 00 58.0-1.1 32.60N 132.01E 36 4.2b,3.3s ISCJB V 10 20 00 59.9-47 32.62N-05 132.21E-04 57-4 3.6b,3.3s NIED V 10 20 01 00 32.60N 132.01E 32 3.9W,3.3s JMA V 10 20 01 01.0 32.61N 132.15E 31-1 3.9,3.3s NEIC V 10 20 01 01.7-8.2 32.66N 132.01E 54-9 4.1b,3.3s IDC V 10 20 01 03.2-1.6 32.65N 132.05E 67-14 3.6,3.5 ISC Event type fe. MOS Error ellipse: s-maj=19.9km s-min=13.1km az=69.5. ISCJB Event type fe. Error ellipse: s-maj=9.3km s-min=5.1km az=134.1. NIED Moment Tensor Solution. Best double couple: NP1:phi:232.00000; phi:890.00000; lambda:92.00000; NP2:phi:142.00000; phi:82.00000; lambda:0.00000; Ms:8.41000x1014. JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:phi:177.00000; phi:88.00000; lambda:17.00000; NP2:phi:70.00000; phi:887.00000; lambda:98.00000; Principal axes: T P1g47.00000; Azm348.00000; N P1g8.00000; Azm249.00000; P P1g42.00000; Azm152.00000.

NEIC Event type fe. Error ellipse: s-maj=11.8km s-min=9.3km az=139.0. Recorded [1 JMA] in Ehime and Kochi Prefectures. Also recorded [1 JMA] in Oita and Miyazaki Prefectures, Kyushu. IDC Error ellipse: s-maj=22.5km s-min=14.8km az=66.0. (256) Leyte MAN V 10 20 20 53.3 10.44N 124.14E 2 5.1L,4.2b 106 0-83 MAN Event type fe. F. TONGONAN LEYTE - INTENSITY II; ORMOC LEYTE - INTENSITY III; CAPOCCAN JARO PASTRANA LEYTE - INTENSITY II; CARIGARA LEYTE - INTENSITY I.

(73) El Salvador ISC V 10 23 39 14.2-22 13.10N-04 88.58W-04 74 4.6b 224 0-156 ISCJB V 10 23 39 12.4-23 13.10N-04 88.61W-04 72 4.6b 106 0-83 IDC V 10 23 39 13.1-74 13.23N 88.37W 70-5 4.5,4.3 BJI V 10 23 39 13.5 13.10N 88.60W 72 5.0b,4.9s HRVD V 10 23 39 13.6-40 12.71N 88.71W 75-2 5.0W,4.9s CASC V 10 23 39 13.4-2.5 12.93N 88.73W 44-44 5.1L,4.2 NEIC V 10 23 39 13.6-25 13.06N 88.57W 72 4.8b,4.2 MOS V 10 23 39 14.2-1.2 13.06N 88.50W 99 4.8b,4.2

ISC Event type fe. ISCJB Event type fe. Error ellipse: s-maj=7.6km s-min=2.1km az=79.1. IDC Error ellipse: s-maj=18.2km s-min=7.9km az=55.0. HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s35,c42; Mantle waves: s49,c64; Half duration: 0; Moment tensor: Scale 1016 Nm; Mr:2.28; L3 Mw:2.44; L2 Mw:0.15; L1 Mw:0.10; Mre:2.35; L1 Mw:0.84; L1; Best double couple: NP1:phi:273.00000; phi:848.00000; lambda:0.00000; NP2:phi:146.00000; phi:856.00000; lambda:126.00000; Principal axes: T 7.2060, P1g60.00000; Azm113.00000; N 1.1560, P1g30.00000; Azm304.00000; P -3.8700, P1g5.00000; Azm211.00000; Ms:3.28800x1016. CASC Error ellipse: s-maj=11.6km s-min=7.0km az=-1.0. NEIC Event type fe. Error ellipse: s-maj=8.3km s-min=3.7km az=48.0. Felt [V] at San Salvador. MOS Error ellipse: s-maj=12.8km s-min=5.7km az=115.8.

(25) Vancouver Island region ISC V 11 00 51 36.0-31 48.58N-02 124.30W-03 33-2 100 0-4 ISCJB V 11 00 51 35.4-26 48.58N-02 124.32W-03 40-6 106 0-83 PGC V 11 00 51 35.7 48.59N 124.32W 40 2.9L,2.9 NEIC V 11 00 51 35.0 48.59N 124.32W 40 2.9,2.9 PNSN V 11 00 51 36.2 48.56N 124.26W 43 2.9,2.9 ISC Event type fe. ISCJB Event type fe. Error ellipse: s-maj=3.6km s-min=2.4km az=84.1. PGC Event type fe. Error ellipse: s-maj=2.2km s-min=1.5km az=-1.0. 50km southwest of Duncan, Bc West coast Vancouver Island, British Columbia Felt (I) in Sooke.

NEIC Event type fe. Felt at Sooke. After PGC. PNSN Moment Tensor Solution. NP1:phi:40.00000; phi:880.00000; lambda:132.00000; phi:880.00000; Principal axes: T P1g0.00000; Azm266.00000; P P1g14.00000; Azm356.00000.

(95) Windward Islands ISC V 11 02 31 07.6-26 15.06N-02 60.31W-03 35 4.5b,3.7s 160 1-165 ISCJB V 11 02 31 04.8-27 15.08N-02 60.17W-03 33 4.5b,3.7s TRN V 11 02 31 06.6 15.01N 60.47W 19 4.1,4.1 BJI V 11 02 31 07.2 15.00N 60.40W 28 5.2b,4.3s NEIC V 11 02 31 08.2 14.98N 60.36W 29 4.6b,4.2 IDC V 11 02 31 08.6-72 14.95N 60.56W 48-7 4.3,4.2 ISC Event type fe. ISCJB Event type fe. Error ellipse: s-maj=4.1km s-min=2.7km az=165.5. NEIC Event type fe. Felt [IV] on Martinique. Also felt at Saint Lucia. After FDF. IDC Error ellipse: s-maj=16.1km s-min=5.4km az=84.0.

(228) Near east coast of eastern Honshu ISC V 11 04 14 34.7-60 36.47N-04 140.67E-07 58-4 3.9b 49 106 0-83 NIED V 11 04 14 00 36.50N 140.60E 71 3.8W 106 0-83 IDC V 11 04 14 31.6-8.6 36.52N 140.97E 33-64 4.0L,3.8 MOS V 11 04 14 31.8-71 36.49N 140.89E 56 4.2b,3.8 NEIC V 11 04 14 33.3-1.9 36.49N 140.85E 50-14 4.2b,3.8 ISCJB V 11 04 14 33.6-61 36.45N-04 140.69E-07 64-3 3.9b,3.8 JMA V 11 04 14 35.2-10 36.46N 140.60E 56-1 4.0,3.8 ISC Event type fe. NIED Moment Tensor Solution. Best double couple: NP1:phi:13.00000; phi:870.00000; lambda:94.00000; NP2:phi:181.00000; phi:821.00000; lambda:79.00000; Ms:6.22000x1014. IDC Error ellipse: s-maj=34.2km s-min=27.0km az=75.0. MOS Error ellipse: s-maj=22.2km s-min=13.8km az=27.0. NEIC Event type fe. Error ellipse: s-maj=19.3km s-min=16.2km az=90.0. ISCJB Event type fe. Error ellipse: s-maj=9.9km s-min=6.1km az=63.9. JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:phi:173.00000; phi:827.00000; lambda:70.00000; NP2:phi:16.00000; phi:864.00000; lambda:100.00000; Principal axes: T P1g69.00000; Azm306.00000; N P1g9.00000; Azm191.00000; P P1g19.00000; Azm98.00000.

(1) Central Alaska ISC V 11 11 30 19.3-34 62.12N-02 149.77W-07 55-6 3.6b,3.0s 50 1-55 ISCJB V 11 11 30 18.2-34 62.14N-03 149.74W-07 65-5 3.6b,3.0s IDC V 11 11 30 18.1-2.3 62.16N 149.94W 42-26 3.8,3.6 NEIC V 11 11 30 20.1 62.13N 149.70W 47 3.6L,3.6 ISC Event type fe. ISCJB Event type fe. Error ellipse: s-maj=5.9km s-min=4.2km az=157.5. IDC Error ellipse: s-maj=21.2km s-min=15.1km az=92.0. NEIC Event type fe. Felt at Anchorage. After AEIC.

(122) Near coast of northern Chile ISC V 11 13 48 59.8-21 27.54S-03 71.36W-05 33 5.0s,4.8b 138 1-175 GUC V 11 13 48 55.7-74 27.56S 71.61W 45-4 4.8L,4.8b 106 0-83

MOS	V	11 13 48 56 1-1.7	27.32S	71.36W	10	5.1b,4.8b			
ISCJB	V	11 13 48 57 9-21	27.51S-03	71.36W-05	31	5.0b,4.8b			
HRVD	V	11 13 48 59 9-10	27.72S	72.08W	12	5.5W,4.8b			
BJI	V	11 13 48 59 8	27.50S	71.30W	32	5.4s,5.2b			
NEIC	V	11 13 48 59 9-22	27.47S	71.30W	32	4.9b,4.8L			
IDC	V	11 13 49 00 2-2.6	27.42S	71.35W	34-19	4.8s,4.8			
ISC	Event type fe.								
GUC	Error ellipse: s-maj=2.5km s-min=8.8km az=1.0.								
MOS	Error ellipse: s-maj=16.7km s-min=9.7km az=101.2.								
ISCJB	Event type fe. Error ellipse: s-maj=5.5km s-min=3.6km az=158.6.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
LP body waves: s71,c117; Mantle waves: s94,c182; Half duration: 1s3 Moment tensor: Scale 1017Nm; Mr=0.98±0.1 Mw=0.00±0.01; M0=0.98±0.01; M1=0.06±0.03; M2=0.08±0.01; M3=1.64±0.03; Best double couple: NP1:φ=6.00000°,λ15.00000°,λ94.00000°. NP2:φ=182.00000°,λ75.00000°,λ89.00000°. Principal axes: T 1.9070,Plg60.0000°,Az=91.0000°. N 0.0090,Plg1.0000°,Az=183.0000°. P -1.9170,Plg30.0000°,Az=273.0000°. M0.1,91200×1017									
NEIC	Event type fe. Error ellipse: s-maj=8.2km s-min=5.1km az=76.0. Felt [II] at Copiapo.								
IDC	Error ellipse: s-maj=16.9km s-min=12.5km az=98.0.								

(285) Sumbawa region									
ISC	V	11 15 28 16.4-1.4	8.68S-07	118.75E-09	147-15	4.3b	50	12-145	
BJI	V	11 15 28 05.1	9.38S	118.32E	95	4.9b,4.6b			118338823
NEIC	V	11 15 28 10.7-1.7	8.48S	118.64E	95-17	4.2b,4.6b			
ISCJB	V	11 15 28 13.5-1.6	8.58S-07	118.80E-08	136-17	4.3b,4.6b			
IDC	V	11 15 28 15.3-2.1	8.37S	119.07E	138-18	4.4,4.1b			
ISC	Event type fe.								
NEIC	Event type fe. Error ellipse: s-maj=14.4km s-min=8.4km az=70.0. Felt [III] at Bima.								
ISCJB	Event type fe. Error ellipse: s-maj=17.3km s-min=6.1km az=98.7.								
IDC	Error ellipse: s-maj=32.5km s-min=9.1km az=54.0.								

(224) Hokkaido region									
ISC	V	11 16 09 45.8-31	42.99N-02	145.75E-02	56-2	5.3b,4.3s	840	0-155	
NIED	V	11 16 09 00	42.90N	145.80E	50	4.9W,4.3s			110698396
CSEM	V	11 16 09 38.7	43.11N	145.75E	10	5.5b,4.3s			
ISCJB	V	11 16 09 43.9-33	42.90N-02	145.78E-02	54-2	5.3b,4.3s			
MOS	V	11 16 09 43.5-81	42.91N	145.73E	51	5.5b,4.3s			
JMA	V	11 16 09 44.7-10	42.93N	145.83E	56-1	5.0,4.3s			
BJI	V	11 16 09 44.0	42.98N	145.79E	59	5.1b,5.0b			
SKHL	V	11 16 09 45.1-1.6	43.00N	145.90E	57-15	5.6,5.3b			
SZGRF	V	11 16 09 45.5	43.15N	145.82E	49	5.3b,4.7s			
HRVD	V	11 16 09 45.1-30	42.99N	146.04E	60-1	5.0W,4.7s			
NEIC	V	11 16 09 45.1-13	42.97N	145.74E	50	5.3b,4.9W			
IDC	V	11 16 09 46.4-1.5	42.91N	145.79E	63-13	5.2,5.0			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=50.00000°,λ63.00000°,λ100.00000°. NP2:φ=209.00000°,λ28.00000°,λ71.00000°. M0.2,93000×1016								
ISCJB	Event type fe. Error ellipse: s-maj=4.1km s-min=2.7km az=135.4.								
MOS	Event type fe. Error ellipse: s-maj=6.7km s-min=3.5km az=110.4. Felt [II] at Yuzhno-Kuril'sk. Moment Tensor Solution.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Hokkaido, Japan, region.								
SZGRF	Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
HRVD	LP body waves: s39,c52; Mantle waves: s71,c125; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=2.41±1.5 Mw=1.00±0.10; M0=1.40±0.11; M1=1.77±0.07; M2=2.09±0.08; M3=0.34±0.07; Best double couple: NP1:φ=198.00000°,λ37.00000°,λ50.00000°. NP2:φ=64.00000°,λ83.00000°,λ116.00000°. Principal axes: T 3.2290,Plg63.0000°,Az=17.0000°. N 0.4390,Plg23.0000°,Az=232.0000°. P -3.6580,Plg14.0000°,Az=136.0000°. M0.3,44400×1016								

NEIC	Event type fe. Error ellipse: s-maj=4.0km s-min=2.3km az=174.0. Felt [II] at Yuzhno-Kuril'sk, Kunashir. Recorded [3 JMA] in eastern Hokkaido and [1 JMA] in the Obihiro area. Moment Tensor Solution. M0.2,90000×1016								
IDC	Error ellipse: s-maj=11.5km s-min=9.7km az=166.0.								
(383) Northwestern Balkan Peninsula									
ISC	V	11 16 55 36.3-31	44.027N-01	20.16E-01	3-2	4.4b,4.0s	664	0-81	
STR	V	11 16 55 29.2-6.5	43.82N	20.94E	10-1	4.6L,4.0s			118338826
BJI	V	11 16 55 34.9	44.00N	20.20E	10	4.9s,4.9s			
LDG	V	11 16 55 34.2-07	44.06N	20.24E	10-0	4.6L,4.9s			
CSEM	V	11 16 55 34.5	44.04N	20.23E	10	4.5L,4.9s			
ISCJB	V	11 16 55 35.5-27	44.022N-01	20.14E-01	13-2	4.4b,4.0s			
PDG	V	11 16 55 36.0-58	44.05N	20.11E	11-1	4.4b,4.0s			
PRU	V	11 16 55 35.4	43.98N	20.10E	0	4.4,4.0s			
MOS	V	11 16 55 35.1-1.0	44.02N	20.10E	10	4.6b,3.7s			
NEIC	V	11 16 55 37.0-10	44.01N	20.17E	10	4.6L,4.4L			
THE	V	11 16 55 36.4	44.22N	20.16E	30	4.7L,4.4L			
SZGRF	V	11 16 55 36.9	44.03N	20.35E	10	4.7L,4.4L			
IDC	V	11 16 55 36.4-76	44.05N	20.07E	0	4.2,4.2L			
SKO	V	11 16 55 36.6	44.07N	20.15E	6	4.2,4.2L			
BE0	V	11 16 55 36.6-50	44.02N	20.15E	10-1	4.2,4.2L			
IPEC	V	11 16 55 38.6-25	44.02N	20.12E	22-2	4.1L,4.2L			
ISC	Event type fe.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
LDG	Event type ke. Error ellipse: s-maj=2.3km s-min=1.6km az=38.0.								
ISCJB	Event type fe. Error ellipse: s-maj=1.7km s-min=1.4km az=68.1.								
PDG	Error ellipse: s-maj=0.8km s-min=1.5km az=-1.0.								
MOS	Error ellipse: s-maj=3.1km s-min=2.2km az=115.6.								
NEIC	Event type fe. Error ellipse: s-maj=1.7km s-min=1.3km az=216.0. Felt [III] at Beograd. Also felt at Kragujevac and Novi Sad.								
SZGRF	Northwestern Balkan Peninsula.								
IDC	Error ellipse: s-maj=12.9km s-min=8.1km az=22.0.								
BE0	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.								
IPEC	Event type ke. Error ellipse: s-maj=1.5km s-min=0.8km az=54.0.								

(294) Myanmar-India border region									
ISC	V	11 17 22 54.8-11	23.36N-02	94.27E-02	50	5.7b,5.3s	1077	3-165	
LDG	V	11 17 22 48.5-31	23.49N	94.00E	10-0	5.8b,5.0s			110698401
CSEM	V	11 17 22 48.5	23.39N	94.32E	20	5.8b,5.0s			
CRAAG	V	11 17 22 51.5	23.30N	94.27E	5	5.4W,5.0s			
SZGRF	V	11 17 22 51.9	22.62N	94.51E	51	6.0b,5.2s			
NEIC	V	11 17 22 52.0-10	23.31N	94.31E	30	5.7b,5.4			
BJI	V	11 17 22 52.4	23.28N	94.13E	63	6.0L,5.6s			
MOS	V	11 17 22 52.5-85	23.34N	94.29E	48	5.9b,5.3s			
ISCJB	V	11 17 22 52.6-11	23.31N-02	94.23E-02	48	5.7b,5.3s			
BGS	V	11 17 22 53.9-1.4	23.31N	94.32E	48-0	5.5b,5.3s			
HRVD	V	11 17 22 54.1-10	23.31N	94.30E	34-0	5.6W,5.3s			
IDC	V	11 17 22 54.3-1.2	23.35N	94.32E	47-10	5.5,5.4			
ISC	Event type fe.								
LDG	Event type ke. Error ellipse: s-maj=16.6km s-min=9.4km az=166.0.								
SZGRF	Myanmar.								
NEIC	Event type fe. Error ellipse: s-maj=3.8km s-min=2.3km az=35.0. Felt in the Chittagong, Bangladesh area. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s24 Moment tensor: Scale 1017 Nm; Mr=1.42 Mw=0.29 M0=0.53 Mw=0.65 Mw=0.09 Best double couple: NP1:φ=74.00000°,λ54.00000°,λ105.00000°. NP2:φ=229.00000°,λ38.00000°,λ70.00000°. Principal axes: T 1.5500,Plg75.0000°,Az=229.0000°. N -0.0100,Plg12.0000°,Az=245.0000°. P -1.5500,Plg8.0000°,Az=153.0000°. M0.1,60000×1017 Moment Tensor Solution.								

Broadband fault plane solution: P waves. NP1:φ=335.00000°,λ45.00000°,λ90.00000°. NP2:φ=155.00000°,λ85.00000°,λ90.00000°. Principal axes: T 2.2630,Plg82.0000°,Az=30.0000°. N 0.8890,Plg8.0000°,Az=187.0000°. P -3.1550,Plg3.0000°,Az=277.0000°. M0.2,70900×1017									
MOS	Error ellipse: s-maj=6.9km s-min=3.0km az=126.2.								
ISCJB	Event type fe. Error ellipse: s-maj=3.1km s-min=2.1km az=37.8.								
BGS	Error ellipse: s-maj=255.9km s-min=315.1km az=-1.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.								
LP body waves: s76,c131; Mantle waves: s101,c218; Half duration: 15s Moment tensor: Scale 1017Nm; Mr=2.22±0.04 Mw=0.85±0.03; M0=3.07±0.04; M1=0.14±0.05; M2=0.52±0.03; M3=0.33±0.05; Best double couple: NP1:φ=15.00000°,λ42.00000°,λ102.00000°. NP2:φ=180.00000°,λ49.00000°,λ80.00000°. Principal axes: T 2.2630,Plg82.0000°,Az=30.0000°. N 0.8890,Plg8.0000°,Az=187.0000°. P -3.1550,Plg3.0000°,Az=277.0000°. M0.2,70900×1017									
IDC	Error ellipse: s-maj=13.2km s-min=7.0km az=54.0.								

(122) Near coast of northern Chile									
ISC	V	11 19 07 11.6-1.3	27.48S-03	71.50W-07	12-7	4.3b,4.2s	61	1-160	

ISCJB	V	11 19 07 09.3-1.7	27.47S-03	71.45W-08	7-11	4.3b,4.2s			118647788
HRVD	V	11 19 07 10.8-50	27.55S	71.90W	18-1	4.9W,4.2s			
GUC	V	11 19 07 10.1-94	27.54S	71.62W	15-7	5.1L,4.2s			
NEIC	V	11 19 07 10.8-2.3	27.48S	71.46W	6-14	5.1L,4.7b			
IDC	V	11 19 07 14.6-6.5	27.39S	71.37W	29-44	4.5L,4.1			
MOS	V	11 19 07 15.9-2.6	28.04S	70.58W	10	4.3b,4.1			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=11.3km s-min=4.6km az=176.3.								
HRVD	Error ellipse: s-maj=3.3km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
LP body waves: s15,c15; Mantle waves: s47,c53; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=2.40±0.21 Mw=0.14±0.11; M0=2.25±1.5; M1=0.17±0.27; M2=0.53±0.09; M3=0.94±0.30; Best double couple: NP1:φ=339.00000°,λ35.00000°,λ77.00000°. NP2:φ=175.00000°,λ56.00000°,λ99.00000°. Principal axes: T 2.6100,Plg77.0000°,Az=116.0000°. N -0.0680,Plg8.0000°,Az=350.0000°. P -2.5360,Plg10.0000°,Az=258.0000°. M0.2,57300×1016									

GUC	Error ellipse: s-maj=3.0km s-min=8.1km az=-1.0.								
NEIC	Event type fe. Error ellipse: s-maj=16.1km s-min=5.9km az=90.0. Felt [III] at Copiapo and [II] at Caldera.								
IDC	Error ellipse: s-maj=31.1km s-min=16.2km az=92.0.								
MOS	Error ellipse: s-maj=22.2km s-min=17.4km az=65.4.								
(224) Hokkaido region									
ISC	V	11 20 15 22.1-56	42.37N-04	143.98E-06	44-4	3.9b,3.5s	76	1-79	
NIED	V	11 20 15 00	42.40N	143.90E	38	4.0W,3.5s			118713521
ISCJB	V	11 20 15 20.9-56	42.34N-04	143.98E-06	51-4	3.9b,3.5s			
MOS	V	11 20 15 21.2-82	42.37N	143.79E	51	4.2b,3.5s			
JMA	V	11 20 15 21.2-10	42.37N	143.92E	58-2	3.8,3.5s			
NEIC	V	11 20 15 23.9-1.4	42.38N	143.76E	58-15	4.2b,3.5s			
IDC	V	11 20 15 24.6-2.1	42.36N	143.73E	64-17	3.9,3.8			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=236.00000°,λ77.00000°,λ90.00000°. NP2:φ=57.00000°,λ13.00000°,λ91.00000°. M0.1,05000×1015								
ISCJB	Event type fe. Error ellipse: s-maj=8.4km s-min=5.3km az=79.9.								
MOS	Error ellipse: s-maj=15.0km s-min=9.0km az=84.4.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=81.00000°,λ32.00000°,λ152.00000°. NP2:φ=196.00000°,λ75.00000°,λ61.00000°. Principal axes: T 1.6550,Plg51.0000°,Az=73.0000°. N 0.6280,Plg22.0000°,Az=204.0000°. P 1.6550,Plg25.0000°,Az=308.0000°								

NEIC	Event type se. Error ellipse: s-maj=12.1km s-min=11.9km az=173.0.								
IDC	Error ellipse: s-maj=19.4km s-min=13.0km az=94.0.								
(291) South of Sumbawa									
ISC	V	11 22 58 11.0-1.5	11.28S-04	116.03E-05	3-9	4.9b,4.0s	166	7-152	
ISCJB	V	11 22 58 08.6-1.4	11.29S-04	116.01E-05	1-9	5.0b,4.0s			118338836
BJI	V	11 22 58 10.0	11.70S	116.19E	34	5.1b,4.9b			
IDC	V	11 22 58 10.4-43	11.25S	116.03E	0	4.7,4.7b			
HRVD	V	11 22 58 12.2-30	11.53S	116.16E	12	4.8W,4.7b			
NEIC	V	11 22 58 12.2-20	11.24S	116.02E	10	5.0b,4.7b			
MOS	V	11 22 58 13.7-1.1	11.21S	116.13E	33	5.2b,4.7b			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=9.5km s-min=5.9km az=113.5.								
IDC	Error ellipse: s-maj=20.9km s-min=11.9km az=57.0.								
HRVD	Error ellipse: s-maj=4.4km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
LP body waves: s20,c25; Mantle waves: s60,c86; Half duration: 0 Moment tensor: Scale 1									

NEIC	Event type fe. Felt [V] at Hopland; [IV] at Clearlake, Geyserville and Kelseyville; [III] at Angwin, Calistoga, Cloverdale, Guerneville, Healdsburg, Saint Helena, San Francisco and Santa Rosa; [II] at Napa. Felt at Antioch, Berkeley, Carmel, Cazadero, Clearlake Oaks, Daly City, Fairfield, Forestville, Graton, Huntington Beach, Moraga, Mountain View, Oakley, Pacifica, Petaluma, Pope Valley, San Ramon and Yountville. After NCEDC. Moment Tensor Solution. M1.1,40000x1016									
MOS	Error ellipse: s-maj=9.6km s-min=7.1km az=30.8.									
IDC	Error ellipse: s-maj=20.5km s-min=8.0km az=47.0.									
(36) Northern California										
ISC	V	12 10 38 36.3-48	38.84N-04	122.84W-06	3	4.0s,4.0b	39	0-88		
ISCJB	V	12 10 38 35.3-46	38.87N-04	122.73W-05	3	4.0s,4.0b			19131292	
NEIC	V	12 10 38 35.9	38.84N	122.85W	3	4.4b,4.2L				
IDC	V	12 10 38 35.2-1.9	38.65N	122.80W	0	4.2,4.0				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=6.6km s-min=5.2km az=109.6.									
NEIC	Event type fe. Felt [IV] at Middletown. Felt at Angwin, Calistoga, Cloverdale, Kelseyville, Lower Lake, Pope Valley and Santa Rosa. After NCEDC.									
IDC	Error ellipse: s-maj=30.7km s-min=20.0km az=52.0.									
(706) Northern Sumatera										
ISC	V	13 03 11 43.6-11	5.54N-02	94.44E-02	47	6.0b,5.1s	1144	4-171		
SZGRF	V	13 03 11 27.4	4.69N	95.14E	36	6.1b,4.9s			191338918	
BJI	V	13 03 11 40.9	5.37N	94.33E	55	6.1b,5.7b				
MOS	V	13 03 11 40.3-90	5.62N	94.46E	33	6.2b,5.0s				
ISCJB	V	13 03 11 41.4-11	5.52N-02	94.45E-02	45	6.0b,5.1s				
NEIC	V	13 03 11 41.6-8	5.52N	94.43E	34	6.0,6.0b				
CRAAG	V	13 03 11 41.0	5.58N	94.45E	5	5.8b,6.0b				
HRVD	V	13 03 11 42.9-10	5.33N	94.30E	43-0	5.7W,6.0b				
BGS	V	13 03 11 42.9	5.51N	94.44E	45	5.6b,6.0b				
IDC	V	13 03 11 43.9-46	5.54N	94.57E	58-3	5.6,5.4				
ISC	Event type fe.									
SZGRF	Northern Sumatera, Indonesia.									
MOS	Error ellipse: s-maj=7.1km s-min=3.2km az=124.9.									
ISCJB	Event type fe. Error ellipse: s-maj=3.3km s-min=2.3km az=35.0.									
NEIC	Event type fe. Error ellipse: s-maj=3.5km s-min=2.0km az=211.0. Felt [IV] at Banda Aceh. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s30 Moment tensor: Scale 10 ¹⁷ Nm; M1.78 M ₁₁ =0.89 M ₂₂ =0.89 M ₃₃ =1.56 M ₁₂ =0.66 M ₁₃ =1.52 Best double couple: NP1:φ=134.00000°; φ=871.00000°; λ=90.00000°; NP2:φ=315.00000°; λ=819.00000°; λ=91.00000°. Principal axes: T 2.8600,Plg64.0000°,AzM44.0000°; N -0.2300,Plg0.0000°,AzM134.0000°; P -2.6300,Plg26.0000°,AzM225.0000°; M2.70000x10 ¹⁷ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=14.00000°; λ=836.00000°; λ=144.00000°. NP2:φ=135.00000°; λ=870.00000°; λ=60.00000°. Principal axes: T Plg55.0000°,AzM7.0000°; N Plg0.0000°,AzM0.0000°; P Plg19.0000°,AzM247.0000°.									
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s95,c177; Mantle waves: s108,c258; Half duration: 186.0ms; Moment tensor: Scale 10 ¹⁷ Nm; M1:0.31±0.05 M2:1.22±0.03 M3:1.78±0.04; M11:4.7±0.4; M22:1.8±0.3; M33:1.6±0.5; Best double couple: NP1:φ=320.00000°; λ=828.00000°; λ=91.00000°. NP2:φ=139.00000°; λ=863.00000°; λ=89.00000°. Principal axes: T 3.7090,Plg72.0000°,AzM47.0000°; N 0.3210,Plg1.0000°,AzM139.0000°; P -4.0210,Plg18.0000°,AzM229.0000°; M3.86500x10 ¹⁷									
IDC	Error ellipse: s-maj=8.4km s-min=5.1km az=41.0.									
(231) South Korea										
ISC	V	13 10 14 31.5-1.1	34.06N-04	129.18E-09	25-9	4.3b	17	0-77		
NIED	V	13 10 14 31.0	34.00N	129.10E	8	3.7W			19131349	
ISCJB	V	13 10 14 31.0-90	34.08N-04	129.16E-09	32-7	4.3b				
JMA	V	13 10 14 31.0	34.04N	129.14E	20-1	3.9				
NEIC	V	13 10 14 31.0	34.05N	129.14E	20	4.3				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=306.00000°; λ=881.00000°; λ=18.00000°. NP2:φ=213.00000°; λ=872.00000°; λ=171.00000°. M3.79000x10 ¹⁴									
ISCJB	Event type fe. Error ellipse: s-maj=13.1km s-min=5.5km az=132.6.									
JMA	Event type fe.									
NEIC	Event type se. After JMA.									
(2) Southern Alaska										
ISC	V	13 14 32 35.3-22	60.08N-03	153.42W-05	132	4.4b	118	1-145		
IDC	V	13 14 32 32.8-1.0	60.12N	153.49W	103-11	4.3,4.1			191334192	
ISCJB	V	13 14 32 33.9-21	60.08N-03	153.47W-05	130	4.4b,4.1				
NEIC	V	13 14 32 36.3	60.00N	153.29W	138	4.4b,4.1				
BJI	V	13 14 32 38.2	60.85N	154.20W	137	4.9b,4.8b				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=9.7km s-min=8.4km az=147.0.									
ISCJB	Event type fe. Error ellipse: s-maj=4.4km s-min=3.2km az=156.6.									
NEIC	Event type fe. Felt [III] at Anchorage and [II] at Homer. Also felt at Anchor Point, Eagle River, Girdwood and Kenai. After AEIC.									
(460) Wyoming										
ISC	V	13 18 02 05.7-44	43.79N-04	105.21W-05	0	4.2b	55	1-90		
IDC	V	13 18 01 58.5-2.8	42.94N	105.19W	0	3.8,3.6			19131364	
ISCJB	V	13 18 02 03.8-51	43.81N-04	105.21W-06	0	4.2b,3.6				
NEIC	V	13 18 02 05.5-50	43.78N	105.20W	0	3.3L,3.6				
ISC	Event type fm.									
IDC	Error ellipse: s-maj=52.5km s-min=8.4km az=159.0.									
ISCJB	Event type fm. Error ellipse: s-maj=6.4km s-min=5.1km az=32.5.									
NEIC	Event type fm. Error ellipse: s-maj=7.0km s-min=6.0km az=123.0. 60 km [40 miles] SSE of Gillette. Suspected Mining explosion.									
(363) Greece-Bulgaria border region										
ISC	V	14 05 08 02.2-31	41.68N-03	25.50E-03	10		59	0-4		
NEIC	V	14 05 07 57.6	41.89N	25.64E	7	3.4,3.3L			19131398	
SOF	V	14 05 08 00.0	41.64N	25.52E	9	3.0,3.3L				
ISCJB	V	14 05 08 01.9-31	41.66N-03	25.50E-03	10	3.0,3.3L				
ATH	V	14 05 08 01.2	41.67N	25.45E	12-1	3.4,3.3L				
CSEM	V	14 05 08 01.1-10	41.76N	25.53E	8	3.0,3.3L				
SKO	V	14 05 08 02.7	41.76N	25.38E	0	3.0,3.3L				
THE	V	14 05 08 04.3	41.61N	25.67E	21	3.4L,3.3L				
ISC	Event type fe.									
NEIC	Event type fe. Felt in the Kurdzhali area, Bulgaria. After ATH.									
ISCJB	Event type fe. Error ellipse: s-maj=9.9km s-min=2.6km az=116.4.									
ATH	Error ellipse: s-maj=2.5km s-min=1.7km az=-1.0.									
CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=2.2km az=157.0.									
(92) Leeward Islands										
ISC	V	14 06 47 51.8-34	15.82N-02	61.56W-05	18-2		37	0-5		
TRN	V	14 06 47 49.7	15.81N	61.57W	23	3.5,3.0			19131402	
ISCJB	V	14 06 47 51.6-36	15.82N-03	61.56W-06	19-4	3.5,3.0				
NEIC	V	14 06 47 51.9-35	15.82N	61.54W	17-4	3.4,3.2				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=9.7km s-min=2.9km az=138.0.									
NEIC	Event type fe. Error ellipse: s-maj=7.3km s-min=3.5km az=68.0. Felt [III] on Guadeloupe.									
(163) Cook Strait										
WEL	V	14 07 26 26.0-05	41.11S	174.57E	40-0	3.7L				
NEIC	V	14 07 26 25.8	41.11S	174.56E	41	3.8L			19131404	
WEL	Event type fe. Error ellipse: s-maj=0.7km s-min=0.6km az=0.0. Felt from Wellington to Marlborough, maximum reported intensity MM 4.									
NEIC	Event type se. After WEL.									
(69) Near coast of Chiapas										
ISC	V	14 07 38 10.9-19	14.42N-03	92.59W-02	53	4.9b,4.8s	477	1-159		
MOS	V	14 07 38 02.9-86	14.39N	92.28W	10	5.0b,4.8s			1910698433	
IDC	V	14 07 38 03.6-53	14.52N	92.29W	0	4.8,4.8				
CASC	V	14 07 38 05.3-2.2	14.43N	92.93W	11-18	5.2L,4.9b				
MEX	V	14 07 38 07.1-54	13.99N	92.76W	20-21	5.1,4.9b				
ISCJB	V	14 07 38 08.7-19	14.40N-03	92.62W-02	51	4.9b,4.8s				
HRVD	V	14 07 38 09.9-20	14.30N	92.97W	31-0	5.4W,4.8s				
BJI	V	14 07 38 09.8	14.40N	92.40W	48	5.6s,5.4b				
NEIC	V	14 07 38 09.8-24	14.40N	92.40W	48	5.1,4.9s				
SZGRF	V	14 07 38 11.3	14.24N	90.97W	33	4.8b,4.8s				
ISC	Event type fe.									
MOS	Error ellipse: s-maj=8.1km s-min=4.6km az=100.9.									
IDC	Error ellipse: s-maj=23.9km s-min=10.7km az=58.0.									
CASC	Error ellipse: s-maj=9.7km s-min=16.9km az=-1.0.									
MEX	Error ellipse: s-maj=7.2km s-min=8.4km az=-1.0.									
ISCJB	Event type fe. Error ellipse: s-maj=4.5km s-min=2.0km az=60.5.									

HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s96,c175; Mantle waves: s96,c173; Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; M1.136±0.03 M22=1.05±0.02; M33=0.31±0.02; M11=0.78±0.02; M22=0.53±0.01; M33=0.53±0.03; Best double couple: NP1:φ=294.00000°; λ=828.00000°; λ=83.00000°. NP2:φ=121.00000°; λ=863.00000°; λ=94.00000°. Principal axes: T 1.6600,Plg72.0000°,AzM40.0000°; N -0.0440,Plg3.0000°,AzM300.0000°; P -1.6190,Plg17.0000°,AzM209.0000°; M1.63900x10 ¹⁷									
NEIC	Event type fe. Error ellipse: s-maj=6.5km s-min=3.6km az=218.0. Felt at San Pedro La Laguna Guatemala.									
SZGRF	Guatemala.									
(267) Halmahera										
ISC	V	14 07 42 53.2-64	1.31S-03	127.83E-04	37-6	5.3b,4.5s	227	2-165		
BJI	V	14 07 42 44.1	2.02S	128.30E	34	5.3b,5.3b			191338983	
IDC	V	14 07 42 47.7-36	1.41S	127.38E	0	5.2L,5.0				
ISCJB	V	14 07 42 51.4-72	1.32S-03	127.72E-04	38-6	5.3b,4.5s				
MOS	V	14 07 42 52.5-1.1	1.04S	127.58E	33	5.2b,4.5s				
HRVD	V	14 07 42 53.3-10	1.24S	127.75E	20-0	5.3W,4.5s				
NEIC	V	14 07 42 53.3-14	1.27S	127.67E	35	5.2b,4.8s				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=21.8km s-min=9.7km az=71.0.									
ISCJB	Event type fe. Error ellipse: s-maj=6.5km s-min=4.5km az=122.4.									
MOS	Error ellipse: s-maj=12.0km s-min=6.7km az=108.9.									
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s67,c104; Mantle waves: s88,c159; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; M1.104±0.03 M22=1.14±0.02; M33=1.19±0.02; M11=0.27±0.04; M22=0.43±0.02; M33=0.08±0.04; Best double couple: NP1:φ=34.00000°; λ=848.00000°; λ=65.00000°. NP2:φ=179.00000°; λ=848.00000°; λ=115.00000°. Principal axes: T 1.3180,Plg0.0000°,AzM287.0000°; N -0.1810,Plg18.0000°,AzM196.0000°; P -1.1300,Plg72.0000°,AzM17.0000°; M1.22400x10 ¹⁷									
NEIC	Event type fe. Error ellipse: s-maj=7.2km s-min=4.7km az=69.0. Felt [III] at Labuha, Pulau Bacan.									
(227) Eastern Honshu										
ISC	V	14 10 46 47.5-29	38.96N-03	140.62E-03	1	4.1b,3.1s	67	0-146		
NIED	V	14 10 46 46.0	39.00N	140.60E	11	3.9W,3.1s			19804740	
JMA	V	14 10 46 46.7-10	38.99N	140.62E	1-1	4.4,3.1s				
ISCJB	V	14 10 46 46.3-29	38.97N-03	140.62E-03	1	4.1b,3.1s				
IDC	V	14 10 46 47.3-70	38.91N	140.50E	0	4.2,3.9				
MOS	V	14 10 46 50.7-1.1	38.97N	140.35E	33	4.3b,3.9				
NEIC	V	14 10 46 53.6-1.3	38.88N	140.36E	46-13	4.1b,3.9				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=51.00000°; λ=888.00000°; λ=169.00000°. NP2:φ=141.00000°; λ=879.00000°; λ=2.00000°. M8.81000x10 ¹⁴									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=97.00000°; λ=846.00000°; λ=110.00000°. NP2:φ=304.00000°; λ=848.00000°; λ=71.00000°. Principal axes: T Plg1.0000°,AzM21.0000°; N Plg14.0000°,AzM111.0000°; P Plg76.0000°,AzM287.0000°.									
ISCJB	Event type fe. Error ellipse: s-maj=4.3km s-min=3.2km az=116.8.									
IDC	Error ellipse									

ISCJB Event type fe. Error ellipse: s-maj=9.4km s-min=4.9km az=32.5.
NEIC Event type fe. Recorded [4 TAP] in Hua-lien, [3 TAP] in I-lan and [2 TAP] in Nan-t'ou Counties. After TAP.

(228) Near east coast of eastern Honshu

ISC	V	16 06 05 58.9-45	34.54N-04	140.23E-05	70-4	3.7b	38	0-66
ISCJB	V	16 06 05 57.8-46	34.54N-04	140.23E-05	77-4	3.7b		18713638
JMA	V	16 06 05 58.1-20	34.55N	140.23E	71-2	4.0		
MOS	V	16 06 05 58.8-26	34.52N	140.06E	92	4.2b		
IDC	V	16 06 05 59.7-1.5	34.53N	140.23E	79-14	3.9,3.7		
NIED	V	16 06 06 00	34.50N	140.30E	68	3.8W,3.7		

ISC Event type fe.
ISCJB Event type fe. Error ellipse: s-maj=7.2km s-min=5.8km az=117.5.
JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: $\phi_1=86.00000^\circ$; $\lambda_1=169.00000^\circ$; NP2: $\phi_2=187.00000^\circ$; $\lambda_2=89.00000^\circ$; $\lambda_3=85.00000^\circ$. Principal axes: T Plg46.00000; Azm92.00000; N Plg5.00000; Azm187.00000; P Plg44.00000; Azm282.00000

MOS Error ellipse: s-maj=54.0km s-min=26.6km az=103.3.
IDC Error ellipse: s-maj=29.3km s-min=6.8km az=76.0.
NIED Moment Tensor Solution. Best double couple: NP1: $\phi_1=181.00000^\circ$; $\lambda_1=74.00000^\circ$; NP2: $\phi_2=61.00000^\circ$; $\lambda_2=118.00000^\circ$; $\lambda_3=149.00000^\circ$; M: 6.01000x10¹⁴

(236) Shikoku

JMA	V	16 07 23 03.8-10	32.68N	132.90E	26-1	3.6		
NIED	V	16 07 23 00	32.70N	132.90E	17	3.4W		19261616

ISC Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
JMA Moment Tensor Solution. Best double couple: NP1: $\phi_1=131.00000^\circ$; $\lambda_1=163.00000^\circ$; NP2: $\phi_2=38.00000^\circ$; $\lambda_2=873.00000^\circ$; $\lambda_3=10.00000^\circ$; M: 1.55000x10¹⁴

(177) Kermadec Islands region

ISC	V	16 10 39 23.8-12	31.84S-02	179.16W-03	156	6.6b	532	3-176
SZGRF	V	16 10 39 18.7	30.21S	177.60W	33	7.2b		110698463
GUC	V	16 10 39 19.6-2.1	31.81S	179.65E	150-0	7.4W,6.6b		
IDC	V	16 10 39 20.7-90	31.57S	179.17W	122-6	6.8S,6.8		
CRAAG	V	16 10 39 21.1	31.52S	179.33W		7.5W,6.8		
MOS	V	16 10 39 21.0-1.1	31.56S	179.16W	134	7.0S,6.7b		
ISCJB	V	16 10 39 22.3-11	31.80S-02	179.26W-03	154	6.6b,6.7b		
HRVD	V	16 10 39 23.3-10	31.41S	178.91W	151-0	7.4W,6.7b		
BGS	V	16 10 39 23.3	31.78S	179.31W	152	7.0S,6.7b		
BJI	V	16 10 39 23.3	31.80S	179.30W	151	7.5b,6.5b		
IGIL	V	16 10 39 23.3	31.60S	179.30W	149	7.5S,6.5b		
NEIC	V	16 10 39 23.3-09	31.81S	179.31W	152	7.4W,7.2		
WEL	V	16 10 39 24.8-20	31.80S	179.30W	152	7.6b,7.4L		

ISC Event type fe.
SZGRF Kermadec Islands, New Zealand.
GUC Error ellipse: s-maj=256.1km s-min=290.2km az=-1.0.
IDC Error ellipse: s-maj=11.1km s-min=8.3km az=165.0.
MOS Error ellipse: s-maj=9.5km s-min=7.5km az=59.8.
ISCJB Event type fe. Error ellipse: s-maj=4.1km s-min=2.6km az=65.7.
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=150s. Centroid Moment Tensor Solution. LP body waves: s116.c329; Mantle waves: s113.c582; Half duration: 12s7 Moment tensor: Scale 10²⁰Nm; Mr: 1.07±0.01 Mw: 0.50±0.00; M₀: 0.56±0.01; Mr: 0.31±0.00; Mw: 0.37±0.00; Mr: 1.46±0.01; Best double couple: NP1: $\phi_1=129.00000^\circ$; $\lambda_1=819.00000^\circ$; $\lambda_2=58.00000^\circ$; NP2: $\phi_2=342.00000^\circ$; $\lambda_2=874.00000^\circ$; $\lambda_3=10.00000^\circ$. Principal axes: T 1.9280, Plg60.0000; Azm266.0000; N -0.3000, Plg10.0000; Azm159.0000; P -1.6260, Plg28.0000; Azm64.0000; M: 1.77700x10²⁰

NEIC Event type fe. Error ellipse: s-maj=6.6km s-min=3.5km az=124.0. Felt [III] at Christchurch and Wellington, New Zealand. Also felt at Auckland, Gisborne, Hastings, Napier, Tauranga and Wanganui, New Zealand. Also felt on Kapiti Island, New Zealand. Complex earthquake, with at least one larger event occurring about 7 seconds after the onset observed on broadband displacement seismograms. Focal mechanism and depth based on first event. Energy computed from BB mechanism. Moment Tensor Solution. M: 3.90000x10²⁰ Moment Tensor Solution. s17 Moment tensor: Scale 10²⁰Nm; Mr: 1.32 Mw: 0.14 Mw: 1.46 Mw: 0.20 Mw: 0.32 Mw: 0.78 Best double couple: NP1: $\phi_1=13.00000^\circ$; $\lambda_1=860.00000^\circ$; $\lambda_2=92.00000^\circ$; NP2: $\phi_2=189.00000^\circ$; $\lambda_2=830.00000^\circ$; $\lambda_3=86.00000^\circ$. Principal axes: T 1.5300, Plg75.0000; Azm289.0000; N 0.2000, Plg2.0000; Azm192.0000; P -1.7300, Plg15.0000; Azm101.0000; M: 1.60000x10²⁰ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: $\phi_1=195.00000^\circ$; $\lambda_1=820.00000^\circ$; $\lambda_2=90.00000^\circ$; NP2: $\phi_2=15.00000^\circ$; $\lambda_2=870.00000^\circ$; $\lambda_3=90.00000^\circ$. Principal axes: T Plg65.0000; Azm285.0000; N Plg0.0000; Azm0.0000; P Plg25.0000; Azm105.0000

WEL Event type fe. Felt between Auckland, Otago and Chatham Islands, maximum reported intensity, MM 5.

(269) Southern Molucca Sea

ISC	V	16 14 16 12.3-17	0.19S-03	125.15E-04	35	5.5b,4.9s	331	5-168
BJI	V	16 14 16 12.4	0.91S	125.51E	25	5.7b,5.5b		18339066
ISCJB	V	16 14 16 20.2-17	0.22S-03	125.11E-04	33	5.5b,4.9s		
NEIC	V	16 14 16 20.8-2.0	0.12S	125.11E	25-14	5.4b,4.9s		
MOS	V	16 14 16 20.8-97	0.04S	125.05E	33	5.7b,4.9s		
IDC	V	16 14 16 21.7-2.0	0.13S	125.07E	31-13	5.1,5.0b		

ISC Event type fe.
ISCJB Event type fe. Error ellipse: s-maj=5.4km s-min=3.5km az=134.1.
NEIC Event type fe. Error ellipse: s-maj=7.1km s-min=4.3km az=60.0. Felt at Tomohon, Indonesia.
MOS Error ellipse: s-maj=10.7km s-min=5.5km az=116.4.
IDC Error ellipse: s-maj=17.1km s-min=9.9km az=76.0.

(706) Northern Sumatera

ISC	V	16 15 28 29.2-10	0.12N-02	97.11E-02	31	6.8S,6.5b	1380	3-173
BJI	V	16 15 28 24.4	0.10S	97.04E	22	7.3S,7.2b		18339067
IGIL	V	16 15 28 24.7	0.10N	97.00E	2	6.8S,7.2b		
CRAAG	V	16 15 28 24.6	0.16N	97.10E	6	6.9W,7.2b		
NEIC	V	16 15 28 25.9-08	0.09N	97.05E	12	7.6,6.8W		
HRVD	V	16 15 28 25.9-10	0.01N	96.98E	14-0	6.8W,6.8W		
ISCJB	V	16 15 28 27.1-10	0.14N-02	97.12E-02	29	6.8S,6.5b		
MOS	V	16 15 28 27.4-90	0.13N	97.04E	33	6.8b,6.8S		
IDC	V	16 15 28 29.2-4.6	0.12N	97.10E	33-34	6.8S,6.8		
SZGRF	V	16 15 28 29.5	0.27N	96.53E	34	6.8S,6.5b		
BGS	V	16 15 28 34.2	1.43N	95.56E	10	6.2b,6.5b		

ISC Event type fe.
ISCJB Event type fe. Error ellipse: s-maj=3.5km s-min=2.2km az=33.0. Felt [VI] at Gunungsitoli. Felt [V] at Sibolga; [IV] at Banda Aceh and Padang; felt at Bukitittingi and Medan, Sumatera. Felt at Balakong, Butterworth and Kuala Lumpur, Malaysia. Also felt in Singapore. Ground cracks observed on Nias. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s11 Moment tensor: Scale 10¹⁹ Nm; Mr: 0.57 Mw: 0.14 Mw: 0.43 Mw: 1.64 Mw: 0.34 Mw: 1.21 Best double couple: NP1: $\phi_1=307.00000^\circ$; $\lambda_1=882.00000^\circ$; $\lambda_2=96.00000^\circ$; NP2: $\phi_2=166.00000^\circ$; $\lambda_2=610.00000^\circ$; $\lambda_3=52.00000^\circ$. Principal axes: T 2.1300, Plg37.0000; Azm43.0000; N 0.0000, Plg6.0000; Azm308.0000; P -2.1300, Plg52.0000; Azm210.0000; M: 2.10000x10¹⁹ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: $\phi_1=56.00000^\circ$; $\lambda_1=361.00000^\circ$; $\lambda_2=168.00000^\circ$; NP2: $\phi_2=320.00000^\circ$; $\lambda_2=880.00000^\circ$; $\lambda_3=30.00000^\circ$. Principal axes: T Plg13.0000; Azm11.0000; N Plg0.0000; Azm0.0000; P Plg28.0000; Azm274.0000

HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s113.c261; Mantle waves: s112.c463; Half duration: 6s2 Moment tensor: Scale 10¹⁹Nm; Mr: 1.09±0.01 Mw: 0.31±0.01; M₀: 0.78±0.01; Mr: 0.66±0.03; Mw: 1.93±0.01; Mr: 0.79±0.03; Best double couple: NP1: $\phi_1=92.00000^\circ$; $\lambda_1=860.00000^\circ$; $\lambda_2=171.00000^\circ$; NP2: $\phi_2=358.00000^\circ$; $\lambda_2=882.00000^\circ$; $\lambda_3=31.00000^\circ$. Principal axes: T 2.7650, Plg15.0000; Azm49.0000; N -1.3520, Plg59.0000; Azm164.0000; P -1.4130, Plg27.0000; Azm311.0000; M: 2.08900x10¹⁹

ISCJB Event type fe. Error ellipse: s-maj=3.2km s-min=2.2km az=35.6.
MOS Error ellipse: s-maj=7.6km s-min=4.6km az=118.7.
IDC Error ellipse: s-maj=12.8km s-min=8.5km az=38.0.
SZGRF Off west coast of northern Sumatera, Indonesia.

(706) Northern Sumatera

ISC	V	16 16 19 42.6-16	0.11N-03	97.19E-03	33	5.7S,5.3b	435	3-170
BJI	V	16 16 19 37.6	0.22S	97.10E	30	6.3b,5.8S		110698472
ISCJB	V	16 16 19 40.4-16	0.12N-03	97.21E-03	31	5.7S,5.3b		
MOS	V	16 16 19 41.0-90	0.20N	97.17E	33	5.6b,5.3b		
NEIC	V	16 16 19 42.3-12	0.12N	97.16E	33	5.3b,5.3b		
IDC	V	16 16 19 42.4-33	0.15N	97.17E	33-2	5.1,4.9b		
SZGRF	V	16 16 19 46.0	0.06N	95.90E	33	5.3b,4.9b		

ISC Event type fe.
ISCJB Event type fe. Error ellipse: s-maj=4.3km s-min=3.5km az=56.6.
MOS Error ellipse: s-maj=8.0km s-min=4.3km az=117.9.

NEIC Event type fe. Error ellipse: s-maj=4.6km s-min=3.2km az=38.0. Felt [II] at Gunungsitoli. Felt at Banda Aceh, Sumatra.
IDC Error ellipse: s-maj=10.0km s-min=8.2km az=39.0.
SZGRF Off west coast of northern Sumatera, Indonesia.

(460) Wyoming

ISC	V	16 18 02 59.3-52	43.70N-03	105.17W-06	0	4.4b	37	1-61
IDC	V	16 18 02 56.0-23	43.24N	105.17W	0	3.8,3.6		19131589
ISCJB	V	16 18 02 58.1-55	43.73N-03	105.22W-07	0	4.4b,3.6		
NEIC	V	16 18 02 59.4-50	43.68N	105.21W	0	3.2L,3.6		

ISC Event type fe.
IDC Error ellipse: s-maj=49.6km s-min=8.0km az=155.0.
ISCJB Event type fe. Error ellipse: s-maj=6.9km s-min=4.6km az=9.8.
NEIC Event type fe. Error ellipse: s-maj=7.6km s-min=5.3km az=138.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.

(460) Wyoming

ISC	V	16 19 01 38.4-56	43.79N-04	105.17W-07	0	4.5b	25	1-61
ISCJB	V	16 19 01 37.1-56	43.80N-04	105.16W-07	0	4.5b		19131592
NEIC	V	16 19 01 38.4-49	43.74N	105.16W	1	3.0L		
IDC	V	16 19 01 38.6-1.6	43.81N	105.57W	0	4.4b,3.9		

ISC Event type fe.
ISCJB Event type fe. Error ellipse: s-maj=7.3km s-min=5.7km az=33.3.
NEIC Event type fe. Error ellipse: s-maj=7.3km s-min=5.9km az=144.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.
IDC Error ellipse: s-maj=42.0km s-min=7.6km az=149.0.

(381) Central Italy

ISC	V	16 21 02 52.6-28	42.63N-02	12.56E-02	8-3	3.8S,3.5b	150	0-48
CSEM	V	16 21 02 51.5-04	42.62N	12.57E	12	4.3L,3.5b		18339075
IDC	V	16 21 02 51.8-1.4	42.72N	12.49E	0	4.0S,4.0		
ROM	V	16 21 02 51.8-15	42.62N	12.56E	6-1	3.6L,3.2		
NEIC	V	16 21 02 52.6-25	42.59N	12.56E	10	3.6L,3.5L		
ISCJB	V	16 21 02 52.6-25	42.62N-02	12.54E-02	24-3	3.8S,3.5b		
PRU	V	16 21 02 53.0	42.80N	12.11E	0	3.8S,3.5b		
LDG	V	16 21 02 53.6-21	42.70N	12.68E	10-0	3.5S,3.5b		
STR	V	16 21 02 55.9-1.8	42.64N	12.35E	10-1	3.5L,3.5b		

ISC Event type fe.
CSEM Event type ke. Error ellipse: s-maj=1.0km s-min=0.9km az=57.0.
IDC Error ellipse: s-maj=22.7km s-min=15.2km az=89.0.
ROM Event type ke. Error ellipse: s-maj=1.1km s-min=0.8km az=53.0.
NEIC Event type fe. Error ellipse: s-maj=3.6km s-min=2.8km az=54.0. Felt at Terni.
ISCJB Event type fe. Error ellipse: s-maj=3.1km s-min=2.7km az=33.2.
LDG Event type ke. Error ellipse: s-maj=7.8km s-min=4.9km az=51.0.
STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0.

(173) Tonga Islands

ISC	V	17 03 06 16.4-14	20.72S-03	173.83W-03	11	5.7S,5.6b	310	7-171
IDC	V	17 03 06 13.5-43	20.67S	174.07W	0	5.8L,5.5S		19149458
ISCJB	V	17 03 06 14.7-14	20.70S-03	173.85W-04	10	5.7S,5.6b		
HRVD	V	17 03 06 16.2-10	20.74S	173.39W	12	5.8W,5.6b		
BJI	V	17 03 06 16.1	20.60S	173.90W	10	6.1b,5.9S		
NEIC	V	17 03 06 16.4-11	20.63S	173.95W	11	6.0W,5.9		
CRAAG	V	17 03 06 18.8	20.51S	173.99W		6.0W,5.9		
SZGRF	V	17 03 06 20.4	20.59S	171.75W	33	5.9b,5.9S		
MOS	V	17 03 06 21.2-1.2	19.90S	173.77W	33	5.8b,5.6S		

ISC Event type fe.
IDC Error ellipse: s-maj=15.8km s-min=10.9km az=148.0.
ISCJB Event type fe. Error ellipse: s-maj=5.8km s-min=3.7km az=89.9.
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s86.c172; Mantle waves: s107.c237; Half duration: 1s9 Moment tensor: Scale 10¹⁷Nm; Mr: 1.40±0.05 Mw: 0.56±0.05; M₀: 0.83±0.05; Mr: 0.15±0.12; Mw: 3.58±0.04; Mw: 4.40±0.12; Best double couple: NP1: $\phi_1=83.00000^\circ$; $\lambda_1=839.00000^\circ$; $\lambda_2=14.00000^\circ$; NP2: $\phi_2=185.00000^\circ$; $\lambda_2=881.00000^\circ$; $\lambda_3=128.00000^\circ$. Principal axes: T 5.8280, Plg26.0000; Azm304.0000; N -0.0470, Plg37.0000; Azm192.0000; P -5.7800, Plg41.0000; Azm60.0000; M: 5.80400x10¹⁷

NEIC Event type fe. Error ellipse: s-maj=6.9km s-min=4.0km az=142.0. Felt on Tonga and the Ha'apai Islands. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s43 Moment tensor: Scale 10¹⁸ Nm; Mr: 0.04 Mw: 0.19 Mw: 0.22 Mw: 0.25 Mw: 1.02 Best double couple: NP1: $\phi_1=193.00000^\circ$; $\lambda_1=888.00000^\circ$; $\lambda_2=73.00000^\circ$; NP2: $\phi_2=289.00000^\circ$; $\lambda_2=817.00000^\circ$; $\lambda_3=174.00000^\circ$. Principal axes: T 1.1200, Plg41.0000; Azm267.0000; N -0.0600, Plg17.0000; Azm13.0000; P -1.0600, Plg44.0000; Azm120.0000; M: 1.10000x10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: $\phi_1=175.00000^\circ$; $\lambda_1=82.00000^\circ$; $\lambda_2=90.00000^\circ$; NP2: $\phi_2=355.00000^\circ$; $\lambda_2=888.00000^\circ$; $\lambda_3=90.00000^\circ$. Principal axes: T Plg47.0000; Azm265.0000; N Plg0.0000; Azm0.0000; P Plg43.0000; Azm85.0000

SZGRF Tonga Islands region.
MOS Error ellipse: s-maj=11.7km s-min=7.5km az=75.4.

(274) Southern Sumatera

ISC	V	17 03 48 19.2-31	4.48S-05	102.72E-05	31	5.0b,4.7s	162	6-149
ISCJB	V	17 03 48 18.8-30	4.49S-05	102.72E-05	30	5.0b,4.7s		18358

(136) Central Chile
GUC V 17 22 29 29.0-59 35.72S 71.72W 64-2 4.0L,4.0
NEIC V 17 22 29 29.0 35.72S 71.72W 64 4.0,4.0 **18647908**
GUC Error ellipse: s-maj=1.6km s-min=3.0km az=1.0.
NEIC Event type fe. Felt [III] at Linares, San Javier and Talca. After GUC.

(138) La Rioja Province
ISC V 17 23 40 33.7-55 28.44S-03 67.42W-05 41-5 4.5b,4.0s 101 3-173
MOS V 17 23 40 31.6-1.3 28.39S 67.43W 33 4.9b,4.0s
NEIC V 17 23 40 31.7 28.43S 67.57W 20 4.8b,4.7L **18358220**
ISC V 17 23 40 31.3-67 28.45S-03 67.39W-05 35-6 4.5b,5.0s
BJI V 17 23 40 31.7 28.40S 67.60W 20 5.3s,4.9b
GUC V 17 23 40 31.7-82 28.43S 67.57W 20-28 4.7L,4.9b
IDC V 17 23 40 35.0-2.8 28.44S 67.38W 56-23 4.4L,4.2
ISC Event type fe.
MOS Error ellipse: s-maj=14.0km s-min=11.0km az=93.4.
NEIC Event type fe. Felt [III] in the Tinogasta, Catamarca area. After GUC.
ISC Event type fe. Error ellipse: s-maj=7.1km s-min=5.4km az=28.8.
GUC Error ellipse: s-maj=3.5km s-min=15.6km az=-1.0.
IDC Error ellipse: s-maj=22.7km s-min=16.5km az=55.0.

(459) Yellowstone region
ISC V 18 10 16 22.2-27 44.19N-01 110.37W-03 8 3.9b 91 0-89
NEIC V 18 10 16 20.0 44.21N 110.25W 8 3.8L,3.8W **18358246**
IDC V 18 10 16 20.4-60 44.17N 110.23W 0 4.1,4.0b
ISC V 18 10 16 21.0-27 44.20N-02 110.35W-03 8 3.9b,4.0b
ISC Event type fe.
NEIC Event type fe. Felt [III] in Yellowstone National Park. Felt at Cody. Also felt at Bozeman, Montana. After SLC. Moment Tensor Solution. M₀6.50000×10¹⁴
ISC Event type fe.

(460) Wyoming
ISC V 18 18 02 45.6-49 43.77N-04 105.17W-06 0 4.3b 35 1-61
IDC V 18 18 02 43.6-1.4 43.46N 105.39W 0 4.1b,3.9
ISC V 18 18 02 44.1-50 43.76N-04 105.19W-06 0 4.3b,3.9
NEIC V 18 18 02 45.7-36 43.74N 105.19W 0 3.2L,3.9
ISC Event type fm.
IDC Error ellipse: s-maj=34.8km s-min=7.5km az=153.0.
ISC Event type fm. Error ellipse: s-maj=6.9km s-min=5.7km az=64.6.
NEIC Event type fm. Error ellipse: s-maj=5.3km s-min=4.3km az=123.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.

(135) Near coast of central Chile
ISC V 18 18 26 21.7-77 32.44S-03 71.94W-05 18-4 4.6b,4.2s 92 0-176
BJI V 18 18 26 18.1 32.35S 72.19W 10 5.1s,4.9s **18358253**
IDC V 18 18 26 18.3-66 32.44S 71.78W 0 4.7b,4.7
MOS V 18 18 26 19.8-1.6 32.45S 71.65W 10 5.2b,4.7
NEIC V 18 18 26 20.1-36 32.43S 71.98W 10 4.9L,4.8b
HRVD V 18 18 26 20.1-70 32.34S 72.14W 24-2 5.0W,4.8b
ISC V 18 18 26 21.3-76 32.45S-03 72.01W-05 26-5 4.6b,4.2s
GUC V 18 18 26 22.6-99 32.47S 71.85W 13-3 4.9L,4.2s
ISC Event type fe.
IDC Error ellipse: s-maj=24.3km s-min=17.4km az=99.0.
MOS Error ellipse: s-maj=18.6km s-min=10.8km az=89.0.
NEIC Event type fe. Error ellipse: s-maj=8.8km s-min=4.7km az=63.0. Felt [IV] at Papudo; [III] at Petorca, Rancagua, Santiago, Valparaiso and Vina del Mar; [II] at San Antonio and San Felipe

HRVD Error ellipse: s-maj=6.7km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14,c16; Mantle waves: s28,c30; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M₀3.29±0.17±.28; M₀3.13±.28; M₀0.85±.55; M₀0.07±.17; M₀3.11±.50; Best double couple: NP1:φ₀11.00000°,λ₀24.00000°,λ₁109.00000°. NP2:φ₀170.00000°,λ₀868.00000°,λ₁82.00000°. Principal axes: T 4.6850,Plg66.0000°,Az=170.0000°; N -0.2890,Plg7.0000°,Az=173.0000°; P -4.4050,Plg22.0000°,Az=266.0000°; M₀4.545000×10¹⁶
ISC Event type fe. Error ellipse: s-maj=7.7km s-min=3.7km az=134.1.
GUC Error ellipse: s-maj=1.6km s-min=4.9km az=-1.0.

(460) Wyoming
ISC V 18 20 00 50.2-59 43.76N-04 105.14W-07 0 4.0b 27 1-61
IDC V 18 20 00 47.5-2.5 43.34N 105.20W 0 3.8b,3.7 **18313696**
ISC V 18 20 00 49.6-66 43.77N-04 105.24W-08 0 4.0b,3.7
NEIC V 18 20 00 50.4-86 43.71N 105.22W 0 3.2L,3.7
ISC Event type fm.
IDC Error ellipse: s-maj=56.5km s-min=8.4km az=154.0.
ISC Event type fm. Error ellipse: s-maj=8.1km s-min=6.1km az=178.5.
NEIC Event type fm. Error ellipse: s-maj=11.0km s-min=10.5km az=190.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.

(375) Iraq
ISC V 18 23 37 25.0-32 35.05N-05 44.69E-04 35 4.2s,4.1b 107 1-80
TEH V 18 23 37 15.2 34.91N 43.63E 29 4.2,4.1b **18358262**
IDC V 18 23 37 19.5-87 35.03N 44.70E 0 3.9,3.9b
MOS V 18 23 37 21.7-91 34.99N 44.74E 33 4.7b,3.9L
CSEM V 18 23 37 22.4-07 35.11N 44.62E 30 4.5b,3.9L
ISC V 18 23 37 22.9-31 34.96N-05 44.60E-04 33 4.2s,4.1b
NEIC V 18 23 37 23.4-54 34.80N 44.54E 30 4.4b,4.2
ISC Event type fe.
IDC Error ellipse: s-maj=19.2km s-min=16.9km az=127.0.
MOS Error ellipse: s-maj=14.5km s-min=8.2km az=133.5.
CSEM Event type ke. Error ellipse: s-maj=4.4km s-min=1.9km az=27.0.
ISC Event type fe. Error ellipse: s-maj=7.8km s-min=4.1km az=37.9.
NEIC Event type fe. Error ellipse: s-maj=18.2km s-min=5.7km az=203.0. Felt at Kirkuk.

(56) Near coast of Michoacan
ISC V 18 23 51 19.5-66 18.79N-06 103.80W-04 55-8 3.7b 42 0-85
IDC V 18 23 51 13.1-6.6 19.01N 103.17W 0 4.1,3.8 **18313706**
ISC V 18 23 51 18.3-67 18.76N-06 103.77W-04 62-7 3.7b,3.8
MEX V 18 23 51 20.5-52 18.78N 103.74W 12-7 4.6,3.8
NEIC V 18 23 51 21.0 18.77N 103.75W 20 4.6,3.8
ISC Event type fe.
IDC Error ellipse: s-maj=161.9km s-min=67.8km az=31.0.
ISC Event type fe. Error ellipse: s-maj=10.7km s-min=4.5km az=54.2.
MEX Error ellipse: s-maj=4.6km s-min=2.3km az=-1.0.
NEIC Event type fe. Felt at Colima. After MEX.

(136) Central Chile
ISC V 19 00 22 45.9-54 28.28S-03 70.97W-10 49-6 4.0b 42 0-152
ISC V 19 00 22 44.9-50 28.29S-03 70.91W-09 61-5 4.0b **18358270**
NEIC V 19 00 22 45.0 28.32S 70.82W 50 4.1b
IDC V 19 00 22 45.7-1.0 28.26S 70.98W 51-7 3.9,3.8
GUC V 19 00 22 45.5-82 28.32S 70.82W 50-5 4.5L,3.8
ISC Event type fe.
ISC Event type fe. Error ellipse: s-maj=13.7km s-min=4.3km az=9.0.
NEIC Event type fe. Felt [III] at Vallenar and [II] at Copiapo, Freirina and Huasco. After GUC.
IDC Error ellipse: s-maj=24.8km s-min=11.6km az=76.0.
GUC Error ellipse: s-maj=2.0km s-min=10.9km az=-1.0.

(269) Southern Molucca Sea
ISC V 19 14 44 27.0-13 0.30S-02 124.85E-02 58 5.9b,5.7s 579 5-168
NEIC V 19 14 44 24.9-11 0.14S 124.71E 35 6.1W,6.0b **18344276**
IDC V 19 14 44 24.3-1.1 0.18S 124.81E 33-7 5.7,5.7s
ISC V 19 14 44 25.0-13 0.29S-02 124.83E-02 56 5.9b,5.7s
HRVD V 19 14 44 24.9-10 0.24S 124.92E 31-0 6.3W,5.7s
MOS V 19 14 44 24.3-1.3 0.06N 124.63E 33 6.2b,5.7s
BJI V 19 14 44 24.9 0.10S 124.70E 35 6.0b,5.8s
ISC Event type fe.
NEIC Event type fe. Error ellipse: s-maj=5.1km s-min=3.6km az=72.0. Felt [III] at Manado, Indonesia. Also felt at Tomohon, Indonesia. Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism. Moment Tensor Solution. s33 Moment tensor: Scale 10¹⁸ Nm; M₀0.99 M₀0.01 M₀0.10 M₀0.36 M₀0.88 M₀1.25 Best double couple: NP1:φ₀1.00000°,λ₀871.00000°,λ₁121.00000°. NP2:φ₀120.00000°,λ₀336.00000°,λ₁34.00000°. Principal axes: T 1.8800,Plg53.0000°,Az=309.0000°; N -0.0400,Plg29.0000°,Az=170.0000°; P -1.8400,Plg20.0000°,Az=68.0000°; M₀1.90000×10¹⁸
IDC Error ellipse: s-maj=9.8km s-min=6.9km az=67.0.
ISC Event type fe. Error ellipse: s-maj=5.6km s-min=2.4km az=147.3.
HRVD Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s116,c281; Mantle waves: s112,c363; Half duration: 3s4 Moment tensor: Scale 10¹⁸Nm; M₀1.68±.02 M₀-1.62±.01; M₀0.05±.02; M₀0.07±.03; M₀0.146±.01;

M₀2.52±.04; Best double couple: NP1:φ₀267.00000°,λ₀388.00000°,λ₁149.00000°. NP2:φ₀22.00000°,λ₀872.00000°,λ₁56.00000°. Principal axes: T 3.6420,Plg51.0000°,Az=254.0000°; N -0.6880,Plg32.0000°,Az=34.0000°; P -2.9470,Plg20.0000°,Az=137.0000°; M₀3.29500×10¹⁸
MOS Error ellipse: s-maj=8.9km s-min=4.6km az=114.1.
JMA (235) **Kyushu**
V 19 16 42 38.4 33.31N 131.36E 8-1 3.7 **18358291**

Event type fe. **18358291**
JMA (110) **Peru-Ecuador border region**
ISC V 19 17 53 46.4-47 4.54S-04 80.89W-06 44 4.6s,4.2b 59 2-153
IGQ V 19 17 53 42.8 4.26S 80.85W 0-18 4.6b,4.4s **18358291**
ISC V 19 17 53 44.4-46 4.53S-04 80.90W-06 42 4.6s,4.2b
IDC V 19 17 53 45.7-76 4.42S 80.71W 39-4 4.4L,4.1
NEIC V 19 17 53 46.7-1.2 4.47S 80.64W 47-13 4.4b,4.1
BJI V 19 17 53 52.3 3.79S 80.35W 33 5.2s,5.0s
ISC Event type fe.
IGQ Error ellipse: s-maj=38.2km s-min=8.6km az=111.6.
ISC Event type fe. Error ellipse: s-maj=8.6km s-min=5.4km az=28.3.
IDC Error ellipse: s-maj=27.8km s-min=12.4km az=51.0.
NEIC Event type fe. Error ellipse: s-maj=14.9km s-min=8.3km az=52.0. Felt [III] at Mancora and Talara, Peru.

(228) Near east coast of eastern Honshu
ISC V 19 22 20 15.1-48 35.94N-03 140.17E-05 65-5 3.7b 38 0-65
NIED V 19 22 20 00 36.00N 140.20E 68 3.7W **18358291**
MOS V 19 22 20 13.5-67 35.82N 140.21E 78 4.6b
ISC V 19 22 20 14.1-48 35.94N-03 140.17E-05 72-4 3.7b
NEIC V 19 22 20 15.4 35.99N 140.16E 60 3.4
JMA V 19 22 20 15.4-10 35.99N 140.16E 60-1 3.6
IDC V 19 22 20 15.7-2.0 35.87N 140.19E 74-20 3.8,3.7
ISC Event type fe.
Moment Tensor Solution. Best double couple: NP1:φ₀184.00000°,λ₀67.00000°,λ₁69.00000°. NP2:φ₀320.00000°,λ₀130.00000°,λ₁130.00000°. M₀4.34000×10¹⁴
ISC Error ellipse: s-maj=34.8km s-min=18.5km az=37.4.
NEIC Event type fe. Error ellipse: s-maj=7.5km s-min=4.8km az=146.9.
NEIC Event type se. After JMA.
JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
IDC Error ellipse: s-maj=26.3km s-min=8.9km az=65.0.

(233) Near south coast of western Honshu
ISC V 19 22 21 22.0-49 34.18N-03 135.12E-03 3-4 3.8b 35 0-69
NIED V 19 22 21 00 34.20N 135.10E 5 3.8W **18313744**
ISC V 19 22 21 21.4-57 34.17N-03 135.10E-03 11-4 3.8b
NEIC V 19 22 21 21.8 34.19N 135.13E 6 4.0b
JMA V 19 22 21 21.8 34.19N 135.13E 6-1 3.9
MOS V 19 22 21 25.4-95 34.16N 135.24E 53 4.9b
IDC V 19 22 21 29.9-1.7 34.27N 135.47E 81-16 4.0,3.8
ISC Event type fe.
Moment Tensor Solution. Best double couple: NP1:φ₀215.00000°,λ₀84.00000°,λ₁117.00000°. NP2:φ₀355.00000°,λ₀44.00000°,λ₁130.00000°. M₀5.70000×10¹⁴
ISC Event type fe. Error ellipse: s-maj=5.0km s-min=4.4km az=101.1.
NEIC Event type se. After JMA.
JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ₀212.00000°,λ₀849.00000°,λ₁118.00000°. NP2:φ₀352.00000°,λ₀849.00000°,λ₁62.00000°. Principal axes: T Plg69.0000°,Az=192.0000°; N Plg21.0000°,Az=12.0000°; P Plg0.0000°,Az=102.0000°
MOS Error ellipse: s-maj=21.6km s-min=14.5km az=70.7.
IDC Error ellipse: s-maj=18.0km s-min=14.1km az=170.0.

(159) North Island
ISC V 20 03 23 43.8-47 40.04S-03 176.76E-06 44-5 4.5s,4.0b 102 0-153
IDC V 20 03 23 39.5-1.8 39.94S 176.58E 10 4.5s,4.5 **18313774**
ISC V 20 03 23 42.8-50 40.07S-03 176.78E-06 53-5 4.5s,4.0b
NEIC V 20 03 23 43.0-54 40.09S 176.85E 38-7 4.2b,4.1L
WEL V 20 03 23 44.8-17 39.97S 176.70E 31-1 4.2L,4.1L
ISC Event type fe.
IDC Error ellipse: s-maj=41.8km s-min=21.3km az=126.0.
ISC Event type fe. Error ellipse: s-maj=7.5km s-min=4.0km az=31.8.
NEIC Event type se. Error ellipse: s-maj=8.0km s-min=3.4km az=107.0.
WEL Event type fe. Error ellipse: s-maj=2.1km s-min=1.0km az=90.0. Felt in the Hawke's Bay region, maximum reported intensity MM 4.

(230) Near south coast of eastern Honshu
ISC V 20 04 57 53.2-19 35.14N-03 140.02E-03 71 4.4b 183 0-152
BJI V 20 04 57 50.0 34.96N 139.98E 71 5.1b,4.6b **18358291**
MOS V 20 04 57 51.1-89 35.06N 139.98E 70 4.7b,4.6b
ISC V 20 04 57 51.8-19 35.17N-03 140.05E-03 69 4.4b,4.6b
NEIC V 20 04 57 52.7-19 35.03N 139.99E 70 4.6b,4.5W
IDC V 20 04 57 52.9-44 35.14N 140.01E 70-4 4.3,4.1
JMA V 20 04 57 52.0-20 35.20N 140.11E 74-2 4.7,4.1
NIED V 20 04 58 00 35.20N 140.10E 68 4.5W,4.1
SZGRF V 20 04 58 06.3 34.99N 141.04E 33 5.0b,4.1
ISC Event type fe.
MOS Error ellipse: s-maj=11.8km s-min=6.8km az=115.3.
ISC Event type fe. Error ellipse: s-maj=3.7km s-min=3.4km az=16.9.
NEIC Event type fe. Error ellipse: s-maj=5.4km s-min=4.8km az=176.0. Felt at Chiba, Tokyo, Yokohama and Yokosuka. Recorded [3 JMA] in Chiba; [2 JMA] in Ibaraki, Kanagawa, Saitama, Shizuoka and Tokyo; [1 JMA] in Tochigi and Yamanashi Prefectures. Moment Tensor Solution. M₀6.80000×10¹⁵
IDC Error ellipse: s-maj=14.5km s-min=6.2km az=89.0.
JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ₀122.00000°,λ₀88.00000°,λ₁17.00000°. NP2:φ₀229.00000°,λ₀87.00000°,λ₁98.00000°. Principal axes: T Plg42.0000°,Az=327.0000°; N Plg0.0000°,Az=230.0000°; P Plg47.0000°,Az=131.0000°

NIED Moment Tensor Solution. Best double couple: NP1:φ₀269.00000°,λ₀863.00000°,λ₁123.00000°. NP2:φ₀144.00000°,λ₀842.00000°,λ₁43.00000°. M₀6.80000×10¹⁵
SZGRF Off east coast of Honshu, Japan.
(76) Off coast of central America

ISC V 20 21 09 14.4-43 13.03N-06 88.91W-05 60-5 4.3b 87 1-140
MOS V 20 21 09 09.6-1.4 13.00N 88.96W 33 4.6b **18358349**
NEIC V 20 21 09 11.3-53 12.86N 89.10W 35 4.8,4.5b
BJI V 20 21 09 11.3 12.90N 89.10W 35 5.2s,4.9s
ISC V 20 21 09 12.5-47 12.97N-06 88.98W-05 62-5 4.3b,4.9s
CASC V 20 21 09 12.4-2.9 13.10N 88.99W 75-29 4.7L,4.5
IDC V 20 21 09 13.3-3.4 13.10N 88.86W 56-31 4.4L,4.3
ISC Event type fe.
MOS Error ellipse: s-maj=26.9km s-min=9.0km az=113.9.
NEIC Event type fe. Error ellipse: s-maj=17.2km s-min=7.8km az=56.0. Felt [III] at San Salvador.
ISC Event type fe. Error ellipse: s-maj=11.5km s-min=4.0km az=74.1.
CASC Error ellipse: s-maj=28.5km s-min=16.8km az=-1.0.
IDC Error ellipse: s-maj=33.4km s-min=11.5km az=64.0.

(366) Turkey
ISC V 21 03 48 33.9-14 37.99N-01 42.74E-02 5 4.8b,4.4s 748 1-100
NSSC V 21 03 48 15.6 39.00N 44.28E 43 4.8b,4.4s **18344310**
NSSP V 21 03 48 30.3 38.32N 42.35E 5 4.5L,4.4s
BJI V 21 03 48 31.3 37.93N 42.19E 23 5.4b,4.9s
NEIC V 21 03 48 31.0 38.00N 42.61E 5 4.9b,4.8L
ISK V 21 03 48 31.9 38.00N 42.61E 5 4.8L,4.8L
ISC V 21 03 48 32.0-14 37.96N-01 42.74E-02 5 4.8b,4.4s
MOS V 21 03 48 33.2-1.0 37.93N 42.56E 10 5.1b,4.2s
IDC V 21 03 48 34.3-46 38.12N 42.56E 0 4.6,4.6
CSEM V 21 03 48 38.1 37.98N 42.49E 46 5.0b,4.6
SZGRF V 21 03 48 38.8 37.62N 41.46E 10 5.0b,4.6
ISC Event type fe.
NSSC Event type fe.
NEIC Event type fe. Felt in the Bitlis-Pervari area. After ISK.
ISC Event type fe. Error ellipse: s-maj=2.1km s-min=1.8km az=141.4.
MOS Error ellipse: s-maj=4.8km s-min=2.7km az=131.8.
IDC Error ellipse: s-maj=10.0km s-min=7.9km az=135.0.
SZGRF Turkey.
(228) Near east coast of eastern Honshu
ISC V 21 07 22 36.4-53 38.70N-03 142.19E-05 44-4 4.5b,3.9s 207 1-145
NIED V 21 07

Table with columns for station name, coordinates, and magnitude. Includes stations BJI, MOS, JMA, NEIC, IDC, SZGRF, and sections for Southern Alaska (221) and Southeast of Honshu (211).

Table with columns for station name, coordinates, and magnitude. Includes stations BJI, MOS, JMA, NEIC, IDC, SZGRF, and sections for Hokkaido region (224) and Southern India (314).

Table with columns for station name, coordinates, and magnitude. Includes stations BJI, MOS, JMA, NEIC, IDC, SZGRF, and sections for Zimbabwe (580) and Mindanao (259).

Table with columns for station name, coordinates, and magnitude. Includes stations BJI, MOS, JMA, NEIC, IDC, SZGRF, and sections for Mindoro (250) and Eastern Siberia (671).

Table with columns for station name, coordinates, and magnitude. Includes stations BJI, MOS, JMA, NEIC, IDC, SZGRF, and sections for Eastern Siberia (671) and Kyushu, Japan.

Table with columns for station name, coordinates, and magnitude. Includes stations BJI, MOS, JMA, NEIC, IDC, SZGRF, and sections for Eastern Siberia (671) and Kyushu, Japan.

Table with columns for station name, coordinates, and magnitude. Includes stations BJI, MOS, JMA, NEIC, IDC, SZGRF, and sections for Eastern Siberia (671) and Kyushu, Japan.

Table with columns for station name, coordinates, and magnitude. Includes stations BJI, MOS, JMA, NEIC, IDC, SZGRF, and sections for Eastern Siberia (671) and Kyushu, Japan.

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Table with columns for station name, coordinates, and magnitude. Includes stations BJI, MOS, JMA, NEIC, IDC, SZGRF, and sections for Eastern Siberia (671) and Kyushu, Japan.

Table with columns for station name, coordinates, and magnitude. Includes stations IDC, CRAAG, ISCB, HRVD, BGS, IGIL, NEIC, SZGRF, and sections for Eastern Siberia, Russia.

Table with columns for station name, coordinates, and magnitude. Includes stations IDC, ISCB, HRVD, BGS, NEIC, and sections for Eastern Siberia, Russia.

Table with columns for station name, coordinates, and magnitude. Includes stations BGS, NEIC, and sections for Eastern Siberia, Russia.

Table with columns for station name, coordinates, and magnitude. Includes stations SZGRF, JMA, and sections for Near south coast of western Honshu.

Table with columns for station name, coordinates, and magnitude. Includes stations GUC, NEIC, and sections for Near coast of central Chile.

Table with columns for station name, coordinates, and magnitude. Includes stations ISCB, NEIC, CASC, IDC, and sections for El Salvador (73).

Table with columns for station name, coordinates, and magnitude. Includes stations ISCB, NEIC, CASC, IDC, and sections for Kamchatka Peninsula (217).

Table with columns for station name, coordinates, and magnitude. Includes stations ISCB, NEIC, CASC, IDC, and sections for Kamchatka Peninsula (217).

Table with columns for station name, coordinates, and magnitude. Includes stations ISCB, NEIC, CASC, IDC, and sections for Kamchatka Peninsula (217).

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Table with columns for station name, coordinates, and magnitude. Includes stations ISCB, NEIC, CASC, IDC, and sections for Kamchatka Peninsula (217).

(228) Near east coast of eastern Honshu
 ISC V 22 16 21 18.1-42 34.65N-04 140.60E-05 48-3 4.3b 51 0-58
 NIED V 22 16 21 00 34.70N 140.60E 53 4.1W 19807663
 IDC V 22 16 21 12.3-1.2 34.73N 140.86E 0 4.1,3.9
 MOS V 22 16 21 14.2-1.1 34.68N 140.91E 33 4.1b,3.9
 ISCJB V 22 16 21 16.9-43 34.65N-04 140.62E-05 57-3 4.3b,3.9
 NEIC V 22 16 21 16.9-83 34.63N 140.77E 35 4.6b,4.1W
 JMA V 22 16 21 17.3-10 34.68N 140.65E 54-1 4.1,4.1W
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ357.00000°,δ80.00000°,λ86.00000°. NP2:φ197.00000°,δ10.00000°,λ110.00000°. M₀1.83000×10¹⁵
 IDC Error ellipse: s-maj=31.9km s-min=18.0km az=77.0.
 MOS Error ellipse: s-maj=31.1km s-min=15.2km az=125.1.
 ISCJB Event type fe. Error ellipse: s-maj=7.5km s-min=5.5km az=89.3.
 NEIC Event type se. Error ellipse: s-maj=25.5km s-min=10.0km az=64.0. Moment Tensor Solution. M₀1.80000×10¹⁵
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.

(19) Southeastern Alaska
 ISC V 22 16 34 10.0-86 59.07N-03 136.39W-07 4-6 31 0-11
 ISCJB V 22 16 34 09.2-1.0 59.08N-04 136.38W-07 4-7 18494988
 PGC V 22 16 34 11.5 59.08N 136.29W 5 3.1L
 NEIC V 22 16 34 11.0 59.08N 136.29W 5 3.1L,3.0L
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=7.2km s-min=5.0km az=73.6.
 PGC Event type ke. Error ellipse: s-maj=4.4km s-min=2.3km az=-1.0. 60km southwest of Haines, Ak Glacier Bay, Alaska.
 NEIC Event type fe. Felt at Mile 37 on the Haines Highway. After PGC.

(135) Near coast of central Chile
 ISC V 22 20 39 11.7-1.6 28.40S-03 71.3W-10 24-11 3.9b 28 0-152
 NEIC V 22 20 39 09.3-64 28.38S 71.49W 10 4.5L 19131904
 ISCJB V 22 20 39 10.2-1.6 28.40S-03 71.4W-10 24-11 3.9b
 IDC V 22 20 39 12.5-8.1 28.65S 70.98W 40-60 4.2L,3.9
 ISC Event type fe.
 NEIC Event type fe. Error ellipse: s-maj=10.8km s-min=5.1km az=102.0. Felt [IV] at Alto del Carmen and Huasco; [III] at Freirina and Valenar.
 ISCJB Event type fe. Error ellipse: s-maj=15.7km s-min=4.7km az=19.6.
 IDC Error ellipse: s-maj=79.3km s-min=57.5km az=34.0.

(238) Ryukyu Islands
 JMA V 23 03 37 10.3-30 26.68N 126.35E 11-4 3.9 19261754
 NIED V 23 03 37 00 26.70N 126.30E 5 4.0W
 JMA Event type fe. Error ellipse: s-maj=2.2km s-min=2.0km az=-1.0.
 NIED Moment Tensor Solution. Best double couple: NP1:φ234.00000°,δ70.00000°,λ-130.00000°. NP2:φ122.00000°,δ44.00000°,λ-29.00000°. M₀1.01000×10¹⁵
 (80) Panama-Costa Rica border region
 ISC V 23 06 49 07.2-29 8.17N-03 82.65W-03 31 4.4b,3.9s 174 0-151
 MOS V 23 06 49 04.9-81 8.29N 82.46W 33 5.0b,3.9s 18358450
 ISCJB V 23 06 49 04.7-29 8.11N-03 82.62W-03 30 4.4b,3.9s
 CASC V 23 06 49 04.3-4.0 8.16N 82.62W 0-8 4.6b,4.5
 NEIC V 23 06 49 06.5-31 8.17N 82.71W 30 4.6b,4.5
 BJI V 23 06 49 06.0 8.20N 82.70W 30 5.0b,4.9s
 IDC V 23 06 49 09.3-1.5 8.20N 82.71W 61-14 4.5,4.3
 ISC Event type fe.
 MOS Error ellipse: s-maj=24.5km s-min=7.2km az=117.4.
 ISCJB Event type fe. Error ellipse: s-maj=5.4km s-min=3.1km az=60.1.
 CASC Error ellipse: s-maj=13.1km s-min=6.7km az=-1.0.
 NEIC Event type fe. Error ellipse: s-maj=8.2km s-min=4.0km az=39.0. Felt at San Jose, Costa Rica.

IDC Error ellipse: s-maj=19.6km s-min=8.7km az=43.0.
 (45) California-Baja California border region
 ISC V 24 04 20 27.8-32 32.36N-02 115.27W-02 6-2 5.0b,5.0s 436 0-145
 ISCJB V 24 04 20 26.2-41 32.37N-02 115.20W-02 4-2 5.0b,5.0s 110698591
 ECX V 24 04 20 26.0-76 32.41N 115.26W 12-3 5.2L,5.1
 BJI V 24 04 20 26.5 32.36N 115.42W 11 5.7b,5.4s
 MOS V 24 04 20 27.2-98 32.37N 115.10W 10 5.3b,5.0s
 IDC V 24 04 20 27.0-53 32.43N 115.19W 0 5.0s,5.0
 HRVD V 24 04 20 28.5-10 32.43N 115.28W 12 5.3W,5.0
 NEIC V 24 04 20 28.5 32.45N 115.27W 5 5.4W,5.2L
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=3.1km s-min=2.4km az=144.7.
 ECX Error ellipse: s-maj=1.8km s-min=2.5km az=-1.0.
 MOS Error ellipse: s-maj=6.8km s-min=4.1km az=72.7.
 IDC Error ellipse: s-maj=17.1km s-min=10.6km az=62.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s7,c89; Mantle waves: s99,c194; Half duration: 151 Moment tensor: Scale 10¹⁷Nm; M_{rr}-1.05±0.02 M_{θθ}0.27±0.02; M_{φφ}0.78±0.01; M_{rr}0.00±0.05; M_{θθ}0.50±0.1; M_{φφ}0.04±0.05; Best double couple: NP1:φ32.00000°,δ44.00000°,λ-89.00000°. NP2:φ210.00000°,δ46.00000°,λ-91.00000°. Principal axes: T 1.0920,Plg1.0000°,Azm301.0000°. P -N-0.0380,Plg1.0000°,Azm211.0000°; P -1.0510,Plg9.0000°,Azm75.0000°. M₀1.07100×10¹⁷

NEIC Event type fe. Felt [IV] at Mexicali. Felt at Ensenada. Also felt at San Luis Rio Colorado, Sonora. Felt [IV] at Calexico, Imperial, Ocotillo and Winterhaven; [III] at Boulevard, Brawley, El Centro, Heber, Holtville and San Diego; [II] at Blythe, Chula Vista, El Cajon, La Jolla, La Mesa and Lakeside, California. Also felt at Alpine, Bonita, Bonsall, Calipatria, Carlsbad, Coronado, Imperial Beach, Irvine, Jacumba, Lake Elsinore, Murrieta, Patero, San Marcos, Santee and Thermal, California. Felt [III] at Somerton, Wellton and Yuma, Arizona. Also felt at Cibola and Roll, Arizona. After ECX. Moment Tensor Solution. M₀4.80000×10¹⁶ Moment Tensor Solution. M₀1.40000×10¹⁷
 (159) North Island
 WEL V 24 06 33 21.9-15 38.35S 177.23E 44-2 4.2L 18440465
 NEIC V 24 06 33 22.0 38.34S 177.22E 42 4.3L
 WEL Event type fe. Error ellipse: s-maj=1.3km s-min=0.8km az=90.0. Felt in the Bay of Plenty region, maximum reported intensity MM 4.
 NEIC Event type fe. Felt at Opotiki and Whakatane. After WEL.

(197) Near north coast of Irian Jaya
 ISC V 24 10 11 08.3-18 2.24S-02 139.24E-03 32 5.7b,5.4s 335 6-161
 IDC V 24 10 11 03.0-39 2.24S 139.22E 0 5.5,5.5b 18358473
 MOS V 24 10 11 06.9-1.0 2.17S 139.16E 33 5.9b,5.3s
 BJI V 24 10 11 06.6 2.22S 139.52E 42 5.6b,5.4b
 ISCJB V 24 10 11 06.0-18 2.23S-02 139.23E-03 30 5.7b,5.4s
 NEIC V 24 10 11 07.8-14 2.25S 139.15E 30 6.0,5.7W
 HRVD V 24 10 11 08.0-10 2.05S 139.11E 30-0 5.7W,5.7W
 ISC Event type fe.
 IDC Error ellipse: s-maj=15.4km s-min=10.0km az=80.0.
 MOS Error ellipse: s-maj=9.5km s-min=5.0km az=108.8.
 ISCJB Event type fe. Error ellipse: s-maj=4.8km s-min=3.2km az=148.9.
 NEIC Event type fe. Error ellipse: s-maj=5.6km s-min=3.9km az=80.0. Felt [VI] at Sarmi and [IV] at Jayapura. Also felt at Aberpura. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s8 Moment tensor: Scale 10¹⁷Nm; M_{rr}-0.87 M_{θθ}-1.86 M_{φφ}2.73 M_{rr}-1.99 M_{θθ}-1.32 M_{φφ}2.68 Best double couple: NP1:φ133.00000°,δ82.00000°,λ-123.00000°. NP2:φ31.00000°,δ34.00000°,λ-14.00000°. Principal axes: T 4.8300,Plg29.0000°,Azm249.0000°. P -N-1.3300,Plg33.0000°,Azm138.0000°; P -3.5000,Plg43.0000°,Azm11.0000°. M₀4.20000×10¹⁷ Moment Tensor Solution. Broadband fault plane solution. P waves: NP1:φ59.00000°,δ40.00000°,λ-8.00000°. NP2:φ155.00000°,δ85.00000°,λ-130.00000°. Principal axes: T Plg29.0000°,Azm276.0000°; N Plg0.0000°,Azm0.0000°; P Plg37.0000°,Azm30.0000°

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s89,c165; Mantle waves: s102,c241; Half duration: 157 Moment tensor: Scale 10¹⁷Nm; M_{rr}-0.66±0.05 M_{θθ}-2.43±0.04; M_{φφ}3.10±0.05; M_{rr}-2.40±0.10; M_{θθ}0.79±0.03; M_{φφ}2.27±0.10; Best double couple: NP1:φ48.00000°,δ42.00000°,λ-10.00000°. NP2:φ145.00000°,δ84.00000°,λ-132.00000°. Principal axes: T 4.1850,Plg26.0000°,Azm266.0000°. P -N-0.4410,Plg41.0000°,Azm150.0000°; P -4.6160,Plg37.0000°,Azm19.0000°. M₀4.40000×10¹⁷
 (716) Kyrgyzstan
 ISC V 24 13 17 54.5-27 42.80N-03 72.94E-03 10 4.2b,3.4s 145 1-153
 IDC V 24 13 17 51.5-81 42.42N 72.86E 0 4.5L,4.3
 ISCJB V 24 13 17 53.3-30 42.91N-03 72.90E-03 10 4.2b,3.4s 18440477
 MOS V 24 13 17 53.7-1.4 42.91N 72.92E 13 4.2b,3.4s
 NEIC V 24 13 17 54.1-40 42.72N 72.99E 10 4.4b,3.4s

KNET V 24 13 17 55.5-57 42.62N 73.05E 21-3 4.2L,3.4s
 NNC V 24 13 17 55.4-46 43.08N 72.94E 0 4.6b,4.3
 BJI V 24 13 17 56.2 42.75N 73.01E 9 4.8b,4.6L
 ISC Event type fe.
 IDC Error ellipse: s-maj=17.8km s-min=10.6km az=164.0.
 ISCJB Event type fe. Error ellipse: s-maj=4.7km s-min=2.8km az=48.2.
 MOS Event type fe. Error ellipse: s-maj=7.6km s-min=6.2km az=101.2. Felt [III] at Merke, Talas. Moment Tensor Solution.
 NEIC Event type fe. Error ellipse: s-maj=9.0km s-min=6.4km az=223.0. Felt [IV] at Lugovoye and [III] at Merke. Also felt [III] at Talas, Kyrgyzstan.
 KNET Error ellipse: s-maj=3.4km s-min=2.2km az=91.0.
 NNC Error ellipse: s-maj=8.9km s-min=2.8km az=3.0.

(90) Puerto Rico region
 ISC V 24 16 38 53.7-24 18.10N-05 65.84W-03 156-2 4.0b 101 0-152
 ISCJB V 24 16 38 52.6-24 18.11N-05 65.84W-03 160-2 4.0b 18358478
 IDC V 24 16 38 52.8-44 17.94N 65.91W 153-2 4.3,3.9
 TRN V 24 16 38 52.8 18.14N 65.84W 154 4.4,3.9
 NEIC V 24 16 38 55.4 18.18N 65.90W 148 4.4,4.1
 RSPR V 24 16 38 55.4 18.18N 65.90W 148-1 4.0,4.0
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=8.6km s-min=3.7km az=26.8.
 IDC Error ellipse: s-maj=18.1km s-min=11.0km az=81.0.
 NEIC Event type fe. Felt [III] at Utado. Felt at Adjuntas, Carolina, Guaynabo, Naranjito and San Juan. After RSPR.
 RSPR Event type ke.

(216) Mariana Islands
 IDC V 24 22 35 22.9-88 13.56N 144.89E 57-11 3.6,3.6 19131989
 NEIC V 24 22 35 14.5-1.4 13.68N 145.82E 20 3.6,3.6
 IDC Error ellipse: s-maj=28.4km s-min=5.8km az=147.0.
 NEIC Event type fe. Error ellipse: s-maj=26.9km s-min=17.1km az=216.0. Felt at Agana Heights, Mangilao and Yigo.
 (383) Northwestern Balkan Peninsula
 ISC V 25 10 45 39.4-23 42.40N-01 19.19E-02 16-1 3.6b 268 0-73
 PRU V 25 10 45 36.5 42.35N 19.01E 0 3.9 18440531
 LDG V 25 10 45 37.4-07 42.38N 19.19E 10-0 3.8L
 ISCJB V 25 10 45 37.4-15 42.45N-01 19.15E-02 10 3.6b
 TIR V 25 10 45 38.5 42.37N 19.22E 5 3.3L
 MOS V 25 10 45 38.8-1.3 42.39N 19.10E 35 4.2b
 CSEM V 25 10 45 38.3-07 42.42N 19.25E 17-0 3.7L
 PDG V 25 10 45 38.5-81 42.37N 19.19E 17-1 3.7L
 NEIC V 25 10 45 38.5 42.37N 19.19E 17 3.9b,3.6L
 IDC V 25 10 45 42.4-1.6 42.46N 19.20E 51-16 3.7L,3.6
 ISC Event type fe.
 LDG Event type ke. Error ellipse: s-maj=2.6km s-min=1.7km az=7.0.
 ISCJB Event type fe. Error ellipse: s-maj=2.0km s-min=1.6km az=90.6.
 MOS Error ellipse: s-maj=5.7km s-min=4.1km az=101.3.
 CSEM Event type ke. Error ellipse: s-maj=1.1km s-min=1.0km az=12.0.
 PDG Event type fe. Error ellipse: s-maj=1.0km s-min=0.7km az=-1.0. Felt at Podgorica V-VI EMS98.

NEIC Event type fe. Felt [VI] at Podgorica. After PDG.
 IDC Error ellipse: s-maj=17.3km s-min=14.3km az=70.0.
 (162) South Island
 ISC V 25 12 45 26.1-1.3 44.34S-03 167.32E-06 19-8 3.5b 70 1-152
 IDC V 25 12 45 22.4-1.4 44.46S 167.53E 0 3.7,3.6 18440537
 NEIC V 25 12 45 24.9 44.29S 167.17E 12 4.4L,3.6
 ISCJB V 25 12 45 26.3-1.1 44.27S-04 167.3E-10 38-15 3.5b,3.6
 WEL V 25 12 45 26.1-47 44.36S 167.26E 12 4.4L,3.6
 ISC Event type fe.
 IDC Error ellipse: s-maj=96.8km s-min=42.0km az=37.0.
 NEIC Event type se. After WEL.
 ISCJB Event type fe. Error ellipse: s-maj=13.8km s-min=5.5km az=40.3.
 WEL Event type fe. Error ellipse: s-maj=3.9km s-min=3.1km az=90.0. Felt in the Otago region, maximum reported intensity MM 4.

(216) Mariana Islands
 ISC V 25 14 37 45.1-80 13.13N-07 144.8E-20 70-6 4.2b 44 0-148
 MOS V 25 14 37 40.6-1.3 13.05N 144.33E 33 4.6b 18358488
 ISCJB V 25 14 37 43.8-81 13.08N-07 144.8E-20 73-6 4.2b
 IDC V 25 14 37 44.6-80 13.10N 144.71E 64-7 4.4b
 NEIC V 25 14 37 44.5-90 13.18N 144.66E 60-6 4.3,4.2
 ISC Event type fe.
 MOS Error ellipse: s-maj=20.7km s-min=10.4km az=94.0.
 ISCJB Event type fe. Error ellipse: s-maj=27.4km s-min=10.6km az=13.4.
 NEIC Event type fe. Error ellipse: s-maj=15.8km s-min=6.9km az=99.0. Felt at Mangilao, Tumon and Yigo.
 IDC Error ellipse: s-maj=33.9km s-min=13.7km az=104.0.

(460) Wyoming
 ISC V 25 18 32 55.3-44 43.78N-04 105.20W-06 0 3.9b 50 1-90
 ISCJB V 25 18 32 53.1-49 43.78N-04 105.12W-06 0 3.9b 19132038
 IDC V 25 18 32 50.0-2.3 43.78N 105.24W 0 3.9,3.8b
 NEIC V 25 18 32 55.3-33 43.74N 105.23W 0 3.4L,3.8b
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=6.9km s-min=5.0km az=69.8.
 IDC Error ellipse: s-maj=55.8km s-min=8.6km az=154.0.
 NEIC Event type fm. Error ellipse: s-maj=5.4km s-min=3.8km az=138.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.

(121) Off coast of northern Chile
 ISC V 25 20 48 05.6-16 18.15S-03 71.15W-04 35 5.4b,5.1s 427 2-179
 ISCJB V 25 20 48 03.8-17 18.12S-03 71.25W-04 34 5.4b,5.1s 18358491
 MOS V 25 20 48 04.3-96 17.97S 71.25W 33 5.7b,5.0s
 BJI V 25 20 48 04.2 17.60S 71.14W 23 5.6s,5.4s
 NEIC V 25 20 48 05.4-14 18.14S 71.16W 35 5.6W,5.5b
 IDC V 25 20 48 05.5-51 18.14S 71.17W 36-3 5.3L,5.2
 HRVD V 25 20 48 05.4-10 18.41S 71.91W 44-0 5.5W,5.2
 LDG V 25 20 48 08.8-28 17.43S 70.92W 50-0 5.4b,5.2s
 GUC V 25 20 48 10.4-5.8 19.26S 71.92W 0-999 5.6W,5.2s
 SZGRF V 25 20 48 21.7 15.06S 68.89W 33 5.4b,5.2s
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=6.1km s-min=3.9km az=103.0.
 MOS Error ellipse: s-maj=8.8km s-min=5.3km az=80.3.
 NEIC Event type fe. Error ellipse: s-maj=4.8km s-min=3.1km az=225.0. Felt [III] at Ilo and Moquegua; [II] at Arequipa, Tacna and Ubinas, Peru. Also felt [II] at Arica, Chile. Moment Tensor Solution. s35 Moment tensor: Scale 10¹⁷Nm; M_{rr}1.86 M_{θθ}0.11 M_{φφ}-1.97 M_{rr}-0.17 M_{θθ}0.87 M_{φφ}-2.41 Best double couple: NP1:φ179.00000°,δ71.00000°,λ105.00000°. NP2:φ319.00000°,δ25.00000°,λ53.00000°. Principal axes: T 3.1200,Plg61.0000°,Azm112.0000°. P -N-0.1600,Plg15.0000°,Azm354.0000°; P -3.2800,Plg24.0000°,Azm257.0000°. M₀3.20000×10¹⁷
 IDC Error ellipse: s-maj=17.4km s-min=11.5km az=79.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s87,c165; Mantle waves: s90,c174; Half duration: 154 Moment tensor: Scale 10¹⁷Nm; M_{rr}1.58±0.03 M_{θθ}0.10±0.03; M_{φφ}-1.68±0.04; M_{rr}0.31±0.03; M_{θθ}1.21±0.02; M_{φφ}1.33±0.04; Best double couple: NP1:φ317.00000°,δ30.00000°,λ65.00000°. NP2:φ165.00000°,δ63.00000°,λ103.00000°. Principal axes: T 2.0620,Plg69.0000°,Azm101.0000°. P -N-0.6430,Plg12.0000°,Azm339.0000°; P -2.7060,Plg17.0000°,Azm245.0000°. M₀2.38400×10¹⁷

LDG Event type ke. Error ellipse: s-maj=21.8km s-min=4.2km az=3.0.
 GUC Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.
 SZGRF Central Bolivia.
 (76) Off coast of central America
 ISC V 26 00 44 13.1-20 13.13N-03 88.67W-03 58 4.8b,4.2s 216 1-162
 MOS V 26 00 44 07.8-1.1 13.06N 88.57W 33 4.9b,4.2s 18440573
 BJI V 26 00 44 09.4 12.84N 87.81W 58 5.2b,5.1s
 CASC V 26 00 44 11.7-2.3 12.92N 88.88W 43-41 5.0L,4.8b
 HRVD V 26 00 44 11.6-30 12.73N 89.00W 57-1 5.0W,4.8b
 IDC V 26 00 44 11.3-56 13.13N 88.50W 54-4 4.6,4.5
 NEIC V 26 00 44 11.6-26 12.97N 88.68W 56 5.2,4.8b
 ISCJB V 26 00 44 11.0-20 13.11N-03 88.71W-03 56 4.8b,4.2s
 ISC Event type fe.
 HRVD nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s62,c97; Mantle waves: s64,c95; Half duration: 0 Moment tensor: Scale 10¹⁶Nm; M_{rr}3.76±13 M_{θθ}-3.35±10; M_{φφ}-0.41±14; M_{rr}0.50±08; M_{θθ}2.26±10; M_{φφ}-0.78±10; Best double couple: NP1:φ290.00000°,δ40.00000°,λ77.00000°.

NP2:φ_{126.00000°},δ_{51.00000°},λ_{100.00000°}; Principal axes: T 3.9020,Plg80.0000°
 Azm85.0000°; N 0.7500,Plg8.0000°; Azm300.0000°; P -4.6560,Plg6.0000°; Azm209.0000°
 M_{4.27900}×10¹⁶

NEIC Event type fe. Felt [III] at San Salvador.
 ISCJB Event type fe.
 (115) Near coast of Peru
 ISC V 26 01 57 29.9-1.2 12.05-10 77.7W-20 35 3.9b,3.1s 19 1-144
 ISCJB V 26 01 57 27.3-1.1 12.05-10 77.8W-10 33 3.9b,3.1s 18440574
 NEIC V 26 01 57 27.9-1.1 11.99S 77.89W 35 4.5L,4.3b
 IDC V 26 01 57 35.6-3.9 12.09S 77.43W 88-26 4.0,3.7
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=24.6km s-min=10.5km az=93.9.
 NEIC Event type fe. Error ellipse: s-maj=23.9km s-min=10.3km az=50.0. Felt [III] at Lima.
 IDC Error ellipse: s-maj=56.8km s-min=15.4km az=54.0.
 (228) Near east coast of eastern Honshu
 ISC V 26 18 03 02.4-1.0 35.49N-04 141.13E-09 33-6 4.0b,3.4s 46 0-148
 IDC V 26 18 02 58.4-88 35.45N 141.11E 0 4.1,4.0 110698636
 ISCJB V 26 18 02 59.7-1.2 35.50N-04 141.35E-08 32-7 4.0b,3.4s
 NIED V 26 18 03 00 35.50N 141.10E 41 4.2W,3.4s
 MOS V 26 18 03 00.2-1.2 35.51N 141.27E 33 4.5b,3.4s
 JMA V 26 18 03 03.0-1.0 35.51N 141.00E 41-1 4.1,3.4s
 NEIC V 26 18 03 04.3-2.0 35.42N 140.99E 45-16 4.5b,4.2W
 ISC Event type fe.
 IDC Error ellipse: s-maj=25.1km s-min=16.8km az=100.0.
 ISCJB Event type fe. Error ellipse: s-maj=11.2km s-min=6.1km az=24.3.
 NEIC Moment Tensor Solution. Best double couple: NP1:φ_{227.00000°},δ_{85.00000°},λ_{-105.00000°}. NP2:φ_{118.00000°},δ_{16.00000°},λ_{-19.00000°}; M_{2.66000}×10¹⁵
 MOS Error ellipse: s-maj=17.6km s-min=10.1km az=118.9.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ_{116.00000°},δ_{10.00000°},λ_{22.00000°}. NP2:φ_{4.00000°},δ_{86.00000°},λ_{99.00000°}; Principal axes: T Plg48.0000°; Azm284.0000°; N Plg9.0000°; Azm184.0000°; P Plg41.0000°; Azm86.0000°
 NEIC Event type se. Error ellipse: s-maj=20.1km s-min=18.4km az=74.0. Moment Tensor Solution. M_{2.70000}×10¹⁵
 (277) Jawa
 ISC V 26 22 54 00.8-1.4 8.08S-02 110.27E-02 20 6.2s,5.8b 586 1-179
 IDC V 26 22 53 56.7-32 7.92S 110.45E 0 6.1,6.1s 18358516
 ISCJB V 26 22 53 58.6-15 8.10S-02 110.30E-02 19 6.2s,5.8b
 HRVD V 26 22 53 58.9-10 8.03S 110.54E 22-0 6.4W,5.8b
 BJI V 26 22 53 58.2 8.00S 110.40E 12 6.7s,6.3W
 NEIC V 26 22 53 58.9-17 7.96S 110.45E 12 6.8,6.3W
 MOS V 26 22 54 02.1-2.1 7.91S 110.50E 33 6.1s,6.0b
 ISC Event type de.
 IDC Error ellipse: s-maj=14.2km s-min=9.9km az=38.0.
 ISCJB Event type de. Error ellipse: s-maj=3.5km s-min=3.1km az=32.5.
 HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s113,c247; Mantle waves: s111,c427; Half duration: 3s7 Moment tensor: Scale 10¹⁸Nm; M_r-1.22±0.2 M_θ-3.36±0.2; M_φ-4.57±0.3; M_r0.60±0.4; M_θ1.13±0.2; M_φ0.62±0.4; Best double couple: NP1:φ_{323.00000°},δ_{77.00000°},λ_{-176.00000°}. NP2:φ_{232.00000°},δ_{86.00000°},λ_{-13.00000°}; Principal axes: T 4.8100,Plg7.0000°; Azm278.0000°; N -1.1920,Plg76.0000°; Azm36.0000°; P -3.6280,Plg12.0000°; Azm187.0000° M_{4.21900}×10¹⁸
 NEIC Event type de. Error ellipse: s-maj=6.8km s-min=4.6km az=218.0. At least 5,749 people were killed, 38,568 were injured and as many as 600,000 people were displaced in the Bantul-Yogyakarta area. More than 127,000 houses were destroyed and an additional 451,000 were damaged in the area, with the total loss estimated at approximately 3.1 billion U.S. dollars. Felt [IX] at Bantul and Klaten, [VIII] at Sleman and Yogyakarta, [IV] at Surakarta, [IV] at Salatiga and Blitar and [II] at Surabaya. Felt in much of Java. Also felt at Denpasar, Bali. Energy computed from BB mechanism. Moment Tensor Solution. M_{6.80000}×10¹⁸ Moment Tensor Solution. s29 Moment tensor: Scale 10¹⁸Nm; M_r0.69 M_θ-3.91 M_φ3.22 M_r-0.44 M_θ2.08 M_φ-0.51 Best double couple: NP1:φ_{241.00000°},δ_{85.00000°},λ_{10.00000°}. NP2:φ_{155.00000°},δ_{80.00000°},λ_{175.00000°}; Principal axes: T 3.9800,Plg11.0000°; Azm105.0000°; N 0.5900,Plg79.0000°; Azm268.0000°; P -4.4900,Plg3.0000°; Azm15.0000° M_{4.20000}×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ_{170.00000°},δ_{89.00000°},λ_{-160.00000°}. NP2:φ_{80.00000°},δ_{70.00000°},λ_{0.00000°}; Principal axes: T Plg14.0000°; Azm303.0000°; N Plg0.0000°; Azm0.0000°; P Plg14.0000°; Azm37.0000°
 MOS Error ellipse: s-maj=8.0km s-min=4.5km az=114.9.
 (277) Jawa
 ISC V 27 01 07 45.7-59 8.0S-10 110.5E-10 35 4.2b 23 16-147
 IDC V 27 01 07 39.2-95 7.89S 110.39E 0 4.1L,4.1
 ISCJB V 27 01 07 43.7-59 7.8S-10 110.6E-10 33 4.2b,4.1
 NEIC V 27 01 07 44.8-77 8.12S 110.35E 35 4.4b,4.1
 ISC Event type fe.
 IDC Error ellipse: s-maj=40.0km s-min=17.3km az=56.0.
 ISCJB Event type fe. Error ellipse: s-maj=25.7km s-min=8.8km az=93.5.
 NEIC Event type fe. Error ellipse: s-maj=34.1km s-min=11.2km az=47.0. Felt [III] at Yogyakarta.
 (277) Jawa
 ISC V 27 03 10 02.6-1.0 7.92S-04 110.45E-04 4-6 4.7b,4.2s 139 1-168
 ISCJB V 27 03 10 00.6-1.1 7.92S-04 110.53E-04 3-7 4.7b,4.2s 18440613
 IDC V 27 03 10 01.1-44 7.78S 110.44E 0 4.9L,4.7b
 NEIC V 27 03 10 02.6-20 7.84S 110.44E 10 4.8b,4.7b
 BJI V 27 03 10 04.9 7.80S 110.40E 10 5.0b,4.8s
 MOS V 27 03 10 05.3-1.5 7.86S 110.52E 33 4.9b,4.4s
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=8.2km s-min=5.5km az=112.0.
 IDC Error ellipse: s-maj=18.5km s-min=12.5km az=52.0.
 NEIC Event type fe. Error ellipse: s-maj=8.9km s-min=5.6km az=59.0. Felt [III] at Klaten and Yogyakarta.
 MOS Error ellipse: s-maj=12.6km s-min=7.9km az=113.8.
 (277) Jawa
 ISC V 27 04 21 51.4-35 7.88S-06 110.48E-05 10 4.5b,4.2s 85 1-150
 IDC V 27 04 21 49.0-57 7.81S 110.47E 0 4.4,4.4b 18440616
 ISCJB V 27 04 21 49.6-35 7.89S-06 110.51E-06 10 4.5b,4.2s
 BJI V 27 04 21 50.6 7.80S 110.50E 10 5.1b,4.6s
 NEIC V 27 04 21 50.6-30 7.78S 110.51E 10 4.6b,4.6s
 MOS V 27 04 21 53.7-1.9 7.75S 110.61E 33 4.7b,4.6s
 ISC Event type fe.
 IDC Error ellipse: s-maj=25.2km s-min=14.1km az=59.0.
 ISCJB Event type fe. Error ellipse: s-maj=10.1km s-min=5.4km az=88.4.
 NEIC Event type fe. Error ellipse: s-maj=14.4km s-min=7.3km az=49.0. Felt [III] at Klaten and Yogyakarta.
 MOS Error ellipse: s-maj=16.1km s-min=10.7km az=114.1.
 (73) El Salvador
 ISC V 27 08 54 18.3-64 13.4N-10 89.85W-09 62-7 3.9b 43 1-88
 ISCJB V 27 08 54 17.0-65 13.4N-10 89.84W-09 65-6 3.8b 19132162
 CASC V 27 08 54 17.1-2.2 13.31N 89.94W 56-26 4.4L,4.3
 NEIC V 27 08 54 21.6-2.4 13.42N 89.59W 90-25 3.9,3.7b
 IDC V 27 08 54 21.9-10 13.54N 89.29W 88-97 3.9,3.8
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=21.9km s-min=4.0km az=78.9.
 CASC Error ellipse: s-maj=14.6km s-min=9.6km az=-1.0.
 NEIC Event type fe. Error ellipse: s-maj=38.2km s-min=13.5km az=54.0. Felt [II] at Juayua.
 IDC Error ellipse: s-maj=44.4km s-min=21.6km az=57.0.
 (45) California-Baja California border region
 ISC V 27 10 21 36.4-64 32.41N-03 115.27W-03 12-4 3.6b,3.4s 72 0-101
 IDC V 27 10 21 32.8-3.0 31.98N 115.15W 0 3.7,3.6 18440627
 BJI V 27 10 21 32.9 32.40N 115.20W 6 5.0b,4.6b
 ISCJB V 27 10 21 34.5-1.0 32.42N-03 115.19W-03 5-7 3.6b,3.4s
 NEIC V 27 10 21 36.9 32.40N 115.22W 6 4.4L,4.2L
 ECX V 27 10 21 36.9-36 32.40N 115.22W 6-0 4.4L,4.2
 ISC Event type fe.
 IDC Error ellipse: s-maj=36.7km s-min=25.1km az=170.0.
 ISCJB Event type fe. Error ellipse: s-maj=6.1km s-min=3.3km az=105.4.
 NEIC Event type fe. Felt at Mexicali. Felt [II] at Calexico and El Centro, California. Felt at El Cajon, Escondido, Fallbrook, Holtville, Imperial, Jamul, Landers, North Hills, San Diego and San Miguel, California. After ECX.
 ECX Error ellipse: s-maj=1.0km s-min=1.7km az=-1.0.
 (1) Central Alaska
 ISC V 27 18 04 52.7-63 63.58N-03 151.21W-06 10-3 4.4b,3.5s 145 0-153

MOS V 27 18 04 50.9-72 63.57N 151.22W 10 4.7b,3.5s 110698650
 BJI V 27 18 04 51.0 63.50N 151.10W 14 4.8b,4.7b
 ISCJB V 27 18 04 52.3-56 63.58N-03 151.22W-06 17-4 4.4b,3.5s
 NEIC V 27 18 04 53.0 63.50N 151.08W 14 4.6b,4.5L
 IDC V 27 18 04 55.6-2.1 63.60N 151.11W 25-14 4.2,4.2
 ISC Event type fe.
 MOS Error ellipse: s-maj=13.2km s-min=5.8km az=92.6.
 ISCJB Event type fe. Error ellipse: s-maj=5.0km s-min=4.1km az=87.2.
 NEIC Event type fe. Felt at Fairbanks and Nenana. After AEIC.
 IDC Error ellipse: s-maj=12.5km s-min=10.3km az=80.0.
 (192) New Britain region
 ISC V 28 03 12 10.7-13 5.71S-02 151.20E-02 44 6.5s,5.8b 415 5-160
 ORF V 28 03 11 49.1 14.43S 158.30E 30 6.1b,5.8b 18358550
 IDC V 28 03 12 05.3-1.6 5.59S 151.24E 12-9 6.3,6.3s
 BJI V 28 03 12 06.7 5.70S 151.10E 34 6.5s,6.4s
 ISCJB V 28 03 12 08.6-13 5.71S-03 151.17E-02 42 6.5s,6.8b
 NEIC V 28 03 12 08.8-08 5.72S 151.13E 34 6.6s,6.4W
 HRVD V 28 03 12 08.8-00 5.99S 151.36E 38-0 6.5W,6.4W
 MOS V 28 03 12 08.2-96 5.48S 151.05E 34 6.5s,6.0b
 CRAAG V 28 03 12 09.1 5.66S 151.07E 6.4W,6.0b
 SZGRF V 28 03 12 10.8 4.59S 150.65E 33 6.7b,6.0b
 ISC Event type fe.
 IDC Error ellipse: s-maj=16.8km s-min=12.3km az=68.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.8km s-min=3.2km az=54.6.
 NEIC Event type fe. Error ellipse: s-maj=4.2km s-min=3.6km az=143.0. Felt at Kimbe. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M_{6.50000}×10¹⁸ Moment Tensor Solution. s51 Moment tensor: Scale 10¹⁸Nm; M_r-4.06 M_θ-4.34 M_φ0.28 M_r0.74 M_θ0.06 M_φ-0.69 Best double couple: NP1:φ_{99.00000°},δ_{57.00000°},λ_{100.00000°}. NP2:φ_{262.00000°},δ_{34.00000°},λ_{75.00000°}; Principal axes: T 4.5100,Plg76.0000°; Azm40.0000°; N 0.1800,Plg8.0000°; Azm274.0000°; P -4.6900,Plg11.0000°; Azm182.0000°; M_{4.60000}×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ_{257.00000°},δ_{27.00000°},λ_{170.00000°}. NP2:φ_{100.00000°},δ_{65.00000°},λ_{100.00000°}; Principal axes: T Plg68.0000°; Azm30.0000°; N Plg0.0000°; Azm0.0000°; P Plg19.0000°; Azm183.0000°
 HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s116,c298; Mantle waves: s119,c512; Half duration: 4s1 Moment tensor: Scale 10¹⁸Nm; M_r-5.04±0.3 M_θ-5.44±0.2; M_φ-0.41±0.2; M_r2.57±0.3; M_θ-1.84±0.2; M_φ-0.18±0.3; Best double couple: NP1:φ_{243.00000°},δ_{34.00000°},λ_{72.00000°}. NP2:φ_{84.00000°},δ_{58.00000°},λ_{102.00000°}; Principal axes: T 5.7050,Plg74.0000°; Azm26.0000°; N 0.7890,Plg10.0000°; Azm257.0000°; P -6.4840,Plg12.0000°; Azm165.0000° M_{6.09400}×10¹⁸
 MOS Error ellipse: s-maj=7.8km s-min=5.7km az=84.7.
 SZGRF New Britain, Papua New Guinea, region.
 (173) Tonga Islands
 ISC V 28 03 36 18.5-12 20.08S-03 174.46W-04 49 5.8s,5.7b 360 7-172
 ISCJB V 28 03 36 16.7-12 20.06S-03 174.52W-04 47 5.8s,5.7b 18358551
 CRAAG V 28 03 36 16.8 19.76S 174.52W 5 5.4b,5.7b
 MOS V 28 03 36 16.4-97 19.73S 174.53W 33 6.0b,5.7b
 SZGRF V 28 03 36 17.0 20.99S 173.27W 54 6.0b,5.7b
 BJI V 28 03 36 17.4 19.25S 174.64W 24 6.1s,6.1b
 HRVD V 28 03 36 18.6-30 19.95S 173.99W 44-1 5.7W,6.1b
 NEIC V 28 03 36 18.6-10 19.91S 174.54W 49 5.8b,6.1b
 IDC V 28 03 36 19.1-56 19.88S 174.63W 54-5 5.3,5.2
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=5.7km s-min=3.1km az=69.7.
 MOS Error ellipse: s-maj=10.0km s-min=7.0km az=68.3.
 SZGRF Tonga Islands.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s29c,c34; Mantle waves: s76,c120; Half duration: 1s6 Moment tensor: Scale 10¹⁷Nm; M_r-3.24±2.2 M_θ-1.08±1.3; M_φ-2.16±1.4; M_r1.83±1.0; M_θ1.49±0.7; M_φ-0.94±1.0; Best double couple: NP1:φ_{337.00000°},δ_{31.00000°},λ_{113.00000°}. NP2:φ_{131.00000°},δ_{61.00000°},λ_{77.00000°}; Principal axes: T 3.9360,Plg71.0000°; Azm12.0000°; N -0.2340,Plg12.0000°; Azm138.0000°; P -3.7020,Plg15.0000°; Azm231.0000° M_{3.81900}×10¹⁷
 NEIC Event type fe. Error ellipse: s-maj=5.7km s-min=3.3km az=148.0. Felt at Nuku'alofa.
 IDC Error ellipse: s-maj=14.2km s-min=11.7km az=139.0.
 (45) California-Baja California border region
 ISC V 28 07 40 20.3-52 32.38N-02 115.22W-03 3-4 4.0b,3.8s 76 0-98
 BJI V 28 07 40 15.7 32.40N 115.20W 6 5.0b,4.7s 18440684
 IDC V 28 07 40 16.3-3.7 31.79N 115.07W 0 3.9,3.6
 ISCJB V 28 07 40 19.1-73 32.40N-03 115.14W-02 8-5 4.0b,3.8s
 NEIC V 28 07 40 21.7 32.44N 115.22W 6 4.2L,4.1L
 ECX V 28 07 40 21.7-49 32.44N 115.22W 6-0 4.4L,4.3
 ISC Event type fe.
 IDC Error ellipse: s-maj=48.6km s-min=29.5km az=30.0.
 ISCJB Event type fe. Error ellipse: s-maj=5.4km s-min=3.0km az=135.8.
 NEIC Event type fe. Felt at Mexicali. Felt [III] at Calexico and [II] at El Centro and Imperial, California. Also felt [II] at Yuma, Arizona. After ECX.
 ECX Error ellipse: s-maj=1.3km s-min=1.8km az=-1.0.
 (248) Philippine Islands region
 ISC V 28 09 00 13.6-12 19.34N-02 121.15E-02 25 5.2s,5.2b 524 1-173
 BJI V 28 09 00 09.7 19.41N 121.05E 4 5.5b,5.3s 110698669
 MAN V 28 09 00 10.6 19.57N 121.10E 35 5.7L,5.3b
 ISCJB V 28 09 00 11.6-12 19.32N-02 121.14E-03 23 5.2s,5.2b
 HRVD V 28 09 00 12.4-10 19.32N 120.94E 35-0 5.7W,5.2b
 IDC V 28 09 00 12.5-3.1 19.16N 121.16E 24-20 5.1,5.1s
 NEIC V 28 09 00 12.4-11 19.16N 121.18E 23 5.5W,5.3s
 MOS V 28 09 00 13.0-96 19.30N 121.18E 35 5.4b,5.3s
 SZGRF V 28 09 00 14.1 19.19N 121.30E 33 5.3s,5.0b
 ISC Event type fe.
 MAN Event type fe. F SANCHEZ MIRA CAGAYAN - INTENSITY IV CALLAO TUGUEGARAO - INTENSITY III LAOAG CITY - INTENSITY III
 ISCJB Event type fe. Error ellipse: s-maj=3.6km s-min=2.3km az=151.8.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s100,c181; Mantle waves: s99,c230; Half duration: 1s6 Moment tensor: Scale 10¹⁷Nm; M_r-3.04±0.5 M_θ-0.42±0.3; M_φ-2.62±0.4; M_r-0.76±0.4; M_θ-1.64±0.3; M_φ-1.85±0.5; Best double couple: NP1:φ_{32.00000°},δ_{29.00000°},λ_{97.00000°}. NP2:φ_{205.00000°},δ_{61.00000°},λ_{86.00000°}; Principal axes: T 3.6100,Plg74.0000°; Azm105.0000°; N 0.4430,Plg3.0000°; Azm206.0000°; P -4.0530,Plg16.0000°; Azm297.0000° M_{3.83200}×10¹⁷
 IDC Error ellipse: s-maj=14.7km s-min=10.8km az=65.0.
 NEIC Event type fe. Error ellipse: s-maj=3.5km s-min=3.1km az=76.0. Felt [IV PIVS] at Sanchez Mira, [III PIVS] at Callao and [II PIVS] at Laoag, Luzon. Felt at Tuguegarao City, Luzon. Moment Tensor Solution. s33 Moment tensor: Scale 10¹⁷Nm; M_r-1.75 M_θ-0.25 M_φ-1.49 M_r-0.31 M_θ-0.83 M_φ-0.79 Best double couple: NP1:φ_{204.00000°},δ_{57.00000°},λ_{87.00000°}. NP2:φ_{29.00000°},δ_{33.00000°},λ_{94.00000°}; Principal axes: T 1.9400,Plg77.0000°; Azm105.0000°; N 0.1600,Plg2.0000°; Azm206.0000°; P -2.1000,Plg12.0000°; Azm296.0000° M_{2.00000}×10¹⁷
 MOS Error ellipse: s-maj=7.6km s-min=3.9km az=117.3.
 SZGRF Philippine Islands region.
 (448) Gaspe Peninsula
 ISC V 28 11 20 45.3-34 49.50N-02 66.28W-03 10 3.9b 133 1-150
 ISCJB V 28 11 20 43.8-35 49.47N-02 66.26W-03 10 3.9b 18440691
 IDC V 28 11 20 46.5-3.3 49.63N 66.53W 13-18 3.8b,3.7
 NEIC V 28 11 20 47.8 49.56N 66.28W 18 3.6,3.7
 OTT V 28 11 20 47.8-06 49.56N 66.28W 18 3.6,3.7
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=3.5km s-min=2.8km az=16.2.
 IDC Error ellipse: s-maj=25.1km s-min=9.1km az=121.0.
 NEIC Event type fe. Felt at Port-Cartier and Sept-Iles. After OTT.
 OTT Event type fe. 50km northeast from Sainte-Anne-des-Monts, Qc. Felt Lower St. Lawrence Seismic Zone, Quebec.
 (235) Kyushu
 ISC V 28 11 36 32.7-28 33.30N-03 131.80E-03 84-2 4.2b 65 0-86
 NIED V 28 11 36 00 33.30N 131.80E 77 4.3W 18649704
 MOS V 28 11 36 25.8-1.4 33.08N 131.46E 33 4.4b
 ISCJB V 28 11 36 31.5-28 33.29N-04 131.83E-03 91-2 4.2b
 IDC V 28 11 36 32.5-60 33.26N 131.71E 83-6 4.3,4.0

BJI	V	28 11 36 32.9	33.13N	132.07E	114	4.6b,4.2b		
NEIC	V	28 11 36 32.6-31	33.25N	131.70E	82	4.5b,4.2W		
JMA	V	28 11 36 33.0	33.34N	131.80E	80-1	4.3,4.2W		
ISC	Event type fe.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ:336.00000°,δ:62.00000°,λ:43.00000°; NP2:φ:222.00000°,δ:53.00000°,λ:144.00000°; M:2.85000×10 ¹⁵							
MOS	Error ellipse: s-maj=15.3km s-min=10.9km az=84.5.							
ISCJB	Event type fe. Error ellipse: s-maj=6.2km s-min=4.2km az=124.7.							
IDC	Error ellipse: s-maj=14.5km s-min=11.4km az=138.0.							
NEIC	Event type fe. Error ellipse: s-maj=7.4km s-min=6.2km az=104.0. Recorded [3 JMA] in Oita, [2 JMA] in Kumamoto and [1 JMA] in Fukuoka and Miyazaki Prefectures. Recorded [2 JMA] in Ehime and Kochi; [1 JMA] in Kagawa Prefecture, Shikoku. Also recorded [2 JMA] in Hiroshima and Yamaguchi; [1 JMA] in Okayama and Shimane Prefectures, Honshu. Moment Tensor Solution. M:2.90000×10 ¹⁵							
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ:240.00000°,δ:27.00000°,λ:130.00000°; NP2:φ:104.00000°,δ:70.00000°,λ:72.00000°; Principal axes: T P1g23.0000°,Az180.0000°; N P1g17.0000°,Az277.0000°; P P1g61.0000°,Az41.0000°							
(45) California-Baja California border region								
ISC	V	28 11 55 24.3-26	32.30N	115.25W	02	6	4.1b,3.9s	107 1-112
BJI	V	28 11 55 20.8	32.40N	115.20W	6	5.1b,4.8b		18440694
ISCJB	V	28 11 55 22.7-26	32.35N	115.19W	02	6	4.1b,3.9s	
IDC	V	28 11 55 22.7-22	32.23N	114.69W	0	4.2,4.0		
NEIC	V	28 11 55 24.8	32.43N	115.23W	6	4.5L,4.4L		
ECX	V	28 11 55 24.8-57	32.43N	115.23W	6-0	4.5L,4.3		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=4.1km s-min=2.3km az=129.2.							
IDC	Error ellipse: s-maj=36.9km s-min=27.3km az=35.0.							
NEIC	Event type fe. Felt [III] at El Centro and Imperial; [II] at Calexico, California. Felt [III] at Yuma, Arizona. Also felt at Carlsbad, Palm Springs, Redondo Beach, Riverside, San Diego and Visalia, California. After ECX							
ECX	Error ellipse: s-maj=1.6km s-min=2.2km az=-1.0.							
(259) Mindanao								
MAN	V	28 13 14 49.1	8.58N	124.78E	13	4.7L,3.8s		19508836
MAN	Event type fe. F CAGAYAN DE ORO CITY - INTENSITY II.							
(49) Gulf of California								
ISC	V	28 14 01 02.0-78	26.87N	111.16W	05	36-6	4.6b,4.5s	151 3-122
ISCJB	V	28 14 00 56.7-45	26.86N	111.17W	04	10	4.6b,4.5s	18358574
IDC	V	28 14 00 56.0-90	26.85N	111.41W	0	4.4,4.3s		
MOS	V	28 14 00 56.7-1.3	26.88N	111.12W	10	4.9b,4.3s		
NEIC	V	28 14 00 57.6-41	26.75N	111.21W	10	4.6b,4.3s		
BJI	V	28 14 00 57.5	26.80N	111.20W	10	5.6b,5.0b		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=7.1km s-min=4.4km az=80.9.							
IDC	Error ellipse: s-maj=30.3km s-min=12.0km az=67.0.							
MOS	Error ellipse: s-maj=8.9km s-min=4.7km az=90.9.							
NEIC	Event type fe. Error ellipse: s-maj=6.6km s-min=4.3km az=43.0. Felt at Mulege, Baja California Sur.							
(49) Gulf of California								
ISC	V	28 14 18 04.5-47	26.84N	111.24W	04	10	4.7b,4.6s	172 3-119
BJI	V	28 14 17 58.7	26.70N	111.20W	10	5.5b,5.0s		18358576
IDC	V	28 14 18 01.2-1.3	26.77N	111.49W	0	4.6,4.6s		
NEIC	V	28 14 18 02.7-58	26.70N	111.23W	10	4.7b,4.6s		
HRVD	V	28 14 18 02.7-30	27.00N	111.32W	17-1	5.2W,4.6s		
ISCJB	V	28 14 18 03.9-42	26.98N	111.18W	04	10	4.7b,4.6s	
MOS	V	28 14 18 04.8-1.7	27.07N	111.16W	10	5.0b,4.6s		
SZGRF	V	28 14 18 15.6	27.66N	111.57W	33	4.6b,4.6s		
ISC	Event type fe.							
IDC	Error ellipse: s-maj=38.5km s-min=13.7km az=67.0.							
NEIC	Event type fe. Error ellipse: s-maj=8.1km s-min=5.3km az=200.0. Felt at Mulege, Baja California Sur.							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s15,c52; Mantle waves: s86,c154; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:0.86±.18 Mm:0.60±.16; Mm:0.74±.16; Mm:1.95±.37; Mm:1.32±.12; Mm:0.82±.40; Best double couple: NP1:φ:130.00000°,δ:75.00000°,λ:175.00000°; NP2:φ:39.00000°,δ:85.00000°,λ:15.00000°. Principal axes: T 5.9580,Plg7.0000°; Azm85.0000°; N 1.2940,Plg74.0000°; Azm202.0000°; P -7.2470,Plg14.0000°; Azm353.0000°; M:6.60300×10 ¹⁶							
ISCJB	Event type fe. Error ellipse: s-maj=6.6km s-min=4.6km az=87.8.							
MOS	Error ellipse: s-maj=9.2km s-min=4.8km az=89.6.							
SZGRF	Gulf of California, Mexico.							
(249) Luzon								
MAN	V	28 14 55 32.0	16.42N	120.77E	6	4.6L,3.4b		19508838
MAN	Event type fe. F BAGUIO CITY - INTENSITY I.							
(169) Samoa Islands region								
ISC	V	28 15 03 08.4-33	15.37S	169.31W	07	34	4.6b,4.3s	80 3-171
IDC	V	28 15 03 02.6-54	15.39S	169.18W	0	4.7,4.6		18440700
ISCJB	V	28 15 03 06.4-32	15.38S	169.31W	07	32	4.6b,4.3s	
SZGRF	V	28 15 03 07.6	15.70S	169.42W	24	4.6b,4.3s		
HRVD	V	28 15 03 08.7-50	15.59S	168.97W	39-1	4.9W,4.3s		
BJI	V	28 15 03 08.7	15.30S	169.30W	37	5.4b,5.0s		
NEIC	V	28 15 03 08.7-1.4	15.32S	169.32W	38-11	4.8b,4.7s		
MOS	V	28 15 03 09.5-1.8	14.77S	169.41W	33	4.9b,4.7s		
ISC	Event type fe.							
IDC	Error ellipse: s-maj=22.4km s-min=16.3km az=150.0.							
ISCJB	Event type fe. Error ellipse: s-maj=10.5km s-min=9.1km az=153.9.							
SZGRF	Samoa Islands region.							
HRVD	Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s15,c17; Mantle waves: s37,c41; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:2.50±.34 Mm:0.00±.21; Mm:2.50±.22; Mm:0.69±.17; Mm:1.39±.20; Mm:0.12±.18; Best double couple: NP1:φ:172.00000°,δ:43.00000°,λ:67.00000°; NP2:φ:321.00000°,δ:51.00000°,λ:110.00000°. Principal axes: T 3.1470,Plg4.0000°; Azm65.0000°; N -0.4540,Plg16.0000°; Azm334.0000°; P -2.6920,Plg74.0000°; Azm169.0000°; M:2.92000×10 ¹⁶							
NEIC	Event type fe. Error ellipse: s-maj=9.8km s-min=6.5km az=134.0. Felt at Apia.							
MOS	Error ellipse: s-maj=13.7km s-min=12.5km az=74.4.							
(160) Off east coast of North Island								
WEL	V	28 16 23 34.0-17	39.77S	177.03E	29-0	4.0L		
NEIC	V	28 16 23 33.5	39.77S	177.01E	20	3.9L		18440702
WEL	Event type fe. Error ellipse: s-maj=2.0km s-min=1.1km az=90.0. Felt in the Hawke's Bay region, maximum reported intensity MM 4.							
NEIC	Event type fe. Felt in the Hawke's Bay area. After WEL.							
(259) Mindanao								
MAN	V	28 18 34 57.9	9.75N	124.81E	22	5.0L,4.0b		19508840
MAN	Event type fe. F CAMIGUIN ISLAND - INTENSITY I.							
(224) Hokkaido region								
ISC	V	28 20 18 45.3-1.2	41.87N	144.36E	05	30-8	4.8b,4.2s	261 1-148
NIED	V	28 20 18 00	41.80N	144.40E	20	4.7W,4.2s		18440707
IDC	V	28 20 18 40.7-63	41.81N	144.38E	0	4.6,4.5		
ISCJB	V	28 20 18 43.2-1.2	41.78N	144.35E	05	28-8	4.8b,4.2s	
BJI	V	28 20 18 43.5	41.93N	144.31E	30	5.0b,4.8b		
JMA	V	28 20 18 44.4-20	41.81N	144.41E	36-3	4.6,4.8b		
MOS	V	28 20 18 44.7-92	41.87N	144.17E	33	5.1b,4.4s		
NEIC	V	28 20 18 45.6-30	41.89N	144.29E	30	5.0b,4.7W		
SZGRF	V	28 20 18 50.2	42.88N	144.60E	33	4.9b,4.7s		
ISC	Event type fe.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ:14.00000°,δ:75.00000°,λ:55.00000°; NP2:φ:265.00000°,δ:38.00000°,λ:156.00000°; M:1.30000×10 ¹⁶							
IDC	Error ellipse: s-maj=18.4km s-min=13.6km az=104.0.							
ISCJB	Event type fe. Error ellipse: s-maj=7.4km s-min=4.3km az=89.9.							
JMA	Event type fe. Error ellipse: s-maj=2.2km s-min=0.8km az=-1.0.							
MOS	Error ellipse: s-maj=7.9km s-min=4.7km az=112.0.							
NEIC	Event type fe. Error ellipse: s-maj=8.3km s-min=4.3km az=142.0. Recorded [1 JMA] in south-central Hokkaido. Moment Tensor Solution. M:1.30000×10 ¹⁶							
SZGRF	Hokkaido, Japan, region.							
(671) Eastern Siberia								

ISC	V	28 20 19 11.5-30	58.44N	03	148.36E	06	10	4.4b,3.7s	103 2-150
IDC	V	28 20 19 08.9-70	58.23N	148.15E	0	4.4,4.2		110698674	
NEERS	V	28 20 19 08.8	58.38N	148.30E	6	4.7,4.2			
ISCJB	V	28 20 19 09.8-30	58.37N	03	148.47E	07	10	4.4b,3.7s	
MOS	V	28 20 19 09.4-1.4	58.29N	148.52E	10	4.7b,3.7s			
BJI	V	28 20 19 12.9	58.30N	148.50E	17	4.6b,4.5b			
NEIC	V	28 20 19 12.5-4.5	58.29N	148.50E	18-28	4.7b,4.5b			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=21.1km s-min=17.7km az=12.0.								
NEERS	Event type fe. Felt [I-II] MSK at Magadan.								
ISCJB	Event type fe. Error ellipse: s-maj=6.0km s-min=3.3km az=76.5.								
MOS	Event type fe. Error ellipse: s-maj=12.5km s-min=7.0km az=94.8. Felt [II] at Magadan.								
Moment Tensor Solution.									
NEIC	Event type fe. Error ellipse: s-maj=11.7km s-min=6.7km az=146.0. Felt [II] at Magadan.								
(1) Central Alaska									
ISC	V	29 00 15 11.1-29	62.35N	03	147.61W	07	67-5	3.5b	54 1-146
ISCJB	V	29 00 15 10.0-29	62.36N	03	147.60W	07	73-5	3.5b	19132248
IDC	V	29 00 15 10.6-80	62.40N	148.22W	64-7	3.7,3.7			
NEIC	V	29 00 15 12.0	62.35N	147.48W	43	3.9L,3.8L			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=5.6km s-min=4.6km az=78.1.								
IDC	Error ellipse: s-maj=20.0km s-min=8.9km az=102.0.								
NEIC	Event type fe. Felt at Palmer. After AEIC.								
(390) Southern Italy									
ISC	V	29 02 20 06.9-08	41.851N	01	15.89E	01	26	4.8b,4.1s	1038 0-136
STR	V	29 02 19 57.0-9.2	41.68N	16.75E	10-1	4.7L,4.1s		19436148	
THE	V	29 02 20 01.3	41.56N	15.56E	7	4.7L,4.1s			
LDG	V	29 02 20 02.7-08	41.90N	16.02E	10-0	4.7L,3.6s			
IDC	V	29 02 20 02.1-47	41.79N	15.67E	0	4.4b,4.0			
MOS	V	29 02 20 03.4-1.3	41.88N	15.79E	16	5.1b,4.4			
CRAAG	V	29 02 20 04.3	41.87N	15.94E	4	4.8b,4.4			
CSEM	V	29 02 20 04.1	41.90N	15.95E	20	4.8b,4.4			
ISCJB	V	29 02 20 05.1-08	41.899N	01	15.90E	01	25	4.8b,4.1s	
SZGRF	V	29 02 20 05.7	41.92N	16.04E	10	3.6b,4.1s			
PDG	V	29 02 20 06.0-66	41.84N	15.88E	33-1	3.6b,4.1s			
NEIC	V	29 02 20 06.2	41.80N	15.90E	31	5.0b,4.9L			
HRVD	V	29 02 20 06.2-1.2	41.56N	15.70E	34-1	4.7W,4.9L			
ROM	V	29 02 20 06.2-09	41.80N	15.90E	31-0	4.8L,4.9L			
SFS	V	29 02 20 06.0	41.77N	15.86E	25	5.0L,4.9L			
PRU	V	29 02 20 07.5	42.09N	14.38E	0	5.0,4.9L			
BJI	V	29 02 20 07.7	41.80N	15.90E	31	5.1s,5.0b			
ISC	Event type fe.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0.								
LDG	Event type ke. Error ellipse: s-maj=2.7km s-min=1.8km az=38.0.								
IDC	Error ellipse: s-maj=12.2km s-min=9.5km az=117.0.								
MOS	Error ellipse: s-maj=3.5km s-min=2.2km az=114.6.								
ISCJB	Event type fe. Error ellipse: s-maj=1.3km s-min=1.1km az=49.6.								
SZGRF	Southern Italy.								
PDG	Error ellipse: s-maj=0.7km s-min=0.6km az=-1.0.								
NEIC	Event type fe. Felt [V] at Foggia and on the Gargano Peninsula; [IV] at Bari, Campobasso, Pescara, Potenza and Taranto; [III] at Brindisi and Naples. Felt in Abruzzo, Basilicata, Campania, Molise and Puglia. After ROM. Moment Tensor Solution. M:1.00000×10 ¹⁶								
HRVD	Error ellipse: s-maj=7.8km s-min=8.9km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s7,c7; Mantle waves: s26,c35; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:1.09±.18 Mm:0.93±.10; Mm:0.16±.11; Mm:0.36±.09; Mm:0.51±.06; Mm:0.45±.12; Best double couple: NP1:φ:255.00000°,δ:34.00000°,λ:110.00000°; NP2:φ:52.0								

WEL Event type fe. Error ellipse: s-maj=1.6km s-min=1.0km az=90.0. Felt from Otago to
 Flordland, maximum reported intensity MM 4.
 NEIC Event type fe. Felt at Te Anau. After WEL.
 (249) Luzon
 MAN V 29 18 39 39.3 16.56N 120.67E 11 4.1L,2.6b ¶19508862

MAN Event type fe. F BAGUIO CITY - INTENSITY II.
 (224) Hokkaido region
 ISC V 29 22 41 04.6-21 43.07N-03 142.16E-03 151-1 4.3b 143 0-147
 NIED V 29 22 41 03.5-21 43.10N 142.20E 165 4.3W ¶10698700
 ISCJB V 29 22 41 03.5-21 43.07N-03 142.15E-03 155-1 4.3b
 MOS V 29 22 41 03.5-82 43.11N 142.12E 157 4.5b
 BJI V 29 22 41 03.0 43.12N 142.21E 159 5.2b,4.5b
 NEIC V 29 22 41 04.3-52 43.13N 142.10E 144-5 4.5b,4.3W
 IDC V 29 22 41 04.8-81 43.11N 142.16E 149-4 4.3,4.0
 JMA V 29 22 41 05.0-10 43.08N 142.18E 148-1 4.2,4.0
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=52.00000°,δ76.00000°,λ162.00000°;
 NP2:φ=147.00000°,δ72.00000°,λ15.00000°; M3:3.14000×10¹⁵
 ISCJB Event type fe. Error ellipse: s-maj=4.6km s-min=3.6km az=86.6.
 MOS Error ellipse: s-maj=10.0km s-min=6.9km az=90.6.
 NEIC Event type fe. Error ellipse: s-maj=5.6km s-min=4.2km az=134.0. Recorded [1 JMA] in the
 Chitose and Obihiro areas. Also recorded [1 JMA] in Aomori Prefecture, Honshu. Moment
 Tensor Solution. M3:10000×10¹⁵
 IDC Error ellipse: s-maj=14.0km s-min=12.4km az=157.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution.
 Broadband fault plane solution: P waves. NP1:φ=147.00000°,δ68.00000°,λ19.00000°; NP2:
 φ=50.00000°,δ73.00000°,λ157.00000°. Principal axes: T P1g28.0000°,Azm8.0000°
 ; N P1g62.0000°,Azm195.0000°; P P1g3.0000°,Azm99.0000°

(201) Irian Jaya
 ISC V 30 03 28 53.4-16 3.75S-02 140.13E-03 32 5.6b,5.5s 323 5-159
 IDC V 30 03 28 48.2-36 3.81S 140.07E 0 5.6,5.6s ¶18443017
 NEIC V 30 03 28 50.0-13 3.75S 140.07E 12 6.1,5.9W
 BJI V 30 03 28 50.6 3.99S 140.32E 46 5.7s,7.5b
 ISCJB V 30 03 28 51.0-16 3.76S-02 140.10E-03 30 5.6b,5.5s
 MOS V 30 03 28 51.9-1.3 3.67S 140.15E 33 5.7b,5.4s
 HRVD V 30 03 28 52.7-10 3.77S 140.12E 16-0 5.9W,5.4s
 ISC Event type fe.
 IDC Error ellipse: s-maj=12.7km s-min=8.6km az=71.0.
 NEIC Event type fe. Error ellipse: s-maj=5.1km s-min=3.8km az=78.0. Felt [IV] at Wamena and [III]
 at Jayapura and Tana Merah. Felt at Merakue. Depth from synthetics of broadband
 displacement seismograms. Energy computed from BB mechanism. Moment Tensor
 Solution. M2:0.0000×10¹⁸ Moment Tensor Solution. s11 Moment tensor: Scale 10¹⁸Nm;
 M1r:0.7 M1e:0.27 M1s:1.02 M2r:0.22 M2e:0.18 M2s:0.46 Best double couple: NP1:φ=167.00000°
 ;δ61.00000°;λ-115.00000°; NP2:φ=31.00000°;δ37.00000°;λ-52.00000°; Principal axes:
 T 1.1400,Plg13.0000°; Azm275.0000°; N -0.1900,Plg22.0000°; Azm180.0000°
 ; P -0.9500,Plg64.0000°; Azm34.0000°; M1:0.0000×10¹⁸ Moment Tensor Solution.
 Broadband fault plane solution: P waves. NP1:φ=69.00000°;δ62.00000°;λ-23.00000°; NP2:
 φ=170.00000°;δ70.00000°;λ-150.00000°. Principal axes: T P1g5.0000°,Azm298.0000°
 ; N P1g0.0000°,Azm0.0000°; P P1g35.0000°,Azm32.0000°

ISCJB Event type fe. Error ellipse: s-maj=4.3km s-min=3.4km az=146.9.
 MOS Error ellipse: s-maj=9.3km s-min=5.1km az=107.5.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s106.c205; Mantle waves: s114.c366; Half duration: 2s3 Moment tensor:
 Scale 10¹⁷Nm; M1r:0.26±0.1 M1e:0.48±0.1; M1s:0.74±0.1; M2r:0.48±0.2; M2e:0.54±0.1;
 M2s:0.27±0.2; Best double couple: NP1:φ=60.00000°;δ63.00000°;λ-23.00000°; NP2:
 φ=161.00000°;δ70.00000°;λ-151.00000°. Principal axes: T 0.9510,Plg4.0000°; Azm289.0000°
 ; N 0.1080,Plg55.0000°; Azm193.0000°; P -1.0590,Plg34.0000°; Azm22.0000°
 M1:0.0500×10¹⁸

(251) Samar
 ISC V 30 03 37 49.7-38 12.20N-03 125.21E-04 66-3 4.8b 142 1-166
 MOS V 30 03 37 43.9-94 12.18N 125.23E 33 5.2b ¶18649800
 BJI V 30 03 37 45.4 12.44N 125.11E 22 4.9b,4.7b
 NEIC V 30 03 37 47.5-31 12.09N 125.14E 51 5.3b,4.7b
 MAN V 30 03 37 47.6 12.30N 125.24E 28 5.1L,4.2b
 ISCJB V 30 03 37 48.5-39 12.21N-03 125.19E-04 70-4 4.8b,4.2b
 IDC V 30 03 37 49.1-4.8 12.07N 125.07E 63-43 5.4s,5.4
 ISC Event type fe.
 MOS Error ellipse: s-maj=15.8km s-min=7.3km az=120.8.
 NEIC Event type fe. Error ellipse: s-maj=11.0km s-min=7.0km az=62.0. Felt [IV PIVS] at Calbayog
 and Catbalogan; [III PIVS] at Borongan. Also felt [III PIVS] at Tacloban, Leyte.

MAN Event type fe. F INTENSITY IV - CATBALOGAN & CALBAYOG CITY INTENSITY III -
 BORONGAN SAMAR & TACLOBAN CITY.
 ISCJB Event type fe. Error ellipse: s-maj=6.0km s-min=4.4km az=127.3.
 IDC Error ellipse: s-maj=21.4km s-min=12.6km az=67.0.

(274) Southern Sumatra
 ISC V 30 05 43 14.5-41 1.89S-06 100.16E-07 44 4.7b,4.0s 68 1-148
 BJI V 30 05 43 11.0 1.68S 100.78E 27 5.1b,4.9b ¶18649804
 ISCJB V 30 05 43 12.0-41 1.93S-06 100.12E-07 42 4.7b,4.0s
 MOS V 30 05 43 12.1-1.0 1.64S 100.38E 33 4.9b,4.0s
 NEIC V 30 05 43 14.2-31 1.92S 100.19E 43 4.7b,4.0s
 IDC V 30 05 43 14.8-3.6 1.82S 100.34E 45-32 4.5,4.4
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=11.9km s-min=6.6km az=108.5.
 MOS Error ellipse: s-maj=23.3km s-min=8.9km az=115.7.
 NEIC Event type fe. Error ellipse: s-maj=11.4km s-min=5.6km az=55.0. Felt [III] at Padang and [II]
 at Padangparjant.

IDC Error ellipse: s-maj=35.2km s-min=12.7km az=51.0.
 (228) Near east coast of eastern Honshu
 JMA V 30 07 06 11.7-10 40.69N 142.25E 45-3 3.5
 NIED V 30 07 06 00 40.70N 142.30E 62 3.8W ¶19261897
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0.
 JMA Moment Tensor Solution. Best double couple: NP1:φ=291.00000°;δ76.00000°;λ30.00000°;
 NP2:φ=193.00000°;δ61.00000°;λ164.00000°; M5:2.7000×10¹⁴

(228) Near east coast of eastern Honshu
 ISC V 30 07 38 14.4-40 40.40N-04 141.3E-10 95-3 3.8b 35 0-146
 NIED V 30 07 38 00 40.40N 141.40E 98 3.8W ¶18854968
 ISCJB V 30 07 38 13.4-41 40.40N-04 141.3E-10 99-3 3.8b
 MOS V 30 07 38 14.8-1.3 40.47N 141.15E 113 3.8b
 IDC V 30 07 38 14.8-2.3 40.36N 141.12E 99-21 3.8,3.7
 JMA V 30 07 38 14.4-10 40.38N 141.36E 93-1 3.5,3.7
 NEIC V 30 07 38 14.5 40.38N 141.36E 93 3.5,3.7
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=32.00000°;δ53.00000°;λ105.00000°;
 NP2:φ=188.00000°;δ40.00000°;λ70.00000°; M5:1.9000×10¹⁴
 ISCJB Event type fe. Error ellipse: s-maj=13.3km s-min=6.1km az=11.9.
 MOS Error ellipse: s-maj=29.6km s-min=10.5km az=80.3.
 IDC Error ellipse: s-maj=21.5km s-min=14.9km az=111.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
 NEIC Event type se. After JMA.

(117) Southern Peru
 ISC V 30 10 23 02.9-16 16.64S-03 70.84W-04 117 5.2b 388 1-170
 MOS V 30 10 22 59.1-1.2 16.54S 70.90W 94 5.3b ¶18443030
 ISCJB V 30 10 23 01.0-15 16.60S-03 70.90W-04 115 5.2b
 HRVD V 30 10 23 02.4-20 16.80S 71.21W 125-1 5.2W
 NEIC V 30 10 23 02.4-12 16.65S 70.85W 115 5.2b
 IDC V 30 10 23 02.2-37 16.59S 70.93W 112-2 5.3,5.1
 BJI V 30 10 23 04.4 16.60S 70.80W 115 5.3b,5.1
 LDG V 30 10 23 04.6 16.19S 70.44W 124 5.3b,5.1
 ISC Event type fe.
 MOS Error ellipse: s-maj=9.9km s-min=5.0km az=106.7.
 ISCJB Event type fe. Error ellipse: s-maj=6.1km s-min=3.6km az=126.1.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s60.c84; Mantle waves: s73.c121; Half duration: 1s0 Moment tensor: Scale 10¹⁷Nm;
 M1r:0.7±0.2 M1e:0.0±0.2; M1s:0.7±0.2; M2r:0.23±0.1; M2e:0.31±0.2; M2s:0.17±0.2;
 Best double couple: NP1:φ=176.00000°;δ39.00000°;λ-68.00000°; NP2:φ=329.00000°
 ;δ55.00000°;λ-107.00000°. Principal axes: T 0.9250,Plg8.0000°; Azm71.0000°
 ; N -0.1170,Plg14.0000°; Azm339.0000°; P -0.8070,Plg74.0000°; Azm191.0000°
 M0:0.8660×10¹⁷

NEIC Event type fe. Error ellipse: s-maj=5.3km s-min=3.0km az=66.0. Felt [IV] at Punta de
 Bombon.
 IDC Error ellipse: s-maj=12.6km s-min=8.0km az=61.0.
 LDG Event type ke.
 (221) Kuril Islands
 ISC V 30 18 00 23.7-53 50.51N-04 157.92E-05 67-3 4.6b 307 1-145
 MOS V 30 18 00 20.6-1.1 50.53N 157.86E 51 4.9b ¶18443037
 ISCJB V 30 18 00 21.7-57 50.47N-04 157.98E-05 63-4 4.7b
 KRSC V 30 18 00 21.8-1.0 50.45N 158.32E 40-17 4.6L
 BJI V 30 18 00 21.9 50.76N 157.89E 68 4.8b,4.7b
 NEIC V 30 18 00 24.7-25 50.58N 157.90E 71 4.7b,4.7b
 IDC V 30 18 00 24.2-78 50.62N 157.80E 69-8 4.3,4.2
 ISC Event type fe.
 MOS Event type fe. Error ellipse: s-maj=7.9km s-min=4.4km az=92.7. Felt [IV] at Severo-Kuril'sk.
 Moment Tensor Solution.
 ISCJB Event type fe. Error ellipse: s-maj=6.7km s-min=3.8km az=114.1.
 KRSC Event type se.
 NEIC Event type fe. Error ellipse: s-maj=7.3km s-min=4.5km az=158.0. Felt [IV] at Severo-Kuril'sk.
 IDC Error ellipse: s-maj=15.9km s-min=12.0km az=149.0.

(319) Bay of Bengal
 ISC V 30 19 43 46.5-00 20.70N-03 91.88E-03 31-7 4.5b,4.2s 247 3-151
 IDC V 30 19 43 41.1-62 20.56N 91.87E 0 4.4,4.4
 ISCJB V 30 19 43 41.2-1.0 20.64N-03 91.90E-03 10-6 4.5b,4.2s ¶10698709
 LDG V 30 19 43 42.0-22 20.66N 91.60E 10-0 4.8b,4.0s
 BJI V 30 19 43 43.9 20.59N 91.84E 29 4.8b,4.7L
 MOS V 30 19 43 44.3-89 20.61N 91.93E 33 4.8b,4.2s
 HRVD V 30 19 43 45.6-30 20.54N 92.04E 21-1 4.9W,4.5s
 NEIC V 30 19 43 45.6-21 20.63N 91.93E 30 4.7b,4.5s
 ISC Event type fe.
 IDC Error ellipse: s-maj=20.2km s-min=15.5km az=45.0.
 ISCJB Event type fe. Error ellipse: s-maj=5.8km s-min=4.1km az=14.4.
 LDG Event type ke. Error ellipse: s-maj=12.5km s-min=5.6km az=158.0.
 MOS Error ellipse: s-maj=8.6km s-min=5.2km az=113.3.
 HRVD Error ellipse: s-maj=1.1km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s20.c28; Mantle waves: s73.c121; Half duration: 0 Moment tensor: Scale 10¹⁶
 Nm; M1r:0.0±3.1 M1e:2.5±5.1; M1s:10; M2r:2.5±11; M2e:0.26±1.7; M2s:1.9±0.9; M3:0.21±0.2;
 Best double couple: NP1:φ=63.00000°;δ85.00000°;λ-2.00000°; NP2:φ=153.00000°
 ;δ88.00000°;λ-175.00000°. Principal axes: T 3.2110,Plg2.0000°; Azm288.0000°
 ; N -0.0060,Plg84.0000°; Azm178.0000°; P -3.2070,Plg6.0000°; Azm18.0000°
 M3:3.2000×10¹⁶

NEIC Event type fe. Error ellipse: s-maj=5.5km s-min=3.9km az=203.0. Felt in Bandarban,
 Chittagong, Khagrachari and Rangamati, Bangladesh.
 (246) Southwestern Ryukyu Islands
 ISC V 31 00 21 25.3-64 25.02N-10 125.25E-07 34-8 3.6b 35 0-76
 NIED V 31 00 21 00 24.80N 124.40E 44 3.8W ¶18855006
 ISCJB V 31 00 21 24.4-44 25.00N-10 125.30E-07 47-8 3.6b
 IDC V 31 00 21 24.7-90 25.75N 125.00E 0 3.7,3.7
 JMA V 31 00 21 24.2 24.83N 125.39E 50-1 3.7,3.7
 MOS V 31 00 21 27.8-84 25.71N 124.90E 33 4.1b,3.7
 NEIC V 31 00 21 29.2-74 25.66N 124.98E 35 3.8b,3.7
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=55.00000°;δ79.00000°;λ102.00000°;
 NP2:φ=186.00000°;δ16.00000°;λ43.00000°; M5:2.6000×10¹⁴
 ISCJB Event type fe. Error ellipse: s-maj=22.5km s-min=5.0km az=127.5.
 IDC Error ellipse: s-maj=26.3km s-min=19.9km az=57.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
 MOS Error ellipse: s-maj=35.0km s-min=15.3km az=120.1.
 NEIC Event type se. Error ellipse: s-maj=17.5km s-min=12.4km az=157.0.

(9) Fox Islands
 ISC V 31 05 19 08.4-47 53.52N-05 165.93W-04 59-3 4.5b,3.6s 166 0-160
 IDC V 31 05 19 00.2-53 53.47N 166.06W 0 4.5,4.4 ¶18443055
 BJI V 31 05 19 02.8 54.16N 165.43W 33 5.0b,4.8b
 MOS V 31 05 19 04.5-95 53.62N 165.96W 36 4.9b,4.8b
 NEIC V 31 05 19 06.0-35 53.40N 165.92W 35 4.5b,4.4L
 ISCJB V 31 05 19 07.4-47 53.50N-05 165.92W-04 64-3 4.5b,4.4L
 ISC Event type fe.
 NEIC Event type fe. Felt at Dutch Harbor and Unalaska.
 ISCJB Event type fe.

(159) North Island
 ISC V 31 13 13 51.6-37 40.65S-03 175.56E-05 47-6 3.4b 94 0-152
 ISCJB V 31 13 13 50.9-43 40.65S-03 175.56E-05 57-6 3.4b ¶19132383
 NEIC V 31 13 13 51.8 40.58S 175.48E 36 3.9L
 WEL V 31 13 13 52.2-07 40.64S 175.54E 36-1 3.8L
 IDC V 31 13 13 55.7-2.2 40.13S 175.80E 98-22 3.5,3.4
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=7.5km s-min=3.5km az=60.1.
 NEIC Event type se. After WEL.
 WEL Event type fe. Error ellipse: s-maj=1.4km s-min=0.7km az=90.0. Felt from Manawatu to
 Wellington, maximum reported intensity MM 5.
 IDC Error ellipse: s-maj=43.6km s-min=27.0km az=131.0.

(460) Wyoming
 ISC V 31 20 08 24.4-66 43.73N-06 105.14W-08 0 4.3b 26 1-61
 ISCJB V 31 20 08 23.7-73 43.73N-06 105.23W-08 0 4.3b ¶19132390
 NEIC V 31 20 08 24.6-54 43.72N 105.16W 0 3.2L
 IDC V 31 20 08 24.1-1.6 43.97N 105.63W 0 4.1b,4.1
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=9.6km s-min=7.8km az=100.2.
 NEIC Event type fm. Error ellipse: s-maj=8.6km s-min=5.8km az=146.0. 70 km [45 miles] SSE of
 Gillette. Suspected Mining explosion.
 Error ellipse: s-maj=49.0km s-min=8.0km az=148.0.

(706) Northern Sumatra
 ISC VI 01 00 21 44.8-80 2.65N-09 98.68E-08 10 3.8b 14 0-69
 ISCJB VI 01 00 21 42.9-79 2.71N-08 98.67E-08 10 3.8b ¶19221261
 IDC VI 01 00 21 44.2-1.2 2.92N 99.14E 0 3.7,3.6b
 NEIC VI 01 00 21 47.4-83 2.78N 99.02E 30 4.0b,3.6b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=14.2km s-min=9.4km az=90.7.
 IDC Error ellipse: s-maj=27.8km s-min=7.9km az=132.0.
 NEIC Event type fe. Error ellipse: s-maj=24.5km s-min=15.9km az=222.0. Felt [III] at Pangururan
 and Parapat.

(243) Taiwan region
 ISC VI 01 02 26 06.5-56 22.66N-06 120.93E-07 10 3.9b,3.5s 38 2-79
 ISCJB VI 01 02 26 04.4-56 22.58N-06 120.94E-07 10 4.0b,3.5s ¶18746922
 IDC VI 01 02 26 04.5-94 22.56N 120.94E 0 3.9,3.7
 NEIC VI 01 02 26 07.6-5.5 22.62N 121.10E 22-40 4.6L,4.2b
 MOS VI 01 02 26 07.4-88 22.56N 120.92E 33 4.1b,4.2b
 BJI VI 01 02 26 16.5 23.31N 120.44E 22 4.4b,3.9s
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=10.5km s-min=7.6km az=94.6.
 IDC Error ellipse: s-maj=45.1km s-min=17.9km az=72.0.
 NEIC Event type fe. Error ellipse: s-maj=28.8km s-min=10.1km az=69.0. Recorded [4 TAP] in
 Tai-tung and [2 TAP] in Ping-tung Counties.
 MOS Error ellipse: s-maj=25.3km s-min=12.4km az=111.3.

(109) Near coast of northern Peru
 ISC VI 01 04 11 19.3-21 8.38S-04 79.74W-04 36 4.7b,4.5s 289 2-163
 IDC VI 01 04 11 13.1-54 8.45S 80.10W 0 4.6,4.7 ¶18449269
 ISCJB VI 01 04 11 17.0-22 8.43S-04 79.92W-05 34 4.7b,4.5s
 BJI VI 01 04 11 17.5 7.83S 79.71W 33 5.5s,5.2b
 MOS VI 01 04 11 17.3-81 8.33S 79.84W 33 5.0b,5.2b
 NEIC VI 01 04 11 18.5-17 8.44S 79.85W 34 4.8b,4.4L
 ISC Event type fe.
 IDC Error ellipse: s-maj=20.2km s-min=12.3km az=61.0.
 ISCJB Event type fe. Error ellipse: s-maj=7.6km s-min=4.4km az=105.7.
 MOS Error ellipse: s-maj=14.7km s-min=6.2km az=112.3.
 NEIC Event type fe. Error ellipse: s-maj=7.0km s-min=3.4km az=53.0. Felt [III] at Salaverry.

(249) Luzon
 ISC VI 01 05 17 33.4-58 14.96N-03 119.94E-05 62-5 4.6b 144 1-172
 IDC VI 01 05 17 24.6-48 14.93N 119.90E 0 4.6,4.6 ¶18746928
 BJI VI 01 05 17 30.8 15.06N 119.86E 40 4.7b,4.4b
 SZGRF VI 01 05 17 30.2 15.00N 120.14E 33 4.8b,4.4b

ISCJB	VI	01 05 17 32.1-62	14.93N-03	119.91E-05	65-6	4.5b,4.4b			
NEIC	VI	01 05 17 33.8-93	14.90N	119.90E	68-8	4.7b,4.4b			
MOS	VI	01 05 17 34.4-1.1	14.93N	119.92E	86	4.6b,4.4b			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=24.6km s-min=12.5km az=65.0.								
SZGRF	Luzon, Philippine Islands.								
ISCJB	Event type fe. Error ellipse: s-maj=8.1km s-min=4.8km az=157.8.								
NEIC	Event type fe. Error ellipse: s-maj=7.6km s-min=4.8km az=68.0. Felt [II PIVS] at Iba and [I PIVS] at Quezon City.								
MOS	Error ellipse: s-maj=12.6km s-min=5.9km az=115.1.								
ISC	(221) Kuril Islands								
ISC	VI	01 08 48 14.1-50	44.62N-04	148.27E-05	65-4	4.3b	169	1-151	
NIED	VI	01 08 48 00	44.20N	148.20E	65	4.3W			18449273
SKHL	VI	01 08 48 10.8-10	44.63N	148.64E	45-14	5.2b			
MOS	VI	01 08 48 11.0-1.1	44.56N	148.30E	55	4.6b			
JMA	VI	01 08 48 12.1-30	44.16N	148.25E	0	5.4			
BJI	VI	01 08 48 12.9	44.53N	148.29E	67	4.7b,4.7b			
ISCJB	VI	01 08 48 12.2-54	44.57N-04	148.34E-05	65-4	4.3b,4.7b			
IDC	VI	01 08 48 13.1-4.3	44.65N	148.27E	55-39	4.2L,4.0			
NEIC	VI	01 08 48 13.5-85	44.62N	148.24E	59-8	4.5b,4.0			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=192.00000°,δ65.00000°,λ-54.00000°. NP2:φ=312.00000°,δ43.00000°,λ-141.00000°. M3:0.05000×10 ¹⁵								
SKHL	Event type fe. Felt (II-III) at Kuril'sk.								
MOS	Event type fe. Error ellipse: s-maj=10.0km s-min=7.0km az=83.5. Felt (II-III) at Kuril'sk. Moment Tensor Solution.								
JMA	Error ellipse: s-maj=3.3km s-min=3.2km az=1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=7.4km s-min=4.3km az=95.4.								
IDC	Error ellipse: s-maj=19.3km s-min=14.5km az=127.0.								
NEIC	Event type fe. Error ellipse: s-maj=7.5km s-min=5.7km az=151.0. Felt [III] at Kuril'sk.								
ISC	(451) New Brunswick								
OTT	VI	01 09 34 25.7-07	46.58N	67.45W	5	3.6			
NEIC	VI	01 09 34 25.7	46.58N	67.45W	5	3.6,3.5b			18449275
OTT	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. 25km southeast from Perth-Andover, Nb. Felt Felt in Florenceville,Williamstown,and Bristol, Nb. Northern Appalachians Seismic Zone.								
NEIC	Event type fe. Felt at Bristol, Florenceville, Perth-Andover, Williamstown and Woodstock. Also felt at Mars Hill, Maine. After OTT.								
ISC	(706) Northern Sumatera								
ISC	VI	01 11 47 47.8-46	2.50N-07	98.71E-07	35	4.2b,4.0s	36	0-127	
BJI	VI	01 11 47 40.0	1.60N	99.52E	30	4.8b,4.4s			18746935
IDC	VI	01 11 47 42.2-59	2.51N	98.71E	0	4.2,4.1			
ISCJB	VI	01 11 47 45.4-46	2.46N-07	98.66E-06	33	4.2b,4.0s			
NEIC	VI	01 11 47 46.4-45	2.55N	98.83E	30	4.2b,4.0s			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=15.3km s-min=5.4km az=142.0.								
ISCJB	Event type fe. Error ellipse: s-maj=11.0km s-min=8.2km az=74.4.								
NEIC	Event type fe. Error ellipse: s-maj=15.9km s-min=9.7km az=54.0. Felt [II] at Pangururan and Parapat.								
ISC	(277) Jawa								
NEIC	VI	01 23 45 43.2-77	8.00S	110.38E	35	4.0b			10665527
NEIC	Event type fe. Error ellipse: s-maj=27.1km s-min=12.5km az=71.0. Felt [III] at Yogyakarta and [II] at Klaten.								
ISC	(45) California-Baja California border region								
ISC	VI	02 00 56 13.9-32	32.72N-02	115.85W-03	12-3		64	0-9	
ISCJB	VI	02 00 56 13.7-41	32.71N-02	115.79W-03	14-3				19132429
NEIC	VI	02 00 56 14.0	32.68N	115.85W	6	3.8L			
EXC	VI	02 00 56 15.4-70	32.69N	115.85W	6-0	4.0L,3.8			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=4.5km s-min=2.8km az=94.7.								
NEIC	Event type fe. Felt [III] at Calexico and El Centro; [II] at Imperial. Felt at Holtville and Ocotillo. After PAS.								
EXC	Error ellipse: s-maj=1.3km s-min=1.6km az=-1.0.								
ISC	(230) Near south coast of eastern Honshu								
ISC	VI	02 02 31 06.1-20	34.91N-03	139.19E-04	144-1	4.4b	273	0-149	
SZGRF	VI	02 02 30 57.7	35.88N	140.00E	33	4.7b			10698737
BJI	VI	02 02 30 58.8	34.76N	139.78E	144	4.7b,4.5b			
NIED	VI	02 02 31 00	34.90N	139.20E	140	4.4W,4.5b			
MOS	VI	02 02 31 04.3-80	34.87N	139.13E	142	4.6b,4.5b			
ISCJB	VI	02 02 31 05.1-20	34.90N-03	139.17E-04	147-1	4.4b,4.5b			
JMA	VI	02 02 31 05.7-10	34.91N	139.22E	145-1	4.3,4.5b			
NEIC	VI	02 02 31 06.2-46	34.82N	139.03E	144-3	4.5b,4.4W			
IDC	VI	02 02 31 06.2-40	34.82N	138.90E	141-3	4.4,4.1			
ISC	Event type fe.								
SZGRF	Near east coast of eastern Honshu, Japan.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=26.00000°,δ84.00000°,λ-100.00000°. NP2:φ=266.00000°,δ12.00000°,λ-31.00000°. M4:3.30000×10 ¹⁵								
MOS	Error ellipse: s-maj=13.0km s-min=4.9km az=112.1.								
ISCJB	Event type fe. Error ellipse: s-maj=5.6km s-min=4.4km az=147.0.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=235.00000°,δ8.00000°,λ-61.00000°. NP2:φ=25.00000°,δ83.00000°,λ-94.00000°. Principal axes: T Plg38.0000°,Azm119.0000°; N Plg4.0000°,Azm26.0000°; P Plg52.0000°,Azm291.0000°								
NEIC	Event type fe. Error ellipse: s-maj=5.6km s-min=4.4km az=86.0. Recorded [2 JMA] in Kanagawa and Tokyo; [1 JMA] in Chiba, Ibaraki, Saitama and Tochigi Prefectures. Moment Tensor Solution. M4.30000×10 ¹⁵								
IDC	Error ellipse: s-maj=16.0km s-min=4.9km az=71.0.								
ISC	(17) South of Alaska								
ISC	VI	02 09 38 23.3-1.4	55.40N-04	155.77W-05	22-10	4.4b,3.9s	126	2-145	
IDC	VI	02 09 38 19.4-1.0	55.18N	155.86W	0	4.4,4.3			10698742
ISCJB	VI	02 09 38 20.7-29	55.42N-04	155.73W-05	15	4.4b,3.9s			
MOS	VI	02 09 38 20.1-65	55.40N	155.73W	10	4.7b,3.9s			
NEIC	VI	02 09 38 24.0	55.31N	155.88W	15	4.6b,4.2L			
BJI	VI	02 09 38 26.6	56.11N	156.26W	45	5.1b,4.8b			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=22.9km s-min=16.9km az=20.0.								
ISCJB	Event type fe. Error ellipse: s-maj=5.5km s-min=4.1km az=151.9.								
MOS	Error ellipse: s-maj=13.6km s-min=6.2km az=85.4.								
NEIC	Event type fe. Felt at Eagle River and Elmendorf AFB. After AEIC.								
ISC	(232) Western Honshu								
ISC	VI	02 15 48 26.5-35	35.35N-03	135.69E-03	10	3.8b,3.0s	44	0-64	
NIED	VI	02 15 48 00	35.40N	135.70E	5	3.9W,3.0s			18855046
JMA	VI	02 15 48 25.6	35.39N	135.72E	7-1	4.1,3.0s			
NEIC	VI	02 15 48 25.4-90	35.01N	135.71E	15	4.1b,3.0s			
ISCJB	VI	02 15 48 25.7-35	35.36N-03	135.71E-03	10	3.8b,3.0s			
IDC	VI	02 15 48 26.3-1.1	35.30N	135.72E	0	3.7,3.6			
MOS	VI	02 15 48 28.1-1.6	35.24N	135.77E	3	4.4b,3.6			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=245.00000°,δ83.00000°,λ-171.00000°. NP2:φ=154.00000°,δ81.00000°,λ-7.00000°. M6:8.70000×10 ¹⁴								
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=147.00000°,δ69.00000°,λ-9.00000°. NP2:φ=241.00000°,δ82.00000°,λ-158.00000°. Principal axes: T Plg9.0000°,Azm12.0000°; N Plg67.0000°,Azm260.0000°; P Plg21.0000°,Azm106.0000°								
NEIC	Event type fe. Error ellipse: s-maj=19.8km s-min=10.6km az=154.0. Recorded [3 JMA] in Fukui; [2 JMA] in Hyogo and Kyoto; [1 JMA] in Kagawa, Okayama and Shiga Prefectures.								
ISCJB	Event type fe. Error ellipse: s-maj=4.3km s-min=3.0km az=168.8.								
IDC	Error ellipse: s-maj=25.5km s-min=19.9km az=28.0.								
MOS	Error ellipse: s-maj=18.2km s-min=13.2km az=62.7.								
ISC	(353) Southern Iran								
ISC	VI	03 07 15 36.1-11	26.78N-02	55.88E-01	13	5.3b,4.6s	1025	1-134	
TEH	VI	03 07 15 25.6	26.93N	55.72E	18	5.2L,4.6s			10698752
BJI	VI	03 07 15 28.4	26.79N	55.02E	12	5.3b,5.3b			
ISCJB	VI	03 07 15 34.1-11	26.78N-02	55.88E-01	13	5.3b,4.6s			
MOS	VI	03 07 15 34.5-1.1	26.83N	55.83E	15	5.5b,4.6s			
NEIC	VI	03 07 15 35.6-15	26.76N	55.84E	12	5.4b,5.1L			
HRVD	VI	03 07 15 35.6-20	26.72N	55.83E	12	5.2W,5.1L			
CRAAG	VI	03 07 15 36.0	26.82N	55.85E	5	5.4b,5.1L			
IDC	VI	03 07 15 36.0-1.6	26.84N	55.97E	14-10	5.1,5.1b			
THR	VI	03 07 15 36.6-69	26.91N	55.91E	14-8	5.1L,5.1b			

CSEM	VI	03 07 15 36.1	26.80N	55.84E	25	5.5b,5.1b			
OMAN	VI	03 07 15 40.4-4.9	26.55N	55.58E	30-0	5.5b,5.1b			
BGS	VI	03 07 15 50.0-1.3	28.19N	54.36E	12-0	5.2b,5.1b			
SZGRF	VI	03 07 15 53.1	27.59N	53.98E	33	4.7b,4.4s			
ISC	Event type de.								
ISCJB	Event type de. Error ellipse: s-maj=2.6km s-min=1.7km az=38.1.								
MOS	Error ellipse: s-maj=5.3km s-min=2.8km az=125.0.								
NEIC	Event type de. Error ellipse: s-maj=4.2km s-min=2.6km az=25.0. Two people killed and four injured on Qeshm. Some buildings damaged at Ramkan. Felt at Khamir.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s52,c72; Mantle waves: s81,c151; Half duration: 0 Moment tensor: Scale 1016 Nm; Mw=9.2±1.1; Mw0=6.56±1.1; Mw0.63±1.2; Mw0.57±1.3; Mw0.69±1.0; Mw0.15±0.2; Best double couple: NP1:φ=111.00000°,δ45.00000°,λ112.00000°. NP2:φ=260.00000°,δ49.00000°,λ69.00000°. Principal axes: T 6.3890,Plg74.0000°,Azm102.0000°; N 0.2560,Plg16.0000°,Azm274.0000°; P -6.6390,Plg2.0000°,Azm5.0000° Mw0.51100×10 ¹⁶								
IDC	Error ellipse: s-maj=9.5km s-min=8.2km az=16.0.								
THR	Error ellipse: s-maj=6.0km s-min=5.1km az=-1.0.								
OMAN	Error ellipse: s-maj=5.0km s-min=3.0km az=335.0.								
BGS	Error ellipse: s-maj=267.9km s-min=247.5km az=-1.0.								
SZGRF	Southern Iran.								
ISC	(366) Turkey								
ISC	VI	03 11 07 43.7-24	37.54N-02	43.89E-03	10	3.9b,3.6s	133	0-96	
CSEM	VI	03 11 07 39.9-18	37.67N	44.01E	10	4.2b,3.3s			18566239
ISK	VI	03 11 07 40.0	37.63N	44.08E	20	3.7,3.3s			
ISCJB	VI	03 11 07 41.8-25	37.51N-02	43.90E-03	10	3.9b,3.6s			
IDC	VI	03 11 07 42.5-1.1	37.52N	43.73E	0	4.0,3.9			
MOS	VI	03 11 07 44.2-1.3	37.63N	43.70E	10	4.1b,3.9			
NEIC	VI	03 11 07 45.0-52	37.61N	43.79E	10	4.1b,3.1L			
SZGRF	VI	03 11 08 04.5	38.16N	41.55E	33	4.3b,3.3s			
ISC	Event type de.								
CSEM	Event type ke. Error ellipse: s-maj=4.6km s-min=2.7km az=67.0.								
ISCJB	Event type de. Error ellipse: s-maj=3.5km s-min=2.9km az=124.1.								
IDC	Error ellipse: s-maj=18.7km s-min=13.3km az=138.0.								
MOS	Error ellipse: s-maj=10.3km s-min=6.2km az=107.7.								
NEIC	Event type de. Error ellipse: s-maj=9.1km s-min=6.0km az=166.0. Minor damage in Hakkiri.								
SZGRF	Turkey.								
ISC	(244) Taiwan								
ISC	VI	03 14 04 49.1-1.8	23.2N-10	120.12E-10	70-21	4.4b	18	2-50	
NEIC	VI	03 14 04 44.7-1.2	22.91N	120.03E	35	4.4L,4.4b			18443187
ISCJB	VI	03 14 04 48.3-1.7	23.2N-10	120.17E-09	82-19	4.4b,4.4b			
JMA	VI	03 14 04 49.2-20	22.87N	120.37E	110	2.9,4.4b			
ISC	Event type fe.								
NEIC	Event type fe. Error ellipse: s-maj=26.3km s-min=13.7km az=100.0. Recorded [3 TAP] in Tai-nan, [2 TAP] in Kao-hsiung								

MOS Event type fe. Error ellipse: s-maj=6.9km s-min=4.7km az=119.6. Felt (III) at Alma-Ata. Moment Tensor Solution.

NEIC Event type fe. Error ellipse: s-maj=4.7km s-min=3.3km az=45.0. Felt (III) at Almaty.

SZGRF Eastern Kazakhstan.

(377) Lake Baykal region

BYKL VI 04 15 59 25.6-11 55.08N 111.30E 19-2 4.0b ¶18855105

MOS VI 04 15 59 25.2-14 55.07N 111.27E 21 4.0b

BYKL Event type fe. FELT=II MSK at Ulyunkhan.

MOS Event type fe. Error ellipse: s-maj=13.7km s-min=7.1km az=70.9. Felt (II) at Ulyunkhan. Moment Tensor Solution.

(159) North Island

ISC VI 04 23 48 37.3-51 40.57S-03 176.53E-07 35 4.6b,4.2s 117 0-165

ISCJB VI 04 23 48 35.4-47 40.62S-03 176.65E-06 33 4.6b,4.2s ¶18463657

NEIC VI 04 23 48 38.1 40.50S 176.40E 24 4.8b,4.7L

WEL VI 04 23 48 38.2-14 40.50S 176.40E 24-1 4.8L,4.7L

IDC VI 04 23 48 50.5-2.2 38.77S 175.74E 94-19 4.6,4.5

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=6.7km s-min=2.5km az=56.2.

NEIC Event type fe. Felt in Manawatu and northern Wairarapa. After WEL.

WEL Event type fe. Error ellipse: s-maj=1.8km s-min=0.9km az=90.0. Felt between Wanganui, Wellington and Hawke's Bay, maximum reported intensity. MM 4.

IDC Error ellipse: s-maj=61.9km s-min=22.8km az=3.0.

(243) Taiwan region

ISC VI 05 00 39 04.9-18 21.57N-02 121.98E-02 27 4.7b,4.4s 298 3-169

IDC VI 05 00 39 00.3-57 21.42N 121.82E 0 4.6,4.6

NIED VI 05 00 39 00 21.70N 121.90E 32 5.0W,4.6

ISCJB VI 05 00 39 03.0-18 21.60N-02 121.92E-02 26 4.7b,4.4s

HRVD VI 05 00 39 04.7-20 21.50N 121.77E 20-1 5.0W,4.4s

BJI VI 05 00 39 04.0 21.74N 121.77E 14 5.0b,4.7b

NEIC VI 05 00 39 04.7-30 21.56N 121.92E 26 4.9b,4.5s

JMA VI 05 00 39 04.6-40 21.67N 121.89E 90 4.6,4.5s

MOS VI 05 00 39 04.0-1.4 21.60N 121.84E 33 5.0b,4.4s

ISC Event type fe.

IDC Error ellipse: s-maj=22.1km s-min=13.1km az=74.0.

NIED Moment Tensor Solution. Best double couple: NP1:φ=49.00000°,δ77.00000°,λ133.00000°; NP2:φ=153.00000°,δ44.00000°,λ19.00000°; M3.60000×10¹⁶

ISCJB Event type fe. Error ellipse: s-maj=3.5km s-min=2.4km az=67.8.

HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s35,c50; Mantle waves: s72,c126; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=0.81±.15 Mw=3.82±.12; Mww=3.01±.13; Mw=0.31±.21; Mw=2.05±.10; Mw=0.08±.23; Best double couple: NP1:φ=151.00000°,δ88.00000°,λ2.00000°; NP2:φ=60.00000°,δ88.00000°,λ178.00000°; Principal axes: T 4.4070,Plg3.0000°; Azm15.0000°; N -0.8300,Plg87.0000°; Azm198.0000°; P -3.5780,Plg0.0000°; Azm105.0000°; M3.99300×10¹⁶

NEIC Event type fe. Error ellipse: s-maj=8.2km s-min=6.6km az=103.0. Felt at Heng-ch'un and Lan-yu.

JMA Error ellipse: s-maj=4.4km s-min=4.1km az=1.0.

MOS Error ellipse: s-maj=9.1km s-min=5.3km az=112.8.

(238) Ryukyu Islands

ISC VI 05 06 51 13.8-60 28.36N-04 130.03E-05 25-3 4.0b 44 0-91

NIED VI 05 06 51 00 28.40N 130.10E 17 4.1W ¶18855125

ISCJB VI 05 06 51 12.3-79 28.31N-04 130.10E-05 28-5 4.0b

JMA VI 05 06 51 12.8-10 28.40N 130.06E 28-1 4.3

MOS VI 05 06 51 12.7-2.6 28.19N 130.22E 33 4.5b

IDC VI 05 06 51 16.5-2.4 28.29N 129.99E 52-22 4.4L,4.1

NEIC VI 05 06 51 19.7-1.6 28.13N 129.83E 80-13 4.2b,4.1

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=276.00000°,δ89.00000°,λ-102.00000°; NP2:φ=180.00000°,δ12.00000°,λ-6.00000°; M1.81000×10¹⁵

ISCJB Event type fe. Error ellipse: s-maj=8.9km s-min=5.0km az=78.5.

JMA Event type fe. Error ellipse: s-maj=2.2km s-min=1.0km az=1.0.

MOS Error ellipse: s-maj=29.8km s-min=12.5km az=115.5.

IDC Error ellipse: s-maj=17.4km s-min=14.1km az=85.0.

NEIC Event type fe. Error ellipse: s-maj=24.9km s-min=11.3km az=89.0. Recorded [2 JMA] on Kikaiga-shima.

(460) Wyoming

ISC VI 05 18 04 12.5-67 43.82N-08 105.25W-08 0 4.1b 15 3-61

ISCJB VI 05 18 04 10.7-68 43.89N-08 105.19W-08 0 4.1b ¶19221474

IDC VI 05 18 04 11.8-2.0 43.72N 105.41W 0 4.0b,3.9

NEIC VI 05 18 04 12.6-72 43.81N 105.23W 0 2.9L,3.9

ISC Event type fm.

ISCJB Event type fm. Error ellipse: s-maj=11.1km s-min=8.5km az=149.8.

IDC Error ellipse: s-maj=56.3km s-min=8.4km az=150.0.

NEIC Event type fm. Error ellipse: s-maj=12.4km s-min=9.4km az=167.0. 60 km [35 miles] SSE of Gillette. Suspected Mining explosion.

(266) Northern Molucca Sea

ISC VI 05 18 56 32.5-17 1.59N-02 125.14E-03 170 4.9b 238 5-160

BJI VI 05 18 56 30.6 1.51N 125.17E 182 4.8b,4.7b ¶18463685

ISCJB VI 05 18 56 30.6-16 1.59N-02 125.14E-03 168 4.9b,4.7b

IDC VI 05 18 56 31.3-1.3 1.61N 124.99E 162-11 5.2,4.7

HRVD VI 05 18 56 32.6-20 1.60N 125.23E 167-2 5.2W,4.7

NEIC VI 05 18 56 32.6-95 1.59N 125.05E 173-9 5.1b,4.7

MOS VI 05 18 56 35.6-99 1.65N 125.11E 220 4.8b,4.7

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=4.4km s-min=2.7km az=152.6.

IDC Error ellipse: s-maj=13.6km s-min=7.3km az=71.0.

HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s44,c55; Mantle waves: s82,c130; Half duration: 150 Moment tensor: Scale 10¹⁶ Nm; Mr=3.85±.19 Mw=6.23±.21; Mww=1.22±.06; Mw=2.80±.16; Mw=6.95±.17; Mw=2.50±.18; Best double couple: NP1:φ=169.00000°,δ61.00000°,λ-30.00000°; NP2:φ=275.00000°,δ64.00000°,λ-148.00000°; Principal axes: T 8.9240,Plg2.0000°; Azm42.0000°; N -0.6840,Plg50.0000°; Azm309.0000°; P -8.2400,Plg40.0000°; Azm133.0000°; M8.58200×10¹⁶

NEIC Event type fe. Error ellipse: s-maj=7.1km s-min=3.8km az=72.0. Felt (II) at Manado, Indonesia.

MOS Error ellipse: s-maj=11.9km s-min=5.8km az=106.1.

(89) Mona Passage

ISC VI 05 20 48 09.4-32 18.20N-04 68.40W-02 61-3 4.4b 200 1-158

LDG VI 05 20 47 59.0-79 18.27N 68.68W 10-0 4.6b ¶10698789

ISCJB VI 05 20 48 08.9-41 18.14N-04 68.35W-03 79-4 4.3b

IDC VI 05 20 48 09.0-1.6 18.09N 68.38W 67-15 4.3,4.2

NEIC VI 05 20 48 09.7-33 18.18N 68.37W 70-3 4.5b,4.4

RSPR VI 05 20 48 19.4 18.10N 67.72W 51-4 4.4,4.4

ISC Event type fe.

LDG Event type ke. Error ellipse: s-maj=43.3km s-min=13.4km az=85.0.

ISCJB Event type fe. Error ellipse: s-maj=6.0km s-min=4.5km az=5.0.

IDC Error ellipse: s-maj=12.2km s-min=9.7km az=119.0.

NEIC Event type fe. Error ellipse: s-maj=4.5km s-min=3.6km az=148.0. Felt (IV) at Mayaguez, Puerto Rico. Felt at Aguada, Arecibo and Rio Grande, Puerto Rico.

RSPR Event type ke.

(162) South Island

WEL VI 05 20 57 53.2-27 44.61S 168.18E 81-2 4.1L ¶19221477

NEIC VI 05 20 57 53.2 44.60S 168.12E 81 4.1L

WEL Event type fe. Error ellipse: s-maj=2.2km s-min=1.7km az=90.0. Felt in the Otago region, maximum reported intensity MM 4.

NEIC Event type se. After WEL.

(225) Off southeast coast of Hokkaido

ISC VI 05 23 17 54.5-62 42.41N-03 147.42E-04 43-5 4.6b,3.8s 282 2-152

NIED VI 05 23 17 00 42.40N 147.40E 65 4.8W,3.8s ¶10698791

MOS VI 05 23 17 51.5-87 42.34N 147.46E 33 4.9b,3.8s

ISCJB VI 05 23 17 52.4-66 42.32N-03 147.41E-04 41-5 4.6b,3.8s

IDC VI 05 23 17 53.4-50 42.32N 147.57E 40-3 4.8L,4.4

SKHL VI 05 23 17 53.6-1.1 42.60N 147.60E 50-18 5.4b,5.4s

JMA VI 05 23 17 54.0-20 42.43N 147.38E 60 4.9,5.4s

BJI VI 05 23 17 54.8 42.20N 147.40E 70 4.7b,4.7b

NEIC VI 05 23 17 56.8-26 42.25N 147.41E 70 4.8W,4.7b

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=109.00000°,δ77.00000°,λ-70.00000°; NP2:φ=231.00000°,δ23.00000°,λ-146.00000°; M1.79000×10¹⁶

MOS Event type fe. Error ellipse: s-maj=8.6km s-min=5.3km az=114.0. Felt (II) at Yuzhno-Kuril'sk. Moment Tensor Solution.

ISCJB Event type fe. Error ellipse: s-maj=5.6km s-min=4.4km az=92.5.

IDC Error ellipse: s-maj=13.0km s-min=10.1km az=19.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.6km az=1.0.

NEIC Event type fe. Error ellipse: s-maj=7.7km s-min=4.3km az=154.0. Felt (II) at Yuzhno-Kuril'sk. Kusanair. Recorded [2 JMA] in eastern Hokkaido. Moment Tensor Solution. M1.80000×10¹⁶

(221) Kuril Islands

ISC VI 06 04 42 41.8-2.2 43.64N-07 147.84E-09 20-14 4.5b,4.1s 96 1-150

NIED VI 06 04 42 00 43.20N 147.80E 11 4.1W,4.1s ¶10698798

SKHL VI 06 04 42 26.1-3.2 42.70N 149.30E 33-0 5.2b,4.7b

JMA VI 06 04 42 40.0-80 43.21N 147.82E 14 4.0,4.7b

ISCJB VI 06 04 42 43.8-1.1 43.74N-07 147.7E-10 42-7 4.5b,4.1s

MOS VI 06 04 42 45.4-1.1 43.87N 147.65E 53 4.8b,4.1s

IDC VI 06 04 42 46.9-3.7 43.75N 147.78E 60-34 4.1,4.0

BJI VI 06 04 42 46.5 43.84N 147.71E 63 4.8b,4.8b

NEIC VI 06 04 42 47.1-1.4 43.93N 147.64E 51-12 4.6b,4.8b

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=23.00000°,δ61.00000°,λ70.00000°; NP2:φ=240.00000°,δ35.00000°,λ122.00000°; M1.56000×10¹⁵

JMA Error ellipse: s-maj=3.3km s-min=6.5km az=1.0.

ISCJB Event type fe. Error ellipse: s-maj=15.0km s-min=8.6km az=70.0.

MOS Event type fe. Error ellipse: s-maj=11.5km s-min=8.0km az=117.7. Felt (II) at Yuzhno-Kuril'sk. Moment Tensor Solution.

IDC Error ellipse: s-maj=42.3km s-min=27.4km az=171.0.

NEIC Event type fe. Error ellipse: s-maj=15.1km s-min=11.0km az=103.0. Felt (II) at Yuzhno-Kuril'sk.

(201) Irian Jaya

ISC VI 06 08 02 53.6-1.0 4.00S-04 140.05E-06 52-9 4.7b,4.1s 91 5-149

BJI VI 06 08 02 45.1 4.60S 140.02E 30 5.0b,5.0b ¶18463711

IDC VI 06 08 02 47.6-73 3.70S 139.93E 0 4.8,4.7

MOS VI 06 08 02 50.3-1.7 3.76S 139.85E 33 4.6b,4.7

HRVD VI 06 08 02 51.8-20 3.80S 140.13E 20-1 5.0W,4.7

ISCJB VI 06 08 02 51.1-1.2 3.95S-04 140.03E-07 45-11 4.7b,4.1s

NEIC VI 06 08 02 51.8-36 3.85S 139.93E 30 4.7b,4.1s

ISC Event type fe.

IDC Error ellipse: s-maj=28.6km s-min=17.6km az=71.0.

MOS Error ellipse: s-maj=16.6km s-min=8.1km az=104.0.

HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14,c14; Mantle waves: s64,c90; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=1.34±.19 Mw=1.81±.10; Mw=3.15±.16; Mw=1.65±.27; Mw=1.42±.09; Mw=0.87±.25; Best double couple: NP1:φ=53.00000°,δ60.00000°,λ-26.00000°; NP2:φ=157.00000°,δ68.00000°,λ-147.00000°; Principal axes: T 3.5810,Plg5.0000°; Azm283.0000°; N 0.0690,Plg51.0000°; Azm187.0000°; P -3.6500,Plg38.0000°; Azm18.0000°; M3.61600×10¹⁶

ISCJB Event type fe. Error ellipse: s-maj=10.9km s-min=7.3km az=173.4.

NEIC Event type fe. Error ellipse: s-maj=10.8km s-min=7.2km az=88.0. Felt (III) at Wamena.

(236) Shikoku

ISC VI 06 14 28 57.3-44 33.54N-04 132.27E-06 53-5 3.6b 28 0-74

NIED VI 06 14 28 00 33.60N 132.30E 50 3.7W ¶19221525

ISCJB VI 06 14 28 56.2-44 33.53N-04 132.26E-06 60-5 3.6b

JMA VI 06 14 28 57.5 33.56N 132.27E 49 3.6

NEIC VI 06 14 28 58.9-72 33.59N 132.24E 73-10 3.9

IDC VI 06 14 28 59.0-3.0 33.47N 132.32E 82-53 3.8,3.6

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=178.00000°,δ86.00000°,λ-73.00000°; NP2:φ=280.00000°,δ17.00000°,λ-167.00000°; M4.62000×10¹⁴

ISCJB Event type fe. Error ellipse: s-maj=8.2km s-min=5.8km az=41.5.

JMA Event type fe. Error ellipse: s-maj=30.6km s-min=23.2km az=117.0.

NEIC Event type fe. Error ellipse: s-maj=13.7km s-min=8.8km az=146.0. Recorded [1 JMA] in Ehime and Kochi Prefectures. Also recorded [1 JMA] in Hiroshima and Yamaguchi Prefectures. Honshu.

IDC Error ellipse: s-maj=78.4km s-min=20.9km az=128.0.

(590) Western Australia

ISC VI 06 15 34 09.1-51 25.12S-04 117.84E-05 10 4.1b 83 2-78

ISCJB VI 06 15 34 07.3-56 25.13S-04 117.87E-06 10 4.1b ¶19221528

IDC VI 06 15 34 08.4-1.5 25.08S 117.82E 0 4.4,4.2L

AUST VI 06 15 34 10 25.03S 117.44E 6 4.5L,4.2L

NEIC VI 06 15 34 09.0 25.03S 117.44E 6 4.5L,4.1b

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=8.1km s-min=4.6km az=52.5.

IDC Error ellipse: s-maj=30.6km s-min=23.2km az=117.0.

NEIC Event type fe. Felt in the Burringurrah area. After AUST.

(112) Peru-Brazil border region

ISC VI 07 02 26 03.3-14 7.56S-03 73.68W-03 190 4.9b 634 5-170

MOS VI 07 02 25 58.6-73 7.45S 73.75W 161 5.0b ¶10698814

CRAAG VI 07 02 26 00.5 7.57S 73.78W 4.9b

ISCJB VI 07 02 26 01.3-15 7.54S-03 73.77W-03 188 4.9b

HRVD VI 07 02 26 02.4-20 7.58S 73.89W 197-1 5.2W

IDC VI 07 02 26 02.6-40 7.55S 73.78W 188-3 5.1,4.7

NEIC VI 07 02 26 02.4-11 7.59S 73.73W 188 4.9b,4.7

BJI VI 07 02 26 02.4 7.60S 73.70W 187 5.2b,4.7

SZGRF VI 07 02 26 10.1 7.57S 71.19W 189 5.1b,4.7

ISC Event type fe.

MOS Error ellipse: s-maj=7.0km s-min=4.8km az=90.2.

ISCJB Event type fe. Error ellipse: s-maj=5.0km s-min=2.9km az=61.7.

HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s56,c81; Mantle waves: s78,c134; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=5.97±.15 Mw=1.40±.18; Mw=4.57±.23; Mw=1.22±.14; Mw=4.03±.17; Mw=1.75±.19; Best double couple: NP1:φ=234.00000°,δ45.00000°,λ-61.00000°; NP2:φ=15.00000°,δ52.00000°,λ-116.00000°; Principal axes: T 7.3600,Plg3.0000°; Azm123.0000°; N -0.6130,Plg20.0000°; Azm32.0000°; P -6.7470,Plg70.0000°; Azm223.0000°; M7.05400×10¹⁶

IDC Error ellipse: s-maj=11.5km s-min=7.7km az=72.0.

NEIC Event type fe. Error ellipse: s-maj=3.7km s-min=2.3km az=44.0. Felt (II) at Contamana and Pucallpa, Peru.

SZGRF Western Brazil.

(228) Near east coast of eastern Honshu

ISC VI 07 03 22 15.4-81 35.56N-07 140.01E-10 73-5 3.8b 14 0-70

ISCJB VI 07 03 22 14.3-81 35.55N-07 140.01E-10 80-5 3.8b ¶1959877

IDC VI 07 03 22 15.2-4.2 35.53N 140.00E 68-28 3.9L,3.8

JMA VI 07 03 22 15.3-30 35.66N 140.08E 65-3 3.3,3.8

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=15.0km s-min=9.1km az=112.3.

IDC Error ellipse: s-maj=85.3km s-min=13.2km az=75.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.

(274) Sumatra

ISC VI 07 08 22 50.4-40 1.97S-06 100.37E-07 41 4.8b,4.0s 85 2-148

ISCJB VI 07 08 22 48.4-41 1.89S-06 100.48E-08 39 4.8b,4.0s ¶18495352

BJI VI 07 08 22 48.6 2.00S 100.40E 30 4.9b,4.9b

NEIC VI 07 08 22 48.6-32 1.99S 100.37E 30 4.9b,4.9b

MOS VI 07 08 22 50.5-1.1 1.65S 100.74E 54 5.2b,4.9b

IDC VI 07 08 22 52.2-3.9 1.81S 100.55E 58-35 4.5,4.4

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=12.5km s-min=6.7km az=108.9.

NEIC Event type fe. Error ellipse: s-maj=16.6km s-min=6.3km az=57.0. Felt (III) at Padang and (II) at Bengkulu.

MOS Error ellipse: s-maj=21.0km s-min=8.0km az=113.3.

IDC Error ellipse: s-maj=33.2km s-min=12.6km az=52.0.

(277) Jawa

ISC VI 08 04 44 24.3-75 8.5S-10 110.5E-20 10 4.3b,3.8s 14 15-148

ISCJB VI 08 04 44 22.5-76 8.5S-10 110.5E-20 10 4.3b,3.8s ¶19221603

IDC VI 08 04 44 22.4-1.6 8.40S 110.55E 0 4.2,4.1b

NEIC VI 08 04 44 23.9-64 8.42S 110.48E 10 4.5b,4.1b

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=29.3km s-min=9.9km az=100.9.

IDC Error ellipse: s-maj=86.6km s-min=27.2km az=36.0.

NEIC Event type fe. Error ellipse: s-maj=27.5km s-min=11.1km az=222.0. Felt [III] at Klaten and Yogyakarta.

(53) United Kingdom

BGS VI 08 12 23 48.1-92 57.53N 5.64W 8-58 2.9L 18517754

BER VI 08 12 23 48.4-1.7 57.54N 5.64W 9-4 2.9L,2.6L

NEIC VI 08 12 23 48.1 57.53N 5.64W 8 2.9L,2.6L

BGS Error ellipse: s-maj=2.8km s-min=6.0km az=1.0.

BER Error ellipse: s-maj=2.9km s-min=7.5km az=1.0.

NEIC Event type fe. Felt [IV] at Shieldaig. Also felt at Achnasheen, Gairloch, Lochcarron, Loch Torridon and Stromeferry. After BGS.

(385) Strait of Gibraltar

ISC VI 08 14 15 24.4-29 36.87N-02 5.70W-02 11-2 198 0-12

ISCJB VI 08 14 15 23.6-29 36.96N-02 5.68W-02 10-2 18463782

MDD VI 08 14 15 24.2-21 36.74N 5.81W 10-0 3.0

NEIC VI 08 14 15 24.3 36.76N 5.80W 10 3.1

LDG VI 08 14 15 24.6-17 36.78N 5.75W 2-0 3.7,3.4L

CSEM VI 08 14 15 25.0-06 36.80N 5.75W 10 3.3L,3.4L

INMG VI 08 14 15 25.8-1.3 36.82N 5.77W 18-2 3.0L,3.4L

SFS VI 08 14 15 25.0 36.76N 5.80W 10 3.0L,3.4L

CNRM VI 08 14 15 27.3 36.76N 5.95W 30 3.5,3.4L

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=3.0km s-min=2.4km az=40.4.

MDD Event type fe. Error ellipse: s-maj=2.9km s-min=1.5km az=46.0. EMS: III ARCOS DE LA FRONTERA. PRXIMO I BORNOS.

NEIC Event type fe. Felt [III] at Arcos de la Frontera, Spain. After MDD.

LDG Event type ke. Error ellipse: s-maj=3.9km s-min=2.1km az=19.0.

CSEM Event type ke. Error ellipse: s-maj=1.4km s-min=1.1km az=176.0.

INMG Event type ke. Error ellipse: s-maj=2.7km s-min=1.6km az=16.0.

(122) Near coast of northern Chile

GUC VI 08 14 19 24.8-83 26.09S 70.48W 56-8 3.5L 18650366

NEIC VI 08 14 19 24.8 26.09S 70.48W 56 3.5

GUC Error ellipse: s-maj=2.5km s-min=15.7km az=1.0.

NEIC Event type fe. Felt [IV] at Chanaral, [III] at Diego de Almagro and [II] at El Salvador. After GUC.

(137) San Juan Province

ISC VI 08 16 00 23.4-37 31.45S-03 68.83W-05 106-4 4.0b 51 1-172

ISCJB VI 08 16 00 23.3-38 31.45S-03 68.83W-06 111-4 4.0b 18463785

GUC VI 08 16 00 22.4-35 31.46S 69.15W 152-12 4.2L,3.7

ISC VI 08 16 00 22.4-1.1 31.46S 68.91W 99-6 4.1,3.9b

NEIC VI 08 16 00 22.4 31.46S 69.15W 152 4.0b,3.9b

BJI VI 08 16 00 27.4 31.50S 69.10W 151 4.2b,3.9b

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=7.8km s-min=4.8km az=178.4.

GUC Error ellipse: s-maj=1.0km s-min=13.7km az=-1.0.

ISC Error ellipse: s-maj=26.0km s-min=15.3km az=87.0.

NEIC Event type fe. Felt [III] in San Juan. After GUC.

(531) French Guiana

ISC VI 08 16 29 14.3-20 4.72N-04 51.85W-03 10 4.8b,4.4s 322 12-160

ISCJB VI 08 16 29 10.8-39 4.90N 52.01W 0 5.2L,4.7 18463786

MOS VI 08 16 29 12.0-1.1 4.72N 51.96W 10 5.1b,4.5s

ISCJB VI 08 16 29 12.1-21 4.73N-04 51.87W-03 10 4.8b,4.4s

HRVD VI 08 16 29 13.3-20 4.88N 51.96W 12 5.0W,4.4s

BJI VI 08 16 29 13.2 4.70N 51.90W 10 5.5b,4.8s

NEIC VI 08 16 29 13.3-21 4.66N 51.90W 10 5.1b,4.4s

ISC Event type fe.

ISC Error ellipse: s-maj=7.7km s-min=7.1km az=130.0.

MOS Error ellipse: s-maj=7.3km s-min=6.5km az=85.8.

ISCJB Event type fe. Error ellipse: s-maj=5.9km s-min=4.3km az=2.6.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s37,c52; Mantle waves: s78,c125; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_{rr}-1.18±11 M_{θθ}0.53±11; M_{φφ}0.65±12; M_{rr}1.03±27; M_{θθ}-4.21±08; M_{φφ}1.09±31; Best double couple: NP1:φ=273.00000°,λ=162.00000°,λ-162.00000°. NP2:φ=178.00000°,λ=19.00000°. Principal axes: T 4.8030,Plg1.0000°,AzM226.0000°; N-0.4680,Plg65.0000°,AzM317.0000°; P-4.3320,Plg25.0000°,AzM135.0000° M4.56700x10¹⁶

NEIC Event type fe. Error ellipse: s-maj=6.1km s-min=4.8km az=12.0. Felt [IV] at Remire-Montjoly and [IV] at Cayenne, Kourou and Matoury. Felt [III] at Paramaribo, Suriname. Felt at Roura and Saint-Laurent-du-Maroni. Also felt at Lelydorp, Suriname.

(228) Near east coast of eastern Honshu

ISC VI 08 21 07 19.7-47 35.34N-03 140.70E-05 36-4 4.2b,3.6s 78 0-148

NIED VI 08 21 07 00 35.40N 140.70E 38 4.3W,3.6s 10698840

ISCJB VI 08 21 07 15.2-86 35.41N 140.63E 0 4.2L,4.2

ISCJB VI 08 21 07 19.1-41 35.35N-03 140.67E-05 47-3 4.2b,3.6s

JMA VI 08 21 07 19.0-10 35.39N 140.67E 48-2 4.2,3.6s

BJI VI 08 21 07 21.3 35.50N 140.60E 41 4.7b,4.4b

NEIC VI 08 21 07 21.3-2.1 35.45N 140.59E 42-14 4.3b,4.4b

MOS VI 08 21 07 30.4-1.1 36.34N 139.96E 79 4.5b,4.4b

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=22.00000°,λ=116.00000°. NP2:φ=246.00000°,λ=53.00000°. M₂:85.0000°x10¹⁵

ISC Error ellipse: s-maj=29.7km s-min=16.0km az=72.0.

ISCJB Event type fe. Error ellipse: s-maj=1.1km s-min=5.4km az=172.7.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=260.00000°,λ=67.00000°. NP2:φ=54.00000°,λ=102.00000°. Principal axes: T Plg19.0000°,AzM153.0000°; N Plg11.0000°,AzM59.0000°; P Plg68.0000°,AzM302.0000°

NEIC Event type fe. Error ellipse: s-maj=22.9km s-min=18.0km az=54.0. Recorded [2 JMA] in Chiba Prefecture.

MOS Error ellipse: s-maj=14.1km s-min=8.2km az=123.0.

(43) Southern California

ISC VI 08 22 45 54.1-60 33.88N-02 116.79W-02 18-4 79 0-7

ISCJB VI 08 22 45 53.9-62 33.90N-03 116.77W-03 29-7 10665579

NEIC VI 08 22 45 54.8 33.92N 116.79W 19 3.8L

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=4.3km s-min=3.4km az=31.6.

NEIC Event type fe. Felt [III] at Banning, Cabazon, Cathedral City, Desert Hot Springs, Hemet, Idyllwild, Indian Wells, La Quinta, Menifee, Morongo Valley, Mountain Center, Palm Desert, Palm Springs, Rancho Mirage, San Jacinto, Thousand Palms, Winchester and Yucaipa; [II] at Indio, Redlands and Yuca Valley. Felt at Beaumont, Big Bear Lake, Coachella, Forest Falls, Highland, Joshua Tree, Laguna Beach, Lake Elsinore, Loma Linda, Perris, Rancho Cucamonga, Riverside, San Bernardino, Sun City and Temecula. After PAS.

(277) Jawa

ISC VI 09 01 06 45.7-66 7.97S-09 110.4E-10 10 3.7b 11 1-104

ISCJB VI 09 01 06 44.2-64 7.95S-09 110.50E-10 10 3.7b 10665582

NEIC VI 09 01 06 44.8-8.8 7.99S 110.19E 12-55 4.1b

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=17.8km s-min=7.1km az=91.2.

NEIC Event type fe. Error ellipse: s-maj=38.0km s-min=10.4km az=76.0. Felt [III] at Bantul.

(228) Near east coast of eastern Honshu

ISC VI 09 03 36 39.1-2.0 36.41N-07 141.1E-10 29-6 15 0-2

NIED VI 09 03 36 00 36.40N 141.00E 41 3.6W 18262094

ISCJB VI 09 03 36 39.2-1.9 36.41N-07 141.1E-10 32-6 3.6W

JMA VI 09 03 36 39.7-10 36.39N 141.02E 47-1 3.9

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=15.00000°,λ=82.00000°. NP2:φ=229.00000°,λ=123.00000°. M₂:85.0000°x10¹⁴

ISCJB Event type fe. Error ellipse: s-maj=18.3km s-min=7.5km az=67.5.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=232.00000°,λ=112.00000°. NP2:φ=29.00000°,λ=876.00000°,λ84.00000°. Principal axes: T Plg58.0000°,AzM292.0000°; N Plg5.0000°,AzM31.0000°; P Plg31.0000°,AzM124.0000°

(228) Near east coast of eastern Honshu

JMA VI 09 09 26 55.7-10 36.42N 140.66E 53-1 3.6 19814344

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=211.00000°,λ=824.00000°,λ95.00000°. NP2:φ=25.00000°,λ=866.00000°,λ88.00000°. Principal axes: T Plg69.0000°,AzM291.0000°; N Plg2.0000°,AzM26.0000°; P Plg21.0000°,AzM117.0000°

(227) Eastern Honshu

ISC VI 09 20 22 54.4-56 37.40N-03 140.84E-07 89-4 3.6b 34 0-61

NIED VI 09 20 22 00 37.40N 140.80E 89 3.6W 19262098

IDC VI 09 20 22 52.0-2.5 37.40N 141.29E 76-22 3.8,3.6

ISCJB VI 09 20 22 53.3-5.7 37.39N-04 140.85E-07 95-4 3.6b,3.6

JMA VI 09 20 22 54.9-10 37.42N 140.73E 87-1 3.5,3.6

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=184.00000°,λ=858.00000°,λ125.00000°. NP2:φ=310.00000°,λ=46.00000°,λ27.00000°. M₂:86.0000°x10¹⁴

IDC Error ellipse: s-maj=22.0km s-min=15.5km az=80.0.

ISCJB Event type fe. Error ellipse: s-maj=9.0km s-min=5.5km az=31.6.

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=293.00000°,λ=47.00000°,λ35.00000°. NP2:φ=177.00000°,λ=366.00000°,λ131.00000°. Principal axes: T Plg51.0000°,AzM135.0000°; N Plg37.0000°,AzM337.0000°; P Plg11.0000°,AzM239.0000°

(280) Banda Sea

ISC VI 09 22 53 34.2-1.5 7.20S-10 123.2E-20 585-25 4.3b 20 11-73

NEIC VI 09 22 53 33.8-1.1 7.18S 123.2E 580-17 4.8b 19221684

ISCJB VI 09 22 53 34.4-1.2 7.24S-09 123.2E-20 615-23 4.3b

IDC VI 09 22 53 34.3-1.7 7.17S 123.35E 589-24 4.6,3.7

ISC Event type fe.

NEIC Event type fe. Error ellipse: s-maj=16.3km s-min=8.4km az=71.0. Felt [III] at Denpasar and Sumbawabesar, Indonesia.

ISCJB Event type fe. Error ellipse: s-maj=24.5km s-min=12.3km az=147.3.

IDC Error ellipse: s-maj=30.7km s-min=11.2km az=78.0.

(377) Spain

ISC VI 10 06 18 42.9-16 42.46N-01 6.43W-02 10 3.8b,3.0s 569 1-72

ISCJB VI 10 06 18 41.1-17 42.49N-01 6.34W-02 10 3.8b,3.0s 18463836

CNRM VI 10 06 18 42.0 42.75N 6.82W 30 4.6,3.0s

MOS VI 10 06 18 42.6-1.0 42.57N 6.37W 18 4.1b,3.0s

IGIL VI 10 06 18 42.1 42.50N 6.30W 8 4.7L,3.0s

CSEM VI 10 06 18 44.2 42.42N 6.47W 10 4.7L,3.0s

LDG VI 10 06 18 44.8-08 42.50N 6.53W 10-0 4.8L,4.7

SFS VI 10 06 18 44.0 42.43N 6.74W 9 3.8L,4.7

MDD VI 10 06 18 44.8-21 42.45N 6.47W 11-0 4.5,4.7

NEIC VI 10 06 18 44.8 42.44N 6.47W 9 4.8L,4.7L

INMG VI 10 06 18 45.0-1.4 42.41N 6.44W 15-3 4.3L,3.9

SZGRF VI 10 06 18 46.8 43.26N 6.91W 10 2.9b,3.9

IDC VI 10 06 18 46.7-1.0 42.62N 5.48W 0 4.2L,4.0

STR VI 10 06 18 51.5-42 42.94N 5.80W 10-1 5.4L,4.0

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=2.5km s-min=1.5km az=90.8.

MOS Error ellipse: s-maj=6.1km s-min=3.3km az=136.3.

LDG Event type ke. Error ellipse: s-maj=2.0km s-min=1.3km az=131.0.

MDD Event type fe. Error ellipse: s-maj=2.6km s-min=1.8km az=150.0. EMS: IV-V CASTRILLO DE CABRERA MARRUBIO ODOLLO. PRXIMO IV AZADINOS BENUZA LA A IV LLAMAS DE CABRERA POBLADURA DE LA SIERRA IV PONTERRADA PUENTE DE DOMINGO FLORES IV SAN CLEMENTE DE VALDUEZA SAN CRISTOBAL DE VALDUEZA E IV SAN MIGUEL DE LAS AS TROBAJO DEL CAMINO IV VILLAMEJIL VILLANUEVA DE VALDUEZA IV VILLVERDE DE ABAJO III-IV ASTORGA LA OVEA III-IV SARIEGOS VALVERDE DE LA VIRGEN III A VEIGA CABELOS III CARBALLEDA DE VALDEORRAS III CASTROCONTRIGO LAS DULAS N III PUEBLA DE SANABRIA RIBADELADO III SAN ANDRS DEL RABANEDO TORNEROS DE LA A III VALLE DE FINOLLEDO VEGUELLINA DE RBIGO II-III LA VIRGEN DEL CAMINO MAIRE DE CASTRAPONCE II-III MONTEJOS DEL CAMINO NAVA II-III SANTIPEZ VE VIDRIALES VILLAFRANCA DEL BIERZO E II-III VILLAGUILLAMBRE II A A RUA S BARALLA II BECERRE LU, BENAVENTE CAMARZANA DE TEPA CANDS. O II CARBAJALES DE ALBA COLINDRES FABERO II FOLGOSO DO COUREL FRESNEDO N LA FRESNEDA. O II LUGO MIERES MOREA AVER A O INCIO II OVIEDO PALENCIA PIEDRAS BLANCAS POBOS DE TRIVES. OU II POLA DE LENA PRUVIA RIBADESELLA SALAMANCA II SALINAS VALLADOLID VEGADEO VENTA DE OS II VERIN ZAMORA

NEIC Event type fe. Felt [IV] at Castrillo de Cabrera, Marrubio and Odollo; [IV] at Astorga, Azadinos, Bembibre, Benuza, La Bana, La Baneza, Llamas de Cabrera, Pobladura de la Sierra, Ponterrada, Puente de Domingo Florez, San Clemente de Valdueza, San Cristobal de Valdueza, San Miguel de las Duenas, Sariegos, Trobajo del Camino, Valverde de la Virgen, Villamejil, Villanueva de Valdueza and Villaverde de Abajo; [III] at Cabealos, Carballeda, Castrocontrigo, Las Medulas, La Virgen del Camino, Leon, Maire del Castroponce, Montejos del Camino, Nava, Puebla de Sanabria, Ribadelago, San Andres del Rabanedo, Santibanez de Vidriales, Torneros de la Valderia, Valdeorras, Valle de Finolledo, Veguellina de Orbigo, Veiga, Villafraanca del Bierzo and Villaguillambre; [II] at Aviles, Baralla, Becerre, Benavente, Camarzana de Terra, Candas, Carbales de Alba, Colindres, Fabero, Folgoso, Fresnedo, Gijon, Incio, La Fresneda, Lugo, Mieres, Norena, Oviedo, Palencia, Piedras Blancas, Pola de Lena, Pruvia, Ribadesella, Rua, Salamanca, Salinas, Valladolid, Vegadeo, Venta de Banos, Verin and Zamora. After MDD.

INMG Event type ke. Error ellipse: s-maj=2.4km s-min=1.8km az=112.0.

SZGRF Spain.

IDC Error ellipse: s-maj=19.4km s-min=14.1km az=87.0.

STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.

(159) North Island

WEL VI 10 07 39 39.8-21 40.39S 176.72E 21-1 3.7L 10234936

WEL Event type fe. Error ellipse: s-maj=2.5km s-min=1.1km az=90.0. Felt in the Manawatu region, maximum reported intensity MM 3.

(274) Southern Sumatra

ISC VI 10 11 14 27.5-4.9 4.1S-10 102.4E-10 33-34 4.5b 38 8-146

IDC VI 10 11 14 21.4-1.1 4.23S 102.27E 0 4.3,4.2b 18855245

ISCJB VI 10 11 14 22.1-6.3 4.1S-10 102.4E-10 11-39 4.5b,4.2b

MOS VI 10 11 14 25.2-90 4.04S 102.39E 33 4.5b,4.2b

NEIC VI 10 11 14 26.6-50 4.16S 102.39E 30 4.8b,4.2b

ISC Event type fe.

IDC Error ellipse: s-maj=47.2km s-min=13.5km az=52.0.

ISCJB Event type fe. Error ellipse: s-maj=31.3km s-min=8.6km az=95.8.

MOS Error ellipse: s-maj=23.9km s-min=10.7km az=122.4.

NEIC Event type fe. Error ellipse: s-maj=19.5km s-min=6.4km az=49.0. Felt [II] at Bengkulu.

(163) Cook Strait

ISC VI 10 16 00 59.4-33 40.88S-03 174.60E-04 53-4 4.2b,3.5s 77 0-157

ISCJB VI 10 16 00 58.7-34 40.88S-03 174.60E-04 58-4 4.2b,3.5s 19221737

IDC VI 10 16 00 58.8-2.6 40.66S 174.56E 52-22 4.2,4.1

WEL VI 10 16 01 00.2-05 40.89S 174.60E 46-1 4.7L,4.1

NEIC VI 10 16 01 00.3 40.89S 174.60E 45 4.7L,4.5b

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=6.4km s-min=4.5km az=104.3.

IDC Error ellipse: s-maj=28.6km s-min=24.0km az=133.0.

WEL Event type fe. Error ellipse: s-maj=0.6km s-min=0.5km az=90.0. Felt from Wanganui to Marlborough, and from Nelson to Wairarapa, maximum, reported intensity MM 5.

NEIC Event type fe. Felt widely in the Wellington area. After WEL.

(122) Near coast of northern Chile

ISC VI 10 19 38 56.3-29 19.38S-05 70.07W-08 76 4.3b 63 3-167

ISCJB VI 10 19 38 54.3-29 19.34S-05 70.03W-07 74 4.3b 18474797

BJI VI 10 19 38 55.9 19.40S 70.00W 73 5.0s,4.9b

NEIC VI 10 19 38 56.0-31 19.37S 70.05W 74 4.4b,4.9b

IDC VI 10 19 38 57.4-1.9 19.47S 70.05W 86-18 4.3,4.1

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=10.9km s-min=4.9km az=128.6.

NEIC Event type fe. Error ellipse: s-maj=10.7km s-min=6.1km az=58.0. Felt [IV] at Huarua; [III] at Alto Hospicio, Arica, Camina, Cuya, Iquique, Mamina, Pica and Pisagua; [II] at Pozo Almonte.

IDC Error ellipse: s-maj=20.7km s-min=12.6km az=92.0.

(460) Wyoming

ISC VI 10 21 10 44.0-48 43.75N-03 105.12W-05 0 4.1b 59 2-68

ISCJB VI 10 21 10 42.5-48 43.75N-03 105.18W-05 0 4.1b 19221744

IDC VI 10 21 10 43.8-1.8 43.79N 105.51W 0 3.9b,3.9

NEIC VI 10 21 10 44.5-44 43.69N 105.16W 0 3.4L,3.9

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=5.3km s-min=4.1km az=56.5.

IDC Error ellipse: s-maj=55.4km s-min=8.2km az=149.0.

NEIC Event type fe. Error ellipse: s-maj=5.7km s-min=4.7km az=111.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.

(402) North Atlantic Ocean

ISC VI 11 00 24 31.0-16 14.19N-03 58.36W-01 10 4.7b,4.1s 425 2-152

SZGRF VI 11 00 24 25.8 12.78N 58.58W 33 4.9b,4.1s 18463869

BJI VI 11 00 24 28.7 14.20N 58.30W 10 5.2b,4.9s

ISCJB VI 11 00 24 28.8-16 14.20N-03 58.33W-01 10 4.7b,4.1s

Table with columns for station name, coordinates, and magnitude. Includes stations like LDG, MOS, IDC, NEIC, TRN, HRVD, SZGRF, and SCZGRF.

(160) Off east coast of North Island
ISC VI 11 03 02 48.6-1.3 38.69S-04 178.74E-09 26-8 3.6b 60 1-154
IDC VI 11 03 02 46.5-1.3 38.76S 178.48E 0 4.1,3.9
ISCJB VI 11 03 02 47.6-1.3 38.71S-04 178.8E-10 30-9 3.6b,3.9

(228) Near east coast of eastern Honshu
ISC VI 11 07 46 41.6-30 40.82N-03 141.28E-06 102-2 4.0b 74 0-71
NIED VI 11 07 46 40.0 40.80N 141.10E 86 3.9W
ISCJB VI 11 07 46 40.5-31 40.81N-03 141.27E-06 108-2 4.0b

(676) Northern Alaska
ISC VI 11 08 25 55.7-39 66.87N-03 147.46W-08 10 4.4s,4.2b 59 1-75
ISCJB VI 11 08 25 54.2-39 66.85N-04 147.38W-08 10 4.4s,4.2b
BJI VI 11 08 25 55.2 66.74N 148.27W 7 4.9b,4.8b

(478) Utah
ISC VI 11 10 01 51.6-22 40.26N-02 111.13W-02 10 2.7b 114 0-22
IDC VI 11 10 01 48.5-1.1 40.23N 110.94W 0 3.5,3.4
ISCJB VI 11 10 01 50.3-22 40.25N-02 111.12W-02 10 2.7b,3.4

(235) Kyushu
ISC VI 11 20 01 26.9-07 33.20N-01 131.25E-01 143 5.9b 1566 0-172
NIED VI 11 20 01 00 33.20N 131.40E 130 6.4W
BJI VI 11 20 01 21.6 32.87N 131.76E 139 6.5b,5.9b

ISC VI 11 20 01 26.4-09 33.13N 131.15E 140 6.3W,6.3W
HRVD VI 11 20 01 26.3-10 33.15N 131.34E 144-0 6.4W,6.3W
SZGRF VI 11 20 01 26.4 33.46N 132.45E 139 6.4b,6.3W
NIED Moment Tensor Solution. Best double couple: NP1:phi=43.00000°,delta=0.00000°,lambda=112.00000°.

(328) East of Lake Baykal
ISC VI 11 21 20 50.3-26 56.99N-03 118.33E-03 10 4.0s,3.9b 139 0-93
BJI VI 11 21 20 43.4 57.78N 119.27E 25 4.7b,4.4s
MOS VI 11 21 20 48.8-1.3 56.98N 118.33E 10 4.0b,4.4s

NEIC VI 11 21 20 50.3-54 57.01N 118.35E 10 4.0b,3.8b
ISC Event type fe.
MOS Error ellipse: s-maj=10.3km s-min=6.9km az=64.5. Felt (II) at Chara. Moment Tensor Solution.
ISCJB Event type fe. Error ellipse: s-maj=4.2km s-min=2.7km az=162.4.

(10) Unimak Island region
ISC VI 11 21 27 25.0-79 53.65N-07 163.63W-06 42-5 4.3b,4.2s 87 1-86
BJI VI 11 21 27 28.2 54.09N 163.14W 11 5.0b,4.6s
IDC VI 11 21 27 21.1-1.2 54.16N 164.04W 0 4.1,4.1

(115) Near coast of Peru
NEIC VI 11 21 35 55.4-1.7 12.83S 77.34W 35 4.4b,4.2L
NEIC Event type fe. Error ellipse: s-maj=29.2km s-min=13.9km az=209.0. Felt (III) at Callao and Lima
(224) Hokkaido region

ISC VI 11 23 04 19.6-29 41.50N-02 142.07E-04 72-2 4.6b 170 1-145
NIED VI 11 23 04 00 41.50N 142.10E 74 4.5W
BJI VI 11 23 04 17.8 41.50N 142.24E 92 4.8b,4.7b
ISCJB VI 11 23 04 18.6-29 41.49N-02 142.05E-04 78-2 4.6b,4.7b

(276) Sunda Strait
NEIC VI 11 23 43 42.6-2.5 5.61S 105.57E 208-22 4.1b
NEIC Event type fe. Error ellipse: s-maj=24.0km s-min=15.4km az=215.0. Felt (III) at Tanjungkarang-Telukbetung.

(224) Hokkaido region
ISC VI 12 07 51 33.7-37 42.74N-03 143.74E-05 106-2 3.9b 65 0-147
NIED VI 12 07 51 00 42.80N 143.70E 113 3.9W
MOS VI 12 07 51 32.3-96 42.72N 143.70E 107 4.1b
ISCJB VI 12 07 51 32.6-37 42.73N-03 143.74E-05 111-2 3.9b

(286) Flores region
ISC VI 12 15 56 43.6-1.1 8.30S-07 120.94E-08 58-13 4.4b,3.5s 49 1-80
MOS VI 12 15 56 39.1-1.3 8.12S 121.03E 33 4.6b,3.5s
ISCJB VI 12 15 56 42.2-1.2 8.27S-06 121.00E-08 63-13 4.4b,3.5s

(243) Taiwan region
ISC VI 12 16 14 40.0-68 22.14N-05 121.61E-05 128-5 4.1b 65 2-85
NIED VI 12 16 14 00 22.20N 121.80E 65 4.0W
ISCJB VI 12 16 14 38.4-73 22.10N-05 121.59E-05 129-6 4.1b
IDC VI 12 16 14 39.6-4.0 22.06N 121.55E 126-37 4.3,3.9b

(115) Near coast of Peru
ISC VI 12 16 31 33.4-1.4 16.75S-07 72.0W-10 65-10 4.0b 14 1-79
NEIC VI 12 16 31 27.3-3.9 16.65S 72.52W 45-20 4.3
ISCJB VI 12 16 31 31.8-1.3 16.78S-07 72.0W-10 73-9 4.0b
IDC VI 12 16 31 34.7-2.6 16.96S 72.12W 97-21 4.2,3.9b

(259) Mindanao
ISC VI 12 17 31 12.7-62 42.16N-04 144.14E-06 42-9 3.6b 44 1-148
NIED VI 12 17 31 00 42.20N 144.10E 32 3.7W
SKHL VI 12 17 31 10.8-20 41.98N 144.23E 61-5 4.9b
ISCJB VI 12 17 31 10.9-66 42.08N-04 144.20E-06 47-8 3.6b

IDC	VI	12 19 16 15.7-3.6	9.77N	125.56E	67-33	4.1,3.9				
NEIC	VI	12 19 16 17.3-1.7	9.71N	125.52E	81-15	4.6b,3.9				
ISC	Event type fe.									
MAN	Event type fe. F INTENSITY II - SURIGAO CITY.									
MOS	Error ellipse: s-maj=27.0km s-min=10.2km az=121.8.									
ISCJB	Event type fe. Error ellipse: s-maj=21.5km s-min=9.8km az=129.7.									
IDC	Error ellipse: s-maj=33.4km s-min=12.3km az=75.0.									
NEIC	Event type fe. Error ellipse: s-maj=18.3km s-min=9.2km az=68.0. Felt [II PIVS] at Surigao.									
(224) Hokkaido region										
ISC	VI	13 02 40 33.0-13	42.74N	-02 143.37E	-02 89	4.7b	569	0-156		
NIED	VI	13 02 40 00	42.70N	143.50E	77	4.7W			¶10698898	
MOS	VI	13 02 40 30.7-88	42.74N	143.36E	83	4.8b				
BJI	VI	13 02 40 30.5	42.96N	143.46E	85	4.8b,4.7b				
ISCJB	VI	13 02 40 31.2-13	42.69N	-02 143.40E	-02 87	4.7b,4.7b				
IDC	VI	13 02 40 32.1-48	42.68N	143.44E	89-3	4.9,4.6				
NEIC	VI	13 02 40 33.1	42.70N	143.42E	86	4.8b,4.7W				
JMA	VI	13 02 40 33.1-10	42.70N	143.42E	86-1	4.7,4.7W				
HRVD	VI	13 02 40 33.1-50	42.75N	143.51E	129-7	4.8W,4.7W				
SZGRF	VI	13 02 40 36.0	43.50N	144.37E	91	4.8b,4.7W				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=261.00000°,δ89.00000°,λ-119.00000°; NP2:φ=189.00000°,δ29.00000°,λ-3.00000°; M=1.34000×10 ¹⁶									
MOS	Error ellipse: s-maj=7.2km s-min=4.0km az=100.2.									
ISCJB	Event type fe. Error ellipse: s-maj=3.3km s-min=2.4km az=135.3.									
IDC	Error ellipse: s-maj=10.6km s-min=7.2km az=74.0.									
NEIC	Event type fe. Recorded [4 JMA] in the Kushiro area; [3 JMA] in south-central Hokkaido; [2 JMA] in eastern Hokkaido and in the Shizunai area; [1 JMA] in much of southern Hokkaido. Also recorded [1 JMA] in Amori and Iwate Prefectures, Honshu. After JMA. Moment Tensor Solution. M=1.30000×10 ¹⁶									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=174.00000°,δ15.00000°,λ0.00000°; NP2:φ=84.00000°,δ90.00000°,λ105.00000°. Principal axes: T P1g43.0000°,Azm8.0000°; N P1g15.0000°,Azm264.0000°; P P1g43.0000°,Azm160.0000°									
HRVD	Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s11c10; Mantle waves: s57 c75; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=0.41±.14 Mw=0.42±.14; M=1.63±.09; M=1.28±.12; M=0.46±.09; Best double couple: NP1:φ=192.00000°,δ39.00000°,λ12.00000°; NP2:φ=93.00000°,δ83.00000°,λ128.00000°. Principal axes: T 2.2890,Plg40.0000°,Azm38.0000°; N -0.2820,Plg38.0000°,Azm267.0000°; P -2.0080,Plg27.0000°,Azm153.0000°; M=2.14800×10 ¹⁶									
SZGRF	Hokkaido, Japan, region.									
(259) Mindanao										
ISC	VI	13 05 27 42.1-98	9.82N	-04 125.62E	-05 8-5	4.0b,3.5s	38	0-90		
IDC	VI	13 05 27 40.8-1.1	9.76N	125.49E	0	4.1,4.0			¶19221909	
ISCJB	VI	13 05 27 42.9-76	9.73N	-04 125.53E	-06 23-5	4.0b,3.5s				
MAN	VI	13 05 27 43.3	9.74N	125.47E	12	5.0L,4.0b				
NEIC	VI	13 05 27 46.0-52	9.77N	125.53E	35	4.3b,4.0b				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=102.9km s-min=15.1km az=69.0.									
ISCJB	Event type fe. Error ellipse: s-maj=11.1km s-min=5.5km az=116.9.									
MAN	Event type fe. F INTENSITY II - SURIGAO CITY.									
NEIC	Event type fe. Error ellipse: s-maj=38.0km s-min=8.1km az=71.0. Felt [II PIVS] at Surigao.									
(228) Near east coast of eastern Honshu										
ISC	VI	13 11 03 52.9-94	37.41N	-03 141.20E	-07 21-6	3.5b	41	0-74		
NIED	VI	13 11 03 00	37.40N	141.10E	23	3.5W			¶18855326	
ISCJB	VI	13 11 03 51.9-85	37.40N	-03 141.27E	-06 27-4	3.5b				
NEIC	VI	13 11 03 53.9	37.42N	141.11E	28	4.0				
IDC	VI	13 11 03 53.9-2.2	37.29N	141.53E	51-21	3.6,3.4L				
JMA	VI	13 11 03 53.8	37.42N	141.11E	28-1	3.9,3.4L				
MOS	VI	13 11 03 56.3-91	37.87N	140.72E	33	4.3b,3.4L				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=45.00000°,δ83.00000°,λ95.00000°; NP2:φ=190.00000°,δ8.00000°,λ55.00000°; M=2.18000×10 ¹⁴									
ISCJB	Event type fe. Error ellipse: s-maj=8.8km s-min=4.5km az=37.1.									
NEIC	Event type fe. Recorded [2 JMA] in Fukushima Prefecture. After JMA.									
IDC	Error ellipse: s-maj=20.7km s-min=13.2km az=109.0.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=254.00000°,δ10.00000°,λ113.00000°; NP2:φ=51.00000°,δ81.00000°,λ86.00000°. Principal axes: T P1g54.0000°,Azm316.0000°; N P1g4.0000°,Azm51.0000°; P P1g36.0000°,Azm144.0000°									
MOS	Error ellipse: s-maj=24.7km s-min=15.9km az=51.2.									
(97) Near coast of Venezuela										
ISC	VI	13 12 25 28.2-20	10.90N	-02 62.36W	-02 87-2	4.1b	139	0-160		
ISCJB	VI	13 12 25 27.0-20	10.90N	-02 62.37W	-02 95-2	4.1b			¶10698904	
FUNV	VI	13 12 25 27.2	10.88N	62.11W	67	5.0W				
IDC	VI	13 12 25 28.7-73	11.05N	62.45W	95-6	4.3,4.1				
NEIC	VI	13 12 25 28.2-23	10.89N	62.37W	93	4.4b,4.2				
TRN	VI	13 12 25 28.6	10.92N	62.38W	74	4.2,4.2				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=3.7km s-min=2.5km az=89.9.									
IDC	Error ellipse: s-maj=12.1km s-min=6.1km az=125.0.									
NEIC	Event type fe. Error ellipse: s-maj=4.6km s-min=3.7km az=137.0. Felt at Cocorite, Diego Martin, Maraval, Port-of-Spain and Saint Joseph, Trinidad.									
TRN	Event type fe. Felt [II & III] in Port of Spain and environs and Curepe.									
(391) Albania										
ISC	VI	13 14 15 39.6-34	40.26N	-01 19.94E	-01 1-2	4.5b,4.2s	736	0-123		
LDG	VI	13 14 15 37.1-25	40.36N	19.99E	10-0	5.0b,3.6s			¶10698905	
BJI	VI	13 14 15 37.6	40.22N	19.60E	28	4.9b,4.8s				
TIR	VI	13 14 15 38.8	40.24N	20.08E	0	4.8L,4.8s				
PDG	VI	13 14 15 38.9-1.0	40.28N	19.94E	2-2	4.8L,4.8s				
ATH	VI	13 14 15 38.3	40.27N	19.96E	10-1	4.8L,4.6				
ROM	VI	13 14 15 38.4-26	40.18N	20.14E	10-0	4.5L,4.6				
ISCJB	VI	13 14 15 38.9-29	40.28N	-01 19.92E	-01 10-2	4.5b,4.2s				
NEIC	VI	13 14 15 38.3	40.27N	19.96E	10	4.8L,4.5L				
MOS	VI	13 14 15 38.4-1.2	40.26N	19.85E	10	4.7b,4.0s				
THE	VI	13 14 15 39.6	40.26N	19.95E	10	4.6L,4.0s				
CSEM	VI	13 14 15 41.5	40.32N	19.93E	30	4.5L,4.0s				
HLW	VI	13 14 15 41.3	39.39N	18.40E	33	4.2b,4.0s				
IDC	VI	13 14 15 41.4-3.6	40.32N	19.94E	18-23	4.3,4.3				
ISC	Event type de.									
LDG	Event type ke. Error ellipse: s-maj=12.7km s-min=5.4km az=18.0.									
PDG	Error ellipse: s-maj=1.4km s-min=1.2km az=-1.0.									
ATH	Error ellipse: s-maj=2.4km s-min=2.5km az=-1.0.									
ROM	Event type ke. Error ellipse: s-maj=4.1km s-min=1.9km az=86.0.									
ISCJB	Event type de. Error ellipse: s-maj=1.9km s-min=1.3km az=54.6.									
NEIC	Event type de. One person slightly injured and at least 12 houses damaged at Tepelene. After ATH.									
MOS	Error ellipse: s-maj=3.1km s-min=2.3km az=109.4.									
IDC	Error ellipse: s-maj=10.6km s-min=9.0km az=83.0.									
(48) Baja California										
ISC	VI	13 15 29 51.4-41	31.82N	-03 116.31W	-02 10		51	0-9		
ISCJB	VI	13 15 29 50.4-38	31.82N	-03 116.28W	-02 10				¶18463961	
NEIC	VI	13 15 29 51.4	31.80N	116.27W	7	3.8L,3.6L				
ECX	VI	13 15 29 51.4-55	31.80N	116.28W	5-0	3.6L,3.6L				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=4.2km s-min=2.6km az=163.6.									
NEIC	Event type fe. Felt [III] at El Cajon and San Diego. Felt at Alpine, Boulevard, Campo, El Centro, Jamul, Lakeside, La Mesa and Santee, California. After ECX.									
ECX	Error ellipse: s-maj=1.8km s-min=1.4km az=-1.0. Moment Tensor Solution. NP1:φ=15.00000°,δ90.00000°,λ0.00000°									
(48) Baja California										
ISC	VI	13 15 30 21.7-48	31.84N	-03 116.33W	-02 4-3	4.0b,3.7s	114	0-123		
BJI	VI	13 15 30 18.7	31.82N	116.24W	8	5.1b,5.0s			¶19132649	
IDC	VI	13 15 30 19.8-3.1	31.63N	116.24W	0	4.2,4.2b				
ISCJB	VI	13 15 30 20.3-36	31.80N	-03 116.29W	-02 10	4.0b,3.7s				
ECX	VI	13 15 30 21.5-58	31.80N	116.28W	5-0	4.5L,4.3				
NEIC	VI	13 15 30 21.5	31.80N	116.27W	5	4.6L,4.5L				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=35.8km s-min=21.7km az=15.0.									
ISCJB	Event type fe. Error ellipse: s-maj=4.1km s-min=2.5km az=177.2.									

ECX	Error ellipse: s-maj=1.8km s-min=1.3km az=-1.0.									
NEIC	Event type fe. Felt [III] at El Cajon, La Jolla, San Diego and Torrance. Felt at Alpine, Boulevard, Chula Vista, Dulzura, El Centro, Jamul, Pine Valley, Ramona, Redondo Beach, Santa Monica, Spring Valley, Torrance and West Covina, California. After ECX.									
(122) Near coast of northern Chile										
GUC	VI	13 16 51 09.9-1.1	26.48S	70.47W	53-8	4.2L,4.1				
NEIC	VI	13 16 51 09.9	26.48S	70.47W	53	4.2,4.1			¶18650483	
GUC	Error ellipse: s-maj=5.6km s-min=22.7km az=-1.0.									
NEIC	Event type fe. Felt [IV] at Chancaral and [III] at Diego de Almagro. After GUC.									
(127) Chile-Argentina border region										
GUC	VI	13 18 22 11.5-67	35.03S	70.56W	18-4	3.9,3.8L				
NEIC	VI	13 18 22 11.5	35.03S	70.56W	18	3.8L,3.8L			¶18650485	
GUC	Error ellipse: s-maj=2.7km s-min=3.7km az=-1.0.									
NEIC	Event type fe. Felt [III] at Los Quenes and [II] at Curico. After GUC.									
(227) Eastern Honshu										
ISC	VI	13 22 11 15.1-71	36.05N	-05 139.91E	-06 47-8	3.9b	20	0-56		
NIED	VI	13 22 11 00	36.00N	139.90E	56	3.5W			¶19221926	
NEIC	VI	13 22 11 13.1-2.0	36.10N	140.16E	35	3.9b				
ISCJB	VI	13 22 11 14.1-75	36.05N	-05 139.93E	-06 55-7	3.9b				
JMA	VI	13 22 11 15.1-10	36.04N	139.92E	45-1	3.6				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=47.00000°,δ80.00000°,λ84.00000°; NP2:φ=259.00000°,δ12.00000°,λ121.00000°; M=1.68000×10 ¹⁴									
NEIC	Event type se. Error ellipse: s-maj=49.9km s-min=19.4km az=222.0.									
ISCJB	Event type fe. Error ellipse: s-maj=9.3km s-min=8.1km az=53.2.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=255.00000°,δ13.00000°,λ122.00000°; NP2:φ=42.00000°,δ79.00000°,λ83.00000°. Principal axes: T P1g55.0000°,Azm304.0000°; N P1g7.0000°,Azm44.0000°; P P1g34.0000°,Azm138.0000°									
(212) Bonin Islands region										
ISC	VI	14 01 24 30.8-39	27.15N	-03 141.45E	-08 127-4	4.4b	94	1-163		
NIED	VI	14 01 24 00	27.10N	141.50E	98	4.4W			¶10698911	
IDC	VI	14 01 24 28.7-98	27.12N	141.00E	103-9	4.3,4.0				
ISCJB	VI	14 01 24 29.4-41	27.09N	-03 141.32E	-07 126-4	4.4b,4.0				
JMA	VI	14 01 24 31.2-10	27.10N	141.53E	126	4.2,4.0				
MOS	VI	14 01 24 32.1-1.3	27.12N	140.94E	148	4.2b,4.0				
NEIC	VI	14 01 24 34.7-1.6	27.11N	141.15E	156-15	4.5b,4.3W				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=335.00000°,δ56.00000°,λ72.00000°; NP2:φ=185.00000°,δ38.00000°,λ115.00000°; M=3.98000×10 ¹⁵									
IDC	Error ellipse: s-maj=17.5km s-min=13.0km az=61.0.									
ISCJB	Event type fe. Error ellipse: s-maj=11.0km s-min=5.4km az=160.1.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=3.0km az=-1.0.									
MOS	Error ellipse: s-maj=20.3km s-min=7.5km az=101.4.									
NEIC	Event type fe. Error ellipse: s-maj=12.4km s-min=7.5km az=98.0. Recorded [1 JMA] on Chichi-jima. Moment Tensor Solution. M=4.00000×10 ¹⁵									
(92) Leeward Islands										
ISC	VI	14 02 27 18.9-61	16.05N	-02 61.13W	-05 16-3	3.8b	60	0-61		
IDC	VI	14 02 27 15.8-94	16.15N	61.01W	0	4.1,3.9			¶19221945	
TRN	VI	14 02 27 17.6	16.03N	61.20W	20	3.9,3.8				
ISCJB	VI	14 02 27 18.6-60	16.07N	-02 61.11W	-05 25-3	3.8b,3.8				
NEIC	VI	14 02 27 19.1	16.06N	61.20W	19	3.9b,3.8				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=31.4km s-min=12.4km az=79.0.									
TRN	Event type fe. Felt [II & III] in Guadeloupe.									
ISCJB	Event type fe. Error ellipse: s-maj=8.7km s-min=2.9km az=146.8.									
NEIC	Event type fe. Felt [III] on Guadeloupe. After FDF.									
(286) Flores region										
ISC	VI	14 02 35 19.7-3.1	8.4S	-10 122.1E	-20 35-31	4.1b	20	10-145		
ISCJB	VI	14 02 35 14.8-4.5	8.4S	-10 122.1E	-20	33-43	4.1b		¶19221947	
IDC	VI	14 02 35 14.6-78	8.40S	122.02E	0	4.3,4.2b				

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ₁139.00000°,δ70.00000°,λ54.00000°; NP2:φ₂24.00000°,δ41.00000°,λ149.00000°; M₀1.21000×10¹⁵
 Error ellipse: s-maj=15.1km s-min=7.9km az=83.1
 MOS Event type fe. Error ellipse: s-maj=5.5km s-min=3.8km az=86.0
 ISCJB Error ellipse: s-maj=17.2km s-min=11.2km az=115.0
 IDC Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ₁26.00000°,δ54.00000°,λ143.00000°; NP2:φ₂139.00000°,δ61.00000°,λ42.00000°. Principal axes: T P1g49.0000°; P P1g49.0000°; N P1g41.0000°; Azm168.0000°; P P1g4.0000°; Azm261.0000°
 JMA Event type fe. Error ellipse: s-maj=10.3km s-min=7.4km az=125.0. Recorded [3 JMA] in the Obihiro area and [1 JMA] in the Chitose area. Moment Tensor Solution. M₀1.20000×10¹⁵

(228) Near east coast of eastern Honshu
 JMA VI 14 16 58 12.5-10 36.44N 140.61E 55-1 3.8
 NIED VI 14 16 58 00 36.50N 140.60E 59 3.6W
 JMA Error ellipse: s-maj=15.7km s-min=8.3km az=133.3. Felt (III) at Kasumkent. Moment Tensor Solution.
 ISCJB Event type fe. Error ellipse: s-maj=9.4km s-min=5.7km az=130.9.
 IDC Error ellipse: s-maj=31.6km s-min=11.9km az=143.0.
 NEIC Event type fe. Error ellipse: s-maj=14.7km s-min=7.7km az=156.0. Felt (III) at Kasumkent.
 CSEM Event type ke. Error ellipse: s-maj=9.2km s-min=5.8km az=149.0.

(249) Luzon
 ISC VI 14 21 26 23.1-62 18.32N-05 120.77E-04 40-9 3.9b,3.3s 42 1-89
 MAN VI 14 21 26 18.1 18.53N 120.61E 14 4.9L,3.8b
 ISCJB VI 14 21 26 21.4-84 18.36N-05 120.73E-06 36-12 3.9b,3.3s
 BJI VI 14 21 26 24.5 18.10N 120.80E 113 4.1b,3.3s
 MOS VI 14 21 26 28.6-95 18.04N 120.58E 114 4.6b,3.3s
 IDC VI 14 21 26 30.1-3.2 18.02N 120.72E 112-30 3.9,3.7
 NEIC VI 14 21 26 30.1-1.7 18.07N 120.75E 113-18 4.6b,3.7

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=10.1km s-min=7.8km az=92.8.
 MOS Error ellipse: s-maj=27.5km s-min=13.7km az=102.9.
 IDC Error ellipse: s-maj=27.6km s-min=14.5km az=73.0.
 NEIC Event type fe. Error ellipse: s-maj=18.7km s-min=11.4km az=82.0. Felt (II PIVS) at Pasuquin.

(211) Southeast of Honshu
 ISC VI 14 22 23 49.9-43 33.30N-03 140.22E-07 97-3 4.0b 82 0-119
 ISCJB VI 14 22 23 49.0-45 33.30N-04 140.21E-07 103-3 4.0b
 IDC VI 14 22 23 49.3-1.5 33.26N 140.21E 92-8 4.0,3.8
 MOS VI 14 22 23 49.1-80 33.27N 140.04E 104 4.1b,3.8
 NEIC VI 14 22 23 50.8-1.7 33.35N 140.21E 103-14 4.1b,3.8
 JMA VI 14 22 23 51.1-1.0 33.38N 140.19E 90-1 3.8,3.8
 NIED VI 14 22 24 00 33.40N 140.20E 86 3.9W,3.8

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=9.4km s-min=5.8km az=154.8.
 IDC Error ellipse: s-maj=39.6km s-min=9.2km az=73.0.
 MOS Error ellipse: s-maj=28.2km s-min=9.2km az=114.8.
 NEIC Event type se. Error ellipse: s-maj=17.4km s-min=10.5km az=88.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 NIED Moment Tensor Solution. Best double couple: NP1:φ₁11.00000°,δ88.00000°,λ-55.00000°; NP2:φ₂104.00000°,δ35.00000°,λ-176.00000°; M₀8.29000×10¹⁴

(245) Northeast of Taiwan
 ISC VI 15 00 52 01.4-18 25.18N-03 123.97E-02 127-2 4.8b 306 1-166
 MOS VI 15 00 51 58.1-76 25.29N 123.90E 107 4.9b
 ISCJB VI 15 00 52 00.3-18 25.20N-03 123.95E-02 130-2 4.6b
 NIED VI 15 00 52 00 25.10N 123.90E 122 4.7W
 BJI VI 15 00 52 01.6 25.18N 124.07E 154 4.8b,4.7b
 HRVD VI 15 00 52 01.9-70 25.17N 123.72E 148-6 4.8W,4.7b
 IDC VI 15 00 52 01.5-84 25.23N 123.93E 130-7 4.7,4.4
 NEIC VI 15 00 52 01.9-19 25.21N 123.92E 132 4.8b,4.4
 JMA VI 15 00 52 02.2-20 25.11N 123.91E 121-3 4.6,4.4
 SZGRF VI 15 00 52 11.5 26.72N 122.45E 120 4.8b,4.4

ISC Event type fe.
 MOS Error ellipse: s-maj=11.7km s-min=4.7km az=123.9.
 ISCJB Event type fe. Error ellipse: s-maj=4.4km s-min=3.2km az=148.2.
 NIED Moment Tensor Solution. Best double couple: NP1:φ₁85.00000°,δ76.00000°,λ-128.00000°; NP2:φ₂337.00000°,δ40.00000°,λ-22.00000°; M₀1.13000×10¹⁶
 HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s8,c9; Mantle waves: s50,c69; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_r0.52±11 M₀0.49±14; M₀0.03±13; M₀-1.33±08; M₀-1.27±13; M₀-0.51±07; Best double couple: NP1:φ₁347.00000°,δ45.00000°,λ-17.00000°; NP2:φ₂89.00000°; δ78.00000°,λ-134.00000°. Principal axes: T 1.8170,Plg21.0000°; Azm210.0000°; N 0.2840,Plg42.0000°; Azm10.0000°; P -2.1010,Plg40.0000°; Azm319.0000°; M₀1.95900×10¹⁶

IDC Error ellipse: s-maj=14.8km s-min=10.4km az=63.0.
 NEIC Event type fe. Error ellipse: s-maj=5.5km s-min=5.0km az=62.0. Recorded [1 JMA] on Iriomote-jima and Tarama-shima, Ryukyu Islands.

JMA Event type fe. Error ellipse: s-maj=3.3km s-min=1.0km az=-1.0.
 SZGRF Taiwan region.

(266) Northern Molucca Sea
 ISC VI 15 04 28 01.6-15 1.47N-02 126.40E-03 22 5.5b,4.8s 378 5-168
 BJI VI 15 04 27 58.9 1.20N 126.45E 34 5.5b,5.3b
 ISCJB VI 15 04 27 59.7-15 1.48N-02 126.34E-03 21 5.5b,4.8s
 MOS VI 15 04 28 01.9-1.0 1.54N 126.24E 33 5.7b,4.7s
 IDC VI 15 04 28 02.2-1.6 1.41N 126.29E 31-11 5.3,5.1b
 HRVD VI 15 04 28 02.3-1.0 1.64N 126.45E 32-0 5.6W,5.1b
 NEIC VI 15 04 28 02.3-1.5 1.45N 126.30E 28-10 5.5b,5.4W

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=4.6km s-min=3.0km az=134.9.
 MOS Error ellipse: s-maj=9.5km s-min=4.8km az=111.7.
 IDC Error ellipse: s-maj=14.3km s-min=7.2km az=77.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s88,c150; Mantle waves: s89,c190; Half duration: 15s Moment tensor: Scale 10¹⁷Nm; M_r1.75±04 M₀0.03±03; M₀-1.78±04; M₀0.89±05; M₀-1.66±03; M₀-1.27±06; Best double couple: NP1:φ₁62.00000°,δ48.00000°,λ142.00000°; NP2:φ₂179.00000°; δ63.00000°,λ49.00000°. Principal axes: T 2.8880,Plg53.0000°; Azm39.0000°; N -0.0230,Plg36.0000°; Azm201.0000°; P -2.8650,Plg9.0000°; Azm297.0000°; M₀2.87700×10¹⁷

NEIC Event type fe. Error ellipse: s-maj=5.5km s-min=3.4km az=70.0. Felt (III) at Bitung and on Ternate; (II) at Manado, Indonesia. Moment Tensor Solution. s18 Moment tensor: Scale 10¹⁷ Nm; M_r0.95 M₀0.00 M₀-0.95 M₀0.66 M₀-1.14 M₀-0.55 Best double couple: NP1:φ₁180.00000°,δ60.00000°,λ40.00000°; NP2:φ₂67.00000°,δ56.00000°,λ143.00000°. Principal axes: T 1.7100,Plg48.0000°; Azm35.0000°; N 0.0000,Plg42.0000°; Azm211.0000°; P -1.7100,Plg2.0000°; Azm303.0000°; M₀1.70000×10¹⁷

(159) North Island
 ISC VI 15 07 54 41.2-32 38.63S-03 175.79E-06 170-3 4.2b 158 0-154
 ISCJB VI 15 07 54 40.2-32 38.63S-03 175.77E-06 176-3 4.2b
 IDC VI 15 07 54 40.7-36 38.20S 176.21E 178-5 4.4,4.0
 NEIC VI 15 07 54 41.5 38.51S 175.87E 169 4.8b,4.0
 WEL VI 15 07 54 41.6-19 38.51S 175.86E 167-1 5.5L,4.0
 MOS VI 15 07 54 47.0-2.6 38.55S 175.39E 213 4.0b,4.0

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=7.6km s-min=4.1km az=29.1.
 IDC Error ellipse: s-maj=24.7km s-min=16.5km az=36.0.
 NEIC Event type se. After WEL.
 WEL Event type fe. Error ellipse: s-maj=1.1km s-min=0.7km az=90.0. Felt from Gisborne to Wellington, maximum reported intensity MM 4.
 MOS Error ellipse: s-maj=33.6km s-min=23.6km az=128.5.

(39) Central California
 ISC VI 15 12 24 51.3-29 37.06N-01 121.52W-02 10-2 4.2b,4.0s 210 0-100
 ISCJB VI 15 12 24 50.5-38 37.07N-01 121.51W-02 11-3 4.2b,4.0s
 BJI VI 15 12 24 50.1 37.10N 121.50W 5 5.1b,5.0s
 IDC VI 15 12 24 51.4-1.9 37.00N 121.36W 0 4.0,3.9
 NEIC VI 15 12 24 51.1 37.10N 121.49W 3 4.7L,4.5b
 MOS VI 15 12 24 52.9-1.6 37.03N 121.27W 10 5.0b,4.5b

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=2.9km s-min=1.9km az=97.7.
 IDC Error ellipse: s-maj=27.2km s-min=13.6km az=6.0.

NEIC Event type fe. Felt (IV) at Gilroy, La Honda, Morgan Hill, San Juan Bautista and San Martin; (III) at Albany, Aptos, Aromas, Belmont, Belvedere-Tiburon, Ben Lomond, Big Sur, Boulder Creek, Brisbane, Burlingame, Campbell, Carmel, Carmel Valley, Castro Valley, Cupertino, Daly City, Danville, Emeryville, Felton, Fremont, Gustine, Hayward, Hollister, Los Altos, Los Banos, Los Gatos, Menlo Park, Mill Valley, Millbrae, Milpitas, Mountain View, Newark, Oakland, Palo Alto, Pebble Beach, Pescadero, Portola Valley, Redwood City, San Bruno, San Francisco, San Jose, San Leandro, San Lorenzo, San Mateo, San Rafael, Santa Clara, Santa Cruz, Scotts Valley, Soquel, South San Francisco, Stanford, Sunnyvale, Union City and Watsonville; (II) at Alameda, Atherton, Benicia, Berkeley, Capitola, Concord, Corte Madera, Dublin, Fairfax, Half Moon Bay, Lafayette, Larkspur, Livermore, Marina, Martinez, Modesto, Monterey, Moraga, Moss Beach, Newman, Novato, Pacific Grove, Pacifica, Patterson, Pleasanton, Salinas, San Anselmo, San Carlos, San Ramon, San Saratoga, Seaside and Walnut Creek. After NCEDC. Moment Tensor Solution. M₀4.20000×10¹⁵
 Error ellipse: s-maj=23.9km s-min=12.5km az=165.1.

(337) Eastern Caucasus
 ISC VI 15 17 39 16.4-1.0 41.78N-05 48.36E-05 5-7 3.7b 52 1-41
 MOS VI 15 17 39 14.7-3.2 41.78N 48.71E 44 4.4b
 ISCJB VI 15 17 39 15.7-1.1 41.74N-05 48.46E-05 18-9 3.7b
 IDC VI 15 17 39 15.9-1.3 41.78N 48.01E 0 0,9b,3.9
 NEIC VI 15 17 39 17.5-67 41.88N 48.10E 10 3.6b,3.9
 CSEM VI 15 17 39 18.5-34 41.60N 48.13E 40 4.4b,3.9

ISC Event type fe.
 MOS Event type fe. Error ellipse: s-maj=15.7km s-min=8.3km az=133.3. Felt (III) at Kasumkent. Moment Tensor Solution.
 ISCJB Event type fe. Error ellipse: s-maj=9.4km s-min=5.7km az=130.9.
 IDC Error ellipse: s-maj=31.6km s-min=11.9km az=143.0.
 NEIC Event type fe. Error ellipse: s-maj=14.7km s-min=7.7km az=156.0. Felt (III) at Kasumkent.
 CSEM Event type ke. Error ellipse: s-maj=9.2km s-min=5.8km az=149.0.

(460) Wyoming
 ISC VI 15 18 01 01.6-59 43.74N-05 105.18W-07 0 4.5b 24 1-61
 IDC VI 15 18 01 59.0-2.1 43.42N 105.27W 0 4.3b,4.2
 ISCJB VI 15 18 01 00.3-65 43.77N-04 105.22W-07 0 4.5b,4.2
 NEIC VI 15 18 01 01.6-50 43.72N 105.19W 0 3.2L,4.2

ISC Event type fm.
 IDC Error ellipse: s-maj=51.5km s-min=8.2km az=154.0.
 ISCJB Event type fm. Error ellipse: s-maj=7.7km s-min=6.4km az=5.6.
 NEIC Event type fm. Error ellipse: s-maj=7.1km s-min=6.0km az=150.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.

(259) Mindanao
 ISC VI 15 19 24 36.8-39 7.88N-03 122.20E-03 40-4 4.8b,4.2s 173 0-167
 IDC VI 15 19 24 30.6-47 7.80N 122.13E 0 4.7,4.7
 MAN VI 15 19 24 33.0 7.83N 122.04E 26 5.3L,4.4b
 ISCJB VI 15 19 24 34.8-44 7.84N-03 122.16E-03 39-4 4.8b,4.2s
 MOS VI 15 19 24 34.1-92 7.90N 122.24E 33 4.9b,4.2s
 BJI VI 15 19 24 35.7 7.66N 122.18E 56 4.9b,4.6s
 NEIC VI 15 19 24 36.8-21 7.82N 122.15E 42 5.0b,4.6s

ISC Event type fe.
 IDC Error ellipse: s-maj=24.0km s-min=11.3km az=67.0.
 ISCJB Event type fe. Error ellipse: s-maj=5.5km s-min=5.1km s-min=4.3km az=99.6.
 MOS Error ellipse: s-maj=14.7km s-min=6.6km az=119.5.
 NEIC Event type fe. Error ellipse: s-maj=6.5km s-min=4.5km az=57.0. Felt (V PIVS) at Siocon, (IV PIVS) at Zamboanga and (III PIVS) at Ipi and Pagadian.

(98) Trinidad
 ISC VI 15 21 34 18.2-25 10.71N-02 62.43W-02 89-3 4.0b 91 0-88
 ISCJB VI 15 21 34 17.0-25 10.71N-02 62.44W-02 98-2 4.0b
 FUNV VI 15 21 34 17.7 10.73N 62.30W 87 4.0W
 IDC VI 15 21 34 18.3-1.4 10.82N 62.54W 97-14 4.2,3.9
 TRN VI 15 21 34 19.5 10.70N 61.80W 124 3.9,3.9
 NEIC VI 15 21 34 19.6 10.69N 61.93W 116 4.1b,3.9

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=4.4km s-min=3.0km az=75.3.
 IDC Error ellipse: s-maj=18.8km s-min=9.0km az=126.0.
 TRN Event type fe. Felt in Carénage.
 NEIC Event type fe. Felt at Port-of-Spain, Trinidad. After TRN.

(163) Cook Strait
 WEL VI 15 23 15 38.6-10 41.61S 174.34E 12-1 4.0L
 NEIC VI 15 23 15 38.6 41.59S 174.34E 8 4.0L
 WEL Event type fe. Error ellipse: s-maj=0.9km s-min=0.9km az=0.0. Felt in the Wellington region, maximum reported intensity MM 3.

NEIC Event type se. After WEL.
(512) North Carolina
 NEIC VI 16 00 57 27.7 35.52N 83.23W 5 3.1
 Felt (IV) at Cherokee and Whittier; (III) at Bryson City, Cashiers, Cullowhee, Franklin, Highlands, Lake Junaluska, Maggie Valley, Sylva and Waynesville; (II) at Topton and Weaverville. Felt at Knoxville, Sevierville and White Pine, Tennessee. Also felt at Easley and Toccoa, South Carolina. After B.L.A.

(265) Minahassa Peninsula, Sulawesi
 ISC VI 16 02 56 17.9-15 1.21N-02 121.88E-03 32 5.7b,5.3s 464 5-171
 SZGRF VI 16 02 56 10.7 0.25S 122.55E 31 5.4b,5.3s
 IDC VI 16 02 56 15.4-1.9 1.19N 121.86E 16-11 5.8L,5.5
 ISCJB VI 16 02 56 15.8-1.5 1.25N-02 121.86E-03 30 5.6b,5.3s
 BJI VI 16 02 56 15.8 0.88N 122.05E 50 5.9b,5.6b
 MOS VI 16 02 56 16.8-1.0 1.32N 121.82E 33 5.8b,5.3s
 NEIC VI 16 02 56 17.0-1.3 1.28N 121.80E 26 5.6W,5.5b
 HRVD VI 16 02 56 17.0-1.0 1.26N 121.81E 30-0 5.5W,5.5b

ISC Event type fe.
 SZGRF Minahassa Peninsula, Sulawesi, Indonesia.
 IDC Error ellipse: s-maj=13.9km s-min=8.2km az=65.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.9km s-min=3.0km az=177.7.
 MOS Error ellipse: s-maj=9.1km s-min=4.2km az=115.1.
 NEIC Event type fe. Error ellipse: s-maj=5.8km s-min=3.9km az=65.0. Felt (III) at Gorontalo. Moment Tensor Solution. s21 Moment tensor: Scale 10¹⁷Nm; M_r-2.45 M₀1.13 M₀1.32 M₀-1.33 M₀1.23 M₀-0.88 Best double couple: NP1:φ₁50.00000°,δ62.00000°,λ-83.00000°; NP2:φ₂216.00000°,δ29.00000°,λ-103.00000°. Principal axes: T 2.9200,Plg16.0000°; Azm135.0000°; N 0.0300,Plg6.0000°; Azm227.0000°; P -2.9400,Plg73.0000°; Azm337.0000°; M₀2.90000×10¹⁷

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s88,c152; Mantle waves: s105,c226; Half duration: 15s Moment tensor: Scale 10¹⁷Nm; M_r-1.90±04 M₀1.80±03; M₀0.10±03; M₀-1.27±04; M₀0.43±02; M₀-0.64±05; Best double couple: NP1:φ₁264.00000°,δ27.00000°,λ-76.00000°; NP2:φ₂69.00000°; δ63.00000°,λ-97.00000°. Principal axes: T 2.3590,Plg18.0000°; Azm164.0000°; N 0.0330,Plg6.0000°; Azm72.0000°; P -2.3910,Plg71.0000°; Azm323.0000°; M₀2.37500×10¹⁷

(163) Cook Strait
 WEL VI 16 05 26 46.0-08 41.60S 174.34E 10-1 4.1L
 BJI VI 16 05 26 40.7 42.39S 175.01E 11 5.0L,5.1b
 VI 16 05 26 45.9 41.61S 174.34E 11 4.0L,5.1b
 WEL Event type fe. Error ellipse: s-maj=0.6km s-min=0.6km az=0.0. Felt in the Wellington region, maximum reported intensity MM 4.

NEIC Event type se. After WEL.
(2) Southern Alaska
 NEIC VI 16 05 33 56.0 60.04N 152.56W 102 3.1
 Felt at Homer. After AEIC.

(265) Minahassa Peninsula, Sulawesi
 ISC VI 16 05 35 55.1-16 1.22N-02 121.92E-03 36 5.3b,5.0s 328 3-171
 IDC VI 16 05 35 49.4-35 1.24N 121.76E 0 5.3L,5.1b
 BJI VI 16 05 35 49.4 0.82N 122.06E 34 5.6b,5.3b
 ISCJB VI 16 05 35 53.0-16 1.26N-02 121.91E-03 34 5.3b,5.0s
 MOS VI 16 05 35 53.1-1.0 1.30N 121.86E 33 5.6b,4.9s
 HRVD VI 16 05 35 54.6-2.0 1.28N 121.86E 30-0 5.3W,4.4s
 NEIC VI 16 05 35 54.6-1.5 1.24N 121.82E 34 5.4W,5.3b

ISC Event type fe.
 IDC Error ellipse: s-maj=16.3km s-min=9.6km az=67.0.
 ISCJB Event type fe. Error ellipse: s-maj=4.0km s-min=3.0km az=173.9.
 MOS Error ellipse: s-maj=10.4km s-min=5.0km az=111.2.
 HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s84,c141; Mantle waves: s99,c157; Half duration: 15s Moment tensor: Scale 10¹⁷Nm; M_r-1.11±03 M₀0.79±02; M₀0.32±02; M₀-0.68±02; M₀0.31±01; M₀-0.20±03;

Best double couple: NP1:φ240.00000°,δ28.00000°,λ-98.00000°; NP2:φ69.00000°...

NEIC Event type fe. Error ellipse: s-maj=6.2km s-min=3.9km az=65.0. Felt [III] at Gorontalo.

Table with columns: Station, Azimuth, Distance, Magnitude, etc. for stations like ISC, NIED, JMA, etc.

(228) Near east coast of eastern Honshu. Moment Tensor Solution. Best double couple: NP1:φ346.00000°,δ69.00000°...

Table with columns: Station, Azimuth, Distance, Magnitude, etc. for stations like ISC, NIED, JMA, etc.

(229) Off east coast of Honshu, Japan. Error ellipse: s-maj=20.1km s-min=6.5km az=79.0.

Table with columns: Station, Azimuth, Distance, Magnitude, etc. for stations like ISC, NIED, JMA, etc.

(227) Eastern Honshu. Moment Tensor Solution. Best double couple: NP1:φ40.00000°,δ76.00000°...

Table with columns: Station, Azimuth, Distance, Magnitude, etc. for stations like ISC, NIED, JMA, etc.

(229) Off east coast of Honshu. Error ellipse: s-maj=20.3km s-min=6.5km az=76.0.

Table with columns: Station, Azimuth, Distance, Magnitude, etc. for stations like ISC, NIED, JMA, etc.

NEIC Event type fe. Error ellipse: s-maj=3.6km s-min=2.4km az=163.0. Felt [II] at Misawa.

MOS Error ellipse: s-maj=6.9km s-min=3.4km az=111.8.

Table with columns: Station, Azimuth, Distance, Magnitude, etc. for stations like ISC, NIED, JMA, etc.

(663) Sea of Okhotsk. Moment Tensor Solution. Best double couple: NP1:φ40.00000°,δ66.00000°...

Table with columns: Station, Azimuth, Distance, Magnitude, etc. for stations like ISC, NIED, JMA, etc.

NEIC Event type fe. Error ellipse: s-maj=8.7km s-min=4.9km az=57.1.

JMA Event type fe. Error ellipse: s-maj=3.3km s-min=3.8km az=-1.0.

BGS (229) Off east coast of Honshu. Error ellipse: s-maj=7.1km s-min=3.6km az=111.9.

Table with columns: Station, Azimuth, Distance, Magnitude, etc. for stations like ISC, NIED, JMA, etc.

NEIC Event type fe. Error ellipse: s-maj=3.7km s-min=2.5km az=162.0.

SZGRF Off east coast of Honshu, Japan. Error ellipse: s-maj=150.3km s-min=391.3km az=-1.0.

Table with columns: Station, Azimuth, Distance, Magnitude, etc. for stations like ISC, NIED, JMA, etc.

(5) Near Islands. Error ellipse: s-maj=13.5km s-min=7.6km az=159.8.

Table with columns: Station, Azimuth, Distance, Magnitude, etc. for stations like ISC, NIED, JMA, etc.

(116) Central Peru. Error ellipse: s-maj=24.1km s-min=8.3km az=106.3.

Table with columns: Station, Azimuth, Distance, Magnitude, etc. for stations like ISC, NIED, JMA, etc.

(244) Taiwan. Error ellipse: s-maj=19.3km s-min=11.3km az=92.0.

Table with columns: Station, Azimuth, Distance, Magnitude, etc. for stations like ISC, NIED, JMA, etc.

(227) Eastern Honshu. Error ellipse: s-maj=9.6km s-min=5.0km az=109.8.

Table with columns: Station, Azimuth, Distance, Magnitude, etc. for stations like JMA, NIED, etc.

(228) Near east coast of eastern Honshu. Error ellipse: s-maj=11.3km s-min=6.6km az=98.0.

Table with columns: Station, Azimuth, Distance, Magnitude, etc. for stations like ISC, NIED, JMA, etc.

NEIC Event type fe. Error ellipse: s-maj=8.7km s-min=4.9km az=57.1.

NEIC Event type fe. Error ellipse: s-maj=33.0km s-min=13.0km az=99.0. Recorded [1 JMA] in Aomori and Iwate Prefectures.

(91) Virgin Islands

ISC VI 17 10 42 14.6-76 19.23N-02 64.75W-02 2-4 4.3b,3.8s 216 1-162
 TRN VI 17 10 42 12.2 19.16N 64.77W 3 4.6,4.3 \uparrow 18474914
 RSPR VI 17 10 42 13.6 19.11N 64.42W 101-3 4.2,4.2
 ISCJB VI 17 10 42 16.9-16 19.21N-02 64.72W-02 33 4.3b,3.8s
 NEIC VI 17 10 42 19.6-39 18.99N 64.79W 50-5 4.6b,4.3
 IDC VI 17 10 42 21.2-1.6 19.00N 64.82W 70-15 4.2,4.0

ISC Event type fe.
 RSPR Event type ke.
 ISCJB Event type fe. Error ellipse: s-maj=3.4km s-min=2.4km az=94.7.
 NEIC Event type fe. Error ellipse: s-maj=5.8km s-min=3.1km az=202.0. Felt on Saint Croix and Saint Thomas.

IDC Error ellipse: s-maj=13.5km s-min=11.5km az=46.0.

(706) Northern Sumatra

ISC VI 17 10 44 01.2-25 1.87N-04 97.76E-04 16 4.8b,4.0s 165 1-146
 ISCJB VI 17 10 43 58.8-25 1.84N-04 97.77E-04 15 4.8b,4.0s \uparrow 10698979
 BJI VI 17 10 43 58.7 1.94N 97.74E 12 4.8b,4.7b
 NEIC VI 17 10 44 00.6-24 1.86N 97.77E 16 4.9b,4.7b
 MOS VI 17 10 44 01.5-95 2.00N 97.91E 33 5.1b,4.7b
 IDC VI 17 10 44 07.7-1.8 1.98N 98.00E 71-15 4.7,4.4

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=6.2km s-min=4.7km az=96.0.
 NEIC Event type fe. Error ellipse: s-maj=7.5km s-min=5.2km az=224.0. Felt [II] at Sibolga, Sumatra.

MOS Error ellipse: s-maj=12.2km s-min=6.7km az=114.6.
 IDC Error ellipse: s-maj=16.2km s-min=9.0km az=49.0.

(224) Hokkaido region

ISC VI 17 10 46 32.1-71 42.86N-05 145.54E-07 40-6 4.3b,4.1s 53 1-78
 NIED VI 17 10 46 00 42.90N 145.50E 32 4.0W,4.1s \uparrow 10698980
 MOS VI 17 10 46 29.8-92 42.73N 145.65E 48 4.8b,4.1s
 ISCJB VI 17 10 46 30.4-81 42.79N-05 145.58E-07 44-6 4.3b,4.1s
 JMA VI 17 10 46 32.7-10 42.90N 145.48E 44-1 3.8,4.1s
 NEIC VI 17 10 46 32.8 42.90N 145.48E 44 4.5b,4.0W
 SKHL VI 17 10 46 33.4-30 43.00N 145.50E 33-0 4.8b,4.0W
 IDC VI 17 10 46 33.7-3.3 42.76N 145.45E 55-30 4.2,4.1

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1: ϕ :30.00000°, δ :60.00000°, λ :73.00000°. NP2: ϕ :241.00000°, δ :34.00000°, λ :117.00000°. M₀:1.32000×10¹⁵
 Error ellipse: s-maj=15.6km s-min=10.1km az=86.9.

MOS Event type fe. Error ellipse: s-maj=11.1km s-min=5.6km az=83.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=1.0.
 NEIC Event type se. After JMA. Moment Tensor Solution. M₀:1.30000×10¹⁵
 IDC Error ellipse: s-maj=39.6km s-min=27.5km az=177.0.

(456) Montana

ISC VI 17 16 22 14.4-20 45.75N-02 111.77W-02 10 3.8b 151 0-121
 ISCJB VI 17 16 22 13.1-21 45.74N-02 111.85W-02 10 3.8b \uparrow 18495557
 IDC VI 17 16 22 13.1-72 45.67N 111.89W 0 3.9,3.8
 NEIC VI 17 16 22 13.5 45.60N 111.91W 11 3.9b,3.8L

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=2.5km s-min=2.1km az=116.3.
 IDC Error ellipse: s-maj=14.2km s-min=9.7km az=81.0.
 NEIC Event type fe. Felt [IV] at Harrison, [III] at Pony and [II] at Livingston. Felt at Anaconda, Bozeman, Butte, Cardwell, Ennis, Gallatin Gateway, Helena, Manhattan, Sheridan, Virginia City and Whitehall. After BUT. Moment Tensor Solution. M₀:6.20000×10¹⁴

(228) Near east coast of eastern Honshu

ISC VI 17 20 30 09.6-82 40.38N-04 142.0E-10 57-6 3.5b 25 0-271
 NIED VI 17 20 30 00 40.40N 142.10E 65 3.7W \uparrow 19222179
 ISCJB VI 17 20 30 08.5-82 40.38N-04 142.0E-10 62-6 3.5b
 NEIC VI 17 20 30 09.2 40.35N 142.08E 50 3.7
 JMA VI 17 20 30 09.1-10 40.35N 142.08E 50-1 3.7
 IDC VI 17 20 30 11.0-3.4 40.42N 142.03E 74-20 3.6,3.4b

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1: ϕ :84.00000°, δ :65.00000°, λ :127.00000°. NP2: ϕ :204.00000°, δ :43.00000°, λ :38.00000°. M₀:4.32000×10¹⁴
 Event type fe. Error ellipse: s-maj=13.9km s-min=6.4km az=13.4.

ISCJB Event type se. After JMA.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=1.0.
 IDC Error ellipse: s-maj=63.7km s-min=17.5km az=112.0.

(159) North Island

ISC VI 18 02 06 03.1-34 38.71S-04 175.82E-05 163-2 3.8b 151 0-154
 ISCJB VI 18 02 06 02.4-34 38.71S-04 175.79E-05 165-2 3.8b \uparrow 18495570
 NEIC VI 18 02 06 02.8-27 38.71S 175.80E 164-2 4.1b
 IDC VI 18 02 06 03.2-48 38.22S 176.22E 170-6 3.9,3.6
 BJI VI 18 02 06 04.5 39.64S 175.69E 181 4.6b,3.6
 WEL VI 18 02 06 04.3-18 38.56S 175.85E 151-1 4.9L,3.6

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=7.7km s-min=5.0km az=65.4.
 NEIC Event type fe. Error ellipse: s-maj=8.7km s-min=4.4km az=123.0. Felt at Waipawa and Whakatane.

IDC Error ellipse: s-maj=30.9km s-min=18.8km az=32.0.
 WEL Event type fe. Error ellipse: s-maj=1.2km s-min=1.0km az=90.0. Felt from Bay of Plenty to Hawke's Bay, maximum reported intensity MM 3.

(127) Chile-Argentina border region

ISC VI 18 03 45 06.5-27 34.32S-03 70.52W-05 109-2 4.1b 109 0-161
 BJI VI 18 03 45 04.4 34.67S 69.82W 107 4.4b \uparrow 18495576
 ISCJB VI 18 03 45 05.5-27 34.32S-03 70.50W-06 114-2 4.1b
 GUC VI 18 03 45 06.3-91 34.31S 70.54W 107-4 4.6L
 IDC VI 18 03 45 06.6-1.8 34.27S 70.42W 110-16 4.0,3.7b
 NEIC VI 18 03 45 06.3-19 34.31S 70.47W 108-1 4.1b,3.7b

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=7.9km s-min=3.8km az=36.4.
 GUC Error ellipse: s-maj=2.0km s-min=4.9km az=1.0.
 IDC Error ellipse: s-maj=25.4km s-min=12.0km az=101.0.
 NEIC Event type fe. Error ellipse: s-maj=5.6km s-min=3.3km az=98.0. Felt [III] at Santiago; [II] at Illapel, Rancagua and San Antonio.

(162) South Island

WEL VI 18 12 06 27.5-29 44.47S 167.45E 12 4.6L
 NEIC VI 18 12 06 27.5 44.47S 167.44E 12 4.7L \uparrow 18495586

WEL Event type fe. Error ellipse: s-maj=2.6km s-min=1.7km az=90.0. Felt from Otago to Fiordland, maximum reported intensity MM 4.
 NEIC Event type fe. Felt at Te Anau. After WEL.

(232) Western Honshu

ISC VI 18 19 30 02.1-54 34.21N-04 136.37E-04 33-3 21 0-3
 ISCJB VI 18 19 30 02.0-57 34.22N-04 136.38E-04 35-8 \uparrow 19817285
 JMA VI 18 19 30 02.1 34.24N 136.36E 37 3.6

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=7.6km s-min=4.5km az=131.3.
 JMA Event type fe. Moment Tensor Solution. Broadband full plane solution: P waves. NP1: ϕ :122.00000°, δ :51.00000°, λ :156.00000°. NP2: ϕ :227.00000°, δ :72.00000°, λ :42.00000°. Principal axes: T Plg42.0000°, Azm92.0000°; N Plg45.0000°, Azm247.0000°; P Plg13.0000°, Azm350.0000°

(2) Southern Alaska

ISC VI 18 19 53 24.7-32 62.11N-02 150.49W-05 60-3 4.6b,4.4s 397 1-165
 SZGRF VI 18 19 53 11.5 60.08N 150.42W 33 4.4b,4.4s \uparrow 10699004
 BJI VI 18 19 53 21.0 62.16N 150.49W 50 5.1b,4.9b
 MOS VI 18 19 53 22.6-90 62.15N 150.44W 55 4.8b,4.9b
 ISCJB VI 18 19 53 23.6-32 62.07N-02 150.55W-05 64-2 4.6b,4.9b
 IDC VI 18 19 53 25.8-57 62.10N 150.53W 68-4 4.3,4.2
 NEIC VI 18 19 53 25.9 61.93N 150.43W 61 4.9L,4.7L

ISC Event type fe.
 SZGRF Kenai Peninsula, Alaska, United States.
 MOS Error ellipse: s-maj=11.7km s-min=4.7km az=96.1.
 ISCJB Event type fe. Error ellipse: s-maj=4.4km s-min=2.6km az=95.0.
 IDC Error ellipse: s-maj=16.6km s-min=10.4km az=27.0.
 NEIC Event type fe. Felt [III] at Anchorage, Chugiak, Eagle River, Palmer, Talkeetna, Wasilla and Willow. Felt at Cantwell, Elmendorf AFB and Trapper Creek. After AEIC.

(2) Southern Alaska

ISC VI 19 03 05 17.1-28 60.22N-03 153.00W-05 124-2 4.5b 259 1-148
 SZGRF VI 19 03 05 06.2 60.07N 153.51W 33 4.8b \uparrow 18481253

MOS VI 19 03 05 14.1-87 60.23N 153.30W 110 4.6b
 BJI VI 19 03 05 14.1 60.60N 153.16W 97 4.9b,4.8b
 ISCJB VI 19 03 05 16.0-30 60.23N-03 153.03W-05 126-3 4.5b,4.8b
 IDC VI 19 03 05 17.0-63 60.16N 153.14W 123-6 4.4,4.1
 NEIC VI 19 03 05 19.2 60.16N 152.80W 121 4.5b,4.1

ISC Event type fe.
 SZGRF Southern Alaska, United States.
 MOS Error ellipse: s-maj=13.5km s-min=5.1km az=84.0.
 ISCJB Event type fe. Error ellipse: s-maj=5.1km s-min=3.9km az=128.9.
 IDC Error ellipse: s-maj=11.7km s-min=9.1km az=70.0.
 NEIC Event type fe. Felt [III] at Anchor Point and Homer. Also felt at Anchorage, Eagle River, Ninilchik and Soldotna. After AEIC.

(215) Samar

ISC VI 19 05 47 53.3-49 12.32N-02 125.51E-04 46-4 4.9b,4.2s 223 1-173
 IDC VI 19 05 47 46.6-48 12.21N 125.27E 0 4.7,4.6 \uparrow 10699010
 MOS VI 19 05 47 50.0-89 12.28N 125.44E 33 5.2b,4.2s
 BJI VI 19 05 47 50.5 12.39N 125.50E 31 4.8b,4.8b
 NEIC VI 19 05 47 51.8-16 12.27N 125.45E 34 5.0b,4.8b
 HRVD VI 19 05 47 51.8-50 12.26N 125.54E 20-2 5.1W,4.8b
 MAN VI 19 05 47 51.2 12.43N 125.51E 30 5.5L,4.8b
 ISCJB VI 19 05 47 51.8-51 12.34N-02 125.51E-04 48-4 4.9b,4.2s

ISC Event type fe.
 NEIC Event type fe. Felt [III PIVS] at Dolores and Sulat; [II PIVS] at Borongan.
 HRVD nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s21,c24; Mantle waves: s40,c50; Half duration: 0 Moment tensor: Scale 10¹⁶Nm; M₀:3.63±32 M₀±0.41±18; M₂:4.04±25; M₀±29±37; M₀±0.85±13; M₂:4.16±57; Best double couple: NP1: ϕ :156.00000°, δ :23.00000°, λ :67.00000°. NP2: ϕ :1.00000°, δ :69.00000°, λ :99.00000°. Principal axes: T 5.5250, Plg65.0000°, Azm286.0000°; N 0.4100, Plg9.0000°, Azm177.0000°; P -5.9330, Plg23.0000°, Azm83.0000° M₀:5.72900×10¹⁶

ISCJB Event type fe.
(159) North Island

WEL VI 19 10 30 32.1-08 40.05S 175.60E 48-1 3.9L
 NEIC VI 19 10 30 31.5 40.03S 175.62E 54 4.0L \uparrow 18495621
 WEL Event type fe. Error ellipse: s-maj=1.5km s-min=0.5km az=90.0. Felt from Wanganui to Manawatu, maximum reported intensity MM 4.

NEIC Event type se. After WEL.

(228) Near east coast of eastern Honshu

ISC VI 19 21 47 10.8-29 35.74N-02 140.08E-03 69-2 4.7b 354 0-152
 NIED VI 19 21 47 00 35.80N 140.10E 68 4.7W \uparrow 10699016
 SZGRF VI 19 21 47 07.1 36.29N 140.78E 33 5.0b
 JMA VI 19 21 47 10.7-10 35.81N 140.11E 66-2 4.6
 BJI VI 19 21 47 10.0 35.79N 140.16E 94 4.8b,4.7b
 ISCJB VI 19 21 47 10.1-29 35.72N-02 140.03E-03 75-2 4.7b,4.7b
 HRVD VI 19 21 47 12.2-90 35.61N 140.26E 85-4 4.8W,4.7b
 IDC VI 19 21 47 12.4-1.0 35.59N 139.99E 85-9 4.6,4.4
 MOS VI 19 21 47 12.7-83 36.04N 139.90E 82 4.8b,4.4
 NEIC VI 19 21 47 12.2-60 35.72N 139.99E 81-4 4.8b,4.7W

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1: ϕ :353.00000°, δ :66.00000°, λ :86.00000°. NP2: ϕ :182.00000°, δ :24.00000°, λ :98.00000°. M₀:1.33000×10¹⁶

SZGRF Near east coast of eastern Honshu, Japan.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0. Moment Tensor Solution. Broadband full plane solution: P waves. NP1: ϕ :178.00000°, δ :19.00000°, λ :82.00000°. NP2: ϕ :7.00000°, δ :71.00000°, λ :93.00000°. Principal axes: T Plg64.0000°, Azm282.0000°. N Plg3.0000°, Azm186.0000°; P Plg26.0000°, Azm95.0000°

ISCJB Event type fe. Error ellipse: s-maj=4.5km s-min=3.9km az=149.9.
 HRVD Error ellipse: s-maj=7.8km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s12,c16; Mantle waves: s47,c66; Half duration: 0 Moment tensor: Scale 10¹⁶Nm; M₀:1.85±16 M₀±0.35±13; M₂:2.20±12; M₀±0.06±10; M₂±0.39±16; M₀±0.70±12; Best double couple: NP1: ϕ :195.00000°, δ :36.00000°, λ :100.00000°. NP2: ϕ :3.00000°, δ :54.00000°, λ :83.00000°. Principal axes: T 1.9750, Plg79.0000°, Azm246.0000°. N 0.3960, Plg6.0000°, Azm7.0000°; P -2.3680, Plg9.0000°, Azm98.0000° M₀:2.17200×10¹⁶

IDC Error ellipse: s-maj=15.1km s-min=6.4km az=68.0.
 MOS Error ellipse: s-maj=9.6km s-min=4.4km az=117.8.
 NEIC Event type fe. Error ellipse: s-maj=5.3km s-min=4.4km az=93.0. Felt [III] at Tokyo and [II] at Yokosuka. Recorded [3 JMA] in Kanagawa, Saitama and Tokyo; [2 JMA] in Chiba, Gumma, Ibaraki, Shizuoka, Tochigi and Yamanashi; [1 JMA] in Fukushima and Nagano Prefectures. Moment Tensor Solution. M₀:1.30000×10¹⁶

(135) Near coast of central Chile

ISC VI 20 02 14 07.5-45 32.91S-03 71.73W-05 38-5 4.8b,4.0s 112 0-176
 MOS VI 20 02 14 02.2-98 32.95S 72.05W 10 5.3b,4.0s \uparrow 18495653
 ISCJB VI 20 02 14 06.6-45 32.92S-03 71.76W-05 46-4 4.8b,4.0s
 NEIC VI 20 02 14 07.1 32.92S 71.64W 42 4.9b,4.0s
 BJI VI 20 02 14 07.1 32.90S 71.60W 42 4.9s,4.9b
 GUC VI 20 02 14 07.1-74 32.92S 71.64W 42-1 4.9L,4.9b
 IDC VI 20 02 14 07.1-64 32.86S 71.56W 35-4 4.5,4.4b

ISC Event type fe.
 MOS Error ellipse: s-maj=16.2km s-min=9.3km az=97.3.
 ISCJB Event type fe. Error ellipse: s-maj=7.0km s-min=4.9km az=149.4.
 NEIC Event type fe. Felt [IV] at Olmué, Papudo, Quilpué, Valparaiso, Vina del Mar and Zapallar; [III] at La Ligua, Los Andes, San Antonio, San Felipe and Santiago; [II] at Petorca and Rancagua. After GUC.

GUC Error ellipse: s-maj=1.9km s-min=2.5km az=1.0.
 IDC Error ellipse: s-maj=22.9km s-min=14.8km az=97.0.

(2) Southern Alaska

ISC VI 20 02 32 38.7-34 61.60N-04 146.54W-06 49-4 4.4b,3.3s 89 1-147
 MOS VI 20 02 32 35.1-13 61.65N 146.14W 10 4.8b,3.3s \uparrow 18750577
 BJI VI 20 02 32 35.3 61.60N 146.50W 14 4.7b,4.4b
 ISCJB VI 20 02 32 37.5-37 61.63N-04 146.49W-06 49-5 4.4b,3.3s
 IDC VI 20 02 32 38.3-64 61.63N 146.57W 42-3 4.1,4.1
 NEIC VI 20 02 32 38.4 61.58N 146.51W 14 4.4L,4.4b

ISC Event type fe.
 MOS Error ellipse: s-maj=24.7km s-min=8.6km az=94.6.
 ISCJB Event type fe. Error ellipse: s-maj=6.6km s-min=4.8km az=43.7.
 IDC Error ellipse: s-maj=16.9km s-min=12.3km az=138.0.
 NEIC Event type fe. Felt [III] at Sheep Mountain. Also felt at Valdez. After AEIC.

(22) Queen Charlotte Islands region

ISC VI 20 10 02 07.6-11 51.61N-01 130.42W-03 10 5.3s,5.1b 899 1-152
 IDC VI 20 10 02 04.9-61 51.47N 130.59W 0 5.2,5.1s \uparrow 10699021
 PGC VI 20 10 02 04.0 51.34N 130.90W 10 5.8W,5.4L
 SZGRF VI 20 10 02 04.4 50.74N 131.86W 33 5.4s,5.2b
 ISCJB VI 20 10 02 06.1-12 51.55N-01 130.41W-03 10 5.3s,5.1b
 HRVD VI 20 10 02 07.8-10 51.45N 130.74W 12 5.6W,5.1b
 NEIC VI 20 10 02 07.8-18 51.58N 130.47W 10 5.7W,5.6W
 BJI VI 20 10 02 08.0 52.22N 131.03W 10 5.7s,5.4s
 MOS VI 20 10 02 08.8-90 51.46N 130.63W 33 5.3b,5.3s

ISC Event type fe.
 IDC Error ellipse: s-maj=12.3km s-min=9.2km az=36.0.
 PGC Event type fe. Error ellipse: s-maj=5.6km s-min=2.8km az=-1.0. 211km southwest of Bella Bella, Bc South of Moresby Island, British Columbia Felt [III] at Bella Bella.

SZGRF Vancouver Island, Canada, region.
 ISCJB Event type fe. Error ellipse: s-maj=3.2km s-min=1.3km az=115.4.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s74,c133; Mantle waves: s96,c260; Half duration: 16 Moment tensor: Scale 10¹⁷Nm; M₀:1.03±03 M₀±1.83±4; M₂:0.80±04; M₀±1.39±09; M₂:2.65±03; M₀±0.89±10; Best double couple: NP1: ϕ :255.00000°, δ :76.00000°, λ :12.00000°. NP2: ϕ :348.00000°, δ :78.00000°, λ :166.00000°. Principal axes: T 2.4480, Plg2.0000°, Azm121.0000°. N 1.5700, Plg72.0000°, Azm27.0000°; P -4.0130, Plg18.0000°, Azm12.0000° M₀:2.32000×10¹⁷

NEIC Event type fe. Error ellipse: s-maj=5.0km s-min=1.8km az=50.0. Felt [III] at Bella Bella. Moment Tensor Solution. M₀:9.00000×10¹⁷ Moment Tensor Solution. s22 Moment tensor: Scale 10¹⁷Nm; M₀:0.73 M₀±3.56 M₀±2.84 M₀±0.17 M₀±0.18 M₀±0.31 Best double couple: NP1: ϕ :136.00000°, δ :86.00000°, λ :173.00000°. NP2: ϕ :227.00000°, δ :83.00000°, λ :4.00000°. Principal axes: T 2.8900, Plg8.0000°, Azm91.0000°; N 0.6800, Plg92.0000°, Azm288.0000°; P -3.5700, Plg2.0000°, Azm182.0000° M₀:3.20000×10¹⁷

MOS Error ellipse: s-maj=7.1km s-min=3.4km az=97.8.

(135) Near coast of central Chile

ISC VI 20 12 39 26.1-62 32.84S-03 71.20W-05 54-7 44 0-3

; N 0.1170,Plg8.0000°,Az302.0000°; P -1.4610,Plg40.0000°,Az39.0000°
M1.40300×10¹⁷

NEIC Event type fe. Error ellipse: s-maj=6.8km s-min=3.8km az=67.0. Felt [III] at Namlea, Buru.
(390) Southern Italy

ISC	VI	22 19 34 59.0-28	39.75N-01	16.62E-01	13-2	4.5b,4.2s	689	0-125
STR	VI	22 19 34 41.6-00	39.68N	16.37E	20-1	4.0L,4.2s		
IDC	VI	22 19 34 55.1-51	39.65N	16.47E	0	4.4L,4.4b	18483100	
ISCJB	VI	22 19 34 57.0-11	39.77N-01	16.66E-01	10	4.5b,4.2s		
MOS	VI	22 19 34 56.5-1.1	39.77N	16.66E	10	4.6b,4.2s		
PDG	VI	22 19 34 57.9-85	39.72N	16.72E	15-1	4.6b,4.2s		
CSEM	VI	22 19 34 57.8	39.77N	16.67E	20	4.5L,4.2s		
LDG	VI	22 19 34 57.5-13	39.72N	16.74E	10-0	4.0L,4.2s		
NEIC	VI	22 19 34 58.3	39.71N	16.62E	10	4.6L,4.5L		
BJI	VI	22 19 34 58.0	39.70N	16.60E	15	4.9b,4.6b		
ROM	VI	22 19 34 58.3-09	39.71N	16.62E	10-0	4.3L,4.4b		
THE	VI	22 19 34 58.3	39.71N	16.48E	21	4.7L,4.6b		
PRU	VI	22 19 35 01.3	40.08N	16.39E	0	4.5,4.6b		
SZGRF	VI	22 19 35 01.8	39.94N	16.89E	10	4.4b,4.6b		

ISC Event type fe.
STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
IDC Error ellipse: s-maj=12.4km s-min=9.6km az=118.0.
ISCJB Event type fe. Error ellipse: s-maj=1.5km s-min=1.2km az=26.1.
MOS Error ellipse: s-maj=3.7km s-min=2.4km az=88.3.
PDG Error ellipse: s-maj=1.1km s-min=1.1km az=1.0.
LDG Event type ke. Error ellipse: s-maj=3.8km s-min=3.1km az=175.0.
NEIC Event type fe. Felt [V] in northeastern Cosenza, [IV] at Cosenza and Crotona and [III] at Bari, Potenza and Taranto. After ROM.
ROM Event type ke. Error ellipse: s-maj=2.0km s-min=1.1km az=96.0.
SZGRF Southern Italy.

(314) Southern India

ISC	VI	23 05 34 07.0-78	23.52N-03	70.13E-02	12-5	4.7b,3.8s	364	1-143
MOS	VI	23 05 34 04.8-10	23.49N	70.03E	10	5.2b,3.8s		
SZGRF	VI	23 05 34 04.0	22.57N	69.96E	17	5.0b,3.8s	110699057	
ISCJB	VI	23 05 34 04.3-1.1	23.51N-03	70.13E-02	8-6	4.7b,3.8s		
IDC	VI	23 05 34 05.0-52	23.50N	70.02E	0	4.8L,4.5		
NEIC	VI	23 05 34 06.4-22	23.46N	70.12E	10	4.8b,4.5		
HRVD	VI	23 05 34 06.4-80	23.36N	70.26E	21-1	4.8b,4.5		
NDI	VI	23 05 34 07.3-3.8	23.53N	70.08E	10-0	4.8L,4.8b		
BJI	VI	23 05 34 07.9	23.72N	70.39E	10	4.9b,4.7s		

ISC Event type fe.
MOS Error ellipse: s-maj=7.4km s-min=3.9km az=121.0.
SZGRF Southern India.
ISCJB Event type fe. Error ellipse: s-maj=4.3km s-min=3.3km az=7.0.
IDC Error ellipse: s-maj=15.1km s-min=13.2km az=42.0.
NEIC Event type fe. Error ellipse: s-maj=6.2km s-min=4.1km az=198.0. Felt [IV] at Rajkot. Felt at Ahmadabad, Chotilla, Halwad, Limbdi, Ratanpur, Surendranagar, Than and Wadhwan. Also felt in parts of Kachchh.
HRVD Error ellipse: s-maj=8.9km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s10,c11; Mantle waves: s49,c62; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr1.81±.21; Mw=1.44±.12; M0=0.36±.12; Mw0.76±.20; Mw0.13±.08; Mw0.74±.33; Best double couple: NP1:φ=288.0000°,λ335.0000°,λ118.0000°. NP2:φ=75.0000°,λ86.0000°,λ72.0000°. Principal axes: T 1.960,Plg70.0000°,Az306.0000°; N -0.5850,Plg16.0000°,Az85.0000°; P -1.6080,Plg13.0000°,Az178.0000° M1.90200×10¹⁶

NDI Error ellipse: s-maj=8.0km s-min=8.3km az=1.0.
(235) Kyushu

ISC	VI	23 10 17 56.3-59	30.60N-04	131.07E-06	40-4	4.1b,3.7s	50	0-145
NIED	VI	23 10 17 00	30.60N	131.10E	32	4.3W,3.7s		
MOS	VI	23 10 17 54.9-1.1	30.68N	131.08E	47	5.0b,3.7s	18750642	
ISCJB	VI	23 10 17 55.1-61	30.58N-04	131.12E-06	48-4	4.1b,3.7s		
JMA	VI	23 10 17 55.9-10	30.60N	131.12E	31-1	4.1,3.7s		
IDC	VI	23 10 17 56.9-2.8	30.67N	130.99E	44-27	3.9,3.8		
NEIC	VI	23 10 17 57.6-86	30.60N	131.05E	54-8	4.4b,3.8		
BJI	VI	23 10 17 57.5	30.60N	131.00E	54	4.4b,4.3b		

ISC Event type fe.
NIED Moment Tensor Solution. Best double couple: NP1:φ=34.0000°,λ72.0000°,λ103.0000°. NP2:φ=176.0000°,λ22.0000°,λ55.0000°. M2.94000×10¹⁵
MOS Error ellipse: s-maj=16.8km s-min=10.2km az=102.8.
ISCJB Event type fe. Error ellipse: s-maj=9.7km s-min=6.2km az=63.8.
JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=1.0.
IDC Error ellipse: s-maj=22.8km s-min=16.4km az=80.0.
NEIC Event type fe. Error ellipse: s-maj=10.7km s-min=8.4km az=104.0. Recorded [2 JMA] on Tanega-shima. Recorded [1 JMA] in Kagoshima Prefecture.
(230) Near south coast of eastern Honshu

JMA	VI	24 02 23 42.7-10	33.14N	137.01E	41-3	3.8		
NIED	VI	24 02 23 00	33.10N	137.00E	11	3.6W	19262394	

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.
NIED Moment Tensor Solution. Best double couple: NP1:φ=296.0000°,λ54.0000°,λ102.0000°. NP2:φ=96.0000°,λ38.0000°,λ74.0000°. M3.35000×10¹⁴

(62k) Sakhalin Island

ISC	VI	24 04 34 46.8-16	48.38N-02	142.60E-04	17	4.5b,3.7s	257	1-155
MOS	VI	24 04 34 44.2-81	48.37N	142.61E	10	4.8b,4.0s	110699071	
ISCJB	VI	24 04 34 45.1-17	48.34N-02	142.59E-04	16	4.5b,3.7s		
SKHL	VI	24 04 34 45.1-17	48.30N	141.90E	10-2	5.8,5.4		
BJI	VI	24 04 34 45.0	48.25N	142.59E	15	4.6b,4.4b		
NEIC	VI	24 04 34 46.7-12	48.34N	142.55E	17	4.6b,4.4b		
IDC	VI	24 04 34 50.2-2.0	48.29N	142.57E	45-20	4.3,4.3		
SZGRF	VI	24 04 34 51.2	48.70N	143.38E	33	4.4b,4.3		

ISC Event type fe.
MOS Event type fe. Error ellipse: s-maj=10.0km s-min=4.9km az=96.5. Felt [III] at Makarov, (II-III) at Ulgorsk, Shakhtersk, (II) at Poronaysk. Moment Tensor Solution.
ISCJB Event type fe. Error ellipse: s-maj=4.1km s-min=3.2km az=50.3.
NEIC Event type fe. Error ellipse: s-maj=3.8km s-min=3.2km az=111.0. Felt [III] at Makarov, Shakhtersk and Ulgorsk; [II] at Poronaysk.
IDC Error ellipse: s-maj=14.1km s-min=10.8km az=90.0.
SZGRF Sakhalin Island, Russia.

(705) Off west coast of northern Sumatera

ISC	VI	24 05 59 19.8-1.1	4.95N-06	95.13E-06	71-10	4.5b	131	4-146
BJI	VI	24 05 59 12.8	4.42N	95.04E	55	4.8b,4.8b	110699072	
MOS	VI	24 05 59 14.0-95	5.03N	95.17E	33	4.7b,4.8b		
NEIC	VI	24 05 59 14.7-25	4.86N	94.95E	30	4.7b,4.8b		
IDC	VI	24 05 59 15.9-3.9	4.91N	94.99E	40-34	4.4,4.3		
ISCJB	VI	24 05 59 18.6-1.3	4.94N-06	95.17E-06	78-12	4.5b,4.3		

ISC Event type fe.
NEIC Event type fe. Felt [II] at Banda Aceh.
ISCJB Event type fe.
(381) Central Italy

ISC	VI	24 06 35 05.4-30	42.62N-02	12.50E-02	4-3		99	0-7
ISCJB	VI	24 06 35 04.6-28	42.62N-02	12.49E-02	7-3		18495915	
CSEM	VI	24 06 35 04.7-05	42.62N	12.57E	12	3.4L		
ROM	VI	24 06 35 04.5-25	42.62N	12.55E	3-3	3.3,3.2L		
NEIC	VI	24 06 35 04.5	42.62N	12.55E	3	3.2L,2.9L		
LDG	VI	24 06 35 06.3-11	42.61N	12.62E	10-0	2.9L,2.9L		

ISC Event type fe.
ISCJB Event type fe. Error ellipse: s-maj=2.9km s-min=2.7km az=77.5.
CSEM Event type ke. Error ellipse: s-maj=1.2km s-min=1.0km az=37.0.
ROM Event type ke. Error ellipse: s-maj=1.7km s-min=1.4km az=52.0.
NEIC Event type fe. Felt [IV] at Terni. After ROM.
LDG Event type ke. Error ellipse: s-maj=3.2km s-min=2.4km az=41.0.
(89) Mona Passage

ISC	VI	24 08 05 31.8-66	18.80N-04	67.22W-03	33-5	3.8b,3.6s	64	0-160
ISCJB	VI	24 08 05 28.6-38	18.86N-03	67.22W-03	18	3.8b,3.6s	18495919	
RSPR	VI	24 08 05 31.8	18.88N	67.25W	18-0	3.8,3.8		
NEIC	VI	24 08 05 31.8	18.88N	67.25W	18	4.0b,3.8		
IDC	VI	24 08 05 33.6-1.8	18.74N	67.23W	48-18	4.2L,3.9		
TRN	VI	24 08 07 16.2	15.83N	61.60W	3	1.6,3.9		

ISC Event type fe.
ISCJB Event type fe. Error ellipse: s-maj=5.3km s-min=3.5km az=95.9.
RSPR Event type ke.
NEIC Event type fe. Felt in northwestern Puerto Rico. After RSPR.

IDC Error ellipse: s-maj=17.9km s-min=15.9km az=56.0.
(277) Jawa

IDC	VI	24 10 06 12.6-2.4	8.07S	110.09E	0	4.0,3.8b		
NEIC	VI	24 10 06 17.3-2.2	8.19S	110.01E	35	4.8b,3.8b	19222532	

IDC Error ellipse: s-maj=11.7km s-min=19.2km az=54.0.
NEIC Event type fe. Error ellipse: s-maj=104.0km s-min=14.4km az=52.0. Felt [III] at Bantul.
(233) Near south coast of western Honshu

JMA	VI	24 13 18 44.3	33.34N	135.74E	28	4.0		
NIED	VI	24 13 18 00	33.20N	135.80E	17	3.7W	19262399	

JMA Event type fe.
NIED Moment Tensor Solution. Best double couple: NP1:φ=150.0000°,λ82.0000°,λ70.0000°. NP2:φ=38.0000°,λ21.0000°,λ157.0000°. M4.26000×10¹⁴

(227) Eastern Honshu

ISC	VI	24 14 10 45.7-45	35.79N-03	137.47E-04	9-4	3.7b	32	0-77
NIED	VI	24 14 10 00	35.80N	137.50E	8	3.7W	19819414	
ISCJB	VI	24 14 10 44.9-60	35.80N-03	137.44E-04	13-4	3.7b		
IDC	VI	24 14 10 44.2-83	35.74N	137.49E	0	3.8b,3.7		
NEIC	VI	24 14 10 46.0-2.0	35.75N	137.61E	15-13	4.1b,3.7		
JMA	VI	24 14 10 45.7	35.79N	137.46E	9-1	3.9,3.7		

ISC Event type fe.
NIED Moment Tensor Solution. Best double couple: NP1:φ=12.0000°,λ58.0000°. NP2:φ=239.0000°,λ46.0000°,λ126.0000°. M4.38000×10¹⁴
Event type fe. Error ellipse: s-maj=6.1km s-min=4.6km az=60.9.
ISCJB Error ellipse: s-maj=19.3km s-min=10.7km az=127.0.
IDC Event type fe. Error ellipse: s-maj=15.2km s-min=13.9km az=50.0. Felt in southern Nagano and at Nakatsugawa, Gifu.
JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=241.0000°,λ40.0000°,λ133.0000°. NP2:φ=10.0000°,λ62.0000°,λ60.0000°. Principal axes: T Plg61.0000°,Az234.0000°; N Plg26.0000°,Az25.0000°; P Plg12.0000°,Az121.0000°

(377) Spain

MDD	VI	24 14 15 04.9-18	37.02N	2.21W	10-0	2.3		
CSEM	VI	24 14 15 05.1-07	37.05N	2.24W	5	2.5L	18495926	
SFS	VI	24 14 15 05.0	37.05N	2.23W	5	2.3L		
NEIC	VI	24 14 15 05.2	37.05N	2.23W	5	2.3		

MDD Event type fe. Error ellipse: s-maj=3.4km s-min=2.3km az=168.0. EMS: II LUCAINENA DE LAS TORRES JAR. PRXIMO II TURRILLAS.
CSEM Event type ke. Error ellipse: s-maj=1.6km s-min=1.1km az=144.0.
NEIC Event type fe. Felt [II] at Lucaina de las Torres, Nijar and Turrillas. After MDD.
(224) Hokkaido region

ISC	VI	24 16 56 54.9-70	44.22N-03	141.15E-06	9-5	3.7b	22	0-68
NIED	VI	24 16 56 00	44.20N	141.10E	5	3.9W	19222543	
ISCJB	VI	24 16 56 54.4-96	44.22N-03	141.14E-07	9-7	3.7b		
IDC	VI	24 16 56 55.0-3.5	43.61N	143.83E	0	3.8,3.7b		
JMA	VI	24 16 56 54.6	44.22N	141.12E	10-2	4.3,3.7b		
NEIC	VI	24 16 56 55.8-97	44.00N	142.17E	10	4.3,3.7b		

ISC Event type fe.
NIED Moment Tensor Solution. Best double couple: NP1:φ=26.0000°,λ57.0000°,λ129.0000°. NP2:φ=150.0000°,λ49.0000°,λ46.0000°. M8.57000×10¹⁴
Event type fe. Error ellipse: s-maj=8.1km s-min=5.1km az=26.5.
ISCJB Error ellipse: s-maj=79.5km s-min=12.4km az=44.0.
JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=144.0000°,λ54.0000°,λ31.0000°. NP2:φ=35.0000°,λ66.0000°,λ140.0000°. Principal axes: T Plg45.0000°,Az355.0000°; N Plg44.0000°,Az189.0000°; P Plg7.0000°,Az92.0000°

NEIC Event type fe. Error ellipse: s-maj=112.0km s-min=12.3km az=105.0. Recorded [1 JMA] in the Otaru area and in northern Hokkaido.
(227) Eastern Honshu

ISC	VI	24 19 52 44.4-28	36.12N-03	139.66E-05	125-2	4.2b	104	0-83
ISCJB	VI	24 19 52 43.8-28	36.11N-03	139.66E-05	131-2	4.1b	110699082	
MOS	VI	24 19 52 43.8-1.4	36.24N	139.67E	136	4.5b		
BJI	VI	24 19 52 43.0	36.07N	139.83E	161	4.7b,4.6b		
IDC	VI	24 19 52 44.4-89	36.11N	139.69E	121-7	4.1,3.9		
JMA	VI	24 19 52 45.6-10	36.11N	139.71E	114-1	3.8,3.9		
NEIC	VI	24 19 52 45.5-83	36.13N	139.48E	132-6	4.3b,3.9		
NIED	VI	24 19 53 00	36.20N	139.70E	107	4.0W,3.9		

ISC Event type fe.
ISCJB Event type fe. Error ellipse: s-maj=6.6km s-min=4.8km az=154.8.
MOS Error ellipse: s-maj=15.2km s-min=8.6km az=115.3.
IDC Error ellipse: s-maj=17.0km s-min=7.1km az=69.0.
JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=286.0000°,λ116.0000°. NP2:φ=79.0000°,λ73.0000°,λ82.0000°. Principal axes: T Plg61.0000°,Az337.0000°; N Plg8.0000°,Az82.0000°; P Plg28.0000°,Az176.0000°
Event type se. Error ellipse: s-maj=13.1km s-min=8.8km az=81.0.
NIED Moment Tensor Solution. Best double couple: NP1:φ=73.0000°,λ71.0000°,λ89.0000°. NP2:φ=256.0000°,λ19.0000°,λ93.0000°. M9.86000×10¹⁴

(265) Minahasa Peninsula, Sulawesi

ISC	VI	24 21 15 02.7-13	0.41S-02	123.34E-02	38	6.0s,5.8b	522	4-169
BJI	VI	24 21 15 00.9	0.40S	123.20E	26	6.3b,6.1s	18495940	
HRVD	VI	24 21 15 00.9-10	0.48S	123.30E	32-0	6.3W,6.1s		
NEIC	VI	24 21 15 00.9-13	0.39S	123.20E	26	6.3,6.3W		
ISCJB	VI	24 21 15 00.5-13	0.40S-02	123.33E-02	36	6.0s,5.8b		
MOS	VI	24 21 15 01.6						

SKHL VI 25 12 33 14.5-20 44.10N 146.80E 80-13 6.7,6.0b
 IDC VI 25 12 33 15.8-1.8 44.12N 146.60E 102-16 4.3,4.0
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:343.00000°;δ87.00000°;λ-45.00000°; NP2:φ:77.00000°;δ45.00000°;λ-175.00000°. M₀:4.05000×10¹⁵
 SZGRF Kuril Islands, Russia
 MOS Event type fe. Error ellipse: s-maj=9.1km s-min=6.3km az=81.5. Felt (II-III) at Yuzhno-Kuril'sk. Moment Tensor Solution.
 NEIC Event type fe. Error ellipse: s-maj=6.3km s-min=4.0km az=145.0. Felt (III) at Yuzhno-Kuril'sk, Kunashir. Recorded [2 JMA] in eastern Hokkaido and [1 JMA] in the Ombetsu area.
 ISCJB Event type fe. Error ellipse: s-maj=6.0km s-min=3.6km az=133.2.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.6km az=-1.0.
 IDC Error ellipse: s-maj=13.2km s-min=11.3km az=117.0.

(274) Southern Sumatra
 ISC VI 25 15 09 52.8-25 4.78S-04 102.06E-04 50 4.9b,4.0s 177 1-151
 BJI VI 25 15 09 44.2 5.53S 102.17E 48 4.9b,4.8b 18505444
 ISCJB VI 25 15 09 50.6-25 4.78S-04 102.05E-04 48 4.9b,4.0s
 MOS VI 25 15 09 51.4-1.3 4.67S 102.22E 52 5.1b,4.0s
 HRVD VI 25 15 09 52.3-50 4.69S 101.97E 59-4 4.8W,4.4S
 IDC VI 25 15 09 52.3-57 4.77S 102.06E 46-5 4.7,4.5
 NEIC VI 25 15 09 52.3-25 4.75S 102.15E 48 5.0b,4.5
 SZGRF VI 25 15 10 04.4 4.97S 102.06E 33 4.8b,4.5
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=6.6km s-min=3.7km az=97.5.
 MOS Error ellipse: s-maj=11.8km s-min=7.0km az=111.3.
 HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s13,c15; Mantle waves: s54,c64; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_r:0.60±.18 M_θ:1.12±.13; M_φ:0.52±.16; M_{rr}:0.28±.08; M_{θθ}:0.96±.09; M_{φφ}:1.38±.09; Best double couple: NP1:φ:103.00000°;δ42.00000°;λ162.00000°. NP2:φ:206.00000°;δ78.00000°;λ49.00000°. Principal axes: T 2.0180,Plg42.0000°; Azm78.0000°; N -0.1130,Plg40.0000°; Azm217.0000°; P -1.9000,Plg22.0000°; Azm326.0000°; M₀:1.95900×10¹⁶
 IDC Error ellipse: s-maj=16.6km s-min=9.4km az=50.0.
 NEIC Event type fe. Error ellipse: s-maj=9.7km s-min=5.6km az=53.0. Felt (III) at Manna and (II) at Bengkulu.

SZGRF Southern Sumatra, Indonesia.
(284) South of Bali
 ISC VI 25 16 36 52.6-44 9.5S-10 114.9E-10 35 4.0b 34 12-77
 IDC VI 25 16 36 46.7-1.3 9.59S 114.76E 0 4.3L,3.9
 ISCJB VI 25 16 36 50.9-47 9.2S-10 115.1E-10 33 4.0b,3.9
 NEIC VI 25 16 36 52.4-67 9.64S 114.75E 40 4.0b,3.9
 ISC Event type fe.
 IDC Error ellipse: s-maj=82.7km s-min=12.7km az=48.0.
 ISCJB Event type fe. Error ellipse: s-maj=25.6km s-min=6.5km az=93.8.
 NEIC Event type fe. Error ellipse: s-maj=31.1km s-min=8.1km az=52.0. Felt (III) at Denpasar.

(460) Wyoming
 ISC VI 25 19 14 28.1-64 43.76N-04 105.14W-06 0 28 1-11
 BJI VI 25 19 14 27.0-72 43.78N-04 105.28W-07 0 19222614
 IDC VI 25 19 14 27.3-1.8 43.86N 105.49W 0 3.5,3.2
 NEIC VI 25 19 14 27.2-86 43.85N 105.30W 0 3.4L,3.2
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=7.2km s-min=6.2km az=139.3.
 IDC Error ellipse: s-maj=55.7km s-min=8.6km az=149.0.
 NEIC Event type fm. Error ellipse: s-maj=14.5km s-min=10.3km az=130.0. 50 km [30 miles] SSE of Gillette. Suspected Mining explosion.

(625) Minahasa Peninsula, Sulawesi
 ISC VI 25 22 39 10.1-23 4.48S-03 123.32E-04 32 4.8b,3.8s 127 4-163
 BJI VI 25 22 38 59.7 1.51S 123.65E 30 5.0b,4.8b 18505449
 IDC VI 25 22 39 03.9-52 0.41S 123.12E 0 4.5,4.4
 ISCJB VI 25 22 39 07.7-23 0.47S-03 123.35E-05 30 4.8b,3.8s
 MOS VI 25 22 39 07.7-1.2 0.42S 123.20E 33 5.0b,3.8s
 NEIC VI 25 22 39 08.7-29 0.48S 123.14E 31 4.6b,3.8s
 ISC Event type fe.
 IDC Error ellipse: s-maj=26.0km s-min=13.1km az=74.0.
 ISCJB Event type fe. Error ellipse: s-maj=7.1km s-min=4.1km az=126.9.
 MOS Error ellipse: s-maj=16.5km s-min=8.0km az=104.8.
 NEIC Event type fe. Error ellipse: s-maj=13.9km s-min=6.6km az=73.0. Felt (IV) at Luwuk.

(224) Hokkaido region
 ISC VI 26 06 01 38.3-45 41.34N-03 142.14E-05 60-5 3.9b 44 1-71
 NIED VI 26 06 01 00 41.30N 142.10E 41 3.7W 18938525
 MOS VI 26 06 01 35.1-1.7 41.31N 142.05E 40 4.5b
 ISCJB VI 26 06 01 37.6-46 41.33N-03 142.12E-06 67-4 3.8b
 NEIC VI 26 06 01 38.2 41.35N 142.13E 56 4.1b
 JMA VI 26 06 01 38.2 41.35N 142.13E 56-2 3.7
 IDC VI 26 06 01 39.4-2.1 41.28N 142.17E 68-18 3.8,3.7
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:34.00000°;δ58.00000°;λ92.00000°. NP2:φ:211.00000°;δ32.00000°;λ88.00000°. M₀:3.45000×10¹⁴
 MOS Error ellipse: s-maj=20.8km s-min=12.6km az=88.7.
 ISCJB Event type fe. Error ellipse: s-maj=7.5km s-min=4.9km az=36.4.
 NEIC Event type se. After JMA.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves: NP1:φ:221.00000°;δ10.00000°;λ103.00000°. NP2: φ:28.00000°;δ80.00000°;λ88.00000°. Principal axes: T Plg55.0000°; Azm295.0000°; N Plg2.0000°; Azm28.0000°; P Plg35.0000°; Azm120.0000°
 IDC Error ellipse: s-maj=27.1km s-min=14.7km az=103.0.

(270) Ceram Sea
 ISC VI 26 09 39 22.5-15 2.79S-02 127.50E-03 29 5.4b,4.8s 296 1-161
 BJI VI 26 09 39 10.0 3.36S 128.09E 1 5.2b,5.1b 18495995
 CSEM VI 26 09 39 18.2 2.87S 127.43E 5 5.5b,5.1b
 IDC VI 26 09 39 19.4-2.6 2.73S 127.39E 9-15 5.6L,5.1b
 ISCJB VI 26 09 39 20.5-15 2.77S-02 127.43E-03 27 5.4b,4.8s
 NEIC VI 26 09 39 22.1-15 2.78S 127.38E 26 5.4b,4.9s
 MOS VI 26 09 39 22.7-1.5 2.71S 127.39E 41 5.7b,4.6s
 HRVD VI 26 09 39 22.1-10 2.67S 127.30E 13-0 5.4W,4.6s
 ISC Event type fe.
 IDC Error ellipse: s-maj=16.6km s-min=10.9km az=64.0.
 ISCJB Event type fe. Error ellipse: s-maj=5.0km s-min=2.7km az=126.5.
 NEIC Event type fe. Error ellipse: s-maj=6.6km s-min=4.3km az=71.0. Felt (III) at Namlea, Buru.
 MOS Error ellipse: s-maj=10.5km s-min=5.9km az=109.8.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s71,c113; Mantle waves: s91,c162; Half duration: 1s2 Moment tensor: Scale 10¹⁷Nm; M_r:0.89±.03 M_θ:0.20±.02; M_φ:1.09±.02; M_{rr}:0.45±.05; M_{θθ}:0.58±.02; M_{φφ}:1.04±.08; Best double couple: NP1:φ:51.00000°;δ35.00000°;λ-36.00000°. NP2:φ:171.00000°;δ70.00000°;λ-120.00000°. Principal axes: T 1.6130,Plg20.0000°; Azm283.0000°; N 0.0170,Plg28.0000°; Azm182.0000°; P -1.6320,Plg55.0000°; Azm44.0000°; M₀:1.62300×10¹⁷

(92) Leeward Islands
 ISC VI 26 10 48 42.2-89 15.08N-05 60.83W-08 119-5 61 0-7
 ISCJB VI 26 10 48 41.8-86 15.08N-04 60.88W-07 122-5 19222660
 TRN VI 26 10 48 41.2 15.09N 60.76W 113 3.5,3.4
 NEIC VI 26 10 48 43.0 15.20N 60.59W 97 3.5,3.4
 RSPR VI 26 10 48 42.1 21.44N 60.66W 25-48 3.5,3.4
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=12.5km s-min=6.3km az=142.5.
 TRN Event type fe. Felt (II) Martinique.
 NEIC Event type fe. Felt (II) Martinique. After FDF.
 RSPR Event type ke.

(265) Minahasa Peninsula, Sulawesi
 ISC VI 26 15 28 09.5-26 0.55S-03 123.37E-05 45 4.8b,3.7s 118 4-122
 BJI VI 26 15 28 02.1 1.28S 123.53E 48 4.9b,4.8b 18505467
 MOS VI 26 15 28 06.3-1.0 0.45S 123.29E 33 5.1b,4.8b
 ISCJB VI 26 15 28 07.3-26 0.52S-03 123.38E-05 43 4.8b,3.7s
 IDC VI 26 15 28 07.7-2.5 0.47S 123.35E 37-20 4.4,4.3b
 NEIC VI 26 15 28 08.9-1.1 0.50S 123.30E 48-11 4.5b,4.3b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=12.5km s-min=6.3km az=142.5.
 TRN Event type fe. Felt (II) Martinique.
 NEIC Event type fe. Felt (II) Martinique. After FDF.
 RSPR Event type ke.
 Error ellipse: s-maj=20.1km s-min=9.0km az=113.3.
 ISCJB Event type fe. Error ellipse: s-maj=7.1km s-min=4.2km az=133.7.
 IDC Error ellipse: s-maj=22.5km s-min=12.2km az=71.0.

NEIC Event type fe. Error ellipse: s-maj=12.7km s-min=6.6km az=64.0. Felt (III) at Luwuk.
(246) Southwestern Ryukyu Islands
 ISC VI 26 19 05 31.3-22 24.36N-02 123.48E-03 60-2 4.6b,3.1s 167 0-144
 NIED VI 26 19 05 00 24.40N 123.50E 32 4.2W,3.1s 18650793
 BJI VI 26 19 05 24.5 24.13N 123.95E 38 4.4b,4.3b
 MOS VI 26 19 05 27.5-96 24.40N 123.44E 42 4.7b,4.3b
 ISCJB VI 26 19 05 29.9-23 24.33N-02 123.49E-03 66-2 4.5b,4.3b
 IDC VI 26 19 05 29.9-3.3 24.33N 123.44E 51-30 4.4L,4.4
 JMA VI 26 19 05 31.5-10 24.34N 123.47E 53-1 4.6,4.4
 NEIC VI 26 19 05 31.2-62 24.34N 123.46E 62-5 4.6b,4.2W
 MAN VI 26 19 06 29.7 20.04N 122.23E 55 4.6s,4.1L
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:340.00000°;δ58.00000°;λ102.00000°. NP2:φ:138.00000°;δ34.00000°;λ-71.00000°. M₀:6.00000×10¹⁵
 Error ellipse: s-maj=12.3km s-min=7.0km az=105.2.
 Event type fe. Error ellipse: s-maj=4.3km s-min=3.6km az=111.6.
 Error ellipse: s-maj=18.5km s-min=11.4km az=78.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
 Event type fe. Error ellipse: s-maj=6.3km s-min=5.2km az=74.0. Recorded [3 JMA] on Iriomote-jima and [2 JMA] on Ishigaki-jima and Yonaguni-jima. Moment Tensor Solution. M₀:2.60000×10¹⁵

(105) Near coast of Ecuador
 ISC VI 26 19 37 48.7-1.5 2.88S-03 79.67W-04 18-9 4.7b,4.2s 163 2-158
 IDC VI 26 19 37 45.0-71 2.71S 79.61W 0 4.6,4.4
 IGQ VI 26 19 37 47.2 2.93S 79.39W 21-9 5.0b,4.9s
 ISCJB VI 26 19 37 47.4-1.1 2.89S-03 79.76W-04 22-8 4.7b,4.2s
 NEIC VI 26 19 37 49.8-1.9 2.84S 79.63W 27-13 4.9,4.8b
 MOS VI 26 19 37 49.6-83 2.84S 79.71W 33 5.0b,4.8b
 BJI VI 26 19 37 49.8 2.80S 79.60W 29 5.3b,4.9s
 HRVD VI 26 19 37 49.8-30 2.94S 79.61W 22-1 4.9W,4.9s
 ISC Event type fe.
 IDC Error ellipse: s-maj=32.4km s-min=14.4km az=60.0.
 IGQ Error ellipse: s-maj=10.1km s-min=1.7km az=14.1.
 ISCJB Event type fe. Error ellipse: s-maj=7.2km s-min=4.4km az=16.1.
 NEIC Event type fe. Error ellipse: s-maj=9.3km s-min=5.7km az=52.0. Felt at Zaruma and by people in upper floors of buildings at Guayaquil.
 MOS Error ellipse: s-maj=12.6km s-min=8.5km az=105.4.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s24,c31; Mantle waves: s71,c103; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_r:0.55±.13 M_θ:2.87±.11; M_φ:2.32±.12; M_{rr}:0.10±.14; M_{θθ}:0.57±.08; M_{φφ}:0.52±.19; Best double couple: NP1:φ:320.00000°;δ79.00000°;λ-10.00000°. NP2:φ:52.00000°;δ80.00000°;λ-169.00000°. Principal axes: T 2.9330,Plg1.0000°; Azm186.0000°; N -0.4130,Plg75.0000°; Azm94.0000°; P -2.5210,Plg15.0000°; Azm276.0000°; M₀:2.72700×10¹⁶

(249) Luzon
 ISC VI 26 23 11 31.5-15 17.56N-02 120.14E-03 53 4.9b,4.0s 291 1-172
 MAN VI 26 23 11 27.7 17.72N 119.91E 71 5.0L,4.0b 18496008
 MOS VI 26 23 11 27.1-81 17.47N 120.29E 37 5.2b,4.0b
 IDC VI 26 23 11 28.4-50 17.41N 120.23E 34-2 4.5,4.4b
 ISCJB VI 26 23 11 30.0-15 17.59N-02 120.08E-03 51 4.9b,4.0s
 NEIC VI 26 23 11 30.2-17 17.44N 120.31E 52 5.0b,4.0s
 HRVD VI 26 23 11 30.2-40 17.73N 120.13E 49-1 4.9W,4.0s
 SZGRF VI 26 23 11 33.0 18.65N 120.31E 46 4.8b,4.0s
 BJI VI 26 23 11 35.5 18.15N 120.08E 42 4.7b,4.6L
 ISC Event type fe.
 MOS Error ellipse: s-maj=12.9km s-min=5.0km az=118.0.
 IDC Error ellipse: s-maj=17.9km s-min=12.0km az=73.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.5km s-min=2.6km az=160.3.
 NEIC Event type fe. Error ellipse: s-maj=7.0km s-min=3.8km az=83.0. Felt (III PIVS) at Santa and Vigan; (II PIVS) at Dagupan and Paouquin.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s22,c25; Mantle waves: s57,c81; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_r:1.26±.19 M_θ:0.57±.13; M_φ:2.74±.12; M_{rr}:0.89±.08; M_{θθ}:1.08±.10; M_{φφ}:0.41±.12; Best double couple: NP1:φ:222.00000°;δ50.00000°;λ128.00000°. NP2:φ:351.00000°;δ53.00000°;λ53.00000°. Principal axes: T 2.6900,Plg62.0000°; Azm199.0000°; N 0.3690,Plg28.0000°; Azm15.0000°; P -3.0650,Plg2.0000°; Azm106.0000°; M₀:2.87800×10¹⁶

SZGRF Luzon, Philippine Islands.
(123) Northern Chile
 ISC VI 27 02 07 32.6-42 22.51S-03 68.40W-03 103-3 5.3b 520 0-174
 ISCJB VI 27 02 07 28.5-70 22.43S-03 68.46W-03 77-6 5.3b 18496012
 MOS VI 27 02 07 30.7-1.0 22.24S 68.39W 91 5.6b
 NEIC VI 27 02 07 32.2 22.76S 68.70W 115 5.5W,5.3b
 HRVD VI 27 02 07 32.2-20 22.51S 68.92W 134-0 5.5W,5.3b
 GUC VI 27 02 07 32.2-47 22.76S 68.70W 115-0 5.7L,5.3b
 IDC VI 27 02 07 33.4-31 22.52S 68.64W 109-2 5.2,4.9
 LDG VI 27 02 07 34.2 22.80S 68.70W 115 5.3b,4.9
 ISC VI 27 02 07 41.0-1.7 21.63S 68.25W 163-10 4.9b,4.4s
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=5.8km s-min=4.8km az=82.8.
 MOS Error ellipse: s-maj=10.3km s-min=6.0km az=101.8.
 NEIC Event type fe. Felt (III) at Calama. Also felt at Antofagasta and Talta. After GUC. Moment Tensor Solution. s2 Moment tensor: Scale 10¹⁷Nm; M_r:0.54 M_θ:0.30 M_φ:0.84 M_{rr}:0.04 M_{θθ}:0.17 M_{φφ}:1.79 Best double couple: NP1:φ:358.00000°;δ80.00000°;λ-96.00000°. NP2: φ:208.00000°;δ12.00000°;λ-61.00000°. Principal axes: T 2.0700,Plg34.0000°; Azm93.0000°; N -0.2900,Plg6.0000°; Azm359.0000°; P -1.7800,Plg55.0000°; Azm261.0000°; M₀:1.90000×10¹⁷

HRVD Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s68,c107; Mantle waves: s64,c117; Half duration: 1s3 Moment tensor: Scale 10¹⁷Nm; M_r:0.62±.04 M_θ:0.06±.05; M_φ:0.68±.06; M_{rr}:0.12±.03; M_{θθ}:0.18±.04; M_{φφ}:1.83±.04; Best double couple: NP1:φ:156.00000°;δ11.00000°;λ-110.00000°. NP2:φ:356.00000°;δ80.00000°;λ-86.00000°. Principal axes: T 1.9960,Plg35.0000°; Azm83.0000°; N -0.0820,Plg4.0000°; Azm175.0000°; P -1.9140,Plg55.0000°; Azm270.0000°; M₀:1.95500×10¹⁷
 GUC Error ellipse: s-maj=2.8km s-min=5.4km az=-1.0.
 IDC Error ellipse: s-maj=8.4km s-min=7.3km az=53.0.
 LDG Event type ke. Error ellipse: s-maj=41.5km s-min=17.6km az=15.0.

(6) Rat Islands
 ISC VI 27 02 39 34.5-11 52.24N-02 176.15E-02 30 5.9s,5.5b 1375 1-161
 BJI VI 27 02 39 31.3 52.74N 175.98E 19 6.0s,6.0b 110699117
 NEIC VI 27 02 39 32.9-13 52.23N 176.16E 17 6.2,6.2W
 ISCJB VI 27 02 39 32.6-11 52.16N-03 176.16E-02 28 5.9s,5.5b
 MOS VI 27 02 39 33.4-1.1 52.27N 176.08E 33 5.8b,5.7s
 HRVD VI 27 02 39 35.3-10 52.19N 176.18E 18-0 6.2W,5.7s
 IDC VI 27 02 39 35.5-93 52.35N 176.13E 35-5 5.8s,5.8
 SZGRF VI 27 02 39 36.2 52.66N 174.64E 30 5.8s,5.6b
 ISC Event type fe.
 NEIC Event type fe. Error ellipse: s-maj=4.0km s-min=2.2km az=184.0. Felt strongly on Shemya. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M₀:1.0000×10¹⁸ Moment Tensor Solution. s63 Moment tensor: Scale 10¹⁸Nm; M_r:0.08 M_θ:1.77 M_φ:1.69 M_{rr}:0.02 M_{θθ}:1.43 M_{φφ}:0.49 Best double couple: NP1:φ:206.00000°;δ85.00000°;λ12.00000°. NP2:φ:115.00000°;δ78.00000°;λ175.00000°. Principal axes: T 2.3000,Plg12.0000°; Azm71.0000°; N 0.0000,Plg77.0000°; Azm229.0000°; P -2.3000,Plg5.0000°; Azm340.0000°; M₀:2.30000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves: NP1: φ:112.00000°;δ60.00000°;λ174.00000°. NP2:φ:205.00000°;δ85.00000°;λ30.00000°. Principal axes: T Plg24.0000°; Azm73.0000°; N Plg0.0000°; Azm0.0000°; P Plg17.0000°; Azm335.0000°
 ISCJB Event type fe. Error ellipse: s-maj=3.6km s-min=1.4km az=9.5.
 MOS Error ellipse: s-maj=8.1km s-min=7.3km az=136.4.
 HRVD Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s112,c276; Mantle waves: s116,c481; Half duration: 3s2 Moment tensor: Scale 10¹⁸Nm; M_r:0.10±.01 M_θ:2.28±.01; M_φ:2.38±.01; M_{rr}:0.04±.04; M_{θθ}:1.36±.01; M_{φφ}:0.72±.04; Best double couple: NP1:φ:119.00000°;δ78.00000°;λ173.00000°. NP2: φ:211.00000°;δ83.00000°;λ12.00000°. Principal axes: T 2.9140,Plg13.0000°; Azm75.0000°; N -0.2560,Plg76.0000°; Azm240.0000°; P -2.6570,Plg3.0000°; Azm344.0000°; M₀:2.78500×10¹⁸

IDC	Error ellipse: s-maj=8.2km s-min=5.0km az=154.0.									
SZGRF	Near Islands, Aleutian Islands, United States.									
(124) Chile-Bolivia border region										
ISC	VI	27 11 24 37.0-16	21.25S-03	68.45W-03	124	5.2b	530	1-173		
MOS	VI	27 11 24 33.8-1.0	21.04S	68.53W	103	5.5b		18505503		
CSEM	VI	27 11 24 34.5	21.14S	68.33W	120	5.5b				
BJI	VI	27 11 24 34.5	20.69S	68.76W	107	5.3b				
ISCJB	VI	27 11 24 35.2-14	21.25S-03	68.49W-03	122	5.2b				
IDC	VI	27 11 24 35.8-33	21.35S	68.22W	119-2	5.3,5.0				
GUC	VI	27 11 24 36.4-85	21.53S	69.30W	120-0	5.4,5.0				
LDG	VI	27 11 24 36.5-32	20.67S	68.61W	118-0	5.1b,4.1s				
NEIC	VI	27 11 24 36.5-14	21.29S	68.52W	122	5.5W,5.2b				
HRVD	VI	27 11 24 36.5-10	21.42S	68.89W	134-0	5.5W,5.2b				
ISC	Event type fe.									
MOS	Error ellipse: s-maj=10.2km s-min=6.7km az=100.3.									
ISCJB	Event type fe. Error ellipse: s-maj=4.5km s-min=3.7km az=106.0.									
IDC	Error ellipse: s-maj=13.9km s-min=7.0km az=95.0.									
GUC	Error ellipse: s-maj=6.0km s-min=10.2km az=1.0.									
LDG	Event type ke. Error ellipse: s-maj=31.8km s-min=12.9km az=160.0.									
NEIC	Event type fe. Error ellipse: s-maj=5.0km s-min=3.8km az=52.0. Felt [IV] at La Tirana, Pica and Pozo Almonte; [III] at Huara and Iquique; [II] at Camina, Pisagua, Rio Loa and Tocopilla. Moment Tensor Solution. s9 Moment tensor: Scale 1017Nm; M ₁₁ =-0.79 M ₂₂ =0.04 M ₃₃ =0.83 M ₁₂ =0.83 M ₁₃ =0.27 M ₂₃ =0.19 Best double couple: NP1:φ=337.00000°, λ=93.00000°, λ=93.00000°, NP2:φ=173.00000°, λ=11.00000°, λ=74.00000°. Principal axes: T 2.3400,Plg34.0000°; Azm70.0000°; N -0.1000,Plg3.0000°, Azm338.0000°; P -2.2300,Plg56.0000°, Azm244.0000° M ₂ 2.300000x10 ¹⁷									
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s81,c129; Mantle waves: s94,c178;Half duration: 1s3 Moment tensor: Scale 1017Nm; M ₁₁ =1.02±0.03 M ₂₂ =-0.00±0.03; M ₃₃ =1.03±0.04; M ₁₂ =0.82±0.02; M ₁₃ =0.13±0.03; M ₂₃ =1.35±0.03; Best double couple: NP1:φ=189.00000°, λ=91.00000°, λ=56.00000°; NP2:φ=333.00000°, λ=874.00000°, λ=101.00000°. Principal axes: T 1.8350,Plg28.0000°; Azm72.0000°; N 0.1120,Plg11.0000°, Azm336.0000°; P -1.9380,Plg59.0000°, Azm228.0000° M ₁ 1.887000x10 ¹⁷									
(105) Near coast of Ecuador										
ISC	VI	27 13 41 17.6-26	2.83S-05	79.65W-05	35	5.0s,4.8b	253	3-158		
IDC	VI	27 13 41 11.5-63	2.81S	79.66W	0	4.8,4.7b		18496024		
BJI	VI	27 13 41 14.2	2.90S	79.80W	25	5.4s,5.2b				
ISCJB	VI	27 13 41 15.3-26	2.84S-05	79.77W-05	33	5.0s,4.8b				
MOS	VI	27 13 41 15.5-1.1	2.84S	80.02W	33	5.1b,4.8b				
NEIC	VI	27 13 41 15.3-29	2.91S	79.81W	25	4.9b,4.8b				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=25.0km s-min=11.8km az=61.0.									
ISCJB	Event type fe. Error ellipse: s-maj=9.1km s-min=5.1km az=94.5.									
MOS	Error ellipse: s-maj=14.3km s-min=8.3km az=104.2.									
NEIC	Error ellipse: s-maj=11.3km s-min=5.7km az=56.0. Felt strongly at Guayaquil.									
(228) Near east coast of eastern Honshu										
ISC	VI	27 14 21 51.9-44	35.57N-04	140.08E-06	73-3	4.0b	42	0-75		
IDC	VI	27 14 21 49.5-1.7	35.64N	140.40E	54-15	4.0,3.8L		18750828		
BJI	VI	27 14 21 51.4	35.50N	139.90E	78	4.2b,3.8L				
ISCJB	VI	27 14 21 51.1-46	35.55N-04	140.06E-06	81-3	4.0b,3.8L				
JMA	VI	27 14 21 51.7-20	35.64N	140.06E	69-2	4.0,3.8L				
NEIC	VI	27 14 21 53.4-2.6	35.55N	139.88E	79-15	4.5b,4.1W				
NIED	VI	27 14 22 00	35.60N	140.10E	59	4.1W,4.1W				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=19.4km s-min=6.9km az=68.0.									
ISCJB	Event type fe. Error ellipse: s-maj=8.7km s-min=5.2km az=109.3.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=119.00000°, λ=11.00000°, λ=33.00000°; NP2:φ=357.00000°, λ=84.00000°, λ=100.00000°. Principal axes: T Plg50.0000°, Azm277.0000°; N Plg9.0000°, Azm176.0000°; P Plg38.0000°, Azm78.0000°									
NEIC	Event type se. Error ellipse: s-maj=53.4km s-min=12.2km az=72.0. Moment Tensor Solution. M ₁ 1.800000x10 ¹⁵									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=334.00000°, λ=671.00000°, λ=97.00000°; NP2:φ=134.00000°, λ=820.00000°, λ=71.00000°. M ₁ 1.830000x10 ¹⁵									
(12) Alaska Peninsula										
ISC	VI	27 15 12 38.7-29	54.61N-05	160.90W-05	33	4.7b,4.3s	172	1-150		
MOS	VI	27 15 12 33.0-99	54.49N	161.12W	10	5.1b,4.3s		110699126		
NEIC	VI	27 15 12 35.8	54.41N	160.77W	4	4.7b,4.3L				
ISCJB	VI	27 15 12 36.7-29	54.57N-05	160.91W-05	31	4.7b,4.3s				
BJI	VI	27 15 12 37.9	55.09N	161.60W	24	5.0b,4.8b				
SZGRF	VI	27 15 12 39.5	54.30N	159.60W	33	4.7b,4.8b				
IDC	VI	27 15 12 39.0-95	54.75N	160.88W	30-4	4.2L,4.2				
ISC	Event type fe.									
MOS	Error ellipse: s-maj=14.8km s-min=6.0km az=92.6.									
NEIC	Event type fe. Felt at King Cove. After AEIC.									
ISCJB	Event type fe. Error ellipse: s-maj=7.0km s-min=3.5km az=138.2.									
SZGRF	South of Alaska.									
IDC	Error ellipse: s-maj=21.8km s-min=14.0km az=2.0.									
(117) Southern Peru										
ISC	VI	27 15 53 19.3-17	15.29S-04	70.43W-03	203	4.9b	393	2-169		
SZGRF	VI	27 15 53 01.5	14.78S	69.95W	201	5.1b		18505514		
ISCJB	VI	27 15 53 17.5-17	15.29S-04	70.52W-03	201	4.9b				
IDC	VI	27 15 53 17.7-61	15.31S	70.57W	191-4	5.0,4.7				
NEIC	VI	27 15 53 18.6-17	15.32S	70.48W	201	5.0b,4.7				
MOS	VI	27 15 53 18.1-1.1	15.00S	70.46W	195	5.3b,4.7				
HRVD	VI	27 15 53 18.6-20	15.41S	70.88W	195-1	5.3W,4.7				
BJI	VI	27 15 53 19.6	15.30S	70.50W	201	5.1b,4.7				
LDG	VI	27 15 53 21.5-55	14.82S	69.88W	205-0	4.7b,3.9s				
ISC	Event type fe.									
SZGRF	Peru-Bolivia border region.									
ISCJB	Event type fe. Error ellipse: s-maj=5.9km s-min=3.5km az=65.8.									
IDC	Error ellipse: s-maj=12.7km s-min=8.3km az=41.0.									
NEIC	Event type fe. Error ellipse: s-maj=6.1km s-min=4.0km az=49.0. Felt [II] at Arica, Chile.									
MOS	Error ellipse: s-maj=9.6km s-min=6.9km az=100.8.									
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s54,c79; Mantle waves: s91,c137;Half duration: 1s1 Moment tensor: Scale 1017Nm; M ₁₁ =-0.20±0.02 M ₂₂ =0.37±0.03; M ₃₃ =-0.17±0.03; M ₁₂ =0.70±0.02; M ₁₃ =0.10±0.02; M ₂₃ =-0.73±0.02; Best double couple: NP1:φ=65.00000°, λ=816.00000°, λ=159.00000°; NP2:φ=315.00000°, λ=884.00000°, λ=75.00000°. Principal axes: T 1.0670,Plg38.0000°, Azm32.0000°; N -0.0080,Plg15.0000°, Azm133.0000°; P -1.0580,Plg49.0000°, Azm241.0000° M ₁ 1.063000x10 ¹⁷									
LDG	Event type ke. Error ellipse: s-maj=32.2km s-min=18.0km az=33.0.									
(235) Kyushu										
JMA	VI	28 00 24 37.8	31.60N	129.55E	11	3.9				
NIED	VI	28 00 24 00	31.60N	129.50E	5	3.4W		19262474		
JMA	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=99.00000°, λ=875.00000°, λ=51.00000°; NP2:φ=207.00000°, λ=842.00000°, λ=157.00000°. M ₁ 1.620000x10 ¹⁴									
(230) Near south coast of eastern Honshu										
ISC	VI	28 00 40 24.0-28	35.87N-03	139.88E-05	119-2	4.4b	107	0-148		
NIED	VI	28 00 40 00	35.90N	139.90E	107	4.2W		18750857		
BJI	VI	28 00 40 23.0	35.96N	139.92E	137	4.8b,4.6b				
ISCJB	VI	28 00 40 23.0-28	35.85N-03	139.85E-05	125-2	4.4b,4.6b				
MOS	VI	28 00 40 23.9-96	35.77N	139.66E	132	4.5b,4.6b				
IDC	VI	28 00 40 25.0-89	35.79N	139.73E	126-7	4.3,4.0				
JMA	VI	28 00 40 24.3-10	35.89N	139.92E	112-2	4.1,4.0				
NEIC	VI	28 00 40 24.7-62	35.81N	139.74E	124-5	4.6b,4.2W				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=207.00000°, λ=886.00000°, λ=67.00000°; NP2:φ=305.00000°, λ=824.00000°, λ=170.00000°. M ₂ 3.700000x10 ¹⁵									
ISCJB	Event type fe. Error ellipse: s-maj=6.6km s-min=4.4km az=134.2.									
MOS	Error ellipse: s-maj=21.0km s-min=8.0km az=117.4.									
IDC	Error ellipse: s-maj=19.1km s-min=7.1km az=68.0.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=299.00000°, λ=822.00000°, λ=168.00000°; NP2:φ=199.00000°, λ=886.00000°, λ=69.00000°. Principal axes: T Plg37.0000°, Azm270.0000°; N Plg21.0000°, Azm177.0000°; P Plg45.0000°, Azm130.0000°									

NEIC	Event type fe. Error ellipse: s-maj=8.6km s-min=6.3km az=90.0. Recorded [2 JMA] in Fukushima, Ibaraki, Saitama, Tochigi and Tokyo; [1 JMA] in Chiba, Gumma, Kanagawa and Yamaguchi Prefatures. Moment Tensor Solution. M ₂ 2.40000x10 ¹⁵									
(162) South Island										
WEL	VI	28 06 44 51.9-08	43.74S	170.10E	5-0	3.7L				
NEIC	VI	28 06 44 52.0	43.74S	170.09E	5	3.8L		19222790		
WEL	Event type fe. Error ellipse: s-maj=0.9km s-min=0.7km az=90.0. Felt from West Coast to Canterbury, maximum reported intensity MM 4.									
NEIC	Event type se. After WEL.									
(706) Northern Sumatera										
ISC	VI	28 17 44 12.9-21	0.88N-03	98.75E-04	96	4.8b	252	2-146		
MOS	VI	28 17 44 04.3-94	1.00N	98.77E	33	5.2b		18505558		
BJI	VI	28 17 44 10.7	0.93N	98.59E	92	4.9b,4.7b				
SZGRF	VI	28 17 44 10.7	0.79N	97.02E	33	4.9b,4.7b				
IDC	VI	28 17 44 11.5-68	0.91N	98.84E	83-6	4.6,4.3				
NEIC	VI	28 17 44 11.3-20	0.86N	98.70E	83	4.9b,4.3				
ISCJB	VI	28 17 44 11.0-21	0.88N-03	98.73E-04	94	4.8b,4.3				
ISC	Event type fe.									
SZGRF	Northern Sumatera, Indonesia.									
NEIC	Event type fe. Felt [III] at Sibolga, Sumatera.									
ISCJB	Event type fe.									
(353) Southern Iran										
ISC	VI	28 21 02 10.7-10	26.86N-01	55.82E-01	16	5.7b,5.5s	1709	1-170		
BGS	VI	28 21 02 04.2	26.31N	56.23E	10	5.7b,5.5s		18496055		
BJI	VI	28 21 02 07.6	27.41N	55.52E	11	6.0b,5.9s				
MOS	VI	28 21 02 08.7-94	27.00N	55.83E	10	5.9b,5.5s				
CSEM	VI	28 21 02 08.0-04	26.80N	55.88E	16	5.9b,5.7b				
IDC	VI	28 21 02 08.2-39	26.91N	55.88E	0	5.5,5.5s				
ISCJB	VI	28 21 02 08.7-10	26.84N-01	55.81E-01	15	5.7b,5.5s				
HRVD	VI	28 21 02 09.2-10	26.77N	55.81E	12	5.8W,5.5s				
THR	VI	28 21 02 09.2-74	26.82N	55.90E	10-4	5.6L,5.5s				
NEIC	VI	28 21 02 09.9-14	26.93N	55.87E	11	5.8b,5.7W				
SFS	VI	28 21 02 09.0	26.97N	55.84E	10	5.8L,5.7W				
SZGRF	VI	28 21 02 10.6	26.7							

NEIC VI 29 22 27 36.6 18.65N 65.16W 25 3.5,3.5
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=6.4km s-min=2.9km az=177.3.
 RSPR Event type ke.
 NEIC Event type fe. Felt on St. John and St. Thomas, U.S. Virgin Islands. Also felt in eastern Puerto Rico. After RSPR.

(43) Southern California

ISC VI 30 00 28 05.7-37 33.18N-.03 116.03W-.02 10 3.4s 98 1-102
 BJI VI 30 00 28 04.8 33.10N 116.83W 9 4.8b,4.7b ¶18750957
 ISCJB VI 30 00 28 05.1-39 33.24N-.03 116.02W-.02 10 3.4s,4.7b
 NEIC VI 30 00 28 06.6 33.24N 116.04W 4 4.3L,4.7b
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=4.8km s-min=2.8km az=16.3.
 NEIC Event type fe. Felt [IV] at Thermal, [III] at El Cajon and [II] at Aliso Viejo, Cathedral City, La Quinta, Palm Springs and San Diego. Felt at Borrego Springs, El Centro, Palm Desert and Pine Valley. After PAS.

(2) Southern Alaska

ISC VI 30 05 24 38.1-21 59.17N-.03 153.39W-.05 80 4.5b 222 1-149
 BJI VI 30 05 24 34.5 59.10N 153.20W 67 5.0b,4.8b ¶18505645
 MOS VI 30 05 24 35.8-88 59.17N 153.59W 71 5.0b,4.8b
 ISCJB VI 30 05 24 36.7-20 59.16N-.03 153.39W-.05 78 4.5b,4.8b
 IDC VI 30 05 24 38.0-63 59.06N 153.35W 85-7 4.2,4.0
 NEIC VI 30 05 24 39.6 59.07N 153.18W 67 4.6L,4.5b
 ISC Event type fe.
 MOS Error ellipse: s-maj=12.6km s-min=5.9km az=84.9.
 ISCJB Event type fe. Error ellipse: s-maj=4.5km s-min=3.5km az=162.9.
 IDC Error ellipse: s-maj=14.5km s-min=9.3km az=73.0.
 NEIC Event type fe. Felt [II] at Homer. Also felt at Anchor Point. After AEIC.

(457) Eastern Idaho

ISC VI 30 16 55 02.6-17 42.50N-.01 111.52W-.02 10 4.2b,3.9s 164 0-130
 IDC VI 30 16 55 00.8-53 42.56N 111.60W 0 4.0,3.9 ¶110699169
 ISCJB VI 30 16 55 01.1-17 42.47N-.02 111.54W-.02 10 4.2b,3.9s
 NEIC VI 30 16 55 01.0 42.43N 111.57W 0 4.3L,4.2b
 BJI VI 30 16 55 02.3 42.97N 111.78W 9 5.3b,5.0b
 ISC Event type fe.
 IDC Error ellipse: s-maj=12.7km s-min=5.7km az=168.0.
 ISCJB Event type fe. Error ellipse: s-maj=2.8km s-min=1.9km az=63.9.
 NEIC Event type fe. Felt [IV] at Montpelier; [III] at Grace, Paris and Preston; [II] at Soda Springs. Felt at Downey, Geneva, Malad City, McCammon and Thatcher. Also felt at Richmond and Tremonton, Utah. After SLC. Moment Tensor Solution. M_0 1.90000 \times 10¹⁵

(460) Wyoming

ISC VI 30 18 02 49.9-43 43.78N-.04 105.17W-.05 0 4.0b 48 1-90
 ISCJB VI 30 18 02 47.9-50 43.77N-.04 105.14W-.06 0 4.0b ¶19222893
 IDC VI 30 18 02 47.0-2.2 43.20N 104.99W 0 3.9b,3.9
 NEIC VI 30 18 02 50.2-30 43.76N 105.23W 0 3.4L,3.9
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=6.4km s-min=5.6km az=96.8.
 IDC Error ellipse: s-maj=64.2km s-min=9.5km az=153.0.
 NEIC Event type fm. Error ellipse: s-maj=4.6km s-min=3.6km az=146.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.

(228) Near east coast of eastern Honshu

ISC VI 30 23 28 14.8-10 38.55N-.02 141.98E-.02 42 5.5b,4.7s 977 1-156
 NIED VI 30 23 28 00 38.40N 142.20E 44 5.2W,4.7s ¶110699174
 IDC VI 30 23 28 08.0-42 38.42N 142.04E 0 5.2b,5.2
 CSEM VI 30 23 28 08.8 38.56N 141.94E 10 5.5b,5.2
 BJI VI 30 23 28 10.2 38.41N 142.11E 34 5.5b,5.2b
 BGS VI 30 23 28 11.6-1.2 38.04N 141.88E 33-0 5.4b,5.2b
 ISCJB VI 30 23 28 13.0-10 38.50N-.02 142.02E-.02 40 5.5b,4.7s
 HRVD VI 30 23 28 13.2-20 38.49N 142.28E 50-0 5.2W,4.7s
 JMA VI 30 23 28 13.2-10 38.47N 142.16E 40-1 5.3,4.7s
 NEIC VI 30 23 28 13.2 38.47N 142.16E 40 5.4b,5.2W
 MOS VI 30 23 28 13.2-74 38.65N 142.00E 37 5.7b,4.8s
 SZGRF VI 30 23 28 19.8 39.34N 142.25E 43 5.8b,4.9s
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1: ϕ -22.00000°, δ 72.00000°, λ 94.00000°; NP2: ϕ -189.00000°, δ 18.00000°, λ 77.00000°. M_0 6.72000 \times 10¹⁶
 IDC Error ellipse: s-maj=15.5km s-min=12.2km az=101.0.
 BGS Error ellipse: s-maj=157.7km s-min=498.0km az=-1.0.
 ISCJB Event type fe. Error ellipse: s-maj=2.8km s-min=1.8km az=136.6.
 HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s62,c99; Mantle waves: s75,c144; Half duration: 1s0 Moment tensor: Scale 10¹⁶Nm; M_{rr} 6.35 \pm 19 $M_{\theta\theta}$ -0.58 \pm 13; $M_{\phi\phi}$ -5.77 \pm 13; $M_{r\theta}$ 1.67 \pm 12; $M_{r\phi}$ -1.83 \pm 10; $M_{\theta\phi}$ 3.91 \pm 11; Best double couple: NP1: ϕ -195.00000°, δ 28.00000°, λ 85.00000°; NP2: ϕ -21.00000°, δ 62.00000°, λ 93.00000°. Principal axes: T 7.6510,Plg73.0000°,Azm298.0000°; N -0.0150,Plg3.0000°,Azm199.0000°; P -7.6330,Plg17.0000°,Azm109.0000° M_0 7.64200 \times 10¹⁶

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: ϕ -198.00000°, δ 34.00000°, λ 65.00000°; NP2: ϕ -48.00000°, δ 59.00000°, λ 106.00000°. Principal axes: T Plg71.0000°,Azm355.0000°; N Plg14.0000°,Azm219.0000°; P Plg13.0000° Azm126.0000°

NEIC Event type fe. Recorded [3 JMA] in Iwate and Miyagi; [2 JMA] in Akita, Aomori, Fukushima and Yamagata; [1 JMA] in Ibaraki, Kanagawa and Tochigi Prefectures. After JMA. Moment Tensor Solution. M_0 6.70000 \times 10¹⁶

MOS Error ellipse: s-maj=7.0km s-min=3.5km az=109.5.
 SZGRF Near east coast of eastern Honshu, Japan.

PROBABLE EXPLOSIONS

(543) Germany											
ISC	I	01 20 41 51.7-33	49.37N-02	6.88E-04	0					54	0-5
ISCJB	I	01 20 41 50.6-33	49.37N-02	6.87E-04	0					18012030	
BNS	I	01 20 41 52.5-96	49.38N	6.79E	1	1.4L					
NEIC	I	01 20 41 52.2	49.38N	6.91E	1	2.5L,2.1L					
LDG	I	01 20 41 52.2-12	49.38N	6.91E	1-0	2.5L,2.5					
BGR	I	01 20 41 52.1-48	49.38N	6.88E	1	1.7L,2.5					
CSEM	I	01 20 41 52.0-06	49.38N	6.92E	1	2.4L,2.5					
Event type sr.											
ISCJB	I	Event type sr. Error ellipse: s-maj=3.5km s-min=2.3km az=10.6.									
BNS	I	Event type ki.									
NEIC	I	Event type se. After LDG.									
LDG	I	Event type sr. Error ellipse: s-maj=2.6km s-min=2.0km az=84.0. Suspected Mining induced.									
BGR	I	Event type ki. Error ellipse: s-maj=6.7km s-min=3.3km az=109.0.									
CSEM	I	Event type ki. Error ellipse: s-maj=1.3km s-min=1.0km az=103.0.									
(536) Sweden											
HEL	I	02 00 34 13.0-10	67.84N	20.22E	0	2.4L,2.2L					
IDC	I	02 00 34 12.8-93	67.85N	20.51E	0	3.0,2.9				18012035	
NAO	I	02 00 34 13.3-1.0	67.78N	20.40E	0	2.3L,2.9					
BER	I	02 00 34 14.4-3.4	67.86N	20.10E	0-0	2.3L,2.2L					
Event type kh. Error ellipse: s-maj=0.6km s-min=0.7km az=-1.0. Explosion.											
IDC	I	Error ellipse: s-maj=16.9km s-min=5.6km az=122.0.									
NAO	I	Error ellipse: s-maj=0.1km s-min=0.2km az=-1.0.									
BER	I	Event type sh. Error ellipse: s-maj=5.3km s-min=17.2km az=-1.0. Suspected explosion.									
(543) Germany											
ISC	I	02 13 51 37.4-17	49.309N-01	6.79E-02	0					219	0-6
VIE	I	02 13 51 27.8-61	49.74N	5.99E	10-0	3.2L,2.4b				18012041	
ISCJB	I	02 13 51 36.5-18	49.30N-01	6.79E-02	0	3.2L,2.4b					
BGR	I	02 13 51 38.1-24	49.34N	6.87E	1	2.4L,2.4b					
LDG	I	02 13 51 38.7-05	49.33N	6.83E	1-0	3.2L,3.2					
STR	I	02 13 51 38.4-25	49.31N	6.81E	1-1	2.7L,3.2					
CSEM	I	02 13 51 38.5-04	49.33N	6.83E	1	3.2L,3.2					
NEIC	I	02 13 51 38.7	49.32N	6.83E	1	3.2L,3.2					
UCC	I	02 13 51 39.5-37	49.34N	6.78E	1-1	2.3L,3.2					
BNS	I	02 13 51 40.1-63	49.38N	6.82E	1	2.6L,3.2					
Event type sr.											
VIE	I	Error ellipse: s-maj=9.5km s-min=3.9km az=57.0. 30 km NW of Petingen.									
ISCJB	I	Event type sr. Error ellipse: s-maj=1.7km s-min=1.4km az=153.4.									
BGR	I	Event type ki. Error ellipse: s-maj=3.3km s-min=3.3km az=152.0.									
LDG	I	Event type sr. Error ellipse: s-maj=1.2km s-min=0.9km az=99.0. Suspected Mining induced.									
STR	I	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.									
CSEM	I	Event type ki. Error ellipse: s-maj=0.8km s-min=0.7km az=83.0.									
NEIC	I	Event type se. After LDG.									
UCC	I	Event type ki.									
BNS	I	Event type ki.									
(536) Sweden											
HEL	I	02 19 14 44.1-10	67.17N	20.67E	0	2.3L,2.3L					
IDC	I	02 19 14 43.9-76	67.18N	20.84E	0	2.8,2.8				18012044	
NAO	I	02 19 14 44.3-1.0	67.12N	20.91E	0	2.3L,2.8					
BER	I	02 19 14 45.4-4.3	67.21N	20.62E	0-0	2.3L,2.2L					
Event type kh. Error ellipse: s-maj=0.5km s-min=0.5km az=-1.0. Explosion.											
IDC	I	Error ellipse: s-maj=14.3km s-min=5.5km az=117.0.									
NAO	I	Error ellipse: s-maj=0.1km s-min=0.1km az=-1.0.									
BER	I	Event type sh. Error ellipse: s-maj=6.2km s-min=17.4km az=-1.0. Suspected explosion.									
(548) Poland											
ISC	I	03 16 54 48.9-42	51.49N-02	16.15E-03	0					93	1-123
ISCJB	I	03 16 54 48.9-49	51.38N-03	16.09E-03	0					18184850	
NEIC	I	03 16 54 48.6-70	51.56N	16.25E	5	3.0L,2.6L					
BGR	I	03 16 54 49.1-63	51.44N	16.20E	1	3.0L,2.6L					
CSEM	I	03 16 54 49.6-11	51.50N	16.15E	1	3.3L,2.6L					
IPEC	I	03 16 54 50.8-33	51.42N	16.63E	0	2.4L,2.6L					
IDC	I	03 16 54 50.7-1.0	51.41N	16.08E	0	3.5,3.4					
PRU	I	03 16 54 50.9	51.41N	16.16E	0	3.5,3.4					
WAR	I	03 16 54 50.4	51.48N	16.11E	0	2.8L,3.4					
VIE	I	03 16 54 52.5-56	51.25N	16.10E	0-0	2.8L,2.6b					
Event type kr.											
ISCJB	I	Event type kr. Error ellipse: s-maj=4.0km s-min=2.2km az=28.1.									
NEIC	I	Event type se. Error ellipse: s-maj=9.2km s-min=6.6km az=205.0.									
BGR	I	Event type ki. Error ellipse: s-maj=12.2km s-min=5.6km az=172.0.									
CSEM	I	Event type ki. Error ellipse: s-maj=2.1km s-min=1.5km az=31.0.									
IPEC	I	Event type ki. Error ellipse: s-maj=3.2km s-min=2.0km az=88.0.									
IDC	I	Error ellipse: s-maj=17.6km s-min=9.1km az=124.0.									
PRU	I	Event type ki.									
WAR	I	Event type kr. Mining induced.									
VIE	I	Event type sr. Error ellipse: s-maj=3.8km s-min=3.4km az=100.0. 65 km WNW of Breslau. Suspected Mining induced.									
(536) Sweden											
ISC	I	03 18 59 22.3-37	67.06N-02	20.95E-07	0					37	0-8
ISCJB	I	03 18 59 21.4-38	67.05N-03	20.94E-07	0					18437642	
IDC	I	03 18 59 22.6-83	67.04N	21.24E	0	3.0,2.9					
HEL	I	03 18 59 22.9-10	67.09N	20.95E	0	2.0L,1.8L					
Event type kh.											
ISCJB	I	Event type kh. Error ellipse: s-maj=4.5km s-min=3.3km az=109.6.									
IDC	I	Error ellipse: s-maj=15.8km s-min=6.6km az=115.0.									
HEL	I	Event type kh. Error ellipse: s-maj=1.0km s-min=0.8km az=-1.0. Explosion.									
(548) Poland											
ISC	I	03 19 10 24.9-1.0	51.50N-05	16.16E-05	0					45	1-4
NEIC	I	03 19 10 24.6-3.2	51.58N	16.20E	5	3.0L,2.4L				18760188	
CSEM	I	03 19 10 24.2-23	51.57N	16.18E	1	2.8L,2.4L					
WAR	I	03 19 10 25.7	51.53N	16.16E	0	2.2L,2.4L					
ISCJB	I	03 19 10 25.8-94	51.40N-05	16.04E-05	0	2.2L,2.4L					
PRU	I	03 19 10 26.1	51.46N	16.17E	0	2.2L,2.4L					
IPEC	I	03 19 10 26.0-34	51.48N	16.47E	0	1.6L,2.4L					
VIE	I	03 19 10 28.0-84	51.32N	16.24E	0-0	2.4L,1.7b					
Event type kr.											
NEIC	I	Event type se. Error ellipse: s-maj=35.5km s-min=10.9km az=35.0.									
CSEM	I	Event type ki. Error ellipse: s-maj=4.1km s-min=2.1km az=23.0.									
WAR	I	Event type kr. Mining induced.									
ISCJB	I	Event type kr. Error ellipse: s-maj=7.0km s-min=4.0km az=31.3.									
PRU	I	Event type ki. Felt In Harrachov.									
IPEC	I	Event type ki. Error ellipse: s-maj=3.3km s-min=2.1km az=93.0.									
VIE	I	Event type sr. Error ellipse: s-maj=6.3km s-min=5.1km az=95.0. 59 km WNW of Breslau. Suspected Mining induced.									
(543) Germany											
ISC	I	03 21 37 01.5-54	49.37N-03	6.89E-04	0					20	1-5
ISCJB	I	03 21 37 00.3-53	49.36N-03	6.90E-04	0					18012076	
BGR	I	03 21 37 01.9-43	49.36N	6.86E	1	1.7L					
LDG	I	03 21 37 01.9-11	49.38N	6.93E	1-0	2.5,2.4L					
Event type sr.											
ISCJB	I	Event type sr. Error ellipse: s-maj=4.0km s-min=3.8km az=94.2.									
BGR	I	Event type ki. Error ellipse: s-maj=7.8km s-min=4.4km az=34.0.									
LDG	I	Event type sr. Error ellipse: s-maj=2.1km s-min=1.8km az=111.0. Suspected Mining induced.									
(548) Poland											
WAR	I	04 05 30 40.4	50.26N	18.90E	2	2.5L					
NEIC	I	04 05 30 40.0-1.0	50.25N	18.86E	5	2.6				19273394	
PRU	I	04 05 30 41.1	50.22N	18.78E	0	2.6					
Event type kr. Mining induced.											
WAR	I	Event type se. Error ellipse: s-maj=18.6km s-min=7.5km az=190.0.									
PRU	I	Event type ki.									
(536) Sweden											
HEL	I	04 07 32 14.9-10	67.82N	20.21E	0	2.5L					
CSEM	I	04 07 32 13.0-11	67.81N	20.18E	1	2.5L				18437651	
UPP	I	04 07 32 14.1E	67.83N	20.21E	0	2.5L					
Event type kh. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Explosion.											
HEL	I	Event type km. Error ellipse: s-maj=3.6km s-min=2.8km az=153.0. Mining explosion.									
CSEM	I	Event type km. Mining explosion.									
UPP	I	Event type km. Mining explosion.									
(460) Wyoming											
ISC	I	04 19 09 22.3-55	43.67N-05	105.28W-07	0					26	1-20

ISCJB	I	04 19 09 20.8-56	43.67N-05	105.30W-07	0						19477634
NEIC	I	04 19 09 22.3-36	43.64N	105.30W	0	3.1L					
IDC	I	04 19 09 23.2-1.7	43.62N	105.34W	0	3.4,3.3					
Event type fm.											
ISCJB	I	Event type fm. Error ellipse: s-maj=8.0km s-min=6.0km az=59.6.									
NEIC	I	Event type fm. Error ellipse: s-maj=5.3km s-min=4.1km az=126.0. 75 km [45 miles] SSE of Gillette. Suspected Mining explosion.									
IDC	I	Error ellipse: s-maj=44.7km s-min=9.6km az=151.0.									
(543) Germany											
ISC	I	05 06 31 38.0-28	49.31N-01	6.81E-03	0					58	0-5
ISCJB	I	05 06 31 37.0-02	49.31N-01	6.82E-03	0					18029780	
BGR	I	05 06 31 38.8-45	49.31N	6.85E	1	1.9L					
CSEM	I	05 06 31 38.7-07	49.33N	6.88E	1	2.9L					
NEIC	I	05 06 31 38.4	49.31N	6.83E	1	2.9L,2.2L					
LDG	I	05 06 31 39.0-09	49.33N	6.82E	1-0	2.9L,2.8					
BNS	I	05 06 31 40.6-55	49.40N	6.84E	1	1.8L,2.8					
Event type sr.											
ISCJB	I	Event type sr. Error ellipse: s-maj=2.9km s-min=1.9km az=14.4.									
BGR	I	Event type ki. Error ellipse: s-maj=7.8km s-min=4.4km az=37.0.									
CSEM	I	Event type ki. Error ellipse: s-maj=1.6km s-min=1.2km az=108.0.									
NEIC	I	Event type se. After STR.									
LDG	I	Event type sr. Error ellipse: s-maj=2.2km s-min=1.6km az=94.0. Suspected Mining induced.									
BNS	I	Event type ki.									
(548) Poland											
PRU	I	05 10 09 20.4	51.40N	16.22E	0						
VIE	I	05 10 09 20.4-52	51.31N	16.11E	0-0	2.5L,2.1b				18760226	
CSEM	I	05 10 09 20.2-29	51.43N	16.18E	1-1	3.0L,2.1b					
PRU	I	Event type ki.									
VIE	I	Event type sr. Error ellipse: s-maj=3.7km s-min=3.1km az=95.0. 67 km WNW of Breslau. Suspected Mining induced.									
CSEM	I	Event type sr. Error ellipse: s-maj=4.5km s-min=2.2km az=31.0. Suspected Mining induced.									
(724) Baltic States - Belarus - Northwestern Russia											
ISC	I	05 10 22 04.0-63	59.33N-03	27.00E-09	0					36	1-10
ISCJB	I										

WAR	Event type kr. Mining Induced.									
VIE	Event type sr. Error ellipse: s-maj=7.7km s-min=5.5km az=73.0. 85 km NE of Liberec.									
	Suspected Mining induced.									
	(536) Sweden									
HEL	I	10 00 17 09.1-10	67.85N	20.19E	0	2.7L,1.7L				
CSEM	I	10 00 17 04-18	67.81N	20.14E	1	1.7L,1.7L				¶8437809
UPP	I	10 00 17 08.3	67.84N	20.21E	0	2.7L,1.7L				
HEL	Event type kh. Error ellipse: s-maj=0.6km s-min=0.6km az=-1.0. Explosion.									
CSEM	Event type km. Error ellipse: s-maj=5.1km s-min=4.8km az=83.0. Mining explosion.									
UPP	Event type sm. Suspected Mining explosion.									
	(723) Finland-Karelia border region									
ISC	I	10 10 04 31.0-61	64.71N-03	30.7E-10	0				34	1-10
ISCJB	I	10 10 04 30.2-67	64.73N-03	30.7E-10	0					¶8078495
HEL	I	10 10 04 31.9-30	64.70N	30.67E	0	2.3L,2.0L				
NAO	I	10 10 04 32.1-1.6	64.74N	30.64E	0	2.3L,2.0L				
BER	I	10 10 04 33.2-5.0	64.70N	30.58E	0-0	2.3L,2.0L				
IDC	I	10 10 04 34.9-2.5	64.66N	30.94E	0	3.3,3.3				
ISC	Event type kh.									
ISCJB	Event type kh. Error ellipse: s-maj=7.9km s-min=4.2km az=11.8.									
HEL	Event type kh. Error ellipse: s-maj=1.7km s-min=3.0km az=-1.0. Explosion.									
NAO	Error ellipse: s-maj=0.1km s-min=0.2km az=1.0.									
BER	Event type sh. Error ellipse: s-maj=11.8km s-min=50.8km az=-1.0. Suspected explosion.									
IDC	Error ellipse: s-maj=36.4km s-min=8.2km az=102.0.									
	(724) Baltic States - Belarus - Northwestern Russia									
ISC	I	10 14 06 09.2-50	59.87N-04	24.36E-07	0				42	0-10
ISCJB	I	10 14 06 08.4-51	59.85N-04	24.29E-07	0					¶8078497
IDC	I	10 14 06 09.2-1.9	59.81N	24.56E	0	3.4,3.3				
HEL	I	10 14 06 09.8-1.0	59.84N	24.33E	0	2.2L,2.1L				
NAO	I	10 14 06 09.5-1.2	59.86N	24.30E	0	2.1L,2.1L				
BER	I	10 14 06 10.5-13	59.88N	24.38E	0-0	2.1L,2.1L				
ISC	Event type kh.									
ISCJB	Event type kh. Error ellipse: s-maj=5.5km s-min=4.8km az=154.0.									
IDC	Error ellipse: s-maj=20.6km s-min=6.8km az=145.0.									
HEL	Event type kh. Error ellipse: s-maj=0.8km s-min=0.7km az=-1.0. Explosion.									
NAO	Error ellipse: s-maj=0.1km s-min=0.1km az=1.0.									
BER	Event type sh. Error ellipse: s-maj=33.5km s-min=55.3km az=-1.0. Suspected explosion.									
	(724) Baltic States - Belarus - Northwestern Russia									
ISC	I	10 14 10 25.6-66	59.85N-04	24.37E-08	0				17	0-10
ISCJB	I	10 14 10 24.5-68	59.83N-04	24.30E-08	0					¶8437827
IDC	I	10 14 10 25.5-2.2	59.79N	24.62E	0	3.2,3.2				
HEL	I	10 14 10 26.5-1.0	59.85N	24.39E	0	1.7L,3.2				
ISC	Event type kh.									
ISCJB	Event type kh. Error ellipse: s-maj=5.9km s-min=5.5km az=21.7.									
IDC	Error ellipse: s-maj=24.7km s-min=7.7km az=143.0.									
HEL	Event type kh. Error ellipse: s-maj=0.3km s-min=0.4km az=-1.0. Explosion.									
	(548) Poland									
WAR	I	10 14 57 40.1	50.26N	18.86E	0	2.8L				
PRU	I	10 14 57 40.5	50.24N	18.75E	0	2.8L				¶9273454
CSEM	I	10 14 57 40.3-23	50.28N	18.78E	2	3.3L				
IPEC	I	10 14 57 40.0-15	50.23N	18.82E	3-1	2.3L				
NEIC	I	10 14 57 40.4-1.0	50.29N	18.92E	5	2.8				
WAR	Event type kr. Mining Induced.									
PRU	Event type ki.									
CSEM	Event type ki. Error ellipse: s-maj=5.6km s-min=2.9km az=13.0.									
IPEC	Event type ki. Error ellipse: s-maj=2.1km s-min=0.8km az=169.0.									
NEIC	Event type se. Error ellipse: s-maj=25.3km s-min=9.3km az=212.0.									
	(543) Germany									
ISC	I	10 15 32 29.1-49	49.39N-03	6.90E-04	0				28	1-5
ISCJB	I	10 15 32 28.1-49	49.38N-03	6.91E-04	0					¶8029985
CSEM	I	10 15 32 29.8-11	49.39N	6.96E	1	2.5L				
BGR	I	10 15 32 29.4-43	49.35N	6.85E	1	1.8L				
NEIC	I	10 15 32 29.8	49.39N	6.96E	1	2.5L				
LDG	I	10 15 32 29.8-11	49.39N	6.96E	1-0	2.5L,2.5				
ISC	Event type sr.									
ISCJB	Event type sr. Error ellipse: s-maj=4.2km s-min=3.6km az=126.6.									
CSEM	Event type ki. Error ellipse: s-maj=2.3km s-min=1.8km az=76.0.									
BGR	Event type ki. Error ellipse: s-maj=7.8km s-min=4.4km az=34.0.									
NEIC	Event type se. After LDG.									
LDG	Event type sr. Error ellipse: s-maj=2.5km s-min=1.9km az=78.0. Suspected Mining induced.									
	(548) Poland									
ISC	I	11 02 48 23.7-32	51.61N-02	16.01E-02	0	3.4b			145	1-60
ISCJB	I	11 02 48 23.2-40	51.51N-02	16.01E-02	0	3.4b				¶8185154
MOS	I	11 02 48 23.1-65	51.71N	16.10E	13	3.8b				
NEIC	I	11 02 48 24.1-33	51.69N	16.06E	5	3.0L,2.7L				
CSEM	I	11 02 48 24.9-12	51.57N	16.00E	1	3.6L,2.7L				
IDC	I	11 02 48 25.6-69	51.62N	15.97E	0	3.6,3.5				
WAR	I	11 02 48 25.6	51.58N	15.99E	0	3.0L,3.5				
IPEC	I	11 02 48 26.2-33	51.51N	16.58E	0	2.7L,3.5				
PRU	I	11 02 48 26.2	51.49N	15.99E	0	2.7L,3.5				
BGR	I	11 02 48 27.0-59	51.57N	15.83E	1	3.0L,3.5				
VIE	I	11 02 48 28.1-69	51.32N	15.96E	0-0	3.0L,2.6b				
ISC	Event type kr.									
ISCJB	Event type kr. Error ellipse: s-maj=3.3km s-min=2.0km az=30.4.									
MOS	Error ellipse: s-maj=11.1km s-min=5.0km az=87.8.									
NEIC	Event type se. Error ellipse: s-maj=4.8km s-min=4.4km az=70.0.									
CSEM	Event type ki. Error ellipse: s-maj=2.3km s-min=1.4km az=13.0.									
IDC	Error ellipse: s-maj=14.5km s-min=7.1km az=106.0.									
WAR	Event type kr. Mining Induced.									
IPEC	Event type ki. Error ellipse: s-maj=3.0km s-min=1.9km az=97.0.									
PRU	Event type ki.									
BGR	Event type ki. Error ellipse: s-maj=4.4km s-min=3.3km az=104.0.									
VIE	Event type sr. Error ellipse: s-maj=4.0km s-min=3.5km az=179.0. 77 km WNW of Breslau.									
	Suspected Mining induced.									
	(460) Wyoming									
ISC	I	11 19 12 50.7-54	43.78N-05	105.26W-07	0				23	1-20
ISCJB	I	11 19 12 49.3-56	43.78N-05	105.27W-07	0					¶9480434
NEIC	I	11 19 12 50.6-42	43.75N	105.25W	0	3.2L				
IDC	I	11 19 12 50.0-1.9	43.63N	105.37W	0	3.5,3.4L				
ISC	Event type fm.									
ISCJB	Event type fm. Error ellipse: s-maj=8.4km s-min=6.1km az=73.9.									
NEIC	Event type fm. Error ellipse: s-maj=6.8km s-min=5.0km az=147.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.									
IDC	Error ellipse: s-maj=44.0km s-min=9.7km az=152.0.									
	(536) Sweden									
HEL	I	12 00 17 04.2-10	67.84N	20.19E	0	3.1L				
CSEM	I	12 00 17 02.9-07	67.77N	20.14E	2	3.1L				¶8437869
UPP	I	12 00 17 03.6	67.84N	20.19E	0	3.1L				
HEL	Event type kh. Error ellipse: s-maj=0.7km s-min=0.6km az=-1.0. Explosion.									
CSEM	Event type km. Error ellipse: s-maj=2.3km s-min=2.0km az=112.0. Mining explosion.									
UPP	Event type km. Mining explosion.									
	(536) Sweden									
HEL	I	12 00 19 51.8-10	67.85N	20.18E	0	2.9L				
CSEM	I	12 00 19 49.6-10	67.84N	20.21E	2	2.9L				¶8437870
UPP	I	12 00 19 51.1	67.85N	20.21E	0	2.9L				
HEL	Event type kh. Error ellipse: s-maj=0.8km s-min=0.8km az=-1.0. Explosion.									
CSEM	Event type ke. Error ellipse: s-maj=2.8km s-min=2.7km az=159.0.									
UPP	Event type sm. Suspected Mining explosion.									
	(548) Poland									
ISC	I	12 05 08 34.2-34	51.54N-02	16.04E-02	0	3.5b			139	1-60
ISCJB	I	12 05 08 33.5-39	51.47N-02	16.04E-02	0	3.5b				¶8185174
MOS	I	12 05 08 33.9-1.5	51.63N	15.98E	10	3.8b				
IPEC	I	12 05 08 34.1-19	51.58N	16.12E	2-1	2.4L				
NEIC	I	12 05 08 34.2-50	51.61N	16.10E	5	3.1L,3.0L				
IDC	I	12 05 08 35.6-74	51.50N	16.01E	0	3.6,3.4b				
CSEM	I	12 05 08 35.9-14	51.49N	16.05E	0-0	3.3L,3.4b				
PRU	I	12 05 08 36.4	51.46N	15.99E	0	3.3L,3.4b				
BGR	I	12 05 08 36.4-60	51.45N	16.02E	1	3.1L,3.4b				
VIE	I	12 05 08 38.8-60	51.22N	16.18E	0-0	2.9L,2.6b				
ISC	Event type sr.									
ISCJB	Event type sr. Error ellipse: s-maj=3.2km s-min=1.9km az=23.1.									
MOS	Error ellipse: s-maj=14.2km s-min=6.0km az=82.5.									
IPEC	Event type ki. Error ellipse: s-maj=1.3km s-min=0.8km az=28.0.									
NEIC	Event type se. Error ellipse: s-maj=7.0km s-min=5.0km az=205.0.									
CSEM	Event type ki. Error ellipse: s-maj=13.7km s-min=6.9km az=119.0.									
PRU	Event type ki.									
BGR	Event type ki. Error ellipse: s-maj=6.7km s-min=4.4km az=159.0.									
VIE	Event type sr. Error ellipse: s-maj=4.1km s-min=3.6km az=102.0. 59 km WNW of Breslau.									
	Suspected Mining induced.									
	(548) Poland									
WAR	I	12 11 38 54.2	50.28N	18.83E	0	2.5L				
PRU	I	12 11 38 54.2	50.28N	18.78E	0	2.5L				¶9480673
VIE	I	12 11 38 57.6-73	49.91N	18.70E	0-0	2.5b,2.3L				
WAR	Event type kr. Mining Induced.									
PRU	Event type ki.									
VIE	Event type sr. Error ellipse: s-maj=4.4km s-min=4.0km az=6.0. 33 km ENE of Ostrava.									
	Suspected Mining induced.									
	(460) Wyoming									
ISC	I	12 18 29 29.2-51	44.15N-04	105.34W-07	0				31	1-19
ISCJB	I	12 18 29 27.6-52	44.15N-04	105.14W-07	0					¶9480780
NEIC	I	12 18 29 29.3-40	44.11N	105.34W	0	3.2L				
IDC	I	12 18 29 29.8-1.4	44.17N	105.67W	0	3.3,3.2				
ISC	Event type fm.									
ISCJB	Event type fm. Error ellipse: s-maj=7.1km s-min=5.8km az=64.1.									
NEIC	Event type fm. Error ellipse: s-maj=6.3km s-min=5.3km az=131.0. 25 km [15 miles] SE of Gillette. Suspected Mining explosion.									
IDC	Error ellipse: s-maj=41.7km s-min=8.7km az=145.0.									
	(460) Wyoming									
ISC	I	12 19 01 12.2-50	43.70N-04	105.12W-07	0				31	1-68
ISCJB	I	12 19 01 10.6-53	43.71N-04	105.14W-07	0					¶9480788
IDC	I	12 19 01 11.9-1.8	43.72N	105.45W	0	4.4b,3.9				
NEIC	I	12 19 01 12.4-41	43.69N	105.15W	0	3.1L,3.9				
ISC	Event type fm.									
ISCJB	Event type fm. Error ellipse: s-maj=7.4km s-min=5.9km az=65.8.									
IDC	Error ellipse: s-maj=53.2km s-min=8.2km az=149.0.									
NEIC	Event type fm. Error ellipse: s-maj=6.3km s-min=4.7km az=133.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.									
	(536) Sweden									
ISC	I	12 23 09 33.5-46	67.19N-03	20.70E-07	0				29	0-3
ISCJB	I	12 23 09 32.9-46	67.20N-03	20.71E-07	0					¶8437895
CSEM	I	12 23 09 32.0-09	67.26N	20.68E	1	2.9L				
UPP	I	12 23 09 33.5	67.19N	20.69E	6					

(536) Sweden									
HEL	I	14 18 06 04.6-10	67.18N	20.67E	0	2.8L			
CSEM	I	14 18 06 02.0-12	67.27N	20.77E	1	2.8L			¶8437980
UPP	I	14 18 06 04.1	67.18N	20.68E	5	2.8L			
HEL Event type kh. Error ellipse: s-maj=0.6km s-min=0.6km az=-1.0. Explosion.									
CSEM Event type km. Error ellipse: s-maj=4.5km s-min=3.0km az=38.0. Mining explosion.									
UPP Event type sm. Suspected Mining explosion.									
(460) Wyoming									
ISC	I	14 19 06 19.9-44	43.71N-04	105.26W-06	0	4.4b	32	1-61	
ISCJB	I	14 19 06 18.4-51	43.69N-04	105.30W-07	0	4.4b			¶9481468
NEIC	I	14 19 06 20.1-31	43.69N	105.31W	0	3.2L			
IDC	I	14 19 06 20.1-2.0	43.63N	105.42W	0	4.8b,4.0			
ISC Event type fm.									
ISCJB Event type fm. Error ellipse: s-maj=7.4km s-min=5.5km az=42.3.									
NEIC Event type fm. Error ellipse: s-maj=4.9km s-min=3.6km az=117.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.									
IDC Error ellipse: s-maj=47.7km s-min=8.4km az=151.0.									
(460) Wyoming									
ISC	I	14 20 00 21.2-42	43.73N-03	105.15W-06	0	4.5b	45	1-68	
IDC	I	14 20 00 17.4-2.2	43.20N	105.10W	0	4.1,3.9b			¶9481483
ISCJB	I	14 20 00 19.0-47	43.74N-03	105.09W-06	0	4.5b,3.9b			
NEIC	I	14 20 00 21.2-31	43.71N	105.15W	0	3.3L,3.9b			
ISC Event type fm.									
IDC Error ellipse: s-maj=46.2km s-min=7.3km az=154.0.									
ISCJB Event type fm. Error ellipse: s-maj=6.6km s-min=4.3km az=44.0.									
NEIC Event type fm. Error ellipse: s-maj=4.6km s-min=3.3km az=122.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.									
(460) Wyoming									
ISC	I	14 21 06 45.8-51	43.78N-05	105.24W-07	0		24	1-20	
ISCJB	I	14 21 06 44.2-53	43.78N-04	105.23W-07	0				¶9481497
IDC	I	14 21 06 44.5-2.4	43.53N	105.32W	0	3.5,3.3L			
NEIC	I	14 21 06 45.8-36	43.76N	105.24W	0	3.0L,3.3L			
ISC Event type fm.									
ISCJB Event type fm. Error ellipse: s-maj=8.1km s-min=5.9km az=51.1.									
IDC Error ellipse: s-maj=55.0km s-min=10.3km az=153.0.									
NEIC Event type fm. Error ellipse: s-maj=5.8km s-min=4.2km az=119.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.									
(536) Sweden									
HEL	I	15 19 41 08.0-10	67.17N	20.70E	0	2.8L,1.7L			
CSEM	I	15 19 41 06.1-12	67.26N	20.64E	0-1	1.7L,1.7L			¶8437997
UPP	I	15 19 41 07.5	67.19N	20.69E	4	2.8L,1.7L			
HEL Event type kh. Error ellipse: s-maj=0.6km s-min=0.6km az=-1.0. Explosion.									
CSEM Event type km. Error ellipse: s-maj=3.3km s-min=2.7km az=86.0. Mining explosion.									
UPP Event type sm. Suspected Mining explosion.									
(536) Sweden									
ISC	I	16 17 00 47.8-40	67.05N-02	20.83E-08	0		33	0-7	
ISCJB	I	16 17 00 46.7-42	67.02N-02	20.85E-09	0				¶8438027
IDC	I	16 17 00 48.2-1.3	67.08N	20.98E	0	3.0,2.9			
HEL	I	16 17 00 48.4-10	67.08N	20.89E	0	2.1L,1.8L			
ISC Event type kh.									
ISCJB Event type kh. Error ellipse: s-maj=4.9km s-min=3.4km az=155.6.									
IDC Error ellipse: s-maj=24.0km s-min=10.2km az=104.0.									
HEL Event type kh. Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. Explosion.									
(460) Wyoming									
ISC	I	16 21 10 32.6-45	43.75N-04	105.30W-06	0	4.0b	41	1-90	
ISCJB	I	16 21 10 31.0-46	43.74N-04	105.31W-06	0	4.0b			¶9482161
IDC	I	16 21 10 31.4-1.9	43.45N	105.23W	0	3.9b,3.8			
NEIC	I	16 21 10 32.8-25	43.73N	105.32W	0	3.2L,3.8			
ISC Event type fm.									
ISCJB Event type fm. Error ellipse: s-maj=6.8km s-min=5.1km az=60.6.									
IDC Error ellipse: s-maj=51.3km s-min=8.9km az=153.0.									
NEIC Event type fm. Error ellipse: s-maj=3.9km s-min=2.9km az=124.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.									
(548) Poland									
WAR	I	16 22 40 40.8	50.37N	18.88E	0	2.7L			
PRU	I	16 22 40 41.7	50.36N	18.80E	0	2.7L			¶8037797
NEIC	I	16 22 40 41.6-80	50.32N	18.83E	5	2.7			
VIE	I	16 22 40 45.5-64	50.09N	18.60E	0-0	2.3L,1.8b			
WAR Event type kr. Mining Induced.									
PRU Event type ki.									
NEIC Event type se. Error ellipse: s-maj=12.2km s-min=5.6km az=182.0.									
VIE Event type sr. Error ellipse: s-maj=6.0km s-min=3.7km az=141.0. 32 km WSW of Katowitz. Suspected Mining induced.									
(536) Sweden									
HEL	I	17 00 26 36.5-10	67.85N	20.19E	0	2.8L			
CSEM	I	17 00 26 34.9-19	67.79N	20.12E	1	2.8L			¶8438029
UPP	I	17 00 26 35.7	67.83N	20.20E	0	2.8L			
HEL Event type kh. Error ellipse: s-maj=0.6km s-min=0.5km az=-1.0. Explosion.									
CSEM Event type km. Error ellipse: s-maj=5.4km s-min=4.6km az=26.0. Mining explosion.									
UPP Event type km. Mining explosion.									
(536) Sweden									
ISC	I	18 00 22 35.8-47	67.80N-02	20.26E-07	0		34	0-5	
CSEM	I	18 00 22 34.6-19	67.82N	20.21E	2	2.7L			¶8438049
ISCJB	I	18 00 22 35.4-47	67.81N-02	20.25E-07	0	2.7L			
UPP	I	18 00 22 36.0	67.83N	20.20E	1	2.7L			
HEL	I	18 00 22 36.6-10	67.83N	20.20E	0	2.7L,1.5L			
ISC Event type km.									
CSEM Event type km. Error ellipse: s-maj=5.4km s-min=4.3km az=22.0. Mining explosion.									
ISCJB Event type km. Error ellipse: s-maj=4.1km s-min=3.5km az=166.4.									
UPP Event type km. Mining explosion.									
HEL Event type kh. Error ellipse: s-maj=0.7km s-min=0.6km az=-1.0. Explosion.									
(460) Wyoming									
ISC	I	18 19 09 14.3-46	43.78N-04	105.26W-06	0	4.2b	43	1-90	
ISCJB	I	18 19 09 12.9-48	43.78N-04	105.28W-06	0	4.2b			¶9482908
IDC	I	18 19 09 12.4-1.6	43.48N	105.29W	0	4.0b,3.9			
NEIC	I	18 19 09 14.4-28	43.76N	105.28W	0	3.4L,3.9			
ISC Event type fm.									
ISCJB Event type fm. Error ellipse: s-maj=6.8km s-min=5.1km az=71.4.									
IDC Error ellipse: s-maj=44.9km s-min=8.4km az=151.0.									
NEIC Event type fm. Error ellipse: s-maj=4.2km s-min=3.0km az=129.0. 60 km [35 miles] SSE of Gillette. Suspected Mining explosion.									
(548) Poland									
PRU	I	19 03 01 17.6	51.45N	16.13E	0				
CSEM	I	19 03 01 17.3-19	51.50N	16.12E	2	3.1L			¶8760485
VIE	I	19 03 01 19.9-46	51.26N	16.24E	0-0	2.5L,2.0b			
PRU Event type ki.									
CSEM Event type sr. Error ellipse: s-maj=3.1km s-min=1.7km az=42.0. Suspected Mining induced.									
VIE Event type sr. Error ellipse: s-maj=3.3km s-min=2.8km az=97.0. 56 km WNW of Breslau. Suspected Mining induced.									
(548) Poland									
WAR	I	19 11 31 51.1	50.21N	19.07E	0	2.5L			
PRU	I	19 11 31 51.8	50.20N	18.96E	0	2.5L			¶9273514
IDC	I	19 11 31 52.1-1.9	50.17N	18.88E	0	3.2,3.1			
WAR Event type kr. Mining Induced.									
PRU Event type ki.									
IDC Error ellipse: s-maj=33.1km s-min=11.8km az=140.0.									
(543) Germany									
ISC	I	20 03 33 27.2-33	51.54N-02	6.82E-03	0		75	0-7	
UCC	I	20 03 33 24.8-1.6	51.63N	6.88E	0	1.8L			¶8078908
ISCJB	I	20 03 33 26.3-34	51.53N-02	6.76E-04	0	1.8L			
NEIC	I	20 03 33 27.4-4.8	51.59N	6.79E	10	2.6L			
CSEM	I	20 03 33 28.5-15	51.56N	6.84E	1	2.6L			
LDG	I	20 03 33 28.4-18	51.56N	6.84E	1-0	2.6L			
BUG	I	20 03 33 28.0	51.48N	6.89E	1	1.2L			
BGR	I	20 03 33 28.2-65	51.48N	6.88E	1	2.1L			
BNS	I	20 03 33 29.0-97	51.54N	6.87E	1	1.7L			
ISC Event type sr.									
UCC Event type si.									
ISCJB Event type sr. Error ellipse: s-maj=3.8km s-min=2.4km az=56.1.									
NEIC Event type se. Error ellipse: s-maj=53.8km s-min=11.1km az=215.0.									
CSEM Event type ki. Error ellipse: s-maj=3.0km s-min=2.5km az=95.0.									

LDG Event type sr. Error ellipse: s-maj=3.3km s-min=2.1km az=38.0. Suspected Mining induced.									
BUG Event type ki.									
BGR Event type ki. Error ellipse: s-maj=6.7km s-min=3.3km az=110.0.									
BNS Event type ki.									
(548) Poland									
PRU	I	20 04 12 09.5	51.43N	16.18E	0				¶9484026
PRU Event type ki.									
(724) Baltic States - Belarus - Northwestern Russia									
HEL	I	20 12 32 03.4-30	67.69N	34.21E	0	2.5L,2.2L			
NAO	I	20 12 32 00.8-31	67.60N	34.38E	0	2.2L,2.2L			¶8078927
CSEM	I	20 12 32 03.0-75	67.71N	33.96E	1	2.2L,2.2L			
HEL Event type kh. Error ellipse: s-maj=1.3km s-min=1.7km az=-1.0. Explosion.									
NAO Error ellipse: s-maj=0.2km s-min=0.1km az=-1.0.									
CSEM Event type km. Error ellipse: s-maj=18.3km s-min=8.4km az=92.0. Mining explosion.									
(543) Germany									
ISC	I	20 15 17 20.2-49	51.53N-02	6.54E-04	0		54	0-5	
ISCJB	I	20 15 17 19.4-49	51.52N-02	6.52E-04	0				¶8078932
CSEM	I	20 15 17 20.2-09	51.57N	6.56E	1	2.7L			
BUG	I	20 15 17 20.7	51.53N	6.64E	1	1.6L			
BNS	I	20 15 17 20.7-41	51.55N	6.57E	1	2.1L			
NEIC	I	20 15 17 20.2	51.58N	6.56E	1	2.8L			
LDG	I	20 15 17 20.2-19	51.58N	6.56E	1-0	2.8L			
UCC	I	20 15 17 21.5-1.3	51.50N	6.61E	1-11	2.1L			
BGR	I	20 15 17 22.6-73	51.40N	6.65E	1	2.4L			
ISC Event type sr.									
ISCJB Event type sr. Error ellipse: s-maj=4.3km s-min=2.7km az=80.1.									
CSEM Event type ki. Error ellipse: s-maj=3.5km s-min=1.4km az=122.0.									
BUG Event type ki.									
BNS Event type ki.									
NEIC Event type se. After LDG.									
LDG Event type sr. Error ellipse: s-maj=3.2km s-min=2.1km az=21.0. Suspected Mining induced.									
UCC Event type ki.									
BGR Event type ki. Error ellipse: s-maj=8.9km s-min=3.3km az=122.0.									
(460) Wyoming									
ISC	I	20 20 04 01.3-57	43.58N-05	105.14W-07	0	3.9b	32	1-90	
ISCJB	I	20 20 03 59.7-59	43.57N-05	105.14W-07	0	3.9b			¶9484242
NEIC	I	20 20 04 01.4-38	43.55N	105.15W	0	3.1L			
IDC	I	20 20 04 01.8-1.7	43.51N	105.33W	0	3.7b,3.7			
ISC Event type fm.									
ISCJB Event type fm. Error ellipse: s-maj=9.2km s-min=5.9km az=88.9.									
NEIC Event type fm. Error ellipse: s-maj=6.3km s-min=3.9km az=136.0. 80 km [50 miles] WSW of Newcastle. Suspected Mining explosion.									
IDC Error ellipse: s-maj=42.8km s-min=7.6km az=151.0.									
(548) Poland									
WAR	I	20 23 04 20.7	50.27N	18.87E	0	2.5L			
PRU	I	20 23 04 21.2	50.28N	18.76E	0	2.5L			¶9273534
WAR Event type kr. Mining Induced.									
PRU Event type ki.									
(543) Germany									
ISC	I	21 14 00 12.8-36	49.37N-02	6.87E-03	0		59	0-5	
ISCJB	I	21 14 00 11.8-36	49.36N-02	6.85E-03	0				¶8078999
LDG	I	21 14 00 13.0-07	49.38N	6.91E	1-0	2.6L,2.4			
CSEM	I	21 14 00 13.2-07	49.38N	6.90E	1	2.6L,2.4			
BGR	I	21 14 00 13.3-29	49.37N	6.86E	1	1.8L,2.4			
NEIC	I	21 14 00 13.2	49.36N	6.89E	1	2.6L,2.2L			
ISC Event type sr.									
ISCJB Event type sr. Error ellipse: s-maj=3.0km s-min=2.5km az=152.8.									
LDG Event type sr. Error ellipse: s-maj=1.3km s-min=1.1km az=75.0. Suspected Mining induced.									
CSEM Event type ki. Error ellipse: s-maj=1.3km s-min=1.1km az=77.0.									
BGR Event type ki. Error ellipse: s-maj=3.3km s-min=3.3km az=64.0									

HEL	Event type kh. Error ellipse: s-maj=1.1km s-min=1.2km az=-1.0. Explosion.								
CSEM	Event type km. Error ellipse: s-maj=4.0km s-min=2.9km az=110.0. Mining explosion.								
UPP	Event type km. Mining explosion.								
(724) Baltic States - Belarus - Northwestern Russia									
HEL	II 01 12 26 50.7-30	60.99N	29.18E	0	2.4L,1.6L				
NAO	II 01 12 26 49.4-3.8	60.76N	28.94E		2.4L,1.6L		18083548		
BER	II 01 12 26 51.5-2.8	60.92N	29.01E	0-0	2.4L,1.6L				
HEL	Event type kh. Error ellipse: s-maj=1.0km s-min=1.8km az=-1.0. Explosion.								
NAO	Error ellipse: s-maj=0.5km s-min=0.2km az=-1.0.								
BER	Event type sh. Error ellipse: s-maj=19.2km s-min=23.8km az=-1.0. Suspected explosion.								
(646) Northern Norway									
ISC	II 01 13 44 24.8-73	69.48N-04	19.0E-10	0		27	0-6		
ISCJB	II 01 13 44 23.3-86	69.43N-04	18.8E-20	0			18083549		
HEL	II 01 13 44 25.1-20	69.52N	18.85E	0	1.4L,1.3L				
BER	II 01 13 44 26.5-3.4	69.69N	18.88E	0-0	1.6L,1.3L				
NAO	II 01 13 44 28.2-4.0	69.21N	19.46E		1.6L,1.3L				
ISC	Event type kh.								
ISCJB	Event type kh. Error ellipse: s-maj=8.4km s-min=5.1km az=149.9.								
HEL	Event type kh. Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0. Explosion.								
BER	Event type kh. Error ellipse: s-maj=16.0km s-min=40.6km az=-1.0. Explosion.								
NAO	Error ellipse: s-maj=0.1km s-min=0.3km az=-1.0.								
(548) Poland									
ISC	II 01 15 23 40.0-51	50.26N-04	18.75E-03	0		37	0-4		
ISCJB	II 01 15 23 38.6-54	50.33N-04	18.75E-03	0			18760751		
WAR	II 01 15 23 39.5	50.26N	18.86E		2.7L				
NEIC	II 01 15 23 40.8-73	50.14N	18.82E	5	2.7				
PRU	II 01 15 23 41.0	50.23N	18.74E	0	2.7				
VIE	II 01 15 23 43.2-94	49.99N	18.64E	0-0	2.4L,1.9b				
ISC	Event type kr.								
ISCJB	Event type kr. Error ellipse: s-maj=6.6km s-min=2.6km az=31.8.								
WAR	Event type kr. Mining Induced.								
NEIC	Event type se. Error ellipse: s-maj=13.6km s-min=6.2km az=186.0.								
PRU	Event type ki.								
VIE	Event type sr. Error ellipse: s-maj=7.5km s-min=5.5km az=150.0. 33 km ENE of Ostrava. Suspected Mining induced.								
(547) Czech and Slovak Republics									
ISC	II 01 21 58 29.6-28	49.83N-02	18.49E-02	0		112	0-12		
ISCJB	II 01 21 58 28.3-30	49.85N-02	18.43E-02	0			18188567		
BGR	II 01 21 58 29.2-1.1	49.80N	18.59E	1	3.1L				
IDC	II 01 21 58 29.7-1.0	49.68N	18.56E	0	3.2,3.1				
IPEC	II 01 21 58 29.7-1.4	49.81N	18.54E	4-1	2.4L,3.1				
MOS	II 01 21 58 29.9-98	49.84N	18.45E	10	3.8b,3.1				
CSEM	II 01 21 58 30.0-09	49.86N	18.50E	1	3.2L,3.1				
NEIC	II 01 21 58 30.2-42	49.82N	18.44E	5	3.1L,3.0L				
PRU	II 01 21 58 30.8	49.83N	18.47E	0	3.1L,3.0L				
VIE	II 01 21 58 31.7-75	49.71N	18.34E	0-0	2.4L,2.4b				
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=3.4km s-min=1.9km az=26.8.								
BGR	Event type ki. Error ellipse: s-maj=15.6km s-min=12.2km az=155.0.								
IDC	Error ellipse: s-maj=18.8km s-min=7.9km az=154.0.								
IPEC	Event type ki. Error ellipse: s-maj=2.2km s-min=0.8km az=162.0.								
MOS	Error ellipse: s-maj=9.6km s-min=7.5km az=129.7.								
CSEM	Event type ki. Error ellipse: s-maj=2.3km s-min=1.3km az=8.0.								
NEIC	Event type se. Error ellipse: s-maj=7.4km s-min=4.1km az=197.0.								
PRU	Event type ki.								
VIE	Event type sr. Error ellipse: s-maj=5.1km s-min=3.0km az=86.0. 15 km SSE of Ostrava. Suspected Mining induced.								
(542) Denmark									
UPP	II 02 14 32 59.1	56.30N	11.52E	0	2.7L				
CSEM	II 02 14 32 55.8-16	56.27N	11.19E	1	2.7L		18083569		
BER	II 02 14 33 00.2-4.4	56.39N	11.48E	0-34	2.1L,2.0W				
NAO	II 02 14 33 00.6-2.2	56.51N	11.29E		2.1L,2.0W				
UPP	Event type km. Mining explosion.								
CSEM	Event type km. Error ellipse: s-maj=4.1km s-min=3.2km az=13.0. Mining explosion.								
BER	Error ellipse: s-maj=26.8km s-min=45.6km az=-1.0.								
NAO	Error ellipse: s-maj=0.1km s-min=0.1km az=-1.0.								
(724) Baltic States - Belarus - Northwestern Russia									
HEL	II 03 09 25 54.7-20	59.32N	27.10E	0	2.0L				
FIA0	II 03 09 25 50.2	59.05N	27.37E	0	1.3L		18083588		
NAO	II 03 09 25 54.6-1.5	59.29N	26.92E		2.0L				
BER	II 03 09 25 55.1-3.8	59.28N	27.14E	0-0	2.0L				
HEL	Event type kh. Error ellipse: s-maj=0.7km s-min=1.9km az=-1.0. Explosion.								
FIA0	Event type kh. Explosion.								
NAO	Error ellipse: s-maj=0.1km s-min=0.2km az=-1.0.								
BER	Event type sh. Error ellipse: s-maj=5.7km s-min=23.3km az=-1.0. Suspected explosion.								
(724) Baltic States - Belarus - Northwestern Russia									
ISC	II 03 12 44 19.1-77	60.97N-04	28.92E-09	0	3.3b	28	1-33		
ISCJB	II 03 12 44 17.2-88	60.99N-04	29.01E-10	0	3.3b		18083589		
NAO	II 03 12 44 18.8-3.5	61.07N	29.00E		2.3L				
IDC	II 03 12 44 19.4-1.5	60.98N	29.00E	0	3.4,3.4				
BER	II 03 12 44 20.0-4.5	60.99N	28.94E	0-0	2.3L,3.4				
HEL	II 03 12 44 20.3-20	60.97N	28.94E	0	2.3L,1.5L				
ISC	Event type kh.								
ISCJB	Event type kh. Error ellipse: s-maj=7.6km s-min=4.8km az=73.1.								
NAO	Error ellipse: s-maj=0.2km s-min=0.0km az=-1.0.								
IDC	Error ellipse: s-maj=18.9km s-min=9.7km az=5.0.								
BER	Event type sh. Error ellipse: s-maj=22.7km s-min=32.4km az=-1.0. Suspected explosion.								
HEL	Event type kh. Error ellipse: s-maj=0.9km s-min=1.0km az=-1.0. Explosion.								
(548) Poland									
ISC	II 03 16 30 42.8-30	51.47N-02	16.16E-02	0	3.2b	169	1-60		
MOS	II 03 16 30 42.3-1.3	51.60N	16.14E	10	4.0b		18188652		
IPEC	II 03 16 30 42.6-29	51.53N	16.29E	0	2.8L				
ISCJB	II 03 16 30 42.4-35	51.40N-02	16.12E-02	0	3.2b				
BGR	II 03 16 30 43.9-60	51.50N	16.14E	1	3.0L				
IDC	II 03 16 30 43.8-57	51.45N	16.01E	0	4.1,4.1s				
NEIC	II 03 16 30 43.1-41	51.53N	16.23E	5	3.0L,4.1s				
CSEM	II 03 16 30 44.0-14	51.45N	16.16E	2	3.7L,4.1s				
PRU	II 03 16 30 45.5	51.37N	16.06E	0	3.7L,4.1s				
WAR	II 03 16 30 45	51.44N	16.12E		3.0L,4.1s				
VIE	II 03 16 30 46.4-43	51.25N	16.04E	0-0	3.1L,2.8b				
ISC	Event type kr.								
MOS	Error ellipse: s-maj=11.6km s-min=5.6km az=86.9.								
IPEC	Event type ki. Error ellipse: s-maj=2.0km s-min=1.5km az=34.0.								
ISCJB	Event type kr. Error ellipse: s-maj=3.1km s-min=1.9km az=34.3.								
BGR	Event type ki. Error ellipse: s-maj=8.9km s-min=5.6km az=163.0.								
IDC	Error ellipse: s-maj=12.0km s-min=6.2km az=101.0.								
NEIC	Event type se. Error ellipse: s-maj=5.2km s-min=4.4km az=55.0.								
CSEM	Event type ki. Error ellipse: s-maj=2.5km s-min=1.7km az=27.0.								
PRU	Event type ki.								
WAR	Event type kr. Mining Induced.								
VIE	Event type sr. Error ellipse: s-maj=2.8km s-min=1.9km az=27.0. 69 km WNW of Breslau. Suspected Mining induced.								
(548) Poland									
ISC	II 04 01 20 03.9-61	51.46N-03	16.11E-04	0		47	1-4		
ISCJB	II 04 01 20 03.0-65	51.42N-03	16.09E-03	0			18760802		
IPEC	II 04 01 20 03.4-21	51.51N	16.18E	0	2.0L				
CSEM	II 04 01 20 04.5-25	51.45N	16.15E	0-0	2.8L				
PRU	II 04 01 20 05.0	51.42N	16.15E	0	2.8L				
VIE	II 04 01 20 06.0-44	51.28N	16.08E	0-0	2.5L,1.9b				
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=4.7km s-min=2.9km az=27.0.								
IPEC	Event type ki. Error ellipse: s-maj=1.6km s-min=1.0km az=35.0.								
CSEM	Event type ki. Error ellipse: s-maj=3.9km s-min=2.1km az=30.0.								
PRU	Event type ki.								
VIE	Event type sr. Error ellipse: s-maj=3.0km s-min=2.7km az=57.0. 68 km WNW of Breslau. Suspected Mining induced.								
(548) Poland									
ISC	II 04 11 32 35.9-25	51.49N-02	16.11E-02	0	3.5b	230	1-60		
ISCJB	II 04 11 32 34.6-28	51.45N-02	16.11E-02	0	3.5b		18079837		
MOS	II 04 11 32 35.0-1.1	51.60N	16.18E	10	4.0b				
NEIC	II 04 11 32 35.6	51.52N	16.08E	2	3.3L,3.1L				

BGR	II 04 11 32 36.1-57	51.51N	16.14E	1	3.3L,3.1L				
CSEM	II 04 11 32 36.9-10	51.49N	16.10E	1	3.7L,3.7b				
IPEC	II 04 11 32 36.3-21	51.51N	16.15E	5-1	2.9L,3.7b				
LDG	II 04 11 32 36.4-35	51.43N	16.11E	1-0	3.8L,3.7b				
IDC	II 04 11 32 36.8-52	51.50N	16.05E	0	3.6,3.6				
WAR	II 04 11 32 37.6	51.48N	16.10E		3.1L,3.6				
PRU	II 04 11 32 37.2	51.45N	16.09E	0	3.1L,3.6				
STR	II 04 11 32 38.1-1.4	51.32N	16.02E	5-1	3.8L,3.6				
VIE	II 04 11 32 39.7-86	51.22N	16.08E	0-0	3.1L,2.9b				

PRU Event type ki.
 CSEM Event type kr. Error ellipse: s-maj=2.2km s-min=1.4km az=177.0.
 VIE Event type sr. Error ellipse: s-maj=3.9km s-min=3.3km az=79.0. 68 km WNW of Breslau.
 Suspected Mining induced.

(460) Wyoming
 ISC II 06 19 06 27.6-52 43.75N-04 105.14W-07 0 4.6b 32 1-61
 IDC II 06 19 06 23.7-2.5 43.18N 105.14W 0 3.9,3.7 19570042
 ISCJB II 06 19 06 26.2-54 43.75N-04 105.16W-06 0 4.6b,3.7
 NEIC II 06 19 06 27.6-57 43.69N 105.10W 0 3.2L,3.7
 ISC Event type fm.
 IDC Error ellipse: s-maj=53.5km s-min=8.2km az=156.0.
 ISCJB Event type fm. Error ellipse: s-maj=7.0km s-min=5.2km az=49.5.
 NEIC Event type fm. Error ellipse: s-maj=9.1km s-min=6.3km az=141.0. 75 km [45 miles] WSW of Newcastle. Suspected Mining explosion.

(543) Germany
 ISC II 06 20 43 41.4-32 49.37N-01 6.85E-03 0 49 0-5
 ISCJB II 06 20 43 40.3-32 49.36N-01 6.84E-03 0 18079926
 LDG II 06 20 43 41.9-08 49.38N 6.89E 1-0 2.6,2.5L
 BGR II 06 20 43 42.0-42 49.37N 6.88E 1 1.7L,2.5L
 NEIC II 06 20 43 41.9 49.38N 6.89E 1 2.5L,2.2L
 CSEM II 06 20 43 41.8-06 49.38N 6.88E 1 2.2L,2.2L
 BNS II 06 20 43 45.1-1.1 49.48N 6.88E 1 1.2L,2.2L
 ISC Event type sr.
 ISCJB Event type sr. Error ellipse: s-maj=3.0km s-min=2.1km az=4.0.
 LDG Event type sr. Error ellipse: s-maj=1.9km s-min=1.3km az=83.0. Suspected Mining induced.
 BGR Event type ki. Error ellipse: s-maj=7.8km s-min=4.4km az=32.0.
 NEIC Event type se. After LDG.
 CSEM Event type ki. Error ellipse: s-maj=1.3km s-min=1.0km az=87.0.
 BNS Event type ki.

(548) Poland
 ISC II 07 04 01 56.7-42 51.50N-02 16.08E-02 0 104 1-5
 ISCJB II 07 04 01 55.5-43 51.44N-02 16.12E-02 0 18319169
 IPEC II 07 04 01 55.6-28 51.59N 16.20E 0 2.4L
 MOS II 07 04 01 56.4-99 51.56N 16.16E 14 3.9b
 NEIC II 07 04 01 56.8-62 51.55N 16.11E 5 2.9L
 CSEM II 07 04 01 57.3-20 51.50N 16.08E 2 3.5L
 WAR II 07 04 01 57.6 51.52N 16.11E 2 2.8L
 PRU II 07 04 01 58.0 51.47N 16.06E 0 2.8L
 VIE II 07 04 02 00.8-55 51.20N 16.16E 0-0 2.9L,2.4b
 ISC Event type kr.
 ISCJB Event type kr. Error ellipse: s-maj=3.5km s-min=2.1km az=30.1.
 IPEC Event type ki. Error ellipse: s-maj=1.9km s-min=1.5km az=43.0.
 MOS Error ellipse: s-maj=12.7km s-min=6.5km az=84.2.
 NEIC Event type se. Error ellipse: s-maj=7.7km s-min=5.8km az=216.0.
 CSEM Event type ki. Error ellipse: s-maj=3.3km s-min=2.1km az=24.0.
 WAR Event type kr. Mining Induced.
 PRU Event type ki. Felt In Harrachov.
 VIE Event type sr. Error ellipse: s-maj=3.4km s-min=3.1km az=179.0. 60 km WNW of Breslau.
 Suspected Mining induced.

(536) Sweden
 ISC II 07 05 04 25.3-35 67.16N-02 20.69E-06 0 54 0-8
 ISCJB II 07 05 04 24.3-37 67.17N-02 20.65E-06 0 18083692
 IDC II 07 05 04 25.7-96 67.13N 20.85E 0 3.0,3.0
 HEL II 07 05 04 25.8-10 67.17N 20.65E 0 2.1L,2.0L
 NAO II 07 05 04 26.2-1.2 67.19N 20.97E 0 2.1L,2.0L
 BER II 07 05 04 27.0-4.9 67.14N 20.81E 0-0 2.1L,2.1L
 ISC Event type kh.
 ISCJB Event type kh. Error ellipse: s-maj=3.7km s-min=3.2km az=65.6.
 IDC Error ellipse: s-maj=15.3km s-min=7.5km az=116.0.
 HEL Event type kh. Error ellipse: s-maj=0.7km s-min=0.8km az=-1.0. Explosion.
 NAO Error ellipse: s-maj=0.0km s-min=0.1km az=-1.0.
 BER Event type sh. Error ellipse: s-maj=7.5km s-min=20.3km az=-1.0. Suspected explosion.

(373) Dead Sea region
 ISC II 07 09 53 29.8-56 31.17N-03 35.03E-06 0 25 0-2
 HLW II 07 09 53 24.2 31.70N 35.16E 15 2.8b 19570111
 ISCJB II 07 09 53 29.2-57 31.17N-03 35.00E-06 0 2.8b
 CSEM II 07 09 53 29.6-10 31.10N 35.10E 1 2.6L
 GII II 07 09 53 29.0-30 31.12N 35.10E 0-1 2.6L
 ISC Event type km.
 ISCJB Event type km. Error ellipse: s-maj=7.9km s-min=3.9km az=51.2.
 CSEM Event type km. Error ellipse: s-maj=3.0km s-min=1.6km az=113.0. Mining explosion.
 GII Error ellipse: s-maj=2.3km s-min=1.6km az=-1.0.

(555) Western Arabian Peninsula
 ISC II 07 10 10 55.5-1.2 29.83N-07 36.29E-07 0 21 1-3
 ISCJB II 07 10 10 55.5-1.2 29.83N-06 36.25E-07 0 19570112
 HLW II 07 10 10 56.3 29.72N 36.49E 15 2.8b
 GII II 07 10 10 56.5-43 29.87N 36.17E 0-9 2.5L
 CSEM II 07 10 10 57.5-36 29.86N 36.08E 1 2.5L
 ISC Event type km.
 ISCJB Event type km. Error ellipse: s-maj=9.8km s-min=7.8km az=71.8.
 GII Error ellipse: s-maj=7.2km s-min=4.2km az=-1.0.
 CSEM Event type km. Error ellipse: s-maj=6.0km s-min=5.0km az=120.0. Mining explosion.

(724) Baltic States - Belarus - Northwestern Russia
 HEL II 07 10 14 15.2-20 59.33N 27.04E 0 2.2L
 BER II 07 10 14 14.9-3.5 59.33N 27.16E 0-0 2.2L 18709259
 NAO II 07 10 14 15.0-1.8 59.32N 26.86E 0 2.2L
 HEL Event type kh. Error ellipse: s-maj=0.7km s-min=1.9km az=-1.0. Explosion.
 BER Event type sh. Error ellipse: s-maj=6.8km s-min=21.4km az=-1.0. Suspected explosion.
 NAO Error ellipse: s-maj=0.1km s-min=0.2km az=-1.0.

(373) Dead Sea region
 ISC II 07 17 06 39.7-63 31.46N-02 35.68E-06 0 29 0-3
 HLW II 07 17 06 37.5 31.67N 35.98E 18 2.8b 19570149
 ISCJB II 07 17 06 39.3-62 31.46N-02 35.65E-06 0 2.8b
 CSEM II 07 17 06 40.0-15 31.45N 35.54E 1 2.5L
 GII II 07 17 07 16.1-47 31.47N 35.60E 4-1 2.5L
 ISC Event type km.
 ISCJB Event type km. Error ellipse: s-maj=7.3km s-min=3.0km az=28.6.
 CSEM Event type km. Error ellipse: s-maj=4.9km s-min=2.1km az=110.0. Mining explosion.
 GII Error ellipse: s-maj=2.8km s-min=1.2km az=-1.0.

(496) New Mexico
 ISC II 07 18 56 28.1-46 36.61N-04 108.52W-06 0 2.8b 33 2-26
 ISCJB II 07 18 56 26.4-50 36.61N-05 108.58W-07 0 2.8b 19570160
 IDC II 07 18 56 26.1-86 36.68N 108.36W 0 3.3,3.3
 NEIC II 07 18 56 28.1-54 36.56N 108.49W 0 3.3L,3.3
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=9.1km s-min=5.2km az=113.4.
 IDC Error ellipse: s-maj=19.0km s-min=8.1km az=54.0.
 NEIC Event type fm. Error ellipse: s-maj=9.2km s-min=6.9km az=52.0. 35 km [20 miles] SW of Farmington. Suspected Mining explosion.

(543) Germany
 ISC II 07 22 22 07.5-14 49.353N-01 6.79E-01 0 393 0-8
 ISCJB II 07 22 22 06.7-15 49.350N-01 6.81E-01 0 18079962
 NEIC II 07 22 22 08.9 49.37N 6.89E 1 3.7L,3.0L
 CSEM II 07 22 22 08.8-05 49.38N 6.87E 1 3.5L,3.0L
 LDG II 07 22 22 08.9-07 49.37N 6.89E 1-0 3.7L,3.6
 BGR II 07 22 22 08.3-51 49.37N 6.79E 1-1 3.2L,3.6
 STR II 07 22 22 08.9-24 49.39N 6.87E 1 3.2L,3.6
 PRU II 07 22 22 09.1 49.44N 6.93E 0 3.2L,3.6
 LEDBW II 07 22 22 09.1-20 49.38N 6.91E 1-0 3.0L,3.6
 UCC II 07 22 22 09.5-76 49.36N 6.83E 1 2.8L,3.6
 BNS II 07 22 22 10.0-99 49.38N 6.92E 1 2.8L,3.6
 ISC Event type sr.
 ISCJB Event type sr. Error ellipse: s-maj=1.4km s-min=1.3km az=178.9.
 NEIC Event type se. After LDG.
 CSEM Event type ki. Error ellipse: s-maj=0.9km s-min=0.8km az=7.0.
 LDG Event type sr. Error ellipse: s-maj=1.3km s-min=1.0km az=63.0. Suspected Mining induced.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
 BGR Event type ki. Error ellipse: s-maj=3.3km s-min=3.3km az=94.0.
 LEDBW Error ellipse: s-maj=6.0km s-min=4.0km az=104.0.
 UCC Event type ki.
 BNS Event type ki.

(548) Poland
 ISC II 08 05 00 04.6-39 51.47N-02 16.13E-03 0 108 1-19
 ISCJB II 08 05 00 02.9-41 51.46N-02 16.17E-03 0 18083736
 MOS II 08 05 00 04.5-1.1 51.59N 16.14E 15 3.6b
 NEIC II 08 05 00 04.6-41 51.53N 16.19E 5 2.7L,2.4L
 IDC II 08 05 00 05.8-74 51.43N 16.18E 0 3.4,3.2
 CSEM II 08 05 00 05.7-20 51.47N 16.06E 1 3.3L,3.2
 WAR II 08 05 00 06.5 51.44N 16.12E 0 2.7L,3.2
 IPEC II 08 05 00 06.7-34 51.39N 16.42E 0 2.4L,3.2
 PRU II 08 05 00 07.3 51.36N 16.10E 0 2.4L,3.2
 VIE II 08 05 00 08.4-62 51.21N 16.22E 0-0 2.6L,2.4b
 UPP II 08 05 00 09.5 54.75N 15.25E 0 2.5L,2.4b
 ISC Event type kr.
 ISCJB Event type kr. Error ellipse: s-maj=3.4km s-min=2.3km az=29.8.
 MOS Error ellipse: s-maj=13.0km s-min=5.8km az=85.8.
 NEIC Event type se. Error ellipse: s-maj=6.0km s-min=4.6km az=84.0.
 IDC Error ellipse: s-maj=16.3km s-min=6.2km az=100.0.
 CSEM Event type ki. Error ellipse: s-maj=3.7km s-min=3.2km az=31.0.
 WAR Event type kr. Mining Induced.
 IPEC Event type ki. Error ellipse: s-maj=3.2km s-min=2.1km az=92.0.
 PRU Event type ki. Felt In Harrachov.
 VIE Event type sr. Error ellipse: s-maj=4.2km s-min=3.8km az=102.0. 56 km WNW of Breslau.
 Suspected Mining induced.

UPP Event type km. Mining explosion.
 (723) Finland-Karelia border region
 HEL II 08 09 52 44.4-40 61.01N 29.02E 0 2.0L,1.6L
 BER II 08 09 52 39.3-4.2 61.13N 29.37E 0-0 2.0L,1.6L 18083744
 NAO II 08 09 52 42.8-3.7 60.95N 29.02E 0 2.0L,1.6L
 HEL Event type kh. Error ellipse: s-maj=1.9km s-min=2.3km az=-1.0. Explosion.
 BER Event type sh. Error ellipse: s-maj=11.0km s-min=37.4km az=-1.0. Suspected explosion.
 NAO Error ellipse: s-maj=0.2km s-min=0.2km az=-1.0.

(724) Baltic States - Belarus - Northwestern Russia
 HEL II 08 10 03 58.7-40 60.96N 29.15E 0 2.0L,1.2L
 NAO II 08 10 03 57.4-2.9 60.86N 29.15E 0 2.0L,1.2L 18083745
 BER II 08 10 03 59.5-2.9 60.91N 29.08E 0-0 2.0L,1.2L
 HEL Event type kh. Error ellipse: s-maj=2.6km s-min=2.7km az=-1.0. Explosion.
 NAO Error ellipse: s-maj=0.2km s-min=0.1km az=-1.0.
 BER Event type sh. Error ellipse: s-maj=8.8km s-min=25.1km az=-1.0. Suspected explosion.

(548) Poland
 ISC II 09 00 19 57.5-62 51.44N-03 16.15E-03 0 59 1-4
 ISCJB II 09 00 19 56.8-61 51.37N-03 16.16E-03 0 18760902
 WAR II 09 00 19 58.6 51.46N 16.13E 0 2.6L
 PRU II 09 00 19 58.9 51.41N 16.13E 0 2.6L
 IPEC II 09 00 19 58.4-35 51.43N 16.20E 7-1 2.0L
 CSEM II 09 00 19 59.9-17 51.37N 16.10E 1 2.9L
 VIE II 09 00 20 01.7-38 51.17N 16.26E 0-0 2.5L,2.2b
 ISC Event type kr.
 ISCJB Event type kr. Error ellipse: s-maj=5.1km s-min=2.7km az=18.9.
 WAR Event type kr. Mining Induced.
 PRU Event type ki.
 IPEC Event type ki. Error ellipse: s-maj=2.5km s-min=0.9km az=28.0.
 CSEM Event type ki. Error ellipse: s-maj=3.4km s-min=1.9km az=39.0.
 VIE Event type sr. Error ellipse: s-maj=2.8km s-min=2.3km az=91.0. 52 km W of Breslau.
 Suspected Mining induced.

(536) Sweden
 HEL II 09 00 23 21.2-10 67.84N 20.21E 0 2.5L,1.2L
 BER II 09 00 23 26.0-2.2 67.96N 20.59E 0-0 1.1L,1.2L 18709296
 HEL Event type kh. Error ellipse: s-maj=0.7km s-min=0.6km az=-1.0. Explosion.
 BER Event type sh. Error ellipse: s-maj=10.7km s-min=29.9km az=-1.0. Suspected explosion.

(543) Germany
 BGR II 09 00 41 12.3-63 51.63N 7.14E 1 2.1L
 CSEM II 09 00 41 11.9-13 51.69N 7.07E 1 2.7L 19148798
 BUG II 09 00 41 11.3 51.69N 7.09E 1 1.4L
 LDG II 09 00 41 12.1-16 51.67N 7.09E 1-0 2.8L
 BNS II 09 00 41 12.2-89 51.68N 7.13E 1 2.2L
 BGR Event type ki. Error ellipse: s-maj=11.1km s-min=4.4km az=118.0.
 CSEM Event type ki. Error ellipse: s-maj=2.3km s-min=2.0km az=71.0.
 BUG Event type ki.
 LDG Event type sr. Error ellipse: s-maj=3.0km s-min=2.2km az=52.0. Suspected Mining induced.
 BNS Event type ki.

(543) Germany
 ISC II 09 09 34 39.3-48 51.51N-03 6.52E-04 0 63 0-6
 ISCJB II 09 09 34 38.3-49 51.48N-03 6.48E-04 0 19148799
 CSEM II 09 09 34 40.4-11 51.52N 6.64E 1 3.0L
 LDG II 09 09 34 40.5-18 51.52N 6.61E 1-0 2.8L
 BNS II 09 09 34 41.8-79 51.47N 6.64E 1 2.1L
 BGR II 09 09 34 41.4-87 51.42N 6.66E 1 2.2L
 BUG II 09 09 34 42.9 51.54N 6.77E 1 1.5L
 ISC Event type sr.
 ISCJB Event type sr. Error ellipse: s-maj=4.3km s-min=3.1km az=100.2.
 CSEM Event type ki. Error ellipse: s-maj=2.0km s-min=1.4km az=157.0.
 LDG Event type sr. Error ellipse: s-maj=3.2km s-min=2.1km az=25.0. Suspected Mining induced.
 BNS Event type ki.
 BGR Event type ki. Error ellipse: s-maj=12.2km s-min=5.6km az=116.0.
 BUG Event type ki.

(724) Baltic States - Belarus - Northwestern Russia
 ISC II 09 09 36 52.4-97 67.63N-03 34.1E-10 0 50 0-12
 ISCJB II 09 09 36 50.7-1.1 67.60N-03 34.2E-20 0 18083769
 CSEM II 09 09 36 52.1-79 67.49N 34.25E 1 3.5L
 HEL II 09 09 36 52.5-20 67.64N 34.22E 0 2.6L,2.1L
 NAO II 09 09 36 53.2-1.9 67.68N 34.09E 0 2.1L,2.1L
 ISC Event type km.
 ISCJB Event type km. Error ellipse: s-maj=8.4km s-min=4.6km az=160.1.
 CSEM Event type km. Error ellipse: s-maj=14.7km s-min=8.8km az=59.0. Mining explosion.
 HEL Event type kh. Error ellipse: s-maj=0.9km s-min=1.2km az=-1.0. Explosion.
 NAO Error ellipse: s-maj=0.1km s-min=0.0km az=-1.0.

(543) Germany
 ISC II 09 15 29 44.8-31 49.37N-02 6.84E-03 0 92 0-5
 ISCJB II 09 15 29 43.8-31 49.36N-02 6.84E-03 0 18085356
 BGR II 09 15 29 45.8-42 49.38N 6.86E 1 2.0L
 STR II 09 15 29 45.0-26 49.38N 6.86E 1-1 2.5L
 NEIC II 09 15 29 45.5 49.35N 6.92E 5 2.5L,1.7L
 LDG II 09 15 29 45.6-09 49.39N 6.89E 1-0 2.8L,2.8
 CSEM II 09 15 29 45.4-05 49.39N 6.90E 1 2.8L,2.8
 ISC Event type sr.
 ISCJB Event type sr. Error ellipse: s-maj=2.5km s-min=2.3km az=42.1.
 BGR Event type ki. Error ellipse: s-maj=6.7km s-min=4.4km az=32.0.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
 NEIC Event type se. After STR.
 LDG Event type sr. Error ellipse: s-maj=1.8km s-min=1.7km az=89.0. Suspected Mining induced.
 CSEM Event type ki. Error ellipse: s-maj=1.2km s-min=0.9km az=127.0.

(535) Southern Norway
 BER II 09 17 41 29.5-2.3 58.32N 6.44E 0-0 1.9,1.5L
 NAO II 09 17 41 32.0-6.1 58.55N 6.56E 5-32 1.3L,1.5L 18083770
 BER Event type kh. Error ellipse: s-maj=7.6km s-min=9.7km az=-1.0. Explosion.
 NAO Error ellipse: s-maj=0.1km s-min=0.3km az=-1.0.

(536) Sweden
 HEL II 10 00 24 57.7-10 67.86N 20.17E 0 2.6L,1.5L
 CSEM II 10 00 24 56.0-10 67.81N 20.13E 1 2.9L,1.5L 18709336
 UPP II 10 00 24 57.1 67.87N 20.18E 12 2.6L,1.5L
 BER II 10 00 24 58.7-41 67.87N 20.08E 0-0 1.4L,1.5L
 HEL Event type kh. Error ellipse: s-maj=1.0km s-min=1.0km az=-1.0. Explosion.
 CSEM Event type km. Error ellipse: s-maj=3.2km s-min=2.6km az=137.0. Mining explosion.
 UPP Event type km. Mining explosion.
 BER Event type sh. Error ellipse: s-maj=3.8km s-min=9.1km az=-1.0. Suspected explosion.

(548) Poland
 ISC II 10 02 28 36.9-55 51.48N-03 16.10E-03 0 89 1-5
 ISCJB II 10 02 28 36.5-60 51.40N-03 16.10E-03 0 18319229
 NEIC II 10 02 28 36.3-1.2 51.55N 16.02E 5 2.5
 MOS II 10 02 28 36.3-2.0 51.60N 16.00E 10 3.6b
 IPEC II 10 02 28 37.5-32 51.52N 16.18E 8-1 2.2L

CSEM	II	10 02 28 38.4-17	51.46N	16.10E	0-0	3.2L			
PRU	II	10 02 28 38.3	51.45N	16.09E	0	3.2L			
WAR	II	10 02 28 38.0	51.52N	16.11E	0	2.5L			
VIE	II	10 02 28 41.9-51	51.14N	16.32E	0-0	2.6L,2.2b			
ISC	Event type kr.								
ISCJB	Event type kr. Error ellipse: s-maj=4.8km s-min=2.5km az=17.2.								
NEIC	Event type se. Error ellipse: s-maj=25.2km s-min=10.2km az=69.0.								
MOS	Error ellipse: s-maj=13.7km s-min=7.4km az=83.4.								
IPEC	Event type ki. Error ellipse: s-maj=2.0km s-min=0.7km az=31.0.								
CSEM	Event type ki. Error ellipse: s-maj=3.1km s-min=1.7km az=4.0.								
PRU	Event type ki.								
WAR	Event type kr. Mining Induced.								
VIE	Event type sr. Error ellipse: s-maj=3.5km s-min=3.1km az=105.0. 48 km W of Breslau.								
Suspected Mining induced.									
(548) Poland									
ISC	II	10 07 33 02.9-92	51.44N-05	16.09E-04	0		27	1-4	
ISCJB	II	10 07 33 01.9-82	51.42N-05	16.02E-04	0				18760925
PRU	II	10 07 33 04.5	51.38N	16.09E	0				
VIE	II	10 07 33 04.3-43	51.32N	16.05E	0-0	2.5L,2.0b			
CSEM	II	10 07 33 05.9-52	51.35N	16.13E	2	3.0L,2.0b			
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=6.8km s-min=3.8km az=23.4.								
PRU	Event type ki.								
VIE	Event type sr. Error ellipse: s-maj=3.1km s-min=2.6km az=79.0. 71 km WNW of Breslau.								
Suspected Mining induced.									
CSEM	Event type sr. Error ellipse: s-maj=8.7km s-min=4.4km az=175.0. Suspected Mining induced.								
(548) Poland									
ISC	II	10 14 00 53.0-90	51.43N-05	16.06E-04	0		29	1-4	
ISCJB	II	10 14 00 51.4-87	51.43N-04	16.05E-04	0				18760930
CSEM	II	10 14 00 54.9-69	51.36N	16.12E	1	2.6L			
PRU	II	10 14 00 54.1	51.38N	16.10E	0	2.6L			
VIE	II	10 14 00 56.8-50	51.18N	16.27E	0-0	2.6L,1.9b			
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=6.5km s-min=3.2km az=17.0.								
CSEM	Event type sr. Error ellipse: s-maj=11.6km s-min=5.5km az=175.0. Suspected Mining induced.								
PRU	Event type ki.								
VIE	Event type sr. Error ellipse: s-maj=3.6km s-min=3.1km az=100.0. 52 km WNW of Breslau.								
Suspected Mining induced.									
(548) Poland									
ISC	II	10 16 58 34.5-53	51.51N-03	16.02E-02	0		83	1-5	
ISCJB	II	10 16 58 33.4-51	51.43N-03	16.05E-02	0				18192400
IPEC	II	10 16 58 33.1-19	51.60N	16.16E	0	2.6L			
BGR	II	10 16 58 33.4-65	51.55N	16.13E	1	3.0L			
WAR	II	10 16 58 35	51.55N	16.05E	1	2.8L			
CSEM	II	10 16 58 36.3-16	51.47N	16.02E	1	3.4L			
PRU	II	10 16 58 36.1	51.47N	15.99E	0	3.4L			
VIE	II	10 16 58 37.1-47	51.31N	15.96E	0-0	2.9L,2.7b			
ISC	Event type kr.								
ISCJB	Event type kr. Error ellipse: s-maj=4.3km s-min=2.0km az=21.1.								
IPEC	Event type ki. Error ellipse: s-maj=1.5km s-min=0.8km az=31.0.								
BGR	Event type ki. Error ellipse: s-maj=7.8km s-min=5.6km az=164.0.								
WAR	Event type kr. Mining Induced.								
CSEM	Event type ki. Error ellipse: s-maj=2.9km s-min=1.6km az=8.0.								
PRU	Event type ki.								
VIE	Event type sr. Error ellipse: s-maj=2.9km s-min=1.9km az=13.0. 77 km WNW of Breslau.								
Suspected Mining induced.									
(724) Baltic States - Belarus - Northwestern Russia									
HEL	II	11 15 27 26.0-40	67.71N	33.69E	0	2.0L,1.9L			
NAO	II	11 15 27 24.2-2.8	67.58N	33.84E		2.0L,1.9L			18083780
HEL	Event type kh. Error ellipse: s-maj=1.4km s-min=2.3km az=-1.0. Explosion.								
NAO	Error ellipse: s-maj=0.2km s-min=0.1km az=-1.0.								
(536) Sweden									
HEL	II	12 00 52 23.4-00	67.18N	20.67E	0	2.5L,2.0L			
CSEM	II	12 00 52 23.2-09	67.13N	21.00E	1	2.5L,2.0L			18709376
UPP	II	12 00 52 23.0	67.19N	20.67E	3	2.5L,2.0L			
BER	II	12 00 52 28.4-1.5	67.37N	20.03E	0-0	1.7L,2.0L			
HEL	Event type kh. Error ellipse: s-maj=0.3km s-min=0.4km az=-1.0. Explosion.								
CSEM	Event type km. Error ellipse: s-maj=2.6km s-min=2.2km az=95.0. Mining explosion.								
UPP	Event type sm. Suspected Mining explosion.								
BER	Event type sh. Error ellipse: s-maj=6.9km s-min=18.5km az=-1.0. Suspected explosion.								
(724) Baltic States - Belarus - Northwestern Russia									
ISC	II	12 05 04 32.2-1.4	67.58N-04	33.8E-00	0	2.1L	18	2-12	
HEL	II	12 05 04 31.7-30	67.61N	34.03E	0	2.1L			18709377
ISCJB	II	12 05 04 32.5-1.6	67.50N-05	33.93E-30	0	2.1L			
IDC	II	12 05 04 34.9-2.5	67.61N	33.48E	0	3.3,3.2			
ISC	Event type kh.								
HEL	Event type kh. Error ellipse: s-maj=1.3km s-min=2.5km az=-1.0. Explosion.								
ISCJB	Event type kh. Error ellipse: s-maj=18.0km s-min=5.3km az=150.6.								
IDC	Error ellipse: s-maj=25.8km s-min=10.3km az=75.0.								
(460) Wyoming									
ISC	II	12 19 04 14.9-49	43.72N-04	105.15W-06	0	4.3b	49	1-68	
ISCJB	II	12 19 04 13.8-53	43.73N-04	105.21W-06	0	4.3b			19570631
NEIC	II	12 19 04 14.9-40	43.71N	105.16W	0	3.2L			
IDC	II	12 19 04 14.1-1.6	43.71N	105.45W	0	4.2b,3.8			
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=6.6km s-min=5.1km az=38.2.								
NEIC	Event type fm. Error ellipse: s-maj=6.0km s-min=4.6km az=144.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.								
IDC	Error ellipse: s-maj=45.3km s-min=7.9km az=151.0.								
(548) Poland									
ISC	II	12 19 44 28.7-62	51.49N-03	16.13E-04	0		42	1-4	
ISCJB	II	12 19 44 28.1-68	51.45N-03	16.09E-04	0				18760948
IPEC	II	12 19 44 28.6-73	51.54N	16.21E	1-3	1.7L			
PRU	II	12 19 44 30.9	51.41N	16.11E	0	1.7L			
CSEM	II	12 19 44 31.8-27	51.42N	16.12E	2-1	2.8L			
VIE	II	12 19 44 31.9-49	51.31N	16.13E	0-0	2.4L,1.7b			
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=4.9km s-min=3.3km az=35.0.								
IPEC	Event type ki. Error ellipse: s-maj=4.0km s-min=1.6km az=10.0.								
PRU	Event type ki.								
CSEM	Event type ki. Error ellipse: s-maj=3.7km s-min=1.8km az=170.0.								
VIE	Event type sr. Error ellipse: s-maj=3.5km s-min=3.0km az=80.0. 66 km WNW of Breslau.								
Suspected Mining induced.									
(535) Southern Norway									
ISC	II	13 14 31 33.5-1.1	60.01N-04	5.0E-20	0		25	0-10	
NAO	II	13 14 31 30.3-9.2	59.72N	4.75E	3-49	2.4L			18085428
CSEM	II	13 14 31 31.7-38	59.96N	4.80E	0-2	2.0L			
ISCJB	II	13 14 31 33.8-94	60.02N-04	5.2E-20	0	2.0L			
BER	II	13 14 31 33.9-4.4	59.97N	4.72E	0-0	2.4L,2.3			
ISC	Event type kh.								
NAO	Error ellipse: s-maj=0.2km s-min=0.4km az=-1.0.								
CSEM	Event type ke. Error ellipse: s-maj=8.5km s-min=4.9km az=74.0.								
ISCJB	Event type kh. Error ellipse: s-maj=11.7km s-min=5.5km az=147.4.								
BER	Event type kh. Error ellipse: s-maj=9.5km s-min=25.4km az=-1.0. Explosion.								
(535) Southern Norway									
ISC	II	13 15 16 15.3-87	60.08N-03	4.68E-10	0		38	0-11	
ISCJB	II	13 15 16 15.0-85	60.08N-03	4.72E-10	0				18085429
CSEM	II	13 15 16 15.3-19	60.08N	4.75E	2	2.0L			
BER	II	13 15 16 18.0-2.7	60.11N	4.89E	0-0	2.0L,2.0L			
NAO	II	13 15 16 18.2-2.6	60.22N	5.11E		2.0L,2.0L			
ISC	Event type kh.								
ISCJB	Event type kh. Error ellipse: s-maj=7.1km s-min=3.8km az=162.2.								
CSEM	Event type ke. Error ellipse: s-maj=4.4km s-min=2.3km az=78.0.								
BER	Event type kh. Error ellipse: s-maj=3.7km s-min=12.8km az=-1.0. Explosion.								
NAO	Error ellipse: s-maj=0.0km s-min=0.2km az=-1.0.								
(724) Baltic States - Belarus - Northwestern Russia									
ISC	II	13 16 46 42.8-1.2	67.60N-04	33.9E-20	0		30	0-7	
ISCJB	II	13 16 46 41.0-1.3	67.56N-04	34.0E-20	0				18085430
NAO	II	13 16 46 42.7-2.1	67.62N	33.96E		2.3L			
HEL	II	13 16 46 43.7-40	67.65N	33.95E	0	2.3L,2.3L			

ISC	Event type kh.								
ISCJB	Event type kh. Error ellipse: s-maj=11.7km s-min=5.2km az=139.1.								
NAO	Error ellipse: s-maj=0.1km s-min=0.0km az=-1.0.								
HEL	Event type kh. Error ellipse: s-maj=1.4km s-min=2.3km az=-1.0. Explosion.								
(536) Sweden									
ISC	II	13 16 48 32.9-30	67.03N-02	21.00E-06	0		61	0-8	
ISCJB	II	13 16 48 31.8-30	67.01N-02	21.03E-06	0				18085431
HEL	II	13 16 48 33.4-10	67.06N	20.94E	0	2.2L,1.8L			
NAO	II	13 16 48 33.6-1.3	67.04N	21.10E	0	2.0L,1.8L			
BER	II	13 16 48 36.0-4.2	67.07N	21.04E	0-0	2.3L,1.6L			
ISC	Event type kh.								
ISCJB	Event type kh. Error ellipse: s-maj=3.3km s-min=2.9km az=6.1.								
HEL	Event type kh. Error ellipse: s-maj=0.8km s-min=0.9km az=-1.0. Explosion.								
NAO	Error ellipse: s-maj=0.2km s-min=0.1km az=-1.0.								
BER	Event type sh. Error ellipse: s-maj=9.6km s-min=19.0km az=-1.0. Suspected explosion.								
(548) Poland									
ISC	II	13 19 55 25.8-41	51.46N-02	16.16E-03	0		81	1-19	
ISCJB	II	13 19 55 25.4-49	51.38N-03	16.13E-03	0				18760966
NEIC	II	13 19 55 25.9-48	51.52N	16.22E	5	2.8L			
CSEM	II	13 19 55 27.3-14	51.42N	16.06E	1	3.2L			
WAR	II	13 19 55 27.5	51.45N	16.18E	1	2.8L			
IPEC	II	13 19 55 27.6-33	51.41N	16.46E	0	2.3L			
IDC	II	13 19 55 27.6-96	51.39N	16.06E	0	3.4,3.2			
PRU	II	13 19 55 28.9	51.34N	16.12E	0	3.4,3.2			
VIE	II	13 19 55 29.3-46	51.23N	16.18E	0-0	2.7L,2.3b			
ISC	Event type kr.								
ISCJB	Event type kr. Error ellipse: s-maj=3.9km s-min=2.5km az=37.0.								
NEIC	Event type se. Error ellipse: s-maj=8.5km s-min=6.4km az=103.0.								
CSEM	Event type ki. Error ellipse: s-maj=2.5km s-min=1.8km az=16.0.								
WAR	Event type kr. Mining Induced.								
IPEC	Event type ki. Error ellipse: s-maj=3.1km s-min=1.9km az=95.0.								
IDC	Error ellipse: s-maj=13.7km s-min=8.4km az=118.0.								
PRU	Event type ki.								
VIE	Event type sr. Error ellipse: s-maj=3.3km s-min=2.8km az=80.0. 60 km WNW of Breslau.								
Suspected Mining induced.									
(536) Sweden									
ISC	II	14 00 17 13.5-55	67.86N-03	20.21E-09	0		15	0-3	
ISCJB	II	14 00 17 12.6-56	67.88N-03	20.16E-09	0				19374137
CSEM	II	14 00 17 13.0-15	67.79N	20.10E	5	2.5L			
UPP	II	14 00 17 13.8	67.84N	20.20E	0	2.5L			
BER	II	14 00 17 16.2-2.8	67.90N	20.14E	0-0	1.6L			
ISC	Event type km.								
ISCJB	Event type km. Error ellipse: s-maj=5.2km s-min=4.7km az=140.6.								
CSEM	Event type km. Error ellipse: s-maj=4.0km s-min=3.5km az=103.0. Mining explosion.								
UPP	Event type km. Mining explosion.								
BER	Event type sh. Error ellipse: s-maj=10.3km s-min=22.5km az=-1.0. Suspected explosion.								
(548) Poland									
ISC	II	14 08 35 01.3-1.1	51.44N-05	16.16E-06	0		26	1-4	
ISCJB	II	14 08 35 01.7-1.0	51.36N-05	16.06E-06	0				18760983
CSEM	II	14 08 35 02.8-42	51.40N	16.15E	1-0	3.2L			
PRU	II	14 08 35 02.7	51.40N	16.15E	0	3.2L			
VIE	II	14 08 35 03.3-41	51.25N	16.17E	0-0	2.5L,2.0b			
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=7.4km s-min=3.9km az=60.7.								
CSEM	Event type sr. Error ellipse: s-maj=6.1km s-min=3.6km az=21.0. Suspected Mining induced.								
PRU	Event type ki.								
VIE	Event type sr. Error ellipse: s-maj=2.9km s-min=2.5km az=80.0. 61 km WNW of Breslau.								
Suspected Mining induced.									
(542) Denmark									
ISC	II	14 13 41 05.7-48	56.91N-04	10.96E-06	0		37	1-14	
ISCJB	II	14 13 41 05.2-45	56.96N-04	11.04E-06	0				18085435
CSEM	II	14 13 41 05.7-08	56.91N	11.11E	1	2.7L			
UPP	II	14 13 41 06.9	56.83N	11.17E	0	2.7L			
NAO	II	14 13 41 06.5-2.8	56.91N	11.28E	0	2.1L			
BER	II	14 13 41 07.3-2.9	56.90N	11.01E	0-16	2.3,2.1L			
ISC	Event type sm.								
ISCJB	Event type sm. Error ellipse: s-maj=5.7km s-min=4.5km az=34.8.								
CSEM	Event type sm. Error ellipse: s-maj=2.0km s-min=1.9km az=169.0. Suspected Mining explosion.								
UPP	Event type sm. Suspected Mining explosion.								
NAO	Error ellipse: s-maj=0.1km s-min=0.2km az=-1.0.								
BER	Error ellipse: s-maj=16.6km s-min=11.0km az=-1.0.								
(542) Denmark									

BGR	Event type ki. Error ellipse: s-maj=7.8km s-min=5.6km az=168.0.								
VIE	Event type sr. Error ellipse: s-maj=4.0km s-min=3.6km az=65.0. 58 km WNW of Breslau.								
CSEM	Suspected Mining induced.								
	Event type ki. Error ellipse: s-maj=3.7km s-min=2.2km az=19.0.								
(373) Dead Sea region									
ISC	II 21 08 25 27.7-41	30.86N-02	34.93E-05	0	27	0-3			
ISCJB	II 21 08 25 27.2-41	30.84N-02	34.97E-05	0			19579144		
CSEM	II 21 08 25 28.0-09	30.79N	34.95E	1	2.5L				
HLW	II 21 08 25 31.7	30.72N	34.78E	14	2.5b				
GI	II 21 08 26 26.2-63	30.86N	35.01E	0-0	2.4L				
ISC	Event type km.								
ISCJB	Event type km. Error ellipse: s-maj=5.7km s-min=3.2km az=26.6.								
CSEM	Event type km. Error ellipse: s-maj=2.4km s-min=1.5km az=72.0. Mining explosion.								
GI	Error ellipse: s-maj=2.4km s-min=1.2km az=-1.0.								
(724) Baltic States - Belarus - Northwestern Russia									
HEL	II 21 10 57 12.6-10	59.32N	26.93E	0	2.2L				
BER	II 21 10 57 12.1-2.5	59.32N	27.11E	0-0	2.2L		18113832		
NAO	II 21 10 57 12.2-1.7	59.32N	26.95E	0	2.2L				
IDC	II 21 10 57 14.8-2.0	59.45N	26.95E	0	3.4,3.3				
HEL	Event type kh. Error ellipse: s-maj=0.5km s-min=1.6km az=-1.0. Explosion.								
BER	Event type sh. Error ellipse: s-maj=4.7km s-min=16.7km az=-1.0. Suspected explosion.								
NAO	Error ellipse: s-maj=0.1km s-min=0.2km az=-1.0.								
IDC	Error ellipse: s-maj=17.4km s-min=9.6km az=133.0.								
(724) Baltic States - Belarus - Northwestern Russia									
HEL	II 21 13 46 09.7-50	60.58N	29.17E	0	2.1L,1.7L				
BER	II 21 13 46 10.9-3.9	60.53N	28.89E	0-0	2.1L,1.7L		18113835		
NAO	II 21 13 46 10.6-2.8	60.41N	28.73E	0	2.1L,1.7L				
HEL	Event type kh. Error ellipse: s-maj=3.0km s-min=2.7km az=-1.0. Explosion.								
BER	Event type sh. Error ellipse: s-maj=20.5km s-min=29.7km az=-1.0. Suspected explosion.								
NAO	Error ellipse: s-maj=0.2km s-min=0.2km az=-1.0.								
(543) Germany									
BGR	II 21 20 03 04.0-63	51.61N	7.05E	1	1.9L				
BUG	II 21 20 03 02.9	51.62N	6.97E	1	1.1L		18096162		
BNS	II 21 20 03 03.2-53	51.68N	6.97E	1	1.7L				
LDG	II 21 20 03 04.4-23	51.58N	6.90E	1-0	2.6L				
BGR	Event type ki. Error ellipse: s-maj=10.0km s-min=4.4km az=94.0.								
BUG	Event type ki.								
BNS	Event type ki.								
LDG	Event type sr. Error ellipse: s-maj=4.8km s-min=3.0km az=28.0. Suspected Mining induced.								
(373) Dead Sea region									
ISC	II 22 08 57 55.0-42	30.87N-02	34.97E-04	0	25	0-3			
ISCJB	II 22 08 57 54.4-42	30.85N-02	34.99E-04	0			19579296		
CSEM	II 22 08 57 54.3-09	30.82N	34.98E	1	2.6L				
GI	II 22 08 57 54.0-56	30.85N	34.98E	0-0	2.6L				
HLW	II 22 08 57 55.2	30.99N	35.07E	20	3.1b				
ISC	Event type km.								
ISCJB	Event type km. Error ellipse: s-maj=5.4km s-min=3.3km az=34.3.								
CSEM	Event type km. Error ellipse: s-maj=2.3km s-min=1.6km az=86.0. Mining explosion.								
GI	Error ellipse: s-maj=1.8km s-min=1.2km az=-1.0.								
(724) Baltic States - Belarus - Northwestern Russia									
HEL	II 22 12 59 27.5-50	67.64N	33.81E	0	2.3L,2.0L				
NAO	II 22 12 59 29.6-3.6	67.51N	33.02E	0	2.3L,2.0L		18113851		
HEL	Event type kh. Error ellipse: s-maj=1.3km s-min=3.4km az=-1.0. Explosion.								
NAO	Error ellipse: s-maj=0.2km s-min=0.2km az=-1.0.								
(548) Poland									
WAR	II 22 16 31 37.0	50.26N	18.86E	0	2.8L				
NEIC	II 22 16 31 36.7-70	50.24N	18.77E	5	2.8		18761146		
IPEC	II 22 16 31 36.6-16	50.28N	18.81E	1-1	2.4L				
PRU	II 22 16 31 37.9	50.26N	18.72E	0	2.4L				
CSEM	II 22 16 31 39.5-33	50.27N	18.60E	1	3.0L				
VIE	II 22 16 31 40.9-84	50.02N	18.56E	0-0	2.6L,1.7b				
WAR	Event type kr. Mining Induced.								
NEIC	Event type se. Error ellipse: s-maj=12.9km s-min=5.5km az=184.0.								
IPEC	Event type ki. Error ellipse: s-maj=2.5km s-min=0.8km az=171.0.								
PRU	Event type ki.								
CSEM	Event type ki. Error ellipse: s-maj=9.2km s-min=3.8km az=11.0.								
VIE	Event type sr. Error ellipse: s-maj=7.3km s-min=5.0km az=145.0. 30 km NE of Ostrava.								
	Suspected Mining induced.								
(548) Poland									
WAR	II 22 17 02 32.1	50.25N	18.86E	0	3.2L				
NEIC	II 22 17 02 31.4-41	50.32N	18.79E	5	3.4L,3.4L		18106506		
IPEC	II 22 17 02 31.9-16	50.26N	18.81E	5-1	2.7L,3.4L				
IDC	II 22 17 02 32.5-66	50.12N	18.86E	0	3.6,3.5L				
PRU	II 22 17 02 32.6	50.23N	18.77E	0	3.6,3.5L				
CSEM	II 22 17 02 33.3-09	50.23N	18.73E	1	3.5L,3.5L				
BGR	II 22 17 02 34.4-73	50.14N	18.62E	1	3.4L,3.5L				
VIE	II 22 17 02 35.0-64	49.96N	18.66E	0-0	3.1L,2.6b				
WAR	Event type kr. Mining Induced.								
NEIC	Event type se. Error ellipse: s-maj=5.7km s-min=4.7km az=183.0.								
IPEC	Event type ki. Error ellipse: s-maj=2.5km s-min=0.8km az=170.0.								
IDC	Error ellipse: s-maj=13.4km s-min=6.1km az=152.0.								
PRU	Event type ki.								
CSEM	Event type ki. Error ellipse: s-maj=2.6km s-min=1.2km az=17.0.								
BGR	Event type ki. Error ellipse: s-maj=11.1km s-min=6.7km az=9.0.								
VIE	Event type sr. Error ellipse: s-maj=4.3km s-min=2.7km az=17.0. 33 km ENE of Ostrava.								
	Suspected Mining induced.								
(536) Sweden									
UPP	II 22 23 13 38.7	67.18N	20.68E	2	3.6L				
CSEM	II 22 23 13 38.7	67.18N	20.68E	2	3.6L		1810539468		
UPP	Event type km. Mining explosion.								
CSEM	Event type km. Mining explosion. After UPP.								
(536) Sweden									
UPP	II 22 23 23 59.5	67.19N	20.71E	2	3.6L				
CSEM	II 22 23 23 59.5	67.19N	20.71E	2	3.6L		1810539469		
UPP	Event type km. Mining explosion.								
CSEM	Event type km. Mining explosion. After UPP.								
(543) Germany									
ISC	II 23 02 55 29.9-47	51.65N-02	7.03E-05	0	61	0-6			
BGR	II 23 02 55 28.6-2.0	51.59N	6.72E	1	2.1L		18106532		
ISCJB	II 23 02 55 29.3-40	51.58N-02	6.94E-05	0	2.1L				
CSEM	II 23 02 55 30.5-15	51.69N	7.05E	1	2.5L				
BNS	II 23 02 55 30.9-84	51.69N	7.05E	1	1.9L				
BUG	II 23 02 55 30.5	51.59N	7.05E	1	1.4L				
LDG	II 23 02 55 30.5-22	51.70N	7.02E	1-0	2.6L				
ISC	Event type sr.								
BGR	Event type ki. Error ellipse: s-maj=31.1km s-min=6.7km az=90.0.								
ISCJB	Event type sr. Error ellipse: s-maj=4.4km s-min=3.0km az=17.0.								
CSEM	Event type ki. Error ellipse: s-maj=3.5km s-min=1.9km az=79.0.								
BNS	Event type ki.								
BUG	Event type ki.								
LDG	Event type sr. Error ellipse: s-maj=4.0km s-min=2.8km az=40.0. Suspected Mining induced.								
(724) Baltic States - Belarus - Northwestern Russia									
ISC	II 23 03 56 47.5-1.0	67.67N-03	33.7E-0	0	32	0-12			
ISCJB	II 23 03 56 44.8-1.1	67.66N-04	34.0E-20	0			18113874		
HEL	II 23 03 56 48.5-20	67.69N	33.76E	0	2.3L,2.2L				
NAO	II 23 03 56 49.1-2.8	67.67N	33.61E	0	2.2L,2.2L				
ISC	Event type kh.								
ISCJB	Event type kh. Error ellipse: s-maj=9.8km s-min=5.3km az=159.8.								
HEL	Event type kh. Error ellipse: s-maj=1.1km s-min=1.6km az=-1.0. Explosion.								
NAO	Error ellipse: s-maj=0.1km s-min=0.2km az=-1.0.								
(543) Germany									
ISC	II 23 12 32 24.4-28	49.35N-01	6.85E-03	0	104	0-6			
ISCJB	II 23 12 32 23.4-28	49.35N-01	6.84E-03	0			18106549		
STR	II 23 12 32 24.7-28	49.38N	6.87E	1-1	2.6L				
CSEM	II 23 12 32 25.6-07	49.35N	6.93E	1	2.9L				
LDG	II 23 12 32 25.8-09	49.36N	6.89E	1-0	3.0L,3.0				
BGR	II 23 12 32 25.6-57	49.34N	6.88E	1	2.1L,3.0				
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=2.5km s-min=2.1km az=3.6.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
CSEM	Event type ki. Error ellipse: s-maj=1.2km s-min=1.1km az=37.0.								

LDG	Event type sr. Error ellipse: s-maj=1.8km s-min=1.6km az=6.0. Suspected Mining induced.								
BGR	Event type ki. Error ellipse: s-maj=8.9km s-min=6.7km az=63.0.								
(548) Poland									
ISC	II 23 22 37 24.0-27	51.48N-02	16.18E-02	0	3.2b	197	1-60		
ISCJB	II 23 22 37 23.1-30	51.42N-02	16.13E-02	0	3.2b		18106556		
BGR	II 23 22 37 23.9-60	51.43N	16.29E	1	3.4L				
NEIC	II 23 22 37 24.0	51.40N	16.30E	1	3.4L				
LDG	II 23 22 37 24.8-12	51.41N	16.12E	1-0	3.7L				
IDC	II 23 22 37 25.1-55	51.45N	16.12E	0	3.5,3.4L				
IPEC	II 23 22 37 25.3-33	51.43N	16.48E	0	2.8L,3.4L				
PRU	II 23 22 37 26.3	51.40N							

NAO	Error ellipse: s-maj=0.1km s-min=0.3km az=-1.0.								
BER	Event type sh. Error ellipse: s-maj=7.3km s-min=14.7km az=-1.0. Suspected explosion.								
(536) Sweden									
HEL	II 26 00 38 30.7-10	67.84N	20.18E	0	2.5L,1.9L				
CSEM	II 26 00 38 29.1-22	67.79N	20.11E	1	2.5L,1.9L				
UPP	II 26 00 38 29.8	67.83N	20.20E	0	2.5L,1.9L				
HEL	Event type kh. Error ellipse: s-maj=0.9km s-min=0.9km az=-1.0. Explosion.								
CSEM	Event type km. Error ellipse: s-maj=6.8km s-min=5.9km az=150.0. Mining explosion.								
UPP	Event type sm. Suspected Mining explosion.								
(548) Poland									
ISC	II 26 03 07 58.5-32	51.52N-02	16.13E-02	0		122	1-19		
ISCJB	II 26 03 07 56.9-33	51.50N-02	16.13E-02	0					
CSEM	II 26 03 07 58.9-17	51.55N	16.15E	1	3.6L				
NEIC	II 26 03 07 58.9-41	51.59N	16.16E	5	2.9L,2.5L				
IPEC	II 26 03 08 00.6-32	51.44N	16.52E	0	2.4L,2.5L				
WAR	II 26 03 08 00.1	51.52N	16.12E	0	2.7L,2.5L				
UPP	II 26 03 08 01.9	51.76N	15.94E	0	2.9L,2.5L				
IDC	II 26 03 08 01.0-96	51.45N	16.02E	0	3.4,3.3				
BGR	II 26 03 08 01.6-68	51.44N	16.03E	1	3.0L,3.3				
PRU	II 26 03 08 01.4	51.39N	16.08E	0	3.0L,3.3				
VIE	II 26 03 08 02.3-67	51.28N	16.03E	0-0	3.0L,2.6b				
ISC	Event type kr.								
ISCJB	Event type kr. Error ellipse: s-maj=2.9km s-min=1.9km az=34.7.								
CSEM	Event type ki. Error ellipse: s-maj=3.1km s-min=1.9km az=31.0.								
NEIC	Event type se. Error ellipse: s-maj=6.3km s-min=5.1km az=109.0.								
IPEC	Event type ki. Error ellipse: s-maj=3.0km s-min=1.9km az=96.0.								
WAR	Event type kr. Mining Induced.								
UPP	Event type sm. Suspected Mining explosion.								
IDC	Error ellipse: s-maj=15.1km s-min=8.6km az=122.0.								
BGR	Event type ki. Error ellipse: s-maj=10.0km s-min=6.7km az=0.0.								
PRU	Event type ki.								
VIE	Event type sr. Error ellipse: s-maj=4.1km s-min=2.7km az=17.0. 71 km WNW of Breslau.								
Suspected Mining induced.									
(543) Germany									
ISC	II 26 10 23 38.3-35	49.37N-02	6.90E-03	0		62	1-4		
ISCJB	II 26 10 23 37.4-36	49.36N-02	6.88E-04	0					
LDG	II 26 10 23 39.3-08	49.38N	6.90E	1-0	2.7L,2.4				
BGR	II 26 10 23 39.5-1.8	49.34N	6.90E	1	2.0L,2.4				
NEIC	II 26 10 23 39.3	49.38N	6.90E	1	2.7L,2.4				
CSEM	II 26 10 23 39.4-10	49.37N	6.93E	1	2.6L,2.4				
BNS	II 26 10 23 40.5-1.9	50.43N	8.58E	1	1.5L,2.4				
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=3.4km s-min=2.8km az=45.1.								
LDG	Event type sr. Error ellipse: s-maj=2.0km s-min=1.6km az=116.0. Suspected Mining induced.								
BGR	Event type ki. Error ellipse: s-maj=26.7km s-min=7.8km az=92.0.								
NEIC	Event type se. After LDG.								
CSEM	Event type ki. Error ellipse: s-maj=2.5km s-min=1.7km az=108.0.								
BNS	Event type ki.								
(543) Germany									
ISC	II 26 18 27 10.5-28	49.38N-02	6.86E-03	0		85	0-5		
ISCJB	II 26 18 27 09.6-28	49.38N-02	6.85E-03	0					
BGR	II 26 18 27 10.5-1.2	49.37N	6.78E	1	2.2L				
LDG	II 26 18 27 11.6-08	49.38N	6.90E	1-0	3.3,3.2L				
BNS	II 26 18 27 11.2-2.1	50.31N	8.69E	1	2.0L,3.2L				
STR	II 26 18 27 11.1-26	49.37N	6.89E	1-1	2.6L,3.2L				
CSEM	II 26 18 27 11.5-06	49.39N	6.93E	1	3.1L,3.2L				
NEIC	II 26 18 27 11.1	49.37N	6.89E	1	3.2L,2.6L				
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=2.8km s-min=2.1km az=25.2.								
BGR	Event type ki. Error ellipse: s-maj=20.0km s-min=8.9km az=92.0.								
LDG	Event type sr. Error ellipse: s-maj=1.9km s-min=1.5km az=111.0. Suspected Mining induced.								
BNS	Event type ke.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
CSEM	Event type ki. Error ellipse: s-maj=1.6km s-min=1.1km az=94.0.								
NEIC	Event type se. After STR.								
(555) Western Arabian Peninsula									
ISC	II 27 12 35 40.7-1.1	29.81N-05	36.38E-06	0		26	1-3		
ISCJB	II 27 12 35 40.6-1.1	29.82N-04	36.33E-06	0					
HLW	II 27 12 35 40.7	29.65N	36.65E	13	2.9b				
CSEM	II 27 12 35 42.1-63	29.73N	36.23E	1	2.6L				
GII	II 27 12 36 26.0-77	29.88N	36.22E	0-0	2.6L				
ISC	Event type km.								
ISCJB	Event type km. Error ellipse: s-maj=7.4km s-min=6.5km az=13.8.								
CSEM	Event type km. Error ellipse: s-maj=11.2km s-min=9.3km az=98.0. Mining explosion.								
GII	Error ellipse: s-maj=9.2km s-min=6.6km az=-1.0.								
(724) Baltic States - Belarus - Northwestern Russia									
ISC	II 27 12 57 53.8-1.1	60.96N-07	29.1E-10	0		26	1-9		
ISCJB	II 27 12 57 50.9-1.2	60.90N-07	29.3E-10	0					
BER	II 27 12 57 54.7-2.7	60.92N	29.08E	0-0	2.1L				
HEL	II 27 12 57 54.8-30	60.96N	29.13E	0	2.1L,1.6L				
NAO	II 27 12 57 54.5-2.0	60.97N	29.12E	0	2.1L,1.6L				
IDC	II 27 12 57 58.2-3.1	60.97N	28.81E	11-13	3.2,3.2				
ISC	Event type kh.								
ISCJB	Event type kh. Error ellipse: s-maj=12.0km s-min=5.4km az=105.5.								
BER	Event type sh. Error ellipse: s-maj=15.9km s-min=18.4km az=-1.0. Suspected explosion.								
HEL	Event type kh. Error ellipse: s-maj=2.1km s-min=1.8km az=-1.0. Explosion.								
NAO	Error ellipse: s-maj=0.2km s-min=0.1km az=-1.0.								
IDC	Error ellipse: s-maj=18.3km s-min=12.3km az=132.0.								
(724) Baltic States - Belarus - Northwestern Russia									
HEL	II 27 13 30 27.4-00	60.97N	29.05E	0	2.3L,1.2L				
NAO	II 27 13 30 25.0-3.9	60.58N	28.68E	0	2.3L,1.2L				
BER	II 27 13 30 29.0-2.0	60.80N	28.78E	0-0	2.3L,1.2L				
HEL	Event type kh. Error ellipse: s-maj=0.1km s-min=0.1km az=-1.0. Explosion.								
NAO	Error ellipse: s-maj=0.5km s-min=0.2km az=-1.0.								
BER	Event type sh. Error ellipse: s-maj=12.7km s-min=26.4km az=-1.0. Suspected explosion.								
(548) Poland									
ISC	II 27 16 47 04.3-35	51.57N-02	16.12E-02	0		128	1-19		
ISCJB	II 27 16 47 03.2-40	51.51N-02	16.13E-03	0					
IPEC	II 27 16 47 04.2-28	51.59N	16.21E	0	2.7L				
IDC	II 27 16 47 05.8-75	51.52N	16.04E	0	3.4,3.3				
CSEM	II 27 16 47 05.8-13	51.53N	16.12E	1	3.6L,3.3				
BGR	II 27 16 47 06.5-77	51.58N	16.01E	1	3.1L,3.3				
NEIC	II 27 16 47 06.4-66	51.48N	15.94E	5	3.1L,2.6L				
PRU	II 27 16 47 06.3	51.50N	16.08E	0	3.1L,2.6L				
WAR	II 27 16 47 06.2	51.53N	16.10E	0	2.8L,2.6L				
VIE	II 27 16 47 07.7-53	51.32N	16.18E	0-0	3.1L,2.6b				
ISC	Event type kr.								
ISCJB	Event type kr. Error ellipse: s-maj=3.3km s-min=2.0km az=43.4.								
IPEC	Event type ki. Error ellipse: s-maj=3.2km s-min=1.6km az=70.0.								
IDC	Error ellipse: s-maj=11.2km s-min=7.0km az=115.0.								
CSEM	Event type ki. Error ellipse: s-maj=2.1km s-min=1.2km az=25.0.								
BGR	Event type ki. Error ellipse: s-maj=14.5km s-min=5.6km az=169.0.								
NEIC	Event type se. Error ellipse: s-maj=9.3km s-min=7.5km az=78.0.								
PRU	Event type ki. - Felt In Harrachov.								
WAR	Event type kr. Mining Induced.								
VIE	Event type sr. Error ellipse: s-maj=3.2km s-min=2.6km az=2.0. 63 km WNW of Breslau.								
Suspected Mining induced.									
(548) Poland									
ISC	II 27 21 34 26.0-74	51.45N-04	16.10E-04	0		54	1-4		
CSEM	II 27 21 34 23.3-27	51.57N	16.26E	1	2.9L				
ISCJB	II 27 21 34 25.0-69	51.42N-04	16.06E-03	0	2.9L				
NEIC	II 27 21 34 24.5-3.1	51.54N	16.44E	5	2.5				
IPEC	II 27 21 34 25.2-29	51.52N	16.26E	0	2.1L				
PRU	II 27 21 34 25.9	51.46N	16.18E	0	2.1L				
WAR	II 27 21 34 26.6	51.47N	16.11E	0	2.5L				
VIE	II 27 21 34 28.6-86	51.29N	16.20E	0-0	2.5L,1.9b				
ISC	Event type kr.								
CSEM	Event type kr. Error ellipse: s-maj=4.0km s-min=2.0km az=30.0.								
ISCJB	Event type kr. Error ellipse: s-maj=5.3km s-min=2.7km az=25.2.								
NEIC	Event type se. Error ellipse: s-maj=40.2km s-min=14.6km az=220.0.								
IPEC	Event type ki. Error ellipse: s-maj=1.9km s-min=1.5km az=40.0.								

PRU	Event type ki.								
WAR	Event type kr. Mining Induced.								
VIE	Event type sr. Error ellipse: s-maj=6.3km s-min=5.3km az=81.0. 60 km WNW of Breslau.								
Suspected Mining induced.									
(548) Poland									
WAR	II 28 04 27 17.8	50.06N	18.43E	0	2.9L				
NEIC	II 28 04 27 16.9-72	50.18N	18.42E	5	2.9				
CSEM	II 28 04 27 17.7-17	50.10N	18.36E	1	3.5L				
IPEC	II 28 04 27 17.8-12	50.07N	18.42E	1-2	2.5L				
IDC	II 28 04 27 17.7-1.8	49.83N	18.56E	0	3.2,3.1				

BER Event type sh. Error ellipse: s-maj=7.3km s-min=18.5km az=-1.0. Suspected explosion.

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (460) Wyoming.

ISC Event type fm. Error ellipse: s-maj=6.9km s-min=5.1km az=159.0.
IDC Error ellipse: s-maj=54.1km s-min=8.1km az=151.0.
NEIC Event type fm. Error ellipse: s-maj=9.9km s-min=7.5km az=83.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.

(723) Finland-Karelia border region

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (723) Finland-Karelia border region.

ISC Event type kh.
ISCJB Event type kh. Error ellipse: s-maj=9.5km s-min=4.8km az=34.6.
IDC Error ellipse: s-maj=36.2km s-min=8.4km az=100.0.
NAO Error ellipse: s-maj=0.1km s-min=0.3km az=-1.0.

HEL Event type kh. Error ellipse: s-maj=0.9km s-min=1.4km az=-1.0. Explosion.
BER Event type sh. Error ellipse: s-maj=7.2km s-min=38.9km az=-1.0. Suspected explosion.

(543) Germany

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (543) Germany.

ISC Event type sr. Error ellipse: s-maj=1.8km s-min=1.5km az=54.0.
MOS Error ellipse: s-maj=7.2km s-min=4.6km az=85.0.
STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.

CSEM Event type ki. Error ellipse: s-maj=0.8km s-min=0.6km az=113.0.
NEIC Event type se. After STR.
BGR Event type ki. Error ellipse: s-maj=3.3km s-min=3.3km az=113.0.
LDG Event type sr. Error ellipse: s-maj=1.2km s-min=1.0km az=179.0. Suspected Mining induced.

(460) Wyoming

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (460) Wyoming.

ISC Event type fm. Error ellipse: s-maj=6.5km s-min=4.9km az=20.9.
IDC Error ellipse: s-maj=57.2km s-min=8.9km az=151.0.
NEIC Event type fm. Error ellipse: s-maj=7.9km s-min=6.0km az=127.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.

(460) Wyoming

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (460) Wyoming.

ISC Event type fm. Error ellipse: s-maj=45.8km s-min=8.7km az=153.0.
ISCJB Event type fm. Error ellipse: s-maj=7.6km s-min=5.4km az=46.6.
MOS Error ellipse: s-maj=7.4km s-min=5.6km az=94.7.
NEIC Event type fm. Error ellipse: s-maj=7.6km s-min=6.8km az=95.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.

(547) Czech and Slovak Republics

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (547) Czech and Slovak Republics.

ISC Event type sr. Error ellipse: s-maj=2.7km s-min=1.7km az=24.8.
MOS Error ellipse: s-maj=7.4km s-min=5.6km az=94.7.
LDG Event type sr. Error ellipse: s-maj=9999.9km s-min=9999.9km az=99.0. Suspected Mining induced.

IDC Error ellipse: s-maj=15.9km s-min=6.9km az=151.0.
CSEM Event type ki. Error ellipse: s-maj=2.2km s-min=1.2km az=17.0.
NEIC Event type ki. Error ellipse: s-maj=2.1km s-min=1.1km az=161.0.
IPEC Event type se. Error ellipse: s-maj=6.3km s-min=4.9km az=3.0.
VIE Event type sr. Error ellipse: s-maj=2.0km s-min=1.4km az=45.0. 18 km SE of Ostrava. Suspected Mining induced.

PRU Event type ki.
BGR Event type ki. Error ellipse: s-maj=8.9km s-min=7.8km az=18.0.

(724) Baltic States - Belarus - Northwestern Russia

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (724) Baltic States - Belarus - Northwestern Russia.

ISC Event type km. Error ellipse: s-maj=4.1km s-min=3.5km az=40.4.
CSEM Event type km. Error ellipse: s-maj=2.7km s-min=2.4km az=58.0. Mining explosion.
MOS Error ellipse: s-maj=10.8km s-min=6.4km az=74.2.
IDC Error ellipse: s-maj=16.1km s-min=6.5km az=21.0.
UPP Event type km. Mining explosion.

(548) Poland

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (548) Poland.

ISC Event type km. Error ellipse: s-maj=36.0km s-min=11.4km az=213.0.
IPEC Event type ki. Error ellipse: s-maj=1.5km s-min=0.9km az=36.0.
ISCJB Event type kr. Error ellipse: s-maj=5.0km s-min=2.7km az=28.5.
WAR Event type kr. Mining Induced.

PRU Event type ki.
CSEM Event type ki. Error ellipse: s-maj=2.9km s-min=1.7km az=8.0.
VIE Event type sr. Error ellipse: s-maj=3.9km s-min=3.2km az=95.0. 64 km WNW of Breslau. Suspected Mining induced.

(373) Dead Sea region

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (373) Dead Sea region.

(536) Sweden

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (536) Sweden.

ISC Event type kh. Error ellipse: s-maj=4.2km s-min=3.3km az=52.3.
ISCJB Error ellipse: s-maj=0.1km s-min=0.1km az=-1.0.
NAO Error ellipse: s-maj=15.8km s-min=7.9km az=113.0.
HEL Event type kh. Error ellipse: s-maj=0.9km s-min=0.9km az=-1.0. Explosion.
BER Event type sh. Error ellipse: s-maj=7.9km s-min=20.2km az=-1.0. Suspected explosion.

(536) Sweden

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (536) Sweden.

ISC Event type km. Error ellipse: s-maj=8.6km s-min=7.7km az=18.0. Mining explosion.
ISCJB Event type km. Error ellipse: s-maj=6.4km s-min=5.4km az=16.2.
UPP Event type km. Mining explosion.
HEL Event type kh. Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. Explosion.

(548) Poland

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (548) Poland.

ISC Event type kr. Error ellipse: s-maj=1.6km s-min=1.3km az=157.5.
ISCJB Event type ki. Error ellipse: s-maj=1.6km s-min=1.2km az=173.0.
CSEM Event type sr. Error ellipse: s-maj=3.0km s-min=2.0km az=158.0. Suspected Mining induced.
LDG Event type ki. Error ellipse: s-maj=1.9km s-min=1.5km az=40.0.
IPEC Event type ki. Error ellipse: s-maj=3.3km s-min=3.3km az=147.0.

BGR Error ellipse: s-maj=6.2km s-min=3.5km az=83.8.
MOS Error ellipse: s-maj=8.5km s-min=4.9km az=100.0.
IDC Event type se. Error ellipse: s-maj=5.3km s-min=4.5km az=6.0.
PRU Event type ki. - Felt In Harrachov.
WAR Event type kr. Mining Induced.

VIE Event type sr. Error ellipse: s-maj=5.5km s-min=3.8km az=177.0. 75 km WNW of Breslau. Suspected Mining induced.
STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.

(373) Dead Sea region

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (373) Dead Sea region.

ISC Event type km. Error ellipse: s-maj=7.2km s-min=4.1km az=60.6.
ISCJB Event type km. Error ellipse: s-maj=2.6km s-min=1.6km az=108.0. Mining explosion.
CSEM Error ellipse: s-maj=1.3km s-min=3.6km az=-1.0.
GII

(548) Poland

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (548) Poland.

ISC Event type sr. Error ellipse: s-maj=6.7km s-min=3.2km az=35.3.
ISCJB Event type sr. Error ellipse: s-maj=3.3km s-min=2.8km az=94.0. Suspected Mining induced.
VIE Event type sr. Error ellipse: s-maj=3.8km s-min=2.0km az=19.0. Suspected Mining induced.
CSEM Event type ki.
PRU

(548) Poland

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (548) Poland.

ISC Event type kr. Error ellipse: s-maj=4.8km s-min=2.8km az=25.3.
ISCJB Event type se. Error ellipse: s-maj=52.1km s-min=11.1km az=209.0.
NEIC Event type kr. Mining Induced.
WAR Event type sr. Error ellipse: s-maj=6.6km s-min=2.9km az=15.0. Suspected Mining induced.
CSEM Event type sr. Error ellipse: s-maj=4.1km s-min=3.8km az=171.0. 65 km WNW of Breslau. Suspected Mining induced.

(548) Poland

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (548) Poland.

ISC Event type kr. Error ellipse: s-maj=13.9km s-min=8.3km az=68.0.
ISCJB Event type kr. Error ellipse: s-maj=3.6km s-min=2.3km az=42.1.
CSEM Event type ki. Error ellipse: s-maj=3.8km s-min=2.3km az=25.0.
IPEC Event type ki. Error ellipse: s-maj=2.0km s-min=0.8km az=27.0.
WAR Event type kr. Mining Induced.

PRU Event type ki.
VIE Event type sr. Error ellipse: s-maj=4.4km s-min=4.0km az=124.0. 67 km WNW of Breslau. Suspected Mining induced.

(548) Poland

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (548) Poland.

ISC Event type kr. Error ellipse: s-maj=5.9km s-min=3.0km az=28.4.
ISCJB Event type ki. Error ellipse: s-maj=1.7km s-min=1.0km az=24.0.
CSEM Event type kr. Mining Induced.
WAR Event type ki. Error ellipse: s-maj=2.7km s-min=1.4km az=9.0.
CSEM Event type se. Error ellipse: s-maj=29.9km s-min=10.8km az=24.0.
NEIC Event type ki.
PRU Event type sr. Error ellipse: s-maj=3.6km s-min=3.4km az=168.0. 72 km WNW of Breslau. Suspected Mining induced.

(537) Baltic Sea

Table with 10 columns: Country, Year, Day, Time, S-Maj, S-Min, Az, Count, Count, Count, Count. Includes entries for (537) Baltic Sea.

ISC Event type kh. Error ellipse: s-maj=9.2km s-min=5.3km az=110.5.
ISCJB Error ellipse: s-maj=20.7km s-min=11.8km az=50.0.

HEL Event type kh. Error ellipse: s-maj=1.1km s-min=1.4km az=-1.0. Explosion.

(548) Poland										
WAR	III	15 12 20 50.7	50.21N	18.73E		2.5L				
PRU	III	15 12 20 51.3	50.28N	18.58E	0	2.5L	¶10604201			
WAR Event type kr. Mining Induced.										
PRU Event type ki. Mining Induced.										
(546) Austria										
ISC	III	15 13 00 49.6-1.7	46.01N-09	13.68E-07	0		8	0-0		
ISC Event type kh. Error ellipse: s-maj=3.2km s-min=1.9km az=33.9.										
(548) Poland										
ISC	III	15 17 02 16.5-33	51.50N-02	16.11E-02	0		134	1-19		
ISCJB	III	15 17 02 15.1-37	51.47N-02	16.11E-02	0		¶10604345			
MOS	III	15 17 02 15.2-79	51.63N	16.18E	10	3.7b				
NEIC	III	15 17 02 16.4-1.0	51.58N	16.15E	5-9	3.0L,2.6L				
IPEC	III	15 17 02 16.9-31	51.52N	16.17E	2-1	2.5L,2.6L				
BGR	III	15 17 02 16.6-53	51.52N	16.15E	1	3.1L,2.6L				
IDC	III	15 17 02 18.0-66	51.47N	15.98E	0	3.4,3.3				
CSEM	III	15 17 02 18.1-11	51.46N	16.11E	1-0	3.3L,3.3				
VIE	III	15 17 02 18.8-69	51.31N	16.02E	0-0	3.0L,2.5b				
WAR	III	15 17 02 18.2	51.49N	16.10E		2.7L,2.5b				
PRU	III	15 17 02 18.6	51.45N	16.07E	0	2.7L,2.5b				
UPP	III	15 17 02 38.2	53.05N	15.46E	0	2.8L,2.5b				

ISC Event type kr. Error ellipse: s-maj=3.2km s-min=1.9km az=33.9.										
MOS Error ellipse: s-maj=12.9km s-min=5.9km az=80.6.										
NEIC Event type se. Error ellipse: s-maj=6.1km s-min=4.8km az=116.0.										
IPEC Event type ki. Error ellipse: s-maj=2.0km s-min=0.7km az=26.0.										
BGR Event type ki. Error ellipse: s-maj=7.8km s-min=4.4km az=162.0.										
IDC Error ellipse: s-maj=12.1km s-min=6.8km az=102.0.										
CSEM Event type ki. Error ellipse: s-maj=2.0km s-min=1.2km az=10.0.										
VIE Event type sr. Error ellipse: s-maj=4.3km s-min=4.2km az=29.0. 73 km WNW of Breslau.										
Suspected Mining induced.										
WAR Event type kr. Mining Induced.										
PRU Event type ki. Felt In Harrachov.										
UPP Event type sm. Suspected Mining explosion.										

(460) Wyoming										
ISC	III	15 21 06 10.7-53	43.77N-04	105.24W-06	0	5.0b	33	1-61		
IDC	III	15 21 06 07.0-2.4	43.28N	105.18W	0	3.8,3.6	¶10604453			
ISCJB	III	15 21 06 09.2-59	43.74N-05	105.24W-07	0	5.0b,3.6				
NEIC	III	15 21 06 10.7-39	43.72N	105.20W	0	3.3L,3.6				
ISC Event type fm.										
IDC Error ellipse: s-maj=50.0km s-min=9.0km az=154.0.										
ISCJB Event type fm. Error ellipse: s-maj=7.9km s-min=6.5km az=52.2.										
NEIC Event type fm. Error ellipse: s-maj=5.8km s-min=4.4km az=127.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.										

(548) Poland										
ISC	III	16 04 14 10.7-56	50.26N-04	18.71E-03	0		28	1-4		
ISCJB	III	16 04 14 09.5-59	50.25N-04	18.63E-03	0		¶10604585			
NEIC	III	16 04 14 10.1-1.1	50.25N	18.82E	5	2.5				
WAR	III	16 04 14 10.4	50.23N	18.82E		2.5L				
VIE	III	16 04 14 14.7-54	49.96N	18.64E	0-0	2.2L,1.7b				
ISC Event type kr.										
ISCJB Event type kr. Error ellipse: s-maj=6.6km s-min=2.6km az=33.6.										
NEIC Event type se. Error ellipse: s-maj=18.5km s-min=7.0km az=177.0.										
WAR Event type kr. Mining Induced.										
VIE Event type sr. Error ellipse: s-maj=3.8km s-min=3.1km az=153.0. 31 km ENE of Ostrava.										
Suspected Mining induced.										

(543) Germany										
ISC	III	16 05 20 48.1-13	49.351N-01	6.85E-01	0		431	0-8		
ISCJB	III	16 05 20 46.9-15	49.315N-01	6.88E-01	0		¶10604606			
MOS	III	16 05 20 48.2-1.1	49.37N	6.73E	10	4.0b				
UCC	III	16 05 20 49.6-62	49.35N	6.85E	1-4	2.9L				
CSEM	III	16 05 20 49.4-05	49.36N	6.93E	1	3.8L				
NEIC	III	16 05 20 49.4	49.37N	6.85E	1	3.7L,3.3L				
LDG	III	16 05 20 49.7-06	49.37N	6.90E	1-0	3.7L,3.5				
STR	III	16 05 20 49.3-27	49.38N	6.85E	1-1	3.1L,3.5				
LEDBW	III	16 05 20 49.3-20	49.38N	6.90E	1-0	3.2L,3.5				
BGR	III	16 05 20 50.0-30	49.39N	6.93E	1	3.3L,3.5				
BNS	III	16 05 20 50.8-83	49.41N	6.91E	1	3.2L,3.5				
PRU	III	16 05 20 52.1	49.20N	7.22E	0	3.2L,3.5				
ISC Event type sr.										
ISCJB Event type sr. Error ellipse: s-maj=1.4km s-min=1.3km az=94.0.										
MOS Error ellipse: s-maj=8.5km s-min=4.7km az=79.2.										
UCC Event type ki.										
CSEM Event type ki. Error ellipse: s-maj=1.1km s-min=0.7km az=140.0.										
NEIC Event type se. After STR.										
LDG Event type sr. Error ellipse: s-maj=1.3km s-min=1.0km az=167.0. Suspected Mining induced.										
STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.										
LEDBW Error ellipse: s-maj=6.0km s-min=2.0km az=104.0.										
BGR Event type ki. Error ellipse: s-maj=4.4km s-min=2.2km az=104.0.										
BNS Event type ki.										

(724) Baltic States - Belarus - Northwestern Russia										
ISC	III	16 14 25 06.2-81	59.36N-04	26.8E-10	0		16	1-10		
ISCJB	III	16 14 25 03.3-1.2	59.39N-04	27.1E-30	0		¶10604828			
HEL	III	16 14 25 06.5-40	59.32N	27.37E	0	2.2L				
NAO	III	16 14 25 06.8-2.1	59.29N	26.99E	0	2.2L				
BER	III	16 14 25 07.0-1.8	59.31N	27.28E	0-0	2.2L				
IDC	III	16 14 25 08.7-2.0	59.42N	27.07E	0	3.2,3.2				
ISC Event type kh.										
ISCJB Event type kh. Error ellipse: s-maj=21.2km s-min=5.1km az=3.2.										
HEL Event type kh. Error ellipse: s-maj=1.3km s-min=4.9km az=-1.0. Explosion.										
NAO Error ellipse: s-maj=0.1km s-min=0.3km az=1.0.										
BER Event type sh. Error ellipse: s-maj=3.4km s-min=15.4km az=-1.0. Suspected explosion.										
IDC Error ellipse: s-maj=18.5km s-min=11.8km az=116.0.										

(548) Poland										
ISC	III	16 17 08 51.5-34	51.50N-02	16.06E-02	0	3.4b	138	1-60		
MOS	III	16 17 08 50.3-91	51.61N	16.14E	10	3.7b	¶10604914			
ISCJB	III	16 17 08 51.3-34	51.38N-02	16.01E-02	0	3.4b				
NEIC	III	16 17 08 51.3-34	51.57N	16.11E	5	2.9L,2.6L				
BGR	III	16 17 08 52.1-51	51.45N	16.11E	1	3.1L,2.6L				
IDC	III	16 17 08 52.8-62	51.49N	15.96E	0	3.6,3.4				
CSEM	III	16 17 08 53.7-15	51.45N	16.01E	1	3.5L,3.4				
WAR	III	16 17 08 53.3	51.48N	16.04E		2.8L,3.4				
VIE	III	16 17 08 54.7-67	51.27N	16.12E	0-0	3.0L,2.5b				
ISC Event type kr.										
MOS Error ellipse: s-maj=11.7km s-min=5.6km az=80.1.										
ISCJB Event type kr. Error ellipse: s-maj=2.8km s-min=1.8km az=25.8.										
NEIC Event type se. Error ellipse: s-maj=4.8km s-min=4.1km az=89.0.										
BGR Event type ki. Error ellipse: s-maj=4.4km s-min=4.4km az=123.0. Poland.										
IDC Error ellipse: s-maj=13.3km s-min=6.4km az=104.0.										
CSEM Event type ki. Error ellipse: s-maj=3.0km s-min=1.5km az=13.0.										
WAR Event type kr. Mining Induced.										
VIE Event type sr. Error ellipse: s-maj=4.0km s-min=3.1km az=0.0. 65 km WNW of Breslau.										
Suspected Mining induced.										

(548) Poland										
ISC	III	17 07 40 36.9-39	50.07N-03	18.42E-03	0		48	0-4		
ISCJB	III	17 07 40 35.7-41	50.10N-03	18.44E-03	0		¶10605212			
IPEC	III	17 07 40 37.1-12	50.01N	18.44E	2-1	2.2L				
WAR	III	17 07 40 37.1	50.04N	18.44E		2.6L				
NEIC	III	17 07 40 37.8-65	50.06N	18.37E	5	2.9L				
CSEM	III	17 07 40 37.0-08	50.04N	18.41E	2	3.2L				
VIE	III	17 07 40 39.6-62	49.75N	18.33E	0-0	2.6L,1.6b				
ISC Event type kr.										
ISCJB Event type kr. Error ellipse: s-maj=4.2km s-min=2.3km az=22.7.										
IPEC Event type ki. Error ellipse: s-maj=2.0km s-min=0.7km az=161.0.										
WAR Event type kr. Mining Induced.										
NEIC Event type se. Error ellipse: s-maj=11.3km s-min=6.3km az=9.0.										
CSEM Event type ki. Error ellipse: s-maj=2.1km s-min=1.1km az=3.0.										
VIE Event type sr. Error ellipse: s-maj=4.1km s-min=2.2km az=81.0. 11 km SSE of Ostrava.										
Suspected Mining induced.										

(724) Baltic States - Belarus - Northwestern Russia										
ISC	III	17 09 59 49.8-93	64.69N-04	30.7E-10	0		30	1-10		
BER	III	17 09 59 47.0-4.1	64.65N	31.81E	0-0	2.0L	¶10605280			
ISCJB	III	17 09 59 48.1-00	64.76N-04	30.7E-20	0	2.0L				
IDC	III	17 09 59 48.6-2.3	64.59N	31.63E	0	3.0,3.0				
NAO	III	17 09 59 48.3-3.3	64.69N	31.36E	0	2.0L,3.0				
HEL	III	17 09 59 50.5-50	64.70N	30.81E	0	2.0L,1.6L				
ISC Event type kh.										
BER Event type sh. Error ellipse: s-maj=10.9km s-min=7.6km az=-1.0. Suspected explosion.										
ISCJB Event type kh. Error ellipse: s-maj=10.9km s-min=5.3km az=22.0.										
IDC Error ellipse: s-maj=28.7km s-min=9.8km az=103.0.										
NAO Error ellipse: s-maj=0.1km s-min=0.4km az=-1.0.										
HEL Event type kh. Error ellipse: s-maj=2.2km s-min=3.5km az=-1.0. Explosion.										

(548) Poland										
ISC	III	17 18 02 21.6-58	51.54N-03	16.10E-04	0		36	1-4		
ISCJB	III	17 18 02 20.9-67	51.49N-03	16.09E-04	0		¶10605543			
CSEM	III	17 18 02 21.1-30	51.59N	16.00E	2	2.8L				
PRU	III	17 18 02 23.6	51.46N	16.08E	0	2.8L				
VIE	III	17 18 02 24.9-62	51.30N	16.09E	0-0	2.5L,1.9b				
ISC Event type sr.										
ISCJB Event type sr. Error ellipse: s-maj=5.1km s-min=3.3km az=28.9.										
CSEM Event type sr. Error ellipse: s-maj=5.8km s-min=4.7km az=96.0. Suspected Mining induced.										
PRU Event type ki.										
VIE Event type sr. Error ellipse: s-maj=4.4km s-min=3.8km az=80.0. 68 km WNW of Breslau.										
Suspected Mining induced.										

(460) Wyoming										
ISC	III	17 19 03 38.3-59	43.72N-05	105.22W-08	0	4.3b	23	1-61		
IDC	III	17 19 03 34.5-2.6	43.31N	105.16W	0	4.2L,4.2b	¶10605556			
ISCJB	III	17 19 03 37.8-64	43.71N-05	105.31W-08	0	4.3b,4.2b				
NEIC	III	17 19 03 38.6-61	43.72N	105.25W	0	3.0L,4.2b				
ISC Event type fm.										
IDC Error ellipse: s-maj=57.2km s-min=9.8km az=155.0.										
ISCJB Event type fm. Error ellipse: s-maj=8.6km s-min=7.1km az=31.6.										
NEIC Event type fm. Error ellipse: s-maj=8.8km s-min=7.8km az=127.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.										

(460) Wyoming										
ISC	III	18 18 58 24.4-48	43.74N-03	105.30W-05	0	4.1b	43	1-61		
IDC	III	18 18 58 21.6-2.1	43.73N	105.22W	0					

CSEM	III	30 10 46 02.8-86	70.66N	50.67E	2	2.6L				
NAO	III	30 10 46 02.8-3.2	70.79N	51.50E		2.3L				
HEL	III	30 10 46 03.1-60	70.60N	51.93E	10	2.6L				
ISCJB	Event type km. Error ellipse: s-maj=17.2km s-min=8.1km az=88.8.									
CSEM	Event type km. Error ellipse: s-maj=17.6km s-min=8.1km az=121.0. Mining explosion.									
NAO	Error ellipse: s-maj=0.1km s-min=0.3km az=-1.0.									
HEL	Error ellipse: s-maj=3.7km s-min=3.4km az=-1.0.									
ISC	III	30 14 27 39.1-1.2	67.71N-04	34.1E-20	0		34	0-12		
ISCJB	III	30 14 27 37.7-1.3	67.70N-04	34.1E-20	0		110613647			
HEL	III	30 14 27 39.5-30	67.68N	34.25E	0	2.4L,2.1L				
NAO	III	30 14 27 40.3-1.2	67.63N	34.08E	0	2.1L,2.1L				
IDC	III	30 14 27 43.9-2.6	67.61N	33.33E	0	3.2,3.2				
ISC	Event type kh.									
ISCJB	Event type kh. Error ellipse: s-maj=11.7km s-min=5.8km az=172.5.									
HEL	Event type kh. Error ellipse: s-maj=1.2km s-min=1.6km az=-1.0. Explosion.									
NAO	Error ellipse: s-maj=0.0km s-min=0.1km az=-1.0.									
IDC	Error ellipse: s-maj=29.2km s-min=8.8km az=77.0.									
(548) Poland	ISC	III	30 19 35 29.3-49	51.52N-03	16.12E-03	0	103	1-5		
ISCJB	III	30 19 35 29.3-53	51.41N-03	16.06E-03	0		110613867			
NEIC	III	30 19 35 29.3-58	51.54N	16.16E	5	3.0L				
BGR	III	30 19 35 29.7-60	51.50N	16.16E	1	3.0L				
IPEC	III	30 19 35 31.9-34	51.39N	16.48E	0	3.0L				
WAR	III	30 19 35 31.0	51.49N	16.10E	0	2.7L				
PRU	III	30 19 35 31.6	51.42N	16.08E	0	2.7L				
CSEM	III	30 19 35 31.0-16	51.47N	16.08E	0-0	3.3L				
VIE	III	30 19 35 32.1-92	51.33N	16.00E	0-0	2.8L,2.5b				
ISC	Event type kr.									
ISCJB	Event type kr. Error ellipse: s-maj=4.2km s-min=2.2km az=18.3.									
NEIC	Event type se. Error ellipse: s-maj=7.2km s-min=5.2km az=216.0.									
BGR	Event type ki. Error ellipse: s-maj=5.6km s-min=4.4km az=158.0.									
IPEC	Event type ki. Error ellipse: s-maj=3.4km s-min=2.1km az=87.0.									
WAR	Event type kr. Mining Induced.									
PRU	Event type ki. Felt In Harrachov.									
CSEM	Event type ki. Error ellipse: s-maj=2.7km s-min=1.5km az=4.0.									
VIE	Event type sr. Error ellipse: s-maj=6.3km s-min=4.8km az=15.0. 74 km WNW of Breslau.									
Suspected Mining induced.										
(547) Czech and Slovak Republics	ISC	III	31 00 02 39.0-36	49.82N-03	18.47E-03	0	56	0-5		
ISCJB	III	31 00 02 37.9-36	49.84N-03	18.45E-03	0		110614006			
IPEC	III	31 00 02 38.9-17	49.86N	18.54E	7-1	2.0L				
CSEM	III	31 00 02 39.2-20	49.89N	18.52E	1-1	3.0L				
PRU	III	31 00 02 40.2	49.81N	18.44E	0	3.0L				
ISC	Event type ki.									
ISCJB	Event type ki. Error ellipse: s-maj=4.1km s-min=2.3km az=30.9.									
IPEC	Event type ki. Error ellipse: s-maj=1.8km s-min=1.0km az=160.0.									
CSEM	Event type ki. Error ellipse: s-maj=5.0km s-min=2.1km az=31.0.									
PRU	Event type ki.									
(373) Dead Sea region	ISC	III	31 10 33 15.3-38	31.06N-02	35.15E-04	0	36	0-3		
HLW	III	31 10 33 12.6	31.38N	35.31E	15	3.0b	110614355			
ISCJB	III	31 10 33 14.8-38	31.06N-02	35.14E-04	0	3.0b				
CSEM	III	31 10 33 14.9-17	31.06N	35.13E	2	2.8L				
GII	III	31 10 33 14.2-86	31.07N	35.14E	0-4	2.8L				
ISC	Event type km.									
ISCJB	Event type km. Error ellipse: s-maj=5.5km s-min=2.5km az=50.5.									
CSEM	Event type km. Error ellipse: s-maj=5.5km s-min=3.0km az=116.0. Mining explosion.									
GII	Error ellipse: s-maj=1.6km s-min=1.9km az=-1.0.									
(383) Northwestern Balkan Peninsula	ISC	III	31 14 18 19.0-3.2	46.4N-20	14.3E-10	0	8	0-0		
ISC	Event type km.									
(460) Wyoming	ISC	III	31 19 10 37.4-52	43.74N-03	105.18W-06	0	30	1-20		
IDC	III	31 19 10 35.5-2.2	43.53N	105.36W	0	3.5,3.3L	110614641			
ISCJB	III	31 19 10 36.2-55	43.76N-03	105.19W-06	0	3.5,3.3L				
NEIC	III	31 19 10 37.3-38	43.69N	105.21W	0	3.1L,3.3L				
ISC	Event type fm.									
IDC	Error ellipse: s-maj=48.6km s-min=9.1km az=152.0.									
ISCJB	Event type fm. Error ellipse: s-maj=6.5km s-min=4.8km az=6.2.									
NEIC	Event type fm. Error ellipse: s-maj=5.6km s-min=4.2km az=140.0. 75 km [45 miles] SSE of Gillette. Suspected Mining explosion.									
(548) Poland	ISC	IV	01 11 27 31.4-35	51.55N-02	16.10E-02	0	123	1-19		
ISCJB	IV	01 11 27 30.2-40	51.50N-02	16.08E-02	0		118228629			
NEIC	IV	01 11 27 31.6-43	51.59N	16.17E	5	3.3L,3.0L				
IPEC	IV	01 11 27 31.0-29	51.61N	16.25E	0	2.7L,3.0L				
VIE	IV	01 11 27 32.4-36	51.50N	16.10E	0-0	3.1L,2.7b				
IDC	IV	01 11 27 32.7-68	51.52N	16.04E	0	3.5,3.4				
PRU	IV	01 11 27 33.4	51.49N	16.05E	0	3.5,3.4				
BGR	IV	01 11 27 33.1-61	51.51N	16.07E	1	3.3L,3.4				
WAR	IV	01 11 27 33.2	51.53N	16.06E	2	2.9L,3.4				
CSEM	IV	01 11 27 34.1-17	51.47N	16.08E	2	3.6L,3.4				
UPP	IV	01 11 28 13.7	54.67N	15.23E	0	2.6L,3.4				
ISC	Event type kr.									
ISCJB	Event type kr. Error ellipse: s-maj=3.2km s-min=2.0km az=23.3.									
NEIC	Event type se. Error ellipse: s-maj=5.2km s-min=5.0km az=91.0.									
IPEC	Event type ki. Error ellipse: s-maj=3.3km s-min=1.6km az=97.0.									
VIE	Event type sr. Error ellipse: s-maj=4.5km s-min=2.3km az=42.0. 78 km NW of Breslau.									
Suspected Mining induced.										
IDC	Error ellipse: s-maj=10.5km s-min=6.2km az=115.0.									
PRU	Event type ki.									
BGR	Event type ki. Error ellipse: s-maj=7.8km s-min=4.4km az=155.0.									
WAR	Event type kr. Mining Induced.									
CSEM	Event type ki. Error ellipse: s-maj=3.0km s-min=1.7km az=16.0.									
UPP	Event type sm. Suspected Mining explosion.									
(536) Sweden	ISC	IV	01 12 42 32.5-43	58.29N-03	11.26E-05	0	78	1-13		
ISCJB	IV	01 12 42 31.5-45	58.30N-03	11.29E-05	0		110697455			
CSEM	IV	01 12 42 31.2-10	58.21N	11.13E	1	2.6L				
BER	IV	01 12 42 33.6-3.9	58.18N	11.31E	0-15	2.8,2.2L				
HEL	IV	01 12 42 33.7-30	58.29N	11.31E	0	2.9L,2.6L				
IDC	IV	01 12 42 35.1-2.0	58.33N	11.23E	0	3.3,3.2				
NAO	IV	01 12 42 35.5-2.1	58.37N	11.23E	0	2.2L,3.2				
UPP	IV	01 12 42 35.1	58.28N	11.57E	0	2.6L,3.2				
ISC	Event type km.									
ISCJB	Event type km. Error ellipse: s-maj=5.0km s-min=3.8km az=3.5.									
CSEM	Event type km. Error ellipse: s-maj=2.4km s-min=2.1km az=13.0. Mining explosion.									
BER	Error ellipse: s-maj=14.3km s-min=13.0km az=-1.0.									
HEL	Event type kh. Error ellipse: s-maj=2.4km s-min=1.3km az=-1.0. Explosion.									
IDC	Error ellipse: s-maj=16.5km s-min=12.9km az=66.0.									
NAO	Error ellipse: s-maj=0.1km s-min=0.1km az=-1.0.									
UPP	Event type sm. Suspected Mining explosion.									
(548) Poland	ISC	IV	03 10 16 53.2-29	50.11N-02	18.40E-02	0	3.2b	110	0-62	
ISCJB	IV	03 10 16 51.6-31	50.16N-02	18.37E-02	0	3.2b	118449009			
IPEC	IV	03 10 16 52.8-39	50.08N	18.57E	1-2	2.8L				
MOS	IV	03 10 16 52.7-1.3	50.19N	18.45E	10	4.0b				
NEIC	IV	03 10 16 53.5-57	50.19N	18.41E	5	3.4L				
IDC	IV	03 10 16 54.7-80	49.96N	18.43E	0	3.5,3.4				
CSEM	IV	03 10 16 54.3-11	50.12N	18.40E	1	3.6L,3.4				
VIE	IV	03 10 16 55.0-99	50.03N	18.21E	0-0	2.6L,2.6b				
WAR	IV	03 10 16 54.8	50.06N	18.44E	3	3.0L,2.6b				
BGR	IV	03 10 17 04.3-88	50.44N	17.95E	1	3.4L,2.6b				
ISC	Event type kr.									
ISCJB	Event type kr. Error ellipse: s-maj=3.5km s-min=2.0km az=36.5.									
IPEC	Event type ki. Error ellipse: s-maj=2.5km s-min=2.4km az=66.0.									
MOS	Error ellipse: s-maj=8.1km s-min=5.8km az=95.1.									
NEIC	Event type se. Error ellipse: s-maj=7.6km s-min=6.1km az=164.0.									
IDC	Error ellipse: s-maj=16.3km s-min=7.3km az=146.0.									

CSEM	Event type ki. Error ellipse: s-maj=2.6km s-min=1.6km az=9.0.									
VIE	Event type sr. Error ellipse: s-maj=6.3km s-min=4.8km az=11.0. 22 km N of Ostrava.									
Suspected Mining induced.										
WAR	Event type kr. Mining Induced.									
BGR	Event type ki. Error ellipse: s-maj=38.9km s-min=14.5km az=15.0.									
(724) Baltic States - Belarus - Northwestern Russia										
HEL	IV	03 14 34 50.6-30	57.27N	24.99E	0	2.5L,1.9L				
CSEM	IV	03 14 34 35.3-75	56.58N	24.75E	1	2.9L,1.9L	110697515			
NAO	IV	03 14 34 38.8-4.1	56.98N	24.67E	5-14	2.5L,1.9L				
BER	IV	03 14 34 39.7-3.8	56.93N	24.69E	0-0	2.5L,1.9L				
HEL	Event type kh. Error ellipse: s-maj=1.5km s-min=1.1km az=-1.0. Explosion.									
CSEM	Event type km. Error ellipse: s-maj=12.3km s-min=11.5km az=96.0. Mining explosion.									
NAO	Error ellipse: s-maj=0.2km s-min=0.1km az=-1.0.									
BER	Event type sh. Error ellipse: s-maj=26.3km s-min=21.8km az=-1.0. Suspected explosion.									
(460) Wyoming	ISC	IV	03 18 06 05.1-51	43.81N-04	105.18W-06	0	3.5b	47	1-90	
ISCJB	IV	03 18 06 03.9-55	43.81N-04	105.22W-06	0	3.5b	118854585			
IDC	IV	03 18 06 04.0-1.8	43.70N	105.41W	0	3.7L,3.7				
NEIC	IV	03 18 06 05.0-42	43.80N	105.19W	0	3.3L,3.7				
ISC	Event type fm.									
ISCJB	Event type fm. Error ellipse: s-maj=6.9km s-min=5.0km az=59.5.									
IDC	Error ellipse: s-maj=42.9km s-min=8.2km az=150.0.									
NEIC	Event type fm. Error ellipse: s-maj=5.8km s-min=4.5km az=127.0. 60 km [35 miles] SSE of Gillette. Suspected Mining explosion.									
(460) Wyoming	ISC	IV	03 20 02 41.2-62	43.75N-05	105.16W-08	0		21	1-20	
ISCJB	IV	03 20 02 38.9-82	43.78N-05	105.05W-10	0		118854586			
IDC	IV	03 20 02 38.1-2.3	43.30N	105.22W	0	3.6,3.4L				
NEIC	IV	03 20 02 41.3-45	43.70N	105.18W	0	3.2L,3.4L				
ISC	Event type fm.									
ISCJB	Event type fm. Error ellipse: s-maj=10.5km s-min=7.2km az=22.4.									
IDC	Error ellipse: s-maj=46.4km s-min=9.2km az=154.0.									
NEIC	Event type fm. Error ellipse: s-maj=6.7km s-min=5.3km az=141.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.									
(536) Sweden	ISC	IV	03 22 15 09.0-46	67.14N-03	20.66E-08	0		30	0-4	
ISCJB	IV	03 22 15 08.3-46	67.15N-03	20.67E-08	0		118965134			
UPP	IV	03 22 15 08.6	67.19N	20.68E	6	2.6L				
CSEM	IV	03 22 15 09.0-14	67.10N	20.68E	2	2.6L				
HEL	IV	03 22 15 09.3-10	67.16N	20.65E	0	2.6L,1.4L				
BER	IV	03 22 15 12.9-1.6	67.08N	21.07E	0-0	1.4L,1.4L				
ISC	Event type km.									
ISCJB	Event type km. Error ellipse: s-maj=4.6km s-min=4.2km az=133.4.									
UPP	Event type km. Mining explosion.									
CSEM	Event type km. Error ellipse: s-maj=3.5km s-min=3.3km az=121.0. Mining explosion.									
HEL	Event type kh. Error ellipse: s-maj=1.2km s-min=1.3km az=-1.0. Explosion.									
BER	Event type sh. Error ellipse: s-maj=11.9km s-min=28.4km az=-1.0. Suspected explosion.									
(548) Poland	ISC	IV	03 23 42 18.8-61	51.45N-03	16.16E-04	0		35	1-4	
ISCJB	IV	03 23 42 17.4-62	51.44N-03	16.14E-04	0		118776247			
PRU	IV	03 23 42 20.8	51.39N	16.15E	0					
VIE	IV	03 23 42 20.2-36	51.29N	16.07E	0-0	2.5L,2.1b				
CSEM	IV	03 23 42 21.1-35	51.39N	16.15E	1-0	3.1L,2.1b				
ISC	Event type sr.									
ISCJB	Event type sr. Error ellipse: s-maj=4.9km s-min=3.2km az=49.7.									
PRU	Event type ki.									
VIE	Event type sr. Error ellipse: s-maj=2.5km s-min=1.5km az=9.0. 69 km WNW of Breslau.									
Suspected Mining induced.										
CSEM	Event type sr. Error ellipse: s-maj=5.1km s-min=3.0km az=17.0. Suspected Mining induced.									
(548) Poland	ISC	IV	04 03 58 45.9-83	51.51N-04	16.05E-04					

CSEM	Event type ki. Error ellipse: s-maj=6.5km s-min=3.5km az=29.0.								
(724) Baltic States - Belarus - Northwestern Russia									
ISC	IV 05 09 56 03.7-1.6	63.23N-07	33.7E-20	0				32	1-11
ISCJB	IV 05 09 56 01.6-1.8	63.33N-07	33.7E-30	0				110697552	
NAO	IV 05 09 56 01.1-2.9	62.99N	34.28E	1-14	2.2L				
HEL	IV 05 09 56 03.4-4.0	62.56N	34.18E	0	2.2L,1.7L				
IDC	IV 05 09 56 04.1-2.6	63.08N	34.00E	0	3.0,3.0				
(548) Poland									
ISC	IV 05 20 19 38.7-54	51.51N-03	16.14E-03	0				83	1-5
ISCJB	IV 05 20 19 38.7-57	51.39N-03	16.09E-02	0				118449049	
WAR	IV 05 20 19 39.7	51.53N	16.14E		2.6L				
BGR	IV 05 20 19 39.3-69	51.52N	16.16E	1	3.1L				
CSEM	IV 05 20 19 39.9-15	51.49N	16.12E	0-0	3.2L				
IPEC	IV 05 20 19 39.4-38	51.51N	16.47E	0	2.1L				
NEIC	IV 05 20 19 41.5-1.3	51.39N	15.92E	5	3.1L				
PRU	IV 05 20 19 41.1	51.43N	16.06E	0	3.1L				
VIE	IV 05 20 19 41.8-80	51.30N	16.09E	0-0	2.7L,2.5b				
(721) Finland									
ISC	IV 06 10 49 04.4-54	63.10N-03	27.69E-08	0				21	1-8
ISCJB	IV 06 10 49 03.6-53	63.13N-03	27.65E-08	0				118965216	
IDC	IV 06 10 49 05.1-1.8	63.02N	28.04E	0	3.2,3.1				
HEL	IV 06 10 49 05.4-10	63.13N	27.66E	0	1.7L,3.1				
(548) Poland									
ISC	IV 07 04 55 16.0-68	51.49N-03	16.10E-04	0				40	1-5
ISCJB	IV 07 04 55 14.7-66	51.46N-03	16.08E-04	0				119785820	
NEIC	IV 07 04 55 15.9-79	51.54N	16.09E	5	2.8L,2.5L				
IPEC	IV 07 04 55 16.4-47	51.50N	16.20E	0	2.1L,2.5L				
WAR	IV 07 04 55 17.5	51.48N	16.09E	0	2.5L,2.5L				
PRU	IV 07 04 55 17.3	51.45N	16.09E	0	2.5L,2.5L				
CSEM	IV 07 04 55 17.5-19	51.45N	16.15E	1	3.3L,2.5L				
(723) Finland-Karelia border region									
ISC	IV 07 09 00 08.2-67	64.76N-03	30.6E-10	0				23	1-14
ISCJB	IV 07 09 00 07.3-70	64.76N-03	30.6E-10	0				110697594	
IDC	IV 07 09 00 09.2-1.9	64.70N	30.99E	0	3.0,3.0				
HEL	IV 07 09 00 09.1-20	64.72N	30.68E	0	2.1L,3.0				
NAO	IV 07 09 00 10.2-80	64.72N	30.47E	0	1.9L,3.0				
(548) Poland									
WAR	IV 07 10 03 39.1	50.25N	18.96E	0	2.7L				
PRU	IV 07 10 03 39.9	50.23N	18.81E	0	2.7L			119664275	
(548) Poland									
ISC	IV 07 13 44 04.8-71	51.41N-04	16.16E-04	0				43	1-4
NEIC	IV 07 13 44 03.9-1.5	51.54N	16.26E	5	2.9L			118776326	
ISCJB	IV 07 13 44 04.2-70	51.35N-04	16.12E-04	0	2.9L				
IPEC	IV 07 13 44 04.4-47	51.46N	16.40E	0	2.3L				
WAR	IV 07 13 44 05.6	51.45N	16.17E	0	2.7L				
CSEM	IV 07 13 44 05.3-27	51.42N	16.17E	0-0	3.4L				
PRU	IV 07 13 44 06.1	51.38N	16.14E	0	3.4L				
VIE	IV 07 13 44 06.6-56	51.29N	16.18E	0-0	2.9L,2.3b				
(543) Germany									
BGR	IV 07 20 48 32.1-69	51.58N	7.30E	1	1.9L				
BNS	IV 07 20 48 28.6-48	51.71N	6.96E	1	1.8L			118228924	
CSEM	IV 07 20 48 29.5-12	51.66N	6.96E	1	2.5L				
BUG	IV 07 20 48 29.7	51.60N	6.98E	1	1.1L				
LDG	IV 07 20 48 29.0-20	51.70N	6.97E	1-0	2.5L				
BGR	Event type ki. Error ellipse: s-maj=8.9km s-min=5.6km az=105.0.								
BNS	Event type ki. Error ellipse: s-maj=3.7km s-min=1.6km az=92.0.								
CSEM	Event type ki. Error ellipse: s-maj=4.8km s-min=2.8km az=14.0.								
PRU	Event type sr. Error ellipse: s-maj=3.6km s-min=3.0km az=171.0. 61 km WNW of Breslau.								
VIE	Suspected Mining induced.								
(536) Sweden									
ISC	IV 07 23 20 04.6-47	67.84N-03	20.3E-10	0				21	0-5
ISCJB	IV 07 23 20 04.1-47	67.84N-03	20.3E-10	0				118965259	
HEL	IV 07 23 20 04.8-10	67.84N	20.18E	0	2.5,2.3L				
BER	IV 07 23 20 09.1-5.7	67.94N	20.61E	0-0	2.5,1.5L				
(543) Germany									
ISC	IV 08 03 32 08.4-23	49.36N-01	6.87E-02	0				161	0-5
ISCJB	IV 08 03 32 07.4-23	49.34N-01	6.85E-02	0				118228939	
BGR	IV 08 03 32 08.9-28	49.38N	6.87E	1	2.0L				
NEIC	IV 08 03 32 09.1	49.36N	6.91E	1	2.9L,2.5L				
BNS	IV 08 03 32 09.4-1.2	49.35N	6.99E	1	1.8L,2.5L				
LDG	IV 08 03 32 09.5-07	49.37N	6.94E	1-0	2.9L,2.8				
CSEM	IV 08 03 32 09.5-04	49.36N	6.96E	1	2.8L,2.8				
STR	IV 08 03 32 09.0-15	49.35N	6.91E	1-1	2.5L,2.8				
(543) Germany									
ISC	IV 08 06 42 04.3-35	51.51N-02	16.10E-02	0	3.5b			131	1-60
MOS	IV 08 06 42 03.1-1.5	51.69N	16.06E	10	4.0b			118449089	
IPEC	IV 08 06 42 03.5-37	51.57N	16.20E	0	2.9L				

ISCJB	IV 08 06 42 03.1-39	51.44N-02	16.10E-02	0	3.5b				
NEIC	IV 08 06 42 04.2-41	51.58N	16.19E	5	3.4L,2.8L				
WAR	IV 08 06 42 05.6	51.52N	16.12E	5	3.0L,2.8L				
BGR	IV 08 06 42 05.3-65	51.42N	16.18E	1	3.4L,2.8L				
CSEM	IV 08 06 42 05.7-13	51.49N	16.13E	1	3.8L,2.8L				
VIE	IV 08 06 42 07.7-1.7	51.25N	16.15E	0-0	3.2L,2.9b				
IDC	IV 08 06 42 07.6-1.5	51.48N	15.98E	19-13	3.5,3.5				
(460) Wyoming									
ISC	IV 08 18 06 05.9-47	43.79N-04	105.12W-06	0	4.2b			46	3-61
ISCJB	IV 08 18 06 03.4-45	43.74N-03	105.03W-05	0	4.2b			118854625	
NEIC	IV 08 18 06 05.8-39	43.76N	105.13W	0	3.3L				
IDC	IV 08 18 06 07.2-1.7	43.94N	105.66W	0	4.1b,3.8				
(724) Baltic States - Belarus - Northwestern Russia									
HEL	IV 09 03 00 54.6-30	67.67N	33.87E	0	2.9L,2.6L				
CSEM	IV 09 03 00 55.9-24	67.75N	33.49E	1	2.3L,2.6L			110697628	
NAO	IV 09 03 00 55.3-1.2	67.70N	33.66E	0	2.9L,2.6L				
IDC	IV 09 03 00 58.2-2.2	67.69N	33.27E	0	3.3,3.2				
HEL	Event type kh. Error ellipse: s-maj=1.5km s-min=2.3km az=-1.0. Explosion.								
CSEM	Event type km. Error ellipse: s-maj=6.7km s-min=2.4km az=96.0. Mining explosion.								
NAO	Error ellipse: s-maj=0.0km s-min=0.1km az=-1.0.								
IDC	Error ellipse: s-maj=22.1km s-min=8.8km az=78.0.								
(548) Poland									
ISC	IV 09 04 56 34.5-54	51.54N-03	16.02E-02	0				74	1-5
ISCJB	IV 09 04 56 33.5-52	51.46N-03	16.02E-02	0				118449109	
BGR	IV 09 04 56 34.7-64	51.51N	16.08E	1	3.0L				
IPEC	IV 09 04 56 35.6-39	51.52N	16.34E	0	2.2L				
WAR	IV 09 04 56 35.9	51.54N	16.02E	0	2.7L				
CSEM	IV 09 04 56 35.4-24	51.53N	16.03E	0-0	3.3L				
PRU	IV 09 04 56 36.4	51.47N	16.01E	0	3.3L				
VIE	IV 09 04 56 37.1-63	51.36N	16.03E	0-0	2.8L,2.4b				
(460) Wyoming									
ISC	IV 09 14 59 45.0-73	43.66N-03	105.47W-09	0				35	2-20
IDC	IV 09 14 59 40.2-2.9	43.26N	105.22W	0	3.2,3.1L			118854645	
ISCJB	IV 09 14 59 43.5-74	43.65N-03	105.43W-10	0	3.2,3.1L				
NEIC	IV 09 14 59 44.8-87	43.62N	105.43W	0	2.7L,3.1L				
(460) Wyoming									
ISC	IV 09 18 02 06.7-66	43.81N-04	105.53W-06	0				48	2-19
IDC	IV 09 18 02 04.7-1.6	43.77N	105.49W	0	3.6,3.4			118854646	
NEIC	IV 09 18 02 04.9-57	43.79N	105.21W	0	3.4L,3.4				
ISCJB	IV 09 18 02 05.6-70	43.81N-04	105.60W-07	0	3.4L,3.4				
(374) Jordan - Syria region									
ISC	IV 10 16 42 51.7-56	33.37N-03	35.55E-08	0				16	0-1
GIL	IV 10 16 42 49.8-00	33.34N	35.91E	0-0	2.2L			119786916	
GRAL	IV 10 16 42 49.8-1.6	33.29N	35.37E	25-17	3.3L				
ISCJB	IV 10 16 42 51.2-55	33.38N-03	35.58E-08	0	3.3				
CSEM	IV 10 16 42 51.1-13	33.38N	35.59E	2	3.3L				
(548) Poland									
ISC	IV 11 05 19 13.1-42	51.50N-03	16.11E-02	0	3.3b			95	1-60
ISCJB	IV 11 05 19 11.9-46	51.45N-03	16.09E-02	0	3.3b			118449129	
BGR	IV 11 05 19 13.7-62	51.50N	16.14E	1	3.1L				
NEIC	IV 11 05 19 13.8-66	51.54N	16.07E	5	3.1L				
WAR	IV 11 05 19 14.7	51.48N	16.10E	2	2.8L				
VIE	IV 11 05 19 14.8-54	51.35N	16.12E	0-0	3.1L,2.6b				
IDC	IV 11 05 19 14.6-70	51.48N	15.97E	0	3.5,3.4				
PRU	IV 11 05 19 15.8	51.39N	16.05E						

(460) Wyoming	ISC	IV	19 20 03 33.8-70	43.70N-05	105.15W-09	0	4.5b	30	2-61
ISCJB	IV	19 20 03 31.3-2.1	43.47N	105.31W	0	4.3b,3.9		18813749	
DC	IV	19 20 03 33.0-83	43.72N-05	105.22W-10	0	4.5b,3.9			
NEIC	IV	19 20 03 34.5-67	43.68N	105.25W	0	3.3L,3.9			
ISC	Event type fm.								
DC	Error ellipse: s-maj=51.8km s-min=8.6km az=154.0.								
ISCJB	Event type fm. Error ellipse: s-maj=10.5km s-min=6.4km az=24.6.								
NEIC	Event type fm. Error ellipse: s-maj=9.3km s-min=6.4km az=101.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.								
(548) Poland	ISC	IV	20 04 18 23.0-58	50.30N-05	18.87E-03	0		23	1-4
ISCJB	IV	20 04 18 22.2-55	50.26N-05	18.81E-03	0			18776562	
WAR	IV	20 04 18 23.3	50.24N	18.96E	0	2.5L			
PRU	IV	20 04 18 23.5	50.30N	18.82E	0	2.5L			
VIE	IV	20 04 18 25.4-1.2	50.06N	18.83E	0-0	2.3L,2.0b			
ISC	Event type kr.								
ISCJB	Event type kr. Error ellipse: s-maj=7.6km s-min=2.8km az=22.8.								
WAR	Event type kr. Mining Induced.								
PRU	Event type ki.								
VIE	Event type sr. Error ellipse: s-maj=7.7km s-min=6.5km az=164.0. 23 km SSW of Kattowitz. Suspected Mining induced.								
(646) Northern Norway	HEL	IV	20 15 07 54.8-10	67.10N	13.62E	19-2	2.2L,2.0L		
BER	IV	20 15 07 54.6-5.1	67.09N	13.62E	0-14	2.7,2.2L		10697887	
NAO	IV	20 15 07 55.8-1.8	67.00N	14.19E		2.2L,2.2L			
HEL	Error ellipse: s-maj=0.8km s-min=1.7km az=-1.0.								
BER	Error ellipse: s-maj=7.3km s-min=29.4km az=-1.0.								
NAO	Error ellipse: s-maj=0.0km s-min=0.2km az=-1.0.								
(543) Germany	ISC	IV	22 08 14 16.4-23	49.37N-01	6.87E-03	0		112	0-7
ISCJB	IV	22 08 14 15.5-23	49.36N-01	6.86E-03	0			18320990	
MOS	IV	22 08 14 16.1-1.3	49.40N	6.82E	10	4.0b			
NEIC	IV	22 08 14 17.0	49.36N	6.91E	1	3.0L,2.9L			
STR	IV	22 08 14 17.0-21	49.36N	6.91E	1-1	2.5L,2.9L			
BGR	IV	22 08 14 17.1-27	49.36N	6.89E	1	2.0L,2.9L			
BNS	IV	22 08 14 17.7-1.2	49.38N	7.00E	1	1.9L,2.9L			
CSEM	IV	22 08 14 17.6-05	49.37N	6.95E	1	2.8L,2.9L			
LDG	IV	22 08 14 17.6-11	49.37N	6.92E	1-0	3.0L,2.9			
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=2.4km s-min=1.8km az=1.6.								
MOS	Error ellipse: s-maj=9.5km s-min=5.9km az=87.3.								
NEIC	Event type se. After STR.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
BGR	Event type ki. Error ellipse: s-maj=3.3km s-min=3.3km az=68.0.								
BNS	Event type ki.								
CSEM	Event type ki. Error ellipse: s-maj=1.2km s-min=0.9km az=110.0.								
LDG	Event type sr. Error ellipse: s-maj=2.4km s-min=2.1km az=111.0. Suspected Mining induced.								
(460) Wyoming	ISC	IV	22 19 01 14.6-70	43.73N-07	105.19W-08	0		19	1-20
ISCJB	IV	22 19 01 12.1-84	43.72N-07	105.02W-10	0			18813786	
IDC	IV	22 19 01 13.2-2.0	43.48N	105.33W	0	3.5,3.3			
NEIC	IV	22 19 01 14.2-89	43.61N	105.14W	0	3.1L,3.3			
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=12.3km s-min=7.2km az=92.4.								
IDC	Error ellipse: s-maj=43.0km s-min=7.5km az=151.0.								
NEIC	Event type fm. Error ellipse: s-maj=16.4km s-min=7.5km az=144.0. 80 km [50 miles] WSW of Newcastle. Suspected Mining explosion.								
(536) Sweden	ISC	IV	22 23 03 06.4-56	67.80N-03	20.3E-10	0		23	0-4
CSEM	IV	22 23 03 04.6-34	67.81N	20.18E	1-5	2.5L		18965599	
ISCJB	IV	22 23 03 05.9-57	67.83N-03	20.2E-10	0	2.5L			
UPP	IV	22 23 03 05.9	67.83N	20.19E	0	2.5L			
HEL	IV	22 23 03 06.7-20	67.82N	20.18E	0	2.5L,2.0L			
ISC	Event type km.								
CSEM	Event type km. Error ellipse: s-maj=9.0km s-min=6.6km az=63.0. Mining explosion.								
ISCJB	Event type km. Error ellipse: s-maj=7.1km s-min=4.8km az=23.0.								
UPP	Event type km. Mining explosion.								
HEL	Event type kh. Error ellipse: s-maj=1.4km s-min=1.5km az=-1.0. Explosion.								
(548) Poland	WAR	IV	22 23 02 09.5	50.25N	18.88E	0	2.7L		
PRU	IV	22 23 02 10.7	50.26N	18.77E	0	2.7L		18776604	
VIE	IV	22 23 02 16.2-81	49.79N	18.56E	0-0	2.2L,1.3b			
WAR	Event type kr. Mining Induced.								
PRU	Event type ki.								
VIE	Event type sr. Error ellipse: s-maj=4.9km s-min=3.5km az=70.0. 23 km ESE of Ostrava. Suspected Mining induced.								
(548) Poland	ISC	IV	23 03 37 25.2-40	51.48N-02	16.20E-03	0		65	1-11
ISCJB	IV	23 03 37 23.3-42	51.48N-02	16.23E-03	0			18646460	
MOS	IV	23 03 37 24.5-62	51.58N	16.28E	10	3.7b			
NEIC	IV	23 03 37 25.7-38	51.53N	16.27E	5	3.2L,2.7L			
CSEM	IV	23 03 37 26.9-13	51.44N	16.17E	2	3.0L,2.8L			
PRU	IV	23 03 37 27.5	51.40N	16.17E	0	3.0L,2.7L			
IDC	IV	23 03 37 27.1-72	51.43N	16.08E	0	3.1,3.0			
WAR	IV	23 03 37 27.3	51.45N	16.19E	0	2.5L,3.0			
VIE	IV	23 03 37 29.1-44	51.20N	16.24E	0-0	2.7L,2.1b			
ISC	Event type kr.								
ISCJB	Event type kr. Error ellipse: s-maj=3.4km s-min=2.9km az=75.5.								
MOS	Error ellipse: s-maj=12.9km s-min=5.9km az=79.8.								
NEIC	Event type se. Error ellipse: s-maj=6.4km s-min=4.5km az=102.0.								
CSEM	Event type sr. Error ellipse: s-maj=2.3km s-min=1.5km az=12.0. Suspected Mining induced.								
PRU	Event type ki.								
IDC	Error ellipse: s-maj=12.7km s-min=6.7km az=107.0.								
WAR	Event type kr. Mining Induced.								
VIE	Event type sr. Error ellipse: s-maj=2.9km s-min=2.2km az=177.0. 55 km WNW of Breslau. Suspected Mining induced.								
(548) Poland	ISC	IV	23 11 01 54.5-41	51.51N-02	16.10E-03	0		73	1-19
ISCJB	IV	23 11 01 53.1-46	51.47N-02	16.10E-03	0			18646471	
MOS	IV	23 11 01 54.3-1.7	51.62N	16.03E	10	3.7b			
NEIC	IV	23 11 01 54.8-39	51.57N	16.17E	5	3.1L,2.8L			
CSEM	IV	23 11 01 55.4-10	51.50N	16.08E	2	3.2L,2.8L			
IDC	IV	23 11 01 56.4-77	51.47N	16.03E	0	3.4,3.3			
PRU	IV	23 11 01 56.5	51.44N	16.08E	0	3.4,3.3			
WAR	IV	23 11 01 56.4	51.49N	16.09E	0	2.6L,3.3			
VIE	IV	23 11 01 58.0-70	51.27N	16.11E	0-0	2.8L,2.2b			
ISC	Event type kr.								
ISCJB	Event type kr. Error ellipse: s-maj=3.5km s-min=2.5km az=53.2.								
MOS	Error ellipse: s-maj=14.7km s-min=6.2km az=82.4.								
NEIC	Event type se. Error ellipse: s-maj=6.5km s-min=4.8km az=83.0.								
CSEM	Event type sr. Error ellipse: s-maj=2.0km s-min=1.6km az=65.0. Suspected Mining induced.								
IDC	Error ellipse: s-maj=15.8km s-min=6.8km az=101.0.								
PRU	Event type ki.								
WAR	Event type kr. Mining Induced.								
VIE	Event type sr. Error ellipse: s-maj=4.7km s-min=3.8km az=157.0. 65 km WNW of Breslau. Suspected Mining induced.								
(547) Czech and Slovak Republics	ISC	IV	23 11 51 59.2-37	49.89N-03	18.39E-03	0		39	0-4
ISCJB	IV	23 11 51 57.8-38	49.93N-03	18.38E-03	0			18776623	
NEIC	IV	23 11 51 59.4-80	49.97N	18.44E	5	2.6			
PRU	IV	23 11 52 00.8	49.87N	18.35E	0	2.6			
VIE	IV	23 11 52 00.2-78	49.68N	18.39E	0-0	2.4L,1.7b			
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=4.8km s-min=2.4km az=31.8.								
MOS	Error ellipse: s-maj=13.7km s-min=7.7km az=195.0.								
NEIC	Event type se. Error ellipse: s-maj=5.1km s-min=2.8km az=93.0. 20 km SSE of Ostrava. Suspected Mining induced.								
(548) Poland	WAR	IV	23 13 01 19.7	51.50N	16.04E		2.5L		

NEIC	IV	23 13 01 18.0-3.6	51.53N	16.06E	5	3.2L		18776624	
PRU	IV	23 13 01 19.5	51.47N	16.06E	0	3.2L			
CSEM	IV	23 13 01 19.5-29	51.49N	16.03E	2	3.0L			
VIE	IV	23 13 01 21.2-90	51.29N	15.95E	0-0	2.6L,2.2b			
WAR	Event type kr. Mining Induced.								
NEIC	Event type se. Error ellipse: s-maj=44.7km s-min=14.0km az=32.0.								
PRU	Event type ki.								
CSEM	Event type sr. Error ellipse: s-maj=5.4km s-min=3.4km az=32.0. Suspected Mining induced.								
VIE	Event type sr. Error ellipse: s-maj=6.1km s-min=4.9km az=156.0. 77 km WNW of Breslau. Suspected Mining induced.								
(460) Wyoming	ISC	IV	23 20 00 42.0-45	43.81N-03	105.20W-06	0	4.1b	48	1-90
ISCJB	IV	23 20 00 40.8-48	43.75N-03	105.26W-06	0	4.1b		18813809	
IDC	IV	23 20 00 40.5-1.8	43.59N	105.29W	0	4.0b,4.0			
NEIC	IV	23 20 00 42.3-39	43.77N	105.24W	0	3.5L,4.0			
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=6.6km s-min=4.6km az=49.7.								
IDC	Error ellipse: s-maj=49.5km s-min=8.2km az=151.0.								
NEIC	Event type sr. Error ellipse: s-maj=5.1km s-min=4.3km az=110.0. 60 km [40 miles] SSE of Gillette. Suspected Mining explosion.								
(548) Poland	WAR	IV	24 06 21 29.7	50.24N	18.96E		2.6L		
IDC	IV	24 06 21 30.0-2.3	50.23N	18.88E	0	3.8,3.7		19597852	
PRU	IV	24 06 21 30.1	50.28N	18.85E	0	3.8,3.7			
WAR	Event type kr. Mining Induced.								
IDC	Error ellipse: s-maj=45.2km s-min=11.2km az=136.0.								
PRU	Event type ki.								
(548) Poland	ISC	IV	24 09 11 50.2-59	51.46N-03	16.06E-04	0		36	1-11
ISCJB	IV	24 09 11 48.3-59	51.47N-03	16.04E-04	0			18776643	
CSEM	IV	24 09 11 50.6-31	51.49N	16.11E	2	3.3L			
PRU	IV	24 09 11 50.5	51.48N	16.08E	0	3.3L			
WAR	IV	24 09 11 50.1	51.55N	16.10E	0	2.6L			
NEIC	IV	24 09 11 51.3-1.1	51.41N	15.97E	5	2.5L			
IDC	IV	24 09 11 53.5-1.0	51.31N	15.99E	0	3.1,3.0			
ISC	Event type kr.								
ISCJB	Event type kr. Error ellipse: s-maj=4.7km s-min=3.3km az=23.6.								
IDC	Error ellipse: s-maj=59.8km s-min=8.6km az=152.0.								
NEIC	Event type fm. Error ellipse: s-maj=5.5km s-min=4.6km az=140.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.								
(543) Germany	ISC	IV	25 21 10 12.5-49	43.74N-04	105.13W-06	0	4.2b	43	1-61
ISCJB	IV	25 21 10 10.0-56	43.74N-04	105.04W-07	0	4.2b		18813848	
IDC	IV	25 21 10 11.3-2.4	43.55N	105.38W	0	4.0b,3.9			
NEIC	IV	25 21 10 12.8-39	43.72N	105.17W	1	3.3L,3.9			
ISC	Event type fm.								
ISCJB	Event type fm. Error ellipse: s-maj=6.9km s-min=5.6km az=11.9.								
IDC	Error ellipse: s-maj=59.8km s-min=8.6km az=152.0.								
NEIC	Event type fm. Error ellipse: s-maj=5.5km s-min=4.6km az=140.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.								
(543) Germany	ISC	IV	25 22 50 34.5-58	51.65N-03	6.99E-04	0		62	0-6
ISCJB	IV	25 22 50 32.5-68	51.70N-04	6.99E-04	0			18321162	
BGR	IV	25 22 50 34.6-1.7	51.62N	6.90E	1	2.2L			
BNS	IV	25 22 50 35.6-69	51.63N	6.96E	1	1.3L			

VIE Event type sr. Error ellipse: s-maj=3.5km s-min=2.5km az=8.0. 70 km WNW of Breslau.
 Suspected Mining induced.
 WAR Event type kr. Mining Induced.
 PRU Event type ki.
(548) Poland
 ISC IV 27 12 31 52.6-43 50.06N-04 18.33E-03 0 29 0-3
 ISCJB IV 27 12 31 50.9-46 50.08N-04 18.34E-03 0 19664532
 PRU IV 27 12 31 53.8 50.07N 18.33E 0
 WAR IV 27 12 31 53.1 50.03N 18.44E 2.5L
 ISC Event type kr.
 ISCJB Event type kr. Error ellipse: s-maj=5.6km s-min=2.7km az=33.4.
 PRU Event type ki.
 WAR Event type kr. Mining Induced.
(548) Poland
 ISC IV 27 20 00 56.0-58 50.38N-04 18.76E-03 0 36 0-5
 ISCJB IV 27 20 00 55.2-59 50.36N-04 18.67E-03 0 18776708
 WAR IV 27 20 00 55.7 50.36N 18.82E 2.7L
 NEIC IV 27 20 00 56.0-1.0 50.39N 18.78E 5 2.7
 PRU IV 27 20 00 56.8 50.38N 18.70E 0 2.7
 VIE IV 27 20 00 59.7-89 50.14N 18.62E 0-0 2.3L,1.7b
 ISC Event type kr.
 ISCJB Event type kr. Error ellipse: s-maj=6.3km s-min=2.6km az=33.7.
 WAR Event type kr. Mining Induced.
 NEIC Event type se. Error ellipse: s-maj=15.1km s-min=7.4km az=186.0.
 PRU Event type ki.
 VIE Event type sr. Error ellipse: s-maj=7.2km s-min=4.9km az=145.0. 29 km WSW of Kattowitz.
 Suspected Mining induced.
(543) Germany
 ISC IV 28 05 00 52.4-27 49.37N-01 6.89E-03 0 87 0-5
 ISCJB IV 28 05 00 51.4-27 49.35N-01 6.88E-03 0 18321278
 BGR IV 28 05 00 52.9-42 49.39N 6.88E 1 2.0L
 LDG IV 28 05 00 53.0-08 49.38N 6.92E 1-0 2.9L,2.9
 CSEM IV 28 05 00 53.1-06 49.36N 6.93E 1 2.8L,2.9
 NEIC IV 28 05 00 53.2 49.35N 6.94E 1 2.9L,2.4L
 BNS IV 28 05 00 54.5-59 49.41N 6.92E 1 1.8L,2.4L
 ISC Event type sr.
 ISCJB Event type sr. Error ellipse: s-maj=2.5km s-min=1.9km az=166.9.
 BGR Event type ki. Error ellipse: s-maj=7.8km s-min=4.4km az=31.0.
 LDG Event type sr. Error ellipse: s-maj=1.6km s-min=1.4km az=65.0. Suspected Mining induced.
 CSEM Event type ki. Error ellipse: s-maj=1.1km s-min=1.0km az=88.0.
 NEIC Event type se. After STR.
 BNS Event type ki.
(724) Baltic States - Northwestern Russia
 ISC IV 28 07 48 59.3-17 67.70N-06 34.4E-30 0 14 2-12
 HEL IV 28 07 48 58.1-20 67.66N 34.84E 0 2.2L 18965710
 ISCJB IV 28 07 48 59.8-2.1 67.62N-08 33.9E-40 0 2.2L
 IDC IV 28 07 49 04.0-2.7 67.64N 33.41E 0 3.0,2.9
 ISC Event type kh.
 HEL Event type kh. Error ellipse: s-maj=0.9km s-min=1.9km az=-1.0. Explosion.
 ISCJB Event type kh. Error ellipse: s-maj=26.0km s-min=7.3km az=134.5.
 IDC Error ellipse: s-maj=29.0km s-min=9.8km az=76.0.
(723) Finland-Karelia border region
 ISC IV 28 09 59 53.0-1.6 64.89N-05 29.7E-30 0 15 3-9
 IDC IV 28 09 59 51.2-2.3 64.76N 30.98E 0 3.0,2.9 110698145
 ISCJB IV 28 09 59 52.2-1.5 64.91N-05 29.3E-30 0 3.0,2.9
 NAO IV 28 09 59 52.6-9.0 64.84N 29.80E 0 2.3L,2.9
 BER IV 28 09 59 54.7-3.7 64.89N 30.02E 0-0 2.3L,1.6L
 ISC Event type sh.
 IDC Error ellipse: s-maj=30.9km s-min=9.4km az=102.0.
 ISCJB Event type sh. Error ellipse: s-maj=20.1km s-min=5.5km az=22.3.
 NAO Error ellipse: s-maj=0.1km s-min=0.0km az=-1.0.
 BER Event type sh. Error ellipse: s-maj=9.5km s-min=40.3km az=-1.0. Suspected explosion.
(460) Wyoming
 ISC IV 29 20 05 15.5-33 43.82N-03 105.19W-04 0 4.0b 79 1-125
 ISCJB IV 29 20 05 13.9-37 43.81N-03 105.21W-05 0 4.0b 18813926
 IDC IV 29 20 05 14.5-98 43.59N 105.31W 0 4.0,3.9L
 NEIC IV 29 20 05 15.6-32 43.80N 105.19W 0 3.2,3.9L
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=5.0km s-min=4.1km az=52.5.
 IDC Error ellipse: s-maj=23.9km s-min=7.8km az=155.0.
 NEIC Event type fm. Error ellipse: s-maj=4.2km s-min=3.8km az=87.0. 60 km [40 miles] SSE of Gillette. Suspected Mining explosion.
(460) Wyoming
 ISC IV 30 18 01 07.7-48 43.82N-04 105.25W-05 0 4.2b 47 1-90
 ISCJB IV 30 18 01 06.2-49 43.82N-04 105.30W-05 0 4.2b 18813947
 IDC IV 30 18 01 07.3-2.0 43.86N 105.53W 0 4.1b,3.8
 NEIC IV 30 18 01 07.7-43 43.82N 105.22W 0 3.3L,3.8
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=5.6km s-min=5.1km az=8.3.
 IDC Error ellipse: s-maj=58.0km s-min=9.0km az=147.0.
 NEIC Event type fm. Error ellipse: s-maj=6.9km s-min=5.2km az=153.0. 60 km [35 miles] SSE of Gillette. Suspected Mining explosion.
(543) Germany
 ISC V 01 08 28 10.2-25 49.37N-01 6.85E-02 0 99 0-5
 ISCJB V 01 08 28 09.1-25 49.36N-01 6.84E-03 0 18321439
 LDG V 01 08 28 10.7-13 49.39N 6.91E 1-0 2.9L,2.8
 CSEM V 01 08 28 10.7-07 49.38N 6.92E 1 2.8L,2.8
 NEIC V 01 08 28 10.7 49.39N 6.91E 1 2.9L,2.8
 BGR V 01 08 28 10.1-45 49.36N 6.87E 1 2.0L,2.8
 BNS V 01 08 28 12.7-1.5 49.44N 6.97E 1 1.7L,2.8
 ISC Event type sr.
 ISCJB Event type sr. Error ellipse: s-maj=2.4km s-min=1.8km az=10.9.
 LDG Event type sr. Error ellipse: s-maj=2.4km s-min=2.1km az=123.0. Suspected Mining induced.
 CSEM Event type ki. Error ellipse: s-maj=1.6km s-min=1.2km az=121.0.
 NEIC Event type se. After LDG.
 BGR Event type ki. Error ellipse: s-maj=7.8km s-min=4.4km az=33.0.
 BNS Event type ki.
(460) Wyoming
 ISC V 01 18 03 39.7-53 43.81N-05 105.19W-07 0 4.0b 28 1-90
 ISCJB V 01 18 03 38.1-55 43.78N-05 105.22W-08 0 4.0b 19130673
 IDC V 01 18 03 40.0-2.0 43.94N 105.67W 0 3.9b,3.8
 NEIC V 01 18 03 40.1-50 43.77N 105.22W 0 3.4L,3.8
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=8.8km s-min=6.1km az=73.6.
 IDC Error ellipse: s-maj=69.6km s-min=9.7km az=144.0.
 NEIC Event type fm. Error ellipse: s-maj=7.3km s-min=5.7km az=129.0. 60 km [35 miles] SSE of Gillette. Suspected Mining explosion.
(543) Germany
 ISC V 02 03 04 50.3-25 49.37N-01 6.84E-03 0 103 0-5
 ISCJB V 02 03 04 49.2-25 49.35N-01 6.84E-03 0 18321472
 BGR V 02 03 04 51.0-43 49.35N 6.85E 1 2.0L
 LDG V 02 03 04 51.2-08 49.39N 6.89E 1-0 3.0,2.8L
 NEIC V 02 03 04 51.2 49.39N 6.89E 1 2.8L,2.4L
 CSEM V 02 03 04 51.0-06 49.38N 6.91E 1 2.7L,2.4L
 BNS V 02 03 04 52.4-1.2 49.43N 7.00E 1 1.6L,2.4L
 ISC Event type sr.
 ISCJB Event type sr. Error ellipse: s-maj=2.5km s-min=1.7km az=15.8.
 BGR Event type ki. Error ellipse: s-maj=7.8km s-min=4.4km az=34.0.
 LDG Event type sr. Error ellipse: s-maj=1.6km s-min=1.4km az=127.0. Suspected Mining induced.
 NEIC Event type se. After LDG.
 CSEM Event type ki. Error ellipse: s-maj=1.3km s-min=0.9km az=106.0.
 BNS Event type ki.
(377) Spain
 ISC V 02 13 47 10.4-27 40.68N-02 1.14W-03 0 105 1-5
 ISCJB V 02 13 47 09.2-28 40.69N-02 1.17W-03 0 18321481
 MDD V 02 13 47 12.2-31 40.68N 1.13W 0 2.1
 CSEM V 02 13 47 12.0-05 40.68N 1.15W 1 2.6L
 NEIC V 02 13 47 12.2 40.68N 1.13W 0 2.8L,2.1
 LDG V 02 13 47 13.6-34 40.73N 1.05W 2-0 2.8L,2.1
 ISC Event type sm.
 ISCJB Event type sm. Error ellipse: s-maj=3.1km s-min=2.6km az=32.1.

MDD Error ellipse: s-maj=3.1km s-min=2.5km az=53.0. POSSIBLE ARTIFICIAL.
 CSEM Event type sm. Error ellipse: s-maj=1.3km s-min=1.1km az=112.0. Suspected Mining explosion.
 NEIC Event type se. After MDD.
 LDG Event type ke. Error ellipse: s-maj=6.4km s-min=5.4km az=31.0.
(548) Poland
 ISC V 03 03 46 15.0-85 51.40N-04 16.15E-04 0 37 1-4
 ISCJB V 03 03 46 13.8-81 51.36N-04 16.13E-04 0 18776822
 NEIC V 03 03 46 15.3-1.3 51.39N 16.14E 5 2.5L
 CSEM V 03 03 46 15.8-16 51.40N 16.18E 0-0 3.1L
 WAR V 03 03 46 15.4 51.45N 16.17E 0 2.4L
 PRU V 03 03 46 16.4 51.35N 16.16E 0 2.4L
 VIE V 03 03 46 16.5-67 51.27N 16.20E 0-0 2.4L,1.8b
 ISC Event type kr.
 ISCJB Event type kr. Error ellipse: s-maj=6.2km s-min=3.1km az=27.7.
 NEIC Event type se. Error ellipse: s-maj=13.6km s-min=6.5km az=198.0.
 CSEM Event type sr. Error ellipse: s-maj=3.6km s-min=1.5km az=15.0. Suspected Mining induced.
 WAR Event type kr. Mining Induced.
 PRU Event type ki.
 VIE Event type sr. Error ellipse: s-maj=4.4km s-min=3.6km az=171.0. 59 km WNW of Breslau.
 Suspected Mining induced.
(548) Poland
 ISC V 04 18 38 49.2-40 49.99N-03 18.50E-03 0 51 0-4
 ISCJB V 04 18 38 47.8-42 50.04N-03 18.46E-03 0 18776849
 IPEC V 04 18 38 48.2-33 50.04N 18.59E 0 2.3L
 WAR V 04 18 38 49.5 49.98N 18.57E 0 2.6L
 NEIC V 04 18 38 49.0-77 49.96N 18.55E 5 2.6
 VIE V 04 18 38 50.9-61 49.73N 18.47E 0-0 2.6L,1.9b
 CSEM V 04 18 38 50.0-14 50.05N 18.48E 1 3.1L,1.9b
 PRU V 04 18 38 50.1 50.00N 18.49E 0 3.1L,1.9b
 ISC Event type kr.
 ISCJB Event type kr. Error ellipse: s-maj=4.3km s-min=2.4km az=25.1.
 IPEC Event type ki. Error ellipse: s-maj=2.3km s-min=1.8km az=124.0.
 WAR Event type kr. Mining Induced.
 NEIC Event type se. Error ellipse: s-maj=14.4km s-min=6.9km az=187.0.
 VIE Event type sr. Error ellipse: s-maj=3.8km s-min=2.7km az=83.0. 19 km SE of Ostrava.
 Suspected Mining induced.
 CSEM Event type ki. Error ellipse: s-maj=3.2km s-min=1.8km az=14.0.
 PRU Event type ki.
(548) Poland
 ISC V 04 19 30 58.4-82 51.42N-04 16.19E-04 0 33 1-4
 ISCJB V 04 19 30 57.3-80 51.39N-04 16.15E-04 0 18776850
 IPEC V 04 19 30 58.7-39 51.44N 16.45E 0
 PRU V 04 19 30 59.5 51.39N 16.20E 0
 VIE V 04 19 30 59.3-52 51.30N 16.15E 0-0 2.3L,1.6b
 CSEM V 04 19 31 00.2-37 51.38N 16.22E 1-0 3.0L,1.6b
 ISC Event type sr.
 ISCJB Event type sr. Error ellipse: s-maj=6.1km s-min=3.3km az=27.9.
 IPEC Event type ki. Error ellipse: s-maj=3.3km s-min=2.2km az=96.0.
 PRU Event type ki.
 VIE Event type sr. Error ellipse: s-maj=3.4km s-min=2.8km az=178.0. 64 km WNW of Breslau.
 Suspected Mining induced.
 CSEM Event type ki. Error ellipse: s-maj=5.2km s-min=3.1km az=20.0.
(460) Wyoming
 ISC V 04 20 05 06.3-59 43.76N-05 105.30W-07 0 4.3b 24 1-61
 IDC V 04 20 05 01.6-3.0 43.01N 105.10W 0 3.7,3.5 19130804
 ISCJB V 04 20 05 04.7-61 43.81N-05 105.27W-08 0 4.3b,3.5
 NEIC V 04 20 05 04.5-71 43.98N 105.29W 0 3.0L,3.5
 ISC Event type fm.
 IDC Error ellipse: s-maj=64.5km s-min=10.2km az=161.0.
 ISCJB Event type fm. Error ellipse: s-maj=8.6km s-min=6.9km az=89.8.
 NEIC Event type fm. Error ellipse: s-maj=9.6km s-min=8.3km az=107.0. 40 km [25 miles] SSE of Gillette. Suspected Mining explosion.
(543) Germany
 ISC V 05 01 26 24.1-42 51.61N-03 6.95E-04 0 61 0-6
 ISCJB V 05 01 26 23.1-43 51.60N-03 6.84E-05 0 18338447
 BNS V 05 01 26 24.4-57 51.64N 6.98E 1 1.7L
 BUG V 05 01 26 24.2 51.62N 7.01E 1 1.0L
 LDG V 05 01 26 24.8-28 51.64N 6.96E 1-0 2.7L
 NEIC V 05 01 26 24.8 51.64N 6.96E 1 2.7L
 CSEM V 05 01 26 24.6-12 51.64N 6.98E 1 2.0L
 BGR V 05 01 26 25.2-55 51.56N 7.02E 1 2.0L
 ISC Event type sr.
 ISCJB Event type sr. Error ellipse: s-maj=4.9km s-min=3.2km az=85.2.
 BNS Event type ki.
 BUG Event type ki.
 LDG Event type sr. Error ellipse: s-maj=5.6km s-min=3.3km az=13.0. Suspected Mining induced.
 NEIC Event type se. After LDG.
 CSEM Event type ki. Error ellipse: s-maj=2.9km s-min=1.9km az=92.0.
 BGR Event type ki. Error ellipse: s-maj=13.3km s-min=4.4km az=114.0.
(548) Poland
 ISC V 05 03 40 40.5-44 51.44N-02 16.16E-03 0 76 1-60
 NEIC V 05 03 40 39.1-41 51.60N 16.29E 5 3.0L,2.9L 18776862
 ISCJB V 05 03 40 39.2-47 51.40N-02 16.15E-03 0 3.1b,2.9L
 IPEC V 05 03 40 40.1-33 51.48N 16.27E 0 2.6L,2.9L
 IDC V 05 03 40 40.9-74 51.50N 16.08E 0 3.2,3.2
 WAR V 05 03 40 41.7 51.45N 16.17E 0 2.9L,3.2
 CSEM V 05 03 40 41.9-11 51.41N 16.19E 1 3.4L,3.2
 PRU V 05 03 40 43.1 51.36N 16.07E 0 4.4L,3.2
 VIE V 05 03 40 43.5-47 51.23N 16.24E 0-0 2.9L,2.3b
 ISC Event type kr.
 NEIC Event type se. Error ellipse: s-maj=5.3km s-min=5.2km az=164.0.
 ISCJB Event type kr. Error ellipse: s-maj=3.8km s-min=2.4km az=96.0.
 IPEC Event type ki. Error ellipse: s-maj=3.8km s-min=1.9km az=86.0.
 IDC Error ellipse: s-maj=13.4km s-min=7.2km az=112.0.
 WAR Event type kr. Mining Induced.
 CSEM Event type ki. Error ellipse: s-maj=1.8km s-min=1.3km az=9.0.
 PRU Event type ki.
 VIE Event type sr. Error ellipse: s-maj=3.0km s-min=2.9km az=122.0. 55 km WNW of Breslau.
 Suspected Mining induced.
(543) Germany
 ISC V 05 04 07 31.9-36 51.51N-02 6.95E-04 0 84 0-7
 ISCJB V 05 04 07 31.2-39 51.50N-02 6.84E-05 0 18338453
 BNS V 05 04 07 31.3-38 51.69N 7.02E 1 1.9L
 BUG V 05 04 07 32.6 51.60N 7.02E 1 1.3L
 BGR V 05 04 07 33.9-59 51.57N 7.07E 1 2.2L
 CSEM V 05 04 07 34.1-12 51.47N 6.96E 1 2.7L
 LDG V 05 04 07 34.2-09 51.46N 6.97E 1-0 2.7L
 NEIC V 05 04 07 36.1-4.1 51.28N 6.77E 10 2.7L
 ISC Event type sr.
 ISCJB Event type sr. Error ellipse: s-maj=4.5km s-min=3.1km az=51.4.
 BNS Event type ki.
 BUG Event type ki.
 BGR Event type ki. Error ellipse: s-maj=6.7km s-min=4.4km az=109.0.
 CSEM Event type ki. Error ellipse: s-maj=2.3km s-min=1.9km az=96.0.
 LDG Event type sr. Error ellipse: s-maj=1.7km s-min=1.5km az=83.0. Suspected Mining induced.
 NEIC Event type se. Error ellipse: s-maj=4.6km s-min=9.4km az=30.0.
(723) Finland-Karelia border region
 ISC V 05 08 59 52.0-1.1 64.72N-03 30.5E-20 0 18 1-10
 ISCJB V 05 08 59 50.8-1.2 64.69N-04 30.6E-20 0 19220509
 IDC V 05 08 59 51.1-3.0 64.64N 31.36E 0 3.0,2.9
 HEL V 05 08 59 52.7-30 64.70N 30.60E 0 1.8L,2.9
 ISC Event type kh.
 ISCJB Event type kh. Error ellipse: s-maj=12.5km s-min=4.8km az=27.0.
 IDC Error ellipse: s-maj=45.3km s-min=10.3km az=99.0.
 HEL Event type kh. Error ellipse: s-maj=1.0km s-min=2.1km az=-1.0. Explosion.
(548) Poland
 ISC V 06 15 03 04.9-45 50.38N-03 18.85E-03 0 63 1-19
 ISCJB V 06 15 03 03.6-48 50.43N-03 18.81E-03 0 18776884
 NEIC V 06 15 03 05.5-79 50.35N 18.90E 5 2.9
 IPEC V 06 15 03 05.3-19 50.37N 18.87E 0 2.3L

NEIC	V	09 22 24 11.8-4.5	51.55N	6.90E	5	2.6L			
BGR	V	09 22 24 12.2-78	51.59N	6.91E	1	1.9L			
CSEM	V	09 22 24 12.4-18	51.62N	6.96E	1	2.7L			
LDG	V	09 22 24 12.8-25	51.59N	6.97E	1-0	2.6L			
ISC Event type sr. Error ellipse: s-maj=5.2km s-min=4.6km az=97.6.									
BNS Event type ki.									
NEIC Event type se. Error ellipse: s-maj=51.5km s-min=9.5km az=213.0.									
BGR Event type ki. Error ellipse: s-maj=12.2km s-min=6.7km az=105.0.									
CSEM Event type ki. Error ellipse: s-maj=3.6km s-min=2.2km az=15.0.									
LDG Event type sr. Error ellipse: s-maj=5.6km s-min=3.1km az=111.0. Suspected Mining induced.									
(724) Baltic States - Belarus - Northwestern Russia									
ISC	V	10 07 58 36.3-65	57.80N	21.94E	0		72	2-12	
ISC	V	10 07 58 35.2-65	57.81N	21.92E	0		¶10698354		
HEL	V	10 07 58 35.7-20	57.70N	21.96E	0	2.5L,2.2L			
CSEM	V	10 07 58 35.1-20	57.76N	21.95E	1	2.5L,2.2L			
NAO	V	10 07 58 36.2-2.1	57.76N	21.94E	0	2.2L,2.2L			
IDC	V	10 07 58 37.5-2.3	57.80N	21.94E	0	3.0,3.0			
BER	V	10 07 58 38.5-5.7	57.69N	21.97E	0-24	2.2L,3.0			
UPP	V	10 07 58 38.0	57.78N	21.66E	0	2.5L,3.0			
ISC Event type km.									
ISCJB Event type km. Error ellipse: s-maj=8.3km s-min=4.4km az=140.8.									
HEL Event type kh. Error ellipse: s-maj=1.5km s-min=1.0km az=1.0. Explosion.									
CSEM Event type km. Error ellipse: s-maj=5.6km s-min=2.2km az=156.0. Mining explosion.									
NAO Error ellipse: s-maj=0.2km s-min=0.1km az=1.0.									
IDC Error ellipse: s-maj=24.0km s-min=9.0km az=165.0.									
BER Error ellipse: s-maj=31.2km s-min=20.7km az=1.0.									
UPP Event type sm. Suspected Mining explosion.									
(721) Finland									
ISC	V	10 11 57 02.4-32	60.86N	20.68E	0		68	1-9	
NAO	V	10 11 57 01.8-90	60.89N	20.72E	0	2.2L	¶10698356		
IDC	V	10 11 57 01.7-90	60.77N	20.77E	0	3.1,3.1			
ISCJB	V	10 11 57 01.9-32	60.85N	20.68E	0	3.1,3.1			
CSEM	V	10 11 57 02.1-07	60.81N	20.63E	1	2.3L,3.1			
HEL	V	10 11 57 03.0-10	60.87N	20.69E	0	2.6L,2.3L			
UPP	V	10 11 57 03.7	60.85N	20.45E	0	2.6L,2.3L			
BER	V	10 11 57 04.1-5.0	60.95N	20.61E	0-0	2.2L,2.3L			
ISC Event type km.									
NAO Error ellipse: s-maj=0.2km s-min=0.0km az=1.0.									
IDC Error ellipse: s-maj=20.9km s-min=5.6km az=166.0.									
ISCJB Event type km. Error ellipse: s-maj=5.3km s-min=2.8km az=147.6.									
CSEM Event type km. Error ellipse: s-maj=2.1km s-min=1.6km az=169.0. Mining explosion.									
HEL Event type kh. Error ellipse: s-maj=1.1km s-min=0.6km az=1.0. Explosion.									
UPP Event type sm. Suspected Mining explosion.									
BER Event type sh. Error ellipse: s-maj=29.9km s-min=20.5km az=1.0. Suspected explosion.									
(721) Finland									
ISC	V	10 12 04 36.8-31	60.87N	20.70E	0		67	1-9	
NAO	V	10 12 04 35.7-1.0	60.89N	20.68E	0	2.2L	¶10698357		
ISCJB	V	10 12 04 36.3-31	60.86N	20.68E	0	2.2L			
IDC	V	10 12 04 36.1-90	60.85N	20.74E	0	3.0L,3.0			
CSEM	V	10 12 04 36.7-09	60.83N	20.64E	1	2.3L,3.0			
HEL	V	10 12 04 37.3-10	60.88N	20.69E	0	2.6L,2.4L			
BER	V	10 12 04 38.9-3.9	61.19N	20.48E	0-0	2.2L,2.4L			
UPP	V	10 12 04 38.1	60.85N	20.45E	0	2.6L,2.4L			
ISC Event type km.									
NAO Error ellipse: s-maj=0.2km s-min=0.0km az=1.0.									
ISCJB Event type km. Error ellipse: s-maj=4.8km s-min=2.7km az=154.8.									
IDC Error ellipse: s-maj=19.8km s-min=5.5km az=168.0.									
CSEM Event type km. Error ellipse: s-maj=2.6km s-min=2.1km az=179.0. Mining explosion.									
HEL Event type kh. Error ellipse: s-maj=0.9km s-min=0.5km az=1.0. Explosion.									
BER Event type sh. Error ellipse: s-maj=22.1km s-min=15.6km az=1.0. Suspected explosion.									
UPP Event type sm. Suspected Mining explosion.									
(721) Finland									
ISC	V	10 12 15 05.8-30	60.92N	20.69E	0		64	1-17	
NAO	V	10 12 15 04.8-1.0	60.86N	20.68E	0	2.0L	¶10698358		
IDC	V	10 12 15 05.5-85	60.86N	20.81E	0	2.9,2.8L			
ISCJB	V	10 12 15 05.3-32	60.89N	20.69E	0	2.9,2.8L			
CSEM	V	10 12 15 06.0-07	60.86N	20.66E	1	2.3L,2.8L			
HEL	V	10 12 15 06.4-10	60.88N	20.69E	0	2.5L,2.4L			
UPP	V	10 12 15 07.1	60.85N	20.47E	0	2.5L,2.4L			
BER	V	10 12 15 07.7-4.1	61.07N	20.51E	0-0	2.0L,2.4L			
ISC Event type km.									
NAO Error ellipse: s-maj=0.2km s-min=0.0km az=1.0.									
IDC Error ellipse: s-maj=17.8km s-min=5.9km az=166.0.									
ISCJB Event type km. Error ellipse: s-maj=6.2km s-min=2.6km az=151.2.									
CSEM Event type km. Error ellipse: s-maj=3.0km s-min=1.5km az=169.0. Mining explosion.									
HEL Event type kh. Error ellipse: s-maj=1.0km s-min=0.6km az=1.0. Explosion.									
BER Event type sh. Error ellipse: s-maj=25.0km s-min=18.4km az=1.0. Suspected explosion.									
UPP Event type sm. Suspected Mining explosion.									
(724) Baltic States - Belarus - Northwestern Russia									
ISC	V	10 12 16 55.7-71	57.70N	21.95E	0		54	2-12	
UPP	V	10 12 16 52.1	57.57N	22.45E	0	2.7L	¶10698359		
CSEM	V	10 12 16 54.7-13	57.70N	22.03E	2	2.7L			
ISCJB	V	10 12 16 54.3-74	57.68N	22.03E	0	2.7L			
HEL	V	10 12 16 55.3-20	57.67N	22.00E	0	2.7L,2.3L			
BER	V	10 12 16 55.1-3.9	57.58N	22.04E	0-0	2.1L,2.3L			
NAO	V	10 12 16 57.4-2.6	57.83N	21.87E	0	2.1L,2.3L			
ISC Event type km.									
UPP Event type km. Mining explosion.									
CSEM Event type km. Error ellipse: s-maj=3.7km s-min=1.7km az=163.0. Mining explosion.									
ISCJB Event type km. Error ellipse: s-maj=8.5km s-min=4.5km az=126.6.									
HEL Event type kh. Error ellipse: s-maj=1.9km s-min=1.2km az=1.0. Explosion.									
BER Event type sh. Error ellipse: s-maj=25.0km s-min=18.4km az=1.0. Suspected explosion.									
NAO Error ellipse: s-maj=0.2km s-min=0.1km az=1.0.									
(721) Finland									
ISC	V	10 12 24 56.8-31	60.90N	20.73E	0		63	1-17	
ISCJB	V	10 12 24 56.5-33	60.89N	20.68E	0		¶10698360		
IDC	V	10 12 24 56.4-90	60.78N	20.79E	0	2.9L,2.9			
NAO	V	10 12 24 56.3-90	60.95N	20.65E	0	2.1L,2.9			
CSEM	V	10 12 24 57.6-10	60.88N	20.69E	0	2.5L,2.3L			
HEL	V	10 12 24 57.2-07	60.88N	20.66E	1	2.3L,2.3L			
UPP	V	10 12 24 58.3	60.85N	20.46E	0	2.5L,2.3L			
BER	V	10 12 24 59.2-4.2	61.10N	20.51E	0-0	2.1L,2.3L			
ISC Event type km.									
ISCJB Event type km. Error ellipse: s-maj=6.2km s-min=2.8km az=148.7.									
IDC Error ellipse: s-maj=20.9km s-min=5.5km az=166.0.									
NAO Error ellipse: s-maj=0.2km s-min=0.0km az=1.0.									
HEL Event type kh. Error ellipse: s-maj=1.0km s-min=0.6km az=1.0. Explosion.									
CSEM Event type km. Error ellipse: s-maj=2.4km s-min=1.7km az=175.0. Mining explosion.									
UPP Event type sm. Suspected Mining explosion.									
BER Event type sh. Error ellipse: s-maj=24.5km s-min=17.1km az=1.0. Suspected explosion.									
(721) Finland									
ISC	V	10 12 33 09.9-32	60.90N	20.72E	0		58	1-9	
IDC	V	10 12 33 09.4-1.0	60.83N	20.74E	0	3.0L,3.0	¶10698361		
ISCJB	V	10 12 33 09.6-33	60.89N	20.67E	0	3.0L,3.0			
NAO	V	10 12 33 09.2-1.0	60.86N	20.68E	0	2.2L,3.0			
CSEM	V	10 12 33 10.5-05	60.92N	20.77E	1	2.4L,3.0			
HEL	V	10 12 33 10.6-10	60.88N	20.70E	0	2.7L,2.4L			
UPP	V	10 12 33 11.6	60.85N	20.46E	0	2.7L,2.4L			
BER	V	10 12 33 12.4-4.8	61.13N	20.46E	0-0	2.2L,2.4L			
ISC Event type km.									
IDC Error ellipse: s-maj=22.5km s-min=6.1km az=169.0.									
ISCJB Event type km. Error ellipse: s-maj=6.6km s-min=2.8km az=150.6.									
NAO Error ellipse: s-maj=0.2km s-min=0.0km az=1.0.									
CSEM Event type km. Error ellipse: s-maj=1.8km s-min=1.1km az=14.0. Mining explosion.									
HEL Event type kh. Error ellipse: s-maj=1.1km s-min=0.5km az=1.0. Explosion.									
UPP Event type sm. Suspected Mining explosion.									
BER Event type sh. Error ellipse: s-maj=28.0km s-min=19.4km az=1.0. Suspected explosion.									
(721) Finland									
ISC	V	10 12 42 58.4-32	60.88N	20.72E	0		60	1-9	
NAO	V	10 12 42 57.3-1.0	60.88N	20.66E	0	2.2L	¶10698362		

IDC	V	10 12 42 57.5-87	60.81N	20.74E	0	3.1,3.0			
ISCJB	V	10 12 42 58.0-33	60.87N	20.69E	-04	0	3.1,3.0		
CSEM	V	10 12 42 58.2-07	60.82N	20.61E	1	2.4L,3.0			
BER	V	10 12 42 59.7-4.3	61.02N	20.50E	0-0	2.6L,3.0			
UPP	V	10 12 42 59.7	60.85N	20.47E	0	2.6L,3.0			
HEL	V	10 12 42 59.0-10	60.86N	20.70E	0	2.6L,2.4L			
ISC Event type km.									
NAO Error ellipse: s-maj=0.2km s-min=0.0km az=1.0.									
IDC Error ellipse: s-maj=20.0km s-min=5.3km az=167.0.									
ISCJB Event type km. Error ellipse: s-maj=5.2km s-min=2.7km az=145.1.									
CSEM Event type km. Error ellipse: s-maj=2.0km s-min=1.5km az=177.0. Mining explosion.									
BER Event type sh. Error ellipse: s-maj=27.7km s-min=18.2km az=1.0. Suspected explosion.									
UPP Event type sm. Suspected Mining explosion.									
HEL Event type kh. Error ellipse: s-maj=0.9km s-min=0.6km az=1.0. Explosion.									
(721) Finland									
ISC	V	10 12 52 36.5-31	60.85N	20.74E	0		66	1-17	
NAO	V	10 12 52 34.9-1.1	60.81N	20.65E	0	2.1L	¶10698363		
IDC	V	10 12 52 35.8-71	60.77N	20.76E	0	3.0,2.9L			
ISCJB	V	10 12 52 36.1-32	60.86N	20.72E	-04	0	3.0,2.9L		
CSEM	V	10 12 52 36.4-10	60.83N	20.69E	1	2.4L,2.9L			
HEL	V	10 12 52 37.2-10	60.86N	20.73E	0	2.6L,2.4L			
BER	V	10 12 52 37.6-4.0	60.95N	20.50E	0-0	2.1L,2.4L			
UPP	V	10 12 52 38.0	60.85N	20.47E	0	2.6L,2.4L			
ISC Event type km.									
NAO Error ellipse: s-maj=0.2km s-min=0.0km az=1.0.									
IDC Error ellipse: s-maj=14.3km s-min=5.3km az=166.0.									
ISCJB Event type km. Error ellipse: s-maj=4.7km s-min=2.6km az=141.7.									
CSEM Event type km. Error ellipse: s-maj=2.8km s-min=2.4km az=160.0. Mining explosion.									
HEL Event type kh. Error ellipse: s-maj=1.0km s-min=0.6km az=1.0. Explosion.									
BER Event type sh. Error ellipse: s-maj=25.8km s-min=16.7km az=1.0. Suspected explosion.									
UPP Event type sm. Suspected Mining explosion.									
(721) Finland									
ISC	V	10 12 59 37.2-28	60.89N	20.71E	0		77	1-17	
ISCJB	V	10 12 59 36.6-29	60.88N	20.68E	-04	0	¶10698364		
NAO	V	10 12 59 36.1-1.0	60.89N	20.67E	0	2.2L			
CSEM	V	10 12 59 37.3-07	60.87N	20.68E	1	2.4L			
IDC	V	10 12 59 37.4-69	60.97N	20.74E	0	3.1,3.1			
HEL	V	10 12 59 37.7-10	60.88N	20.69E	0	2.7L,2.4L			
UPP	V	10 12 59 38.5	60.85N	20.44E	0	2.7L,2.4L			
BER	V	10 12 59 39.2-4.7	61.11N	20.50E	0-0	2.2L,2.4L			
ISC Event type km.									
ISCJB Event type km. Error ellipse: s-maj=4.7km s-min=2.6km az=142.4.									
NAO Error ellipse: s-maj=0.2km s-min=0.0km az=1.0.									
CSEM Event type km. Error ellipse: s-maj=2.4km s-min=1.7km az=167.0. Mining explosion.									
IDC Error ellipse: s									

VIE Event type sr. Error ellipse: s-maj=6.4km s-min=4.4km az=6.0. 69 km WNW of Breslau.

Suspected Mining induced.

STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.

UPP Event type sm. Suspected Mining explosion.

(722) Norway-Murmansk border region

HEL V 17 11 44 38.7-40 69.42N 30.84E 0 2.6,1.8L

BER V 17 11 44 36.0-3.0 69.36N 31.89E 0-0 2.6,1.7L

HEL Event type kh. Error ellipse: s-maj=1.8km s-min=2.4km az=-1.0. Explosion.

BER Event type sh. Error ellipse: s-maj=50.2km s-min=92.2km az=-1.0. Suspected explosion.

(543) Germany

ISC V 18 12 30 58.8-39 49.38N-02 6.82E-03 0 61 0-5

ISCJB V 18 12 30 57.7-39 49.37N-02 6.80E-03 0

LDG V 18 12 30 59.5-08 49.39N 6.85E 1-0 2.8L,2.7

NEIC V 18 12 30 59.5 49.39N 6.85E 1 2.8L,2.7

CSEM V 18 12 30 59.4-08 49.39N 6.86E 2 2.7L,2.7

BGR V 18 12 31 02.1-1.8 49.38N 7.09E 1 1.9L,2.7

ISC Event type sr.

ISCJB Event type sr. Error ellipse: s-maj=3.1km s-min=2.9km az=66.7.

LDG Event type sr. Error ellipse: s-maj=1.5km s-min=1.2km az=65.0. Suspected Mining induced.

NEIC Event type se. After LDG.

CSEM Event type ki. Error ellipse: s-maj=1.4km s-min=1.4km az=48.0.

BGR Event type ki. Error ellipse: s-maj=27.8km s-min=6.7km az=93.0.

(547) Czech and Slovak Republics

ISC V 18 13 58 56.7-30 49.80N-03 18.45E-02 0 64 0-5

ISCJB V 18 13 58 55.4-32 49.83N-03 18.44E-02 0

IPEC V 18 13 58 56.2-13 49.76N 18.55E 0 2.6L

PRU V 18 13 58 57.9 49.82N 18.43E 0 2.6L

VIE V 18 13 58 57.3-51 49.69N 18.44E 0-0 2.8L,2.5b

CSEM V 18 13 58 57.5-16 49.86N 18.46E 2 3.4L,2.5b

ISC Event type sr.

ISCJB Event type sr. Error ellipse: s-maj=3.9km s-min=2.0km az=26.3.

IPEC Event type ki. Error ellipse: s-maj=1.8km s-min=0.8km az=162.0.

PRU Event type ki.

VIE Event type sr. Error ellipse: s-maj=3.3km s-min=1.8km az=79.0. 21 km SE of Ostrava.

Suspected Mining induced.

CSEM Event type ki. Error ellipse: s-maj=3.6km s-min=2.4km az=23.0.

(460) Wyoming

ISC V 18 18 02 45.6-49 43.77N-04 105.17W-06 0 4.3b 35 1-61

IDC V 18 18 02 43.6-1.4 43.46N 105.39W 0 4.1b,3.9

ISCJB V 18 18 02 44.1-50 43.76N-04 105.19W-06 0 4.3b,3.9

NEIC V 18 18 02 45.7-36 43.74N 105.19W 0 3.2L,3.9

ISC Event type fm.

IDC Error ellipse: s-maj=34.8km s-min=7.5km az=153.0.

ISCJB Event type fm. Error ellipse: s-maj=6.9km s-min=5.7km az=64.6.

NEIC Event type fm. Error ellipse: s-maj=5.3km s-min=4.3km az=123.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.

(460) Wyoming

ISC V 18 20 00 50.2-59 43.76N-04 105.14W-07 0 4.0b 27 1-61

IDC V 18 20 00 47.5-2.5 43.34N 105.20W 0 3.8b,3.7

ISCJB V 18 20 00 49.6-66 43.77N-04 105.24W-08 0 4.0b,3.7

NEIC V 18 20 00 50.4-86 43.71N 105.22W 0 3.2L,3.7

ISC Event type fm.

IDC Error ellipse: s-maj=56.5km s-min=8.4km az=154.0.

ISCJB Event type fm. Error ellipse: s-maj=8.1km s-min=6.1km az=178.5.

NEIC Event type fm. Error ellipse: s-maj=11.0km s-min=10.5km az=190.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.

(543) Germany

ISC V 18 22 34 29.1-40 51.64N-02 7.07E-03 0 46 0-6

LDG V 18 22 34 26.0-58 51.83N 7.44E 1-0 3.0L

ISCJB V 18 22 34 27.8-47 51.64N-03 7.15E-04 0 3.0L

CSEM V 18 22 34 29.1-10 51.68N 7.08E 1 3.0L

BUG V 18 22 34 29.5 51.61N 6.98E 1 1.6L

BNS V 18 22 34 29.6-71 51.66N 7.08E 1 2.1L

BGR V 18 22 34 32.7-54 51.60N 7.26E 1 2.3L

NEIC V 18 22 34 32.1-8.0 51.32N 6.99E 5 3.0L

ISC Event type sr.

LDG Event type sr. Error ellipse: s-maj=12.2km s-min=7.6km az=34.0. Suspected Mining induced.

ISCJB Event type sr. Error ellipse: s-maj=3.9km s-min=3.2km az=176.6.

CSEM Event type ki. Error ellipse: s-maj=2.6km s-min=1.1km az=74.0.

BUG Event type ki.

BNS Event type ki.

BGR Event type se. Error ellipse: s-maj=6.7km s-min=4.4km az=103.0.

NEIC Event type se. Error ellipse: s-maj=88.4km s-min=16.8km az=206.0.

(547) Czech and Slovak Republics

ISC V 19 04 48 54.2-37 49.94N-03 18.51E-02 0 56 0-4

NEIC V 19 04 48 49.8-3.2 50.58N 18.22E 5 2.6

ISCJB V 19 04 48 53.4-39 49.95N-03 18.52E-03 0 2.6

IPEC V 19 04 48 53.6-12 49.96N 18.58E 2-1 2.3L

WAR V 19 04 48 53.9 49.98N 18.57E 2 2.5L

VIE V 19 04 48 56.0-63 49.74N 18.42E 0-0 2.6L,1.6b

PRU V 19 04 48 55.1 49.98N 18.46E 0 2.6L,1.6b

CSEM V 19 04 48 56.2-15 49.95N 18.39E 2 3.2L,1.6b

ISC Event type kr.

NEIC Event type se. Error ellipse: s-maj=41.5km s-min=9.3km az=165.0.

ISCJB Event type kr. Error ellipse: s-maj=4.2km s-min=2.3km az=24.9.

IPEC Event type ki. Error ellipse: s-maj=2.2km s-min=0.7km az=161.0.

WAR Event type kr. Mining Induced.

VIE Event type sr. Error ellipse: s-maj=4.1km s-min=2.6km az=74.0. 16 km SE of Ostrava.

Suspected Mining induced.

PRU Event type ki.

CSEM Event type ki. Error ellipse: s-maj=3.2km s-min=2.1km az=10.0.

(723) Finland-Karelia border region

ISC V 19 09 00 18.2-60 64.67N-03 30.5E-10 0 3.5b 35 2-55

ISCJB V 19 09 00 16.9-63 64.75N-03 30.2E-10 0 3.5b

IDC V 19 09 00 18.0-1.7 64.65N 31.38E 0 3.4b,3.3

NAO V 19 09 00 18.7-1.3 64.65N 30.79E 0 2.4L,3.3

HEL V 19 09 00 20.2-20 64.55N 30.76E 0 2.4L,1.9L

BER V 19 09 00 20.6-3.1 64.69N 30.47E 0-0 2.4L,1.9L

ISC Event type kh.

ISCJB Event type kh. Error ellipse: s-maj=8.7km s-min=3.6km az=45.1.

IDC Error ellipse: s-maj=26.5km s-min=10.1km az=95.0.

NAO Error ellipse: s-maj=0.0km s-min=0.1km az=-1.0.

HEL Event type kh. Error ellipse: s-maj=1.4km s-min=1.8km az=-1.0. Explosion.

BER Event type sh. Error ellipse: s-maj=7.2km s-min=29.3km az=-1.0. Suspected explosion.

(724) Baltic States - Belarus - Northwestern Russia

ISC V 19 11 29 17.1-1.0 67.63N-03 33.5E-20 0 68 0-12

ISCJB V 19 11 29 14.8-1.2 67.62N-03 33.5E-20 0

CSEM V 19 11 29 14.1-72 67.41N 33.49E 1 2.4L

NAO V 19 11 29 16.4-1.2 67.58N 33.81E 1 2.5L

HEL V 19 11 29 16.4-30 67.68N 33.85E 0 2.7L,2.5L

IDC V 19 11 29 18.7-2.4 67.69N 33.50E 0 3.4L,3.4

ISC Event type km.

ISCJB Event type km. Error ellipse: s-maj=10.4km s-min=4.6km az=180.0.

CSEM Event type km. Error ellipse: s-maj=16.9km s-min=10.6km az=83.0. Mining explosion.

NAO Error ellipse: s-maj=0.0km s-min=0.1km az=-1.0.

HEL Event type kh. Error ellipse: s-maj=1.4km s-min=2.2km az=-1.0. Explosion.

IDC Error ellipse: s-maj=26.1km s-min=9.1km az=75.0.

(543) Germany

ISC V 19 13 48 05.7-41 49.37N-02 6.88E-04 0 62 1-5

ISCJB V 19 13 48 04.8-40 49.36N-02 6.87E-03 0

NEIC V 19 13 48 06.7 49.38N 6.92E 1 2.9L

BGR V 19 13 48 06.2-43 49.36N 6.87E 1 2.0L

CSEM V 19 13 48 06.9-11 49.37N 6.90E 2 2.8L

LDG V 19 13 48 06.7-07 49.38N 6.92E 1-0 2.9L

ISC Event type sr.

ISCJB Event type sr. Error ellipse: s-maj=3.4km s-min=2.5km az=108.2.

NEIC Event type se. After LDG.

BGR Event type ki. Error ellipse: s-maj=8.9km s-min=5.6km az=33.0.

CSEM Event type ki. Error ellipse: s-maj=1.8km s-min=1.4km az=52.0.

LDG Event type sr. Error ellipse: s-maj=1.3km s-min=1.1km az=71.0. Suspected Mining induced.

(548) Poland

WAR V 19 19 49 09.3 50.08N 18.44E 0 2.5L

PRU V 19 19 49 08.9 50.15N 18.37E 0 2.5L

CSEM V 19 19 49 08.6-20 50.13N 18.40E 1 3.0L

IPEC V 19 19 49 08.6-13 50.09N 18.45E 1-2 2.1L

VIE V 19 19 49 11.3-97 49.98N 18.20E 0-0 2.5L,1.5b

WAR Event type kr. Mining Induced.

PRU Event type ki.

CSEM Event type ki. Error ellipse: s-maj=4.6km s-min=2.3km az=172.0.

IPEC Event type sr. Error ellipse: s-maj=2.0km s-min=0.7km az=162.0.

VIE Event type sr. Error ellipse: s-maj=6.0km s-min=5.8km az=164.0. 17 km NNW of Ostrava.

Suspected Mining induced.

(548) Poland

ISC V 21 10 58 01.6-12 51.519N-01 16.07E-01 0 4.7b,4.3s 591 1-125

NAO V 21 10 57 58.6 51.12N 15.22E 33 4.1b,4.3s

ISCJB V 21 10 58 00.1-12 51.47N-01 16.04E-01 0 4.7b,4.3s

MOS V 21 10 58 00.9-1.3 51.52N 15.95E 10 4.8b,4.3s

LDG V 21 10 58 00.7-11 51.50N 16.31E 1-0 5.1L,4.3s

CSEM V 21 10 58 00.6 51.52N 16.10E 4 4.6b,4.3s

BJI V 21 10 58 00.8 51.89N 15.74E 8 4.9b,4.8b

IPEC V 21 10 58 01.7-32 51.54N 16.44E 0 4.2L,4.8b

BGR V 21 10 58 01.1-45 51.52N 16.20E 1 4.8,4.8b

IDC V 21 10 58 02.9-1.5 51.50N 15.99E 6-10 4.2,4.2

NEIC V 21 10 58 02.4-17 51.51N 16.03E 5 5.2L,4.8L

WAR V 21 10 58 03.1 51.50N 16.09E 0 4.1L,4.8L

PRU V 21 10 58 03.1 51.45N 16.05E 0 4.8,4.8L

VIE V 21 10 58 03.8-50 51.35N 15.99E 0-0 4.6s,4.0L

STR V 21 10 58 05.4-43 50.85N 16.18E 5-1 4.9L,4.0L

UPP V 21 10 58 30.1 53.66N 15.79E 0 3.5L,4.0L

ISC Event type kr.

ISCJB Event type kr. Error ellipse: s-maj=1.5km s-min=1.3km az=169.8.

LDG Error ellipse: s-maj=4.3km s-min=2.8km az=73.5.

LDG Event type sr. Error ellipse: s-maj=3.4km s-min=2.4km az=158.0. Suspected Mining induced.

IPEC Event type ki. Error ellipse: s-maj=3.5km s-min=1.9km az=92.0.

BGR Event type ki. Error ellipse: s-maj=5.6km s-min=4.4km az=123.0.

IDC Error ellipse: s-maj=8.2km s-min=6.2km az=83.0.

NEIC Event type se. Error ellipse: s-maj=2.8km s-min=2.6km az=126.0.

WAR Event type kr. Mining Induced.

PRU Event type ki. Felt In Dvur Kralove.

VIE Event type sr. Error ellipse: s-maj=3.2km s-min=2.4km az=171.0. 76 km WNW of Breslau.

Suspected Mining induced.

STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.

UPP Event type sm. Suspected Mining explosion.

(543) Germany

ISC V 22 20 23 48.2-36 51.57N-02 7.03E-03 0 76 0-8

NEIC V 22 20 23 47.6-5.2 51.69N 7.01E 10 2.9L

ISCJB V 22 20 23 47.1-37 51.53N-02 7.08E-04 0 2.9L

BNS V 22 20 23 48.5-52 51.66N 6.99E 1 2.1L

BUG V 22 20 23 48.5 51.62N 7.00E 1 1.5L

BGR V 22 20 23 49.9-51 51.57N 7.08E 1 2.4L

CSEM V 22 20 23 49.8-24 51.58N 6.98E 1 3.0L

LDG V 22 20 23 50.2-29 51.58N 6.95E 1-0 2.9L

ISC Event type sr.

IDC	Error ellipse: s-maj=49.0km s-min=8.0km az=148.0.								
(535) Southern Norway									
ISC	V 31 21 52 49.7-40	58.34N-03	9.67E-04	0	2.9b	78	1-43		
ISCJB	V 31 21 52 48.5-42	58.40N-03	9.70E-04	0	2.9b				
CSEM	V 31 21 52 49.5-08	58.34N	9.63E	1	2.1L				
BER	V 31 21 52 50.4-3.2	58.23N	9.67E	0-9	2.3,2.1L				
HEL	V 31 21 52 50.3-3.0	58.35N	9.59E	0	2.5L,2.1L				
IDC	V 31 21 52 51.0-1.6	58.34N	9.62E	0	3.3,3.2				
NAO	V 31 21 52 54.6-3.0	58.54N	9.71E	4-12	2.1L,3.2				
UPP	V 31 21 52 55.9	58.41N	10.41E	0	2.1L,3.2				
ISC	Event type km.								
ISCJB	Event type km. Error ellipse: s-maj=4.7km s-min=3.3km az=19.7.								
CSEM	Event type sr. Error ellipse: s-maj=2.2km s-min=1.5km az=24.0. Mining explosion.								
BER	Error ellipse: s-maj=10.5km s-min=9.0km az=-1.0.								
HEL	Event type kh. Error ellipse: s-maj=2.8km s-min=1.4km az=-1.0. Explosion.								
IDC	Error ellipse: s-maj=14.6km s-min=12.6km az=125.0.								
NAO	Error ellipse: s-maj=0.2km s-min=0.1km az=-1.0.								
UPP	Event type sm. Suspected Mining explosion.								
(543) Germany									
ISC	V 31 23 44 48.4-61	51.62N-04	6.89E-06	0		38	0-6		
ISCJB	V 31 23 44 47.6-61	51.59N-04	6.83E-06	0					
BNS	V 31 23 44 49.0-53	51.64N	7.01E	1	1.6L				
CSEM	V 31 23 44 49.3-25	51.63N	6.96E	1	2.5L				
LDG	V 31 23 44 49.9-23	51.59N	6.98E	1-0	2.5L				
BGR	V 31 23 44 50.1-1.1	51.60N	6.99E	1	1.9L				
NEIC	V 31 23 44 51.6-5.2	51.37N	6.77E	5	2.5L				
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=5.9km s-min=5.1km az=110.4.								
BNS	Event type ki.								
CSEM	Event type ki. Error ellipse: s-maj=5.3km s-min=2.9km az=4.0.								
LDG	Event type sr. Error ellipse: s-maj=4.3km s-min=2.2km az=25.0. Suspected Mining induced.								
BGR	Event type ki. Error ellipse: s-maj=23.3km s-min=7.8km az=82.0.								
NEIC	Event type se. Error ellipse: s-maj=59.2km s-min=12.9km az=209.0.								
(543) Germany									
ISC	VI 01 16 18 11.4-40	51.60N-02	7.06E-03	0		46	0-6		
ISCJB	VI 01 16 18 10.0-41	51.57N-03	7.13E-03	0					
BNS	VI 01 16 18 11.8-64	51.66N	6.89E	1	2.1L				
LDG	VI 01 16 18 12.7-43	51.61N	6.95E	1-0	3.0L				
CSEM	VI 01 16 18 12.1-14	51.67N	6.92E	1	2.1L				
BUG	VI 01 16 18 12.0	51.62N	7.00E	1	1.4L				
NEIC	VI 01 16 18 12.7	51.61N	6.95E	1	3.0L				
BGR	VI 01 16 18 13.0-64	51.54N	7.11E	1	2.1L				
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=3.7km s-min=2.7km az=166.6.								
BNS	Event type ki.								
LDG	Event type sr. Error ellipse: s-maj=8.3km s-min=4.3km az=30.0. Suspected Mining induced.								
CSEM	Event type ki. Error ellipse: s-maj=4.8km s-min=1.8km az=91.0.								
BUG	Event type ki.								
NEIC	Event type se. After LDG.								
BGR	Event type ki. Error ellipse: s-maj=6.7km s-min=4.4km az=123.0.								
(547) Czech and Slovak Republics									
ISC	VI 01 18 35 11.6-35	49.83N-02	18.49E-02	0		88	0-12		
ISCJB	VI 01 18 35 10.4-36	49.86N-03	18.39E-02	0					
IPEC	VI 01 18 35 12.0-17	49.83N	18.57E	7-1	2.7L				
NEIC	VI 01 18 35 12.0-46	49.84N	18.51E	5	2.6L				
IDC	VI 01 18 35 12.4-1.1	49.72N	18.49E	0	3.2,3.0				
CSEM	VI 01 18 35 12.4-11	49.89N	18.51E	1	3.4L,3.0				
PRU	VI 01 18 35 13.2	49.84N	18.46E	0	3.4L,3.0				
BGR	VI 01 18 35 15.0-1.2	49.80N	18.42E	1	3.2L,3.0				
ISC	Event type ki.								
ISCJB	Event type ki. Error ellipse: s-maj=3.7km s-min=2.1km az=28.2.								
IPEC	Event type ki. Error ellipse: s-maj=2.2km s-min=1.1km az=165.0.								
NEIC	Event type se. Error ellipse: s-maj=7.6km s-min=4.7km az=194.0.								
IDC	Error ellipse: s-maj=25.0km s-min=9.2km az=158.0.								
CSEM	Event type ki. Error ellipse: s-maj=2.5km s-min=1.6km az=12.0.								
PRU	Event type ki.								
BGR	Event type ki. Error ellipse: s-maj=15.6km s-min=13.3km az=58.0.								
(543) Germany									
ISC	VI 02 00 53 53.4-54	51.61N-03	6.97E-04	0		47	0-7		
ISCJB	VI 02 00 53 51.5-63	51.63N-04	6.93E-05	0					
BNS	VI 02 00 53 53.6-55	51.67N	6.98E	1	1.7L				
NEIC	VI 02 00 53 53.3-2.8	51.61N	6.95E	5	2.5L				
BGR	VI 02 00 53 53.5-1.2	51.64N	6.94E	1	1.7L				
BUG	VI 02 00 53 53.8	51.57N	6.94E	1	1.0L				
LDG	VI 02 00 53 55.5-21	51.56N	6.94E	1-0	2.5L				
CSEM	VI 02 00 53 55.0-13	51.60N	6.92E	1	2.6L				
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=5.9km s-min=4.0km az=139.1.								
BNS	Event type ki.								
NEIC	Event type se. Error ellipse: s-maj=31.0km s-min=11.0km az=208.0.								
BGR	Event type ki. Error ellipse: s-maj=15.6km s-min=5.6km az=133.0.								
BUG	Event type ki.								
LDG	Event type sr. Error ellipse: s-maj=4.1km s-min=2.2km az=23.0. Suspected Mining induced.								
CSEM	Event type ki. Error ellipse: s-maj=3.1km s-min=2.6km az=120.0.								
(548) Poland									
WAR	VI 02 07 05 22.6	50.25N	18.86E		2.5L				
NEIC	VI 02 07 05 23.3-92	50.24N	18.81E	5	2.5				
PRU	VI 02 07 05 23.0	50.30N	18.77E	0	2.5				
WAR	Event type kr. Mining Induced.								
NEIC	Event type se. Error ellipse: s-maj=15.7km s-min=7.0km az=5.0.								
PRU	Event type ki.								
(724) Baltic States - Belarus - Northwestern Russia									
ISC	VI 02 08 52 56.8-74	59.31N-03	27.1E-10	0		31	1-10		
ISCJB	VI 02 08 52 56.2-71	59.30N-03	27.0E-10	0					
NAO	VI 02 08 52 56.6-1.1	59.30N	27.03E	0	2.2L				
BER	VI 02 08 52 57.3-2.1	59.32N	27.15E	0-0	2.2L				
HEL	VI 02 08 52 57.7-20	59.30N	27.17E	0	2.2L,2.0L				
IDC	VI 02 08 52 58.6-2.1	59.42N	27.29E	0	3.1,3.0				
ISC	Event type kh.								
ISCJB	Event type kh. Error ellipse: s-maj=9.3km s-min=4.2km az=5.3.								
NAO	Error ellipse: s-maj=0.1km s-min=0.1km az=-1.0.								
BER	Event type sh. Error ellipse: s-maj=4.4km s-min=15.5km az=-1.0. Suspected explosion.								
HEL	Event type kh. Error ellipse: s-maj=0.6km s-min=1.9km az=-1.0. Explosion.								
IDC	Error ellipse: s-maj=20.0km s-min=12.2km az=115.0.								
(548) Poland									
WAR	VI 02 09 27 15.2	50.24N	18.96E		2.5L				
PRU	VI 02 09 27 15.0	50.32N	18.84E	0	2.5L				
WAR	Event type kr. Mining Induced.								
PRU	Event type ki.								
(548) Poland									
ISC	VI 02 14 21 34.4-59	51.46N-03	16.19E-04	0		39	1-4		
ISCJB	VI 02 14 21 33.5-67	51.43N-04	16.15E-04	0					
CSEM	VI 02 14 21 34.2-32	51.53N	16.18E	2	2.6L				
PRU	VI 02 14 21 36.8	51.36N	16.16E	0	2.6L				
NEIC	VI 02 14 21 36.7-1.9	51.39N	16.04E	5	2.5				
WAR	VI 02 14 21 36.2	51.45N	16.17E	0	2.5L				
VIE	VI 02 14 21 37.5-40	51.24N	16.30E	0-0	2.6L,1.9b				
ISC	Event type kr.								
ISCJB	Event type kr. Error ellipse: s-maj=5.3km s-min=3.2km az=34.8.								
CSEM	Event type sr. Error ellipse: s-maj=5.7km s-min=4.7km az=43.0. Suspected Mining induced.								
PRU	Event type ki.								
NEIC	Event type se. Error ellipse: s-maj=20.6km s-min=8.1km az=204.0.								
WAR	Event type kr. Mining Induced.								
VIE	Event type sr. Error ellipse: s-maj=2.6km s-min=2.5km az=102.0. 52 km WNW of Breslau. Suspected Mining induced.								
(547) Czech and Slovak Republics									
ISC	VI 02 16 28 12.0-34	49.84N-03	18.45E-02	0		70	0-4		
ISCJB	VI 02 16 28 11.1-35	49.83N-03	18.38E-03	0					
NEIC	VI 02 16 28 11.8-44	49.80N	18.52E	5	2.7				
CSEM	VI 02 16 28 12.8-10	49.88N	18.49E	1	3.2L				
IPEC	VI 02 16 28 12.5-13	49.82N	18.52E	7-1	2.1L				

VIE	VI 02 16 28 13.3-41	49.69N	18.38E	0-0	2.4L,2.2b				
PRU	VI 02 16 28 13.6	49.82N	18.41E	0	2.4L,2.2b				
ISC	Event type sr.								
ISCJB	Event type sr. Error ellipse: s-maj=3.9km s-min=2.2km az=27.8.								
NEIC	Event type se. Error ellipse: s-maj=7.6km s-min=4.4km az=193.0.								
CSEM	Event type ki. Error ellipse: s-maj=2.9km s-min=1.7km az=5.0.								
IPEC	Event type ki. Error ellipse: s-maj=2.0km s-min=0.8km az=161.0.								
VIE	Event type sr. Error ellipse: s-maj=2.9km s-min=1.6km az=87.0. 19 km SSE of Ostrava.								
PRU	Suspected Mining induced.								
PRU	Event type ki.								
(460) Wyoming									
ISC	VI 03 18 04 39.3-67	43.74N-04	105.14W-09	0	4.0b	31	2-90		
ISCJB	VI 03 18 04 37.6								

(548) Poland	ISC	VI	15 03 54 51.5-78	51.48N-04	16.11E-04	0	39	1-4
IPEC	VI	15 03 54 50.9-32	51.54N	16.18E	0	1.8L	19671074	
ISCJB	VI	15 03 54 51.2-77	51.41N-04	16.08E-04	0	1.8L		
PRU	VI	15 03 54 52.7	51.46N	16.11E	0	1.8L		
VIE	VI	15 03 54 53.8-45	51.30N	16.18E	0-0	2.5L,2.0b		
CSEM	VI	15 03 54 53.3-20	51.43N	16.16E	0-0	3.0L,2.0b		
ISC	Event type sr.							
IPEC	Event type sr. Error ellipse: s-maj=4.1km s-min=1.9km az=83.0.							
ISCJB	Event type sr. Error ellipse: s-maj=5.7km s-min=3.2km az=40.7.							
PRU	Event type ki.							
VIE	Event type sr. Error ellipse: s-maj=2.9km s-min=2.7km az=172.0. 62 km WNW of Breslau.							
CSEM	Suspected Mining induced.							
ISC	Event type ki. Error ellipse: s-maj=2.8km s-min=2.3km az=12.0.							
(460) Wyoming	ISC	VI	15 18 01 01.6-59	43.74N-05	105.18W-07	0	4.5b	24 1-61
IDC	VI	15 18 00 59.0-2.1	43.42N	105.27W	0	4.3b,4.2	19222031	
ISCJB	VI	15 18 01 00.3-65	43.77N-04	105.22W-07	0	4.5b,4.2		
NEIC	VI	15 18 01 01.6-50	43.72N	105.19W	0	3.2L,4.2		
ISC	Event type fm.							
IDC	Error ellipse: s-maj=51.5km s-min=8.2km az=154.0.							
ISCJB	Event type fm. Error ellipse: s-maj=7.7km s-min=6.4km az=5.6.							
NEIC	Event type fm. Error ellipse: s-maj=7.1km s-min=6.0km az=150.0. 70 km [45 miles] SSE of Gillette. Suspected Mining explosion.							
(543) Germany	ISC	VI	16 10 26 34.4-38	51.60N-02	7.05E-03	0	50	0-6
ISCJB	VI	16 10 26 33.2-38	51.55N-02	7.07E-04	0		18481129	
BUG	VI	16 10 26 35.5	51.59N	7.02E	1	1.5L		
BNS	VI	16 10 26 35.2-58	51.64N	6.98E	1	2.0L		
LDG	VI	16 10 26 35.6-23	51.63N	6.96E	1-0	2.8L		
CSEM	VI	16 10 26 35.0-15	51.66N	7.00E	1	2.7L		
BGR	VI	16 10 26 38.2-82	51.57N	7.26E	1	2.1L		
ISC	Event type sr.							
ISCJB	Event type sr. Error ellipse: s-maj=3.4km s-min=3.0km az=58.8.							
BUG	Event type ki.							
BNS	Event type ki.							
LDG	Event type sr. Error ellipse: s-maj=4.5km s-min=3.2km az=33.0. Suspected Mining induced.							
CSEM	Event type ki. Error ellipse: s-maj=3.9km s-min=1.7km az=83.0.							
BGR	Event type ki. Error ellipse: s-maj=8.9km s-min=5.6km az=92.0.							
(548) Poland	ISC	VI	16 11 00 41.9-1.0	51.53N-05	16.11E-06	0	27	1-4
ISCJB	VI	16 11 00 42.0-99	51.44N-04	16.03E-05	0		19671096	
CSEM	VI	16 11 00 43.5-68	51.49N	16.05E	1	2.9L		
PRU	VI	16 11 00 43.0	51.50N	16.11E	0	2.9L		
VIE	VI	16 11 00 45.0-48	51.30N	16.08E	0-0	2.5L,2.0b		
ISC	Event type sr.							
ISCJB	Event type sr. Error ellipse: s-maj=7.1km s-min=3.9km az=59.5.							
CSEM	Event type sr. Error ellipse: s-maj=9.8km s-min=6.4km az=31.0. Suspected Mining induced.							
PRU	Event type ki.							
VIE	Event type sr. Error ellipse: s-maj=3.0km s-min=2.8km az=171.0. 68 km WNW of Breslau.							
ISC	Suspected Mining induced.							
(546) Austria	ISC	VI	16 11 59 47.1-88	46.09N-06	13.68E-06	0	8	0-0
ISC	Event type km. 10986909							
(543) Germany	ISC	VI	16 15 14 21.9-32	49.37N-02	6.86E-03	0	59	0-5
BNS	VI	16 15 14 18.4-2.6	50.88N	8.69E	1	1.7L	18481134	
ISCJB	VI	16 15 14 20.8-32	49.36N-02	6.84E-03	0	1.7L		
STR	VI	16 15 14 22.6-26	49.37N	6.90E	1-1	2.5L		
LDG	VI	16 15 14 22.8-07	49.38N	6.88E	1-0	2.9,2.8L		
CSEM	VI	16 15 14 22.4-06	49.38N	6.91E	1	2.7L,2.8L		
NEIC	VI	16 15 14 22.6	49.37N	6.90E	1	2.8L,2.5L		
BGR	VI	16 15 14 24.4-1.8	49.35N	7.06E	1	2.0L,2.5L		
ISC	Event type sr.							
BNS	Event type ki.							
ISCJB	Event type sr. Error ellipse: s-maj=3.0km s-min=2.2km az=14.7.							
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.							
LDG	Event type sr. Error ellipse: s-maj=1.6km s-min=1.2km az=85.0. Suspected Mining induced.							
CSEM	Event type ki. Error ellipse: s-maj=1.4km s-min=1.1km az=106.0.							
NEIC	Event type se. After STR.							
BGR	Event type ki. Error ellipse: s-maj=28.9km s-min=6.7km az=92.0.							
(460) Wyoming	ISC	VI	16 21 03 31.6-53	43.69N-05	105.21W-06	0	4.9b	27 1-61
ISCJB	VI	16 21 03 30.0-56	43.69N-05	105.15W-06	0	4.9b	19222103	
IDC	VI	16 21 03 30.1-1.9	43.50N	105.32W	0	4.3b,4.1		
NEIC	VI	16 21 03 31.6-51	43.62N	105.16W	0	3.2L,4.1		
ISC	Event type fm.							
ISCJB	Event type fm. Error ellipse: s-maj=7.1km s-min=6.0km az=114.2.							
IDC	Error ellipse: s-maj=48.1km s-min=8.1km az=153.0.							
NEIC	Event type fm. Error ellipse: s-maj=8.9km s-min=6.1km az=148.0. 80 km [50 miles] SSE of Gillette. Suspected Mining explosion.							
(548) Poland	WAR	VI	17 04 52 34.4	50.08N	18.42E	2.4L		
CSEM	VI	17 04 52 34.2-22	50.13N	18.43E	1	3.1L	19671113	
IPEC	VI	17 04 52 34.0-14	50.11N	18.43E	6-1	2.0L		
VIE	VI	17 04 52 35.9-84	49.73N	18.44E	0-0	2.5L,1.6b		
PRU	VI	17 04 52 35.0	50.13N	18.35E	0	2.5L,1.6b		
WAR	Event type kr. Mining Induced.							
CSEM	Event type ki. Error ellipse: s-maj=5.7km s-min=2.8km az=3.0.							
IPEC	Event type ki. Error ellipse: s-maj=1.6km s-min=0.7km az=162.0.							
VIE	Event type sr. Error ellipse: s-maj=5.0km s-min=3.1km az=96.0. 18 km SE of Ostrava.							
PRU	Suspected Mining induced.							
(548) Poland	ISC	VI	17 17 52 16.4-71	51.46N-04	16.11E-04	0	55	1-4
NEIC	VI	17 17 52 16.0-1.4	51.52N	16.20E	5	2.5L	19222175	
ISCJB	VI	17 17 52 16.0-67	51.39N-03	16.07E-04	0	2.5L		
IPEC	VI	17 17 52 16.9-33	51.48N	16.17E	8-1	1.9L		
CSEM	VI	17 17 52 17.7-17	51.44N	16.14E	2	2.9L		
WAR	VI	17 17 52 17.9	51.45N	16.08E	2.4L			
VIE	VI	17 17 52 18.3-37	51.33N	16.10E	0-0	2.5L,2.1b		
PRU	VI	17 17 52 19.8	51.34N	16.10E	0	2.5L,2.1b		
ISC	Event type kr.							
NEIC	Event type se. Error ellipse: s-maj=15.2km s-min=5.9km az=211.0.							
ISCJB	Event type kr. Error ellipse: s-maj=5.2km s-min=2.9km az=41.9.							
IPEC	Event type ki. Error ellipse: s-maj=2.3km s-min=0.9km az=30.0.							
CSEM	Event type ki. Error ellipse: s-maj=2.9km s-min=1.9km az=15.0.							
WAR	Event type kr. Mining Induced.							
VIE	Event type sr. Error ellipse: s-maj=2.3km s-min=2.2km az=170.0. 69 km WNW of Breslau.							
PRU	Suspected Mining induced.							
(543) Germany	ISC	VI	17 19 20 30.8-23	49.36N-01	6.85E-02	0	121	0-6
ISCJB	VI	17 19 20 29.8-23	49.36N-01	6.81E-03	0		18481167	
BNS	VI	17 19 20 30.9-67	49.33N	6.97E	1	1.9L		
STR	VI	17 19 20 31.3-21	49.37N	6.88E	1-1	2.5L		
NEIC	VI	17 19 20 31.3	49.37N	6.88E	1	3.0L,2.5L		
LDG	VI	17 19 20 31.9-09	49.38N	6.91E	1-0	3.0L,3.0		
CSEM	VI	17 19 20 31.6-05	49.38N	6.92E	1	3.0L,3.0		
BGR	VI	17 19 20 32.0-1.3	49.35N	6.89E	1	2.2L,3.0		
ISC	Event type sr.							
ISCJB	Event type sr. Error ellipse: s-maj=2.5km s-min=1.8km az=35.9.							
BNS	Event type ki.							
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.							
NEIC	Event type se. After STR.							
LDG	Event type sr. Error ellipse: s-maj=2.0km s-min=1.7km az=98.0. Suspected Mining induced.							
CSEM	Event type ki. Error ellipse: s-maj=1.4km s-min=0.9km az=95.0.							
BGR	Event type ki. Error ellipse: s-maj=20.0km s-min=7.8km az=92.0.							
(547) Czech and Slovak Republics	ISC	VI	18 16 20 37.9-35	49.87N-02	18.42E-03	0	63	0-4

ISCJB	VI	18 16 20 36.8-36	49.88N-02	18.37E-03	0		19671132	
IPEC	VI	18 16 20 36.5-33	49.86N	18.59E	0	2.0L		
PRU	VI	18 16 20 39.2-67	49.70N	18.38E	0-0	2.4L,2.0b		
CSEM	VI	18 16 20 39.4	49.86N	18.37E	0	2.4L,2.0b		
ISC	VI	18 16 20 39.5-16	49.85N	18.39E	1	2.9L,2.0b		
ISCJB	Event type sr.							
IPEC	Event type sr. Error ellipse: s-maj=3.5km s-min=2.3km az=39.8.							
VIE	Event type ki. Error ellipse: s-maj=2.3km s-min=2.0km az=145.0.							
PRU	Event type sr. Error ellipse: s-maj=4.5km s-min=2.6km az=91.0. 17 km SSE of Ostrava.							
CSEM	Suspected Mining induced.							
PRU	Event type ki.							
CSEM	Event type ki. Error ellipse: s-maj=3.5km s-min=2.2km az=20.0.							
(543) Germany	ISC	VI	20 02 53 02.0-38	51.59N-02	7.05E-03	0	70	0-7
ISCJB	VI	20 02 53 01.1-37	51.55N-02	7.05E-03	0		18481271	
BNS	VI	20 02 53 01.9-66	51.69N	7.03E	1	2.0L		
LDG	VI	20 02 53 02.8-29	51.69N	6.97E	1-0	2.8L		
CSEM	VI	20 02 53 02.5-14	51.67N	7.03E	1	2.6L		
BUG	VI	20 02 53 02.4	51.60N	7.03E	1	1.4L		
BGR	VI	20 02 53 03.8-65	51.53N	7.12E	1	2.0L		
NEIC	VI	20 02 53 03.1-2.2	51.54N	6.86E	5	2.8L		
STR	VI	20 02 53 07.4-1.2	51.33N	6.63E	10-1	1.9L		
ISC	Event type sr.							
ISCJB	Event type sr. Error ellipse: s-maj=3.1km s-min=2.9km az=92.3.							
BNS	Event type ki.							
LDG	Event type sr. Error ellipse: s-maj=5.5km s-min=3.4km az=29.0. Suspected Mining induced.							
CSEM	Event type ki. Error ellipse: s-maj=3.1km s-min=2.0km az=71.0.							
BUG	Event type ki.							
BGR	Event type ki. Error ellipse: s-maj=8.9km s-min=4.4km az=121.0.							
NEIC	Event type se. Error ellipse: s-maj=26.4km s-min=7.4km az=201.0.							
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.							
(548) Poland	ISC	VI	20 15 59 30.9-44	51.49N-02	16.11E-03	0	77	1-19
ISCJB	VI	20 15 59 29.7-48	51.45N-03	16.12E-03	0		18855509	
IPEC	VI	20 15 59 29.9-28	51.55N	16.21E	0	2.4L		
MOS	VI	20 15 59 29.1-1.1	51.58N	16.38E	10	4.0b		
NEIC	VI	20 15 59 30.9-95	51.54N	16.11E	2-8	2.8L,2.8L		
CSEM	VI	20 15 59 31.7-08	51.49N	16.11E	1	3.4L,2.8L		
WAR	VI	20 15 59 32.5	51.47N	16.11E	1	2.7L,2.8L		
IDC	VI	20 15 59 32.5-70	51.45N	16.10E	0	3.2,3.1		
VIE	VI	20 15 59 33.2-46	51.31N	16.17E	0-0	2.9L,2.4b		
PRU	VI	20 15 59 33.6	51.41N	16.03E	0	2.9L,2.4b		
ISC	Event type kr.							
ISCJB	Event type kr. Error ellipse: s-maj=3.9km s-min=2.3km az=41.1.							
IPEC	Event type ki. Error ellipse: s-maj=1.9km s-min=1.5km az=41.0.							
MOS	Error ellipse: s-maj=23.2km s-min=7.2km az=76.3.							
NEIC	Event type se. Error ellipse: s-maj=6.8km s-min=5.5km az=146.0.							
CSEM	Event type ki. Error ellipse: s-maj=1.8km s-min=1.3km az=56.0.							
WAR	Event type kr. Mining Induced.							
IDC	Error ellipse: s-maj=14.4km s-min=6.8km az=105.0.							
VIE	Event type sr. Error ellipse: s-maj=3.1km s-min=2.6km az=175.0. 63 km WNW of Breslau.							
PRU	Suspected Mining induced.							
PRU	Event type ki.							
(460) Wyoming	ISC	VI	20 19 05 05.0-73	43.69N-04	105.23W-09	0	4.4b,2.9s	19 2-61
ISCJB	VI	20 19 05 02.9-77	43.75N-05	105.20W-10	0	4.4b,2.9s	19222326	
NEIC	VI	20 19 05 04.6-86	43.70N	105.29W	0	3.1L,2.9s		
IDC	VI	20 19 05 09.4-2.9	43.90N	105.72W	3			

CSEM Event type ki. Error ellipse: s-maj=1.0km s-min=0.9km az=52.0.
 BGR Event type ki.
 NEIC Event type sr. Error ellipse: s-maj=5.4km s-min=4.4km az=51.0.
 LDG Event type sr. Error ellipse: s-maj=1.4km s-min=1.2km az=73.0. Suspected Mining induced.

(723) Finland-Karelia border region

ISC VI 23 08 59 59.2-63 64.70N-03 30.7E-10 0 35 1-10
 ISCJB VI 23 08 59 58.6-70 64.67N-03 30.7E-10 0 110699060
 HEL VI 23 09 00 00.3-10 64.67N 30.75E 0 2.1L,1.8L
 IDC VI 23 09 00 03.2-2 64.65N 31.14E 0 3.1,3.0
 NAO VI 23 09 00 01.4-90 64.75N 30.28E 0 2.1L,3.0
 BER VI 23 09 00 02.1-3.5 64.77N 30.32E 0-0 2.1L,3.0
 ISC Event type kh.
 ISCJB Event type kh. Error ellipse: s-maj=7.8km s-min=4.2km az=2.5.
 HEL Event type kh. Error ellipse: s-maj=0.7km s-min=1.3km az=-1.0. Explosion.
 IDC Error ellipse: s-maj=30.3km s-min=9.2km az=102.0.
 NAO Error ellipse: s-maj=0.1km s-min=0.0km az=-1.0.
 BER Event type sh. Error ellipse: s-maj=7.6km s-min=4.5km az=-1.0. Suspected explosion.

(724) Baltic States - Belarus - Northwestern Russia

ISC VI 24 12 06 43.3-96 67.60N-03 33.9E-20 0 71 0-12
 ISCJB VI 24 12 06 40.8-1.2 67.57N-04 34.0E-20 0 110699076
 CSEM VI 24 12 06 42.2-27 67.63N 34.15E 0-1 2.4L
 NEIC VI 24 12 06 43.5-2.2 67.60N 34.09E 10 2.4L
 HEL VI 24 12 06 43.7-50 67.65N 34.05E 0 2.5L,2.4L
 NAO VI 24 12 06 44.5-1.2 67.67N 33.87E 0 2.4L,2.4L
 IDC VI 24 12 06 47.3-2.0 67.71N 33.45E 0 3.3,3.2
 ISC Event type km.
 ISCJB Event type km. Error ellipse: s-maj=11.6km s-min=5.0km az=149.3.
 CSEM Event type km. Error ellipse: s-maj=5.2km s-min=2.6km az=103.0. Mining explosion.
 NEIC Event type se. Error ellipse: s-maj=28.1km s-min=11.4km az=91.0.
 HEL Event type kh. Error ellipse: s-maj=2.1km s-min=3.1km az=-1.0. Explosion.
 NAO Error ellipse: s-maj=0.1km s-min=0.0km az=-1.0.
 IDC Error ellipse: s-maj=20.4km s-min=8.9km az=78.0.

(548) Poland

ISC VI 24 14 52 38.4-58 51.55N-03 16.12E-03 0 49 1-4
 ISCJB VI 24 14 52 37.3-58 51.51N-03 16.13E-03 0 119222539
 IPEC VI 24 14 52 38.0-19 51.59N 16.19E 0 2.2L
 NEIC VI 24 14 52 38.9-93 51.58N 16.08E 5 2.6L,2.5L
 WAR VI 24 14 52 39.9 51.54N 16.09E 2 2.6L,2.5L
 CSEM VI 24 14 52 39.7-22 51.53N 16.12E 2 3.3L,2.5L
 VIE VI 24 14 52 39.9-87 51.43N 16.10E 0-0 2.9L,2.2b
 PRU VI 24 14 52 40.2 51.49N 16.09E 0 2.9L,2.2b
 ISC Event type kr.
 ISCJB Event type kr. Error ellipse: s-maj=4.4km s-min=2.9km az=33.3.
 IPEC Event type ki. Error ellipse: s-maj=1.6km s-min=0.9km az=41.0.
 NEIC Event type se. Error ellipse: s-maj=11.7km s-min=8.5km az=219.0.
 WAR Event type kr. Mining Induced.
 CSEM Event type ki. Error ellipse: s-maj=3.6km s-min=2.0km az=11.0.
 VIE Event type sr. Error ellipse: s-maj=5.3km s-min=4.2km az=16.0. 73 km WNW of Breslau.
 Suspected Mining induced.

(548) Poland

ISC VI 24 15 39 47.9-32 51.54N-02 16.12E-02 0 3.0s,2.9b 133 1-40
 ISCJB VI 24 15 39 47.0-38 51.48N-02 16.10E-02 0 3.0s,2.9b 119149898
 BGR VI 24 15 39 48.4-60 51.53N 16.16E 1 3.2L,2.9b
 NEIC VI 24 15 39 48.9-41 51.54N 16.10E 5 3.4L,2.8L
 WAR VI 24 15 39 49.9 51.50N 16.09E 2 2.9L,2.8L
 IDC VI 24 15 39 49.4-65 51.48N 15.91E 0 3.3,3.2
 IPEC VI 24 15 39 49.2-22 51.51N 16.17E 8-1 2.7L,3.2
 CSEM VI 24 15 39 50.2-10 51.47N 16.09E 2 3.5L,3.2
 VIE VI 24 15 39 50.8-86 51.34N 16.05E 0-0 3.1L,2.6b
 PRU VI 24 15 39 50.0 51.48N 16.07E 0 3.1L,2.6b
 ISC Event type kr.
 ISCJB Event type kr. Error ellipse: s-maj=3.1km s-min=1.9km az=39.3.
 BGR Event type ki. Error ellipse: s-maj=12.2km s-min=7.8km az=146.0.
 NEIC Event type se. Error ellipse: s-maj=5.4km s-min=4.3km az=209.0.
 WAR Event type kr. Mining Induced.
 IDC Error ellipse: s-maj=11.2km s-min=6.1km az=107.0.
 IPEC Event type ki. Error ellipse: s-maj=1.6km s-min=0.7km az=43.0.
 CSEM Event type ki. Error ellipse: s-maj=2.1km s-min=1.3km az=19.0.
 VIE Event type sr. Error ellipse: s-maj=9.0km s-min=5.0km az=51.0. 72 km WNW of Breslau.
 Suspected Mining induced.

(543) Germany

ISC VI 25 07 41 07.9-25 49.37N-01 6.84E-02 0 141 0-7
 BNS VI 25 07 41 04.1-3.1 50.11N 8.98E 1 1.8L 118495968
 ISCJB VI 25 07 41 06.8-27 49.34N-02 6.80E-03 0 1.8L
 LDG VI 25 07 41 09.2-07 49.38N 6.92E 1-0 2.8,2.7L
 BGR VI 25 07 41 09.4-55 49.37N 6.92E 1 1.9L,2.7L
 CSEM VI 25 07 41 09.1-04 49.37N 6.95E 1 2.7L,2.7L
 NEIC VI 25 07 41 09.2 49.38N 6.92E 1 2.7L,2.1L
 ISC Event type sr.
 BNS Event type ki.
 ISCJB Event type sr. Error ellipse: s-maj=2.7km s-min=2.1km az=53.5.
 LDG Event type sr. Error ellipse: s-maj=1.4km s-min=1.2km az=94.0. Suspected Mining induced.
 BGR Event type ki. Error ellipse: s-maj=6.7km s-min=6.7km az=81.0.
 CSEM Event type ki. Error ellipse: s-maj=0.9km s-min=0.7km az=127.0.
 NEIC Event type se. After LDG.

(460) Wyoming

ISC VI 25 19 14 28.1-64 43.76N-04 105.14W-06 0 28 1-11
 ISCJB VI 25 19 14 27.0-72 43.78N-04 105.28W-07 0 119222614
 IDC VI 25 19 14 27.3-1.8 43.86N 105.49W 0 3.5,3.2
 NEIC VI 25 19 14 27.2-86 43.85N 105.30W 0 3.4L,3.2
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=7.2km s-min=6.2km az=139.3.
 IDC Error ellipse: s-maj=55.7km s-min=8.6km az=149.0.
 NEIC Event type fm. Error ellipse: s-maj=14.5km s-min=10.3km az=130.0. 50 km [30 miles] SSE of Gillette. Suspected Mining explosion.

(536) Sweden

ISC VI 27 10 48 31.7-38 59.05N-03 18.23E-05 0 63 0-11
 CSEM VI 27 10 48 31.7-09 59.04N 18.25E 2 2.9L 110699119
 UPP VI 27 10 48 31.8 59.00N 18.19E 0 2.9L
 ISCJB VI 27 10 48 31.1-39 59.04N-03 18.29E-06 0 2.9L
 HEL VI 27 10 48 32.7-10 59.00N 18.18E 0 2.9L,2.0L
 NAO VI 27 10 48 34.0-1.8 59.16N 18.09E 0 2.0L,2.0L
 BER VI 27 10 48 35.5-3.9 59.20N 18.13E 0-0 2.0L,2.0L
 ISC Event type km.
 CSEM Event type km. Error ellipse: s-maj=2.8km s-min=1.8km az=135.0. Mining explosion.
 UPP Event type km. Mining explosion.
 ISCJB Event type km. Error ellipse: s-maj=5.6km s-min=3.2km az=109.9.
 HEL Event type kh. Error ellipse: s-maj=0.7km s-min=0.6km az=-1.0. Explosion.
 NAO Error ellipse: s-maj=0.2km s-min=0.1km az=-1.0.
 BER Event type sh. Error ellipse: s-maj=25.7km s-min=15.4km az=-1.0. Suspected explosion.

(721) Finland

ISC VI 29 11 41 25.5-65 60.29N-04 25.09E-07 0 26 0-9
 ISCJB VI 29 11 41 24.2-64 60.28N-04 25.04E-07 0 119305349
 IDC VI 29 11 41 24.3-1.6 60.15N 25.48E 0 2.8,2.7
 HEL VI 29 11 41 25.3-10 60.19N 25.22E 0 2.2L,1.9L
 ISC Event type kh.
 ISCJB Event type kh. Error ellipse: s-maj=7.4km s-min=3.4km az=106.3.
 IDC Error ellipse: s-maj=16.5km s-min=7.0km az=141.0.
 HEL Event type kh. Error ellipse: s-maj=0.8km s-min=0.7km az=-1.0. Explosion.

(460) Wyoming

ISC VI 29 20 01 20.8-56 43.77N-05 105.22W-07 0 3.9b 29 1-90
 ISCJB VI 29 20 01 19.3-59 43.76N-05 105.24W-07 0 3.9b 119222848
 IDC VI 29 20 01 20.8-1.8 43.86N 105.58W 0 3.9,3.8b
 NEIC VI 29 20 01 20.9-43 43.77N 105.24W 0 3.3L,3.8b
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=8.5km s-min=6.5km az=93.8.
 IDC Error ellipse: s-maj=54.0km s-min=8.6km az=149.0.
 NEIC Event type fm. Error ellipse: s-maj=7.0km s-min=4.9km az=140.0. 60 km [40 miles] SSE of Gillette. Suspected Mining explosion.

(543) Germany

ISC VI 29 23 43 37.9-28 49.14N-01 6.76E-03 0 123 1-7
 ISCJB VI 29 23 43 36.6-29 49.13N-01 6.70E-03 0 118505621
 BGR VI 29 23 43 39.5-47 49.14N 6.88E 1 2.1L
 LDG VI 29 23 43 39.6-09 49.15N 6.80E 1-0 2.9,2.6L
 CSEM VI 29 23 43 39.3-05 49.13N 6.86E 2 2.6L,2.6L
 NEIC VI 29 23 43 39.6 49.15N 6.80E 1 2.6L,2.4L
 BNS VI 29 23 43 40.5-1.0 49.22N 7.01E 1 1.8L,2.4L
 ISC Event type sr.
 ISCJB Event type sr. Error ellipse: s-maj=2.7km s-min=2.1km az=42.6.
 BGR Event type ki. Error ellipse: s-maj=6.7km s-min=4.4km az=100.0.
 LDG Event type sr. Error ellipse: s-maj=2.0km s-min=1.6km az=132.0. Suspected Mining induced.
 CSEM Event type ki. Error ellipse: s-maj=0.9km s-min=0.9km az=89.0.
 NEIC Event type se. After LDG.
 BNS Event type ki.

(723) Finland-Karelia border region

HEL VI 30 08 59 41.8-30 64.76N 31.01E 0 2.5L,2.5L
 NAO VI 30 08 59 40.4-1.0 64.64N 31.11E 0 2.5L,2.5L 110699166
 IDC VI 30 08 59 40.3-2.2 64.60N 31.61E 0 3.0,2.9
 CSEM VI 30 08 59 40.6-28 64.76N 30.90E 1 2.5L,2.9
 BER VI 30 08 59 44.5-3.3 64.74N 30.47E 0-0 2.5L,2.3L
 HEL Event type kh. Error ellipse: s-maj=1.2km s-min=2.3km az=-1.0. Explosion.
 NAO Error ellipse: s-maj=0.1km s-min=0.0km az=-1.0.
 IDC Error ellipse: s-maj=28.1km s-min=10.2km az=102.0.
 CSEM Event type km. Error ellipse: s-maj=8.4km s-min=3.9km az=84.0. Mining explosion.
 BER Event type sh. Error ellipse: s-maj=8.2km s-min=33.2km az=-1.0. Suspected explosion.

(460) Wyoming

ISC VI 30 18 02 49.9-43 43.78N-04 105.17W-05 0 4.0b 48 1-90
 ISCJB VI 30 18 02 47.9-50 43.77N-04 105.14W-06 0 4.0b 119222893
 IDC VI 30 18 02 47.0-2.2 43.20N 104.99W 0 3.9b,3.9
 NEIC VI 30 18 02 50.2-30 43.76N 105.23W 0 3.4L,3.9
 ISC Event type fm.
 ISCJB Event type fm. Error ellipse: s-maj=6.4km s-min=5.6km az=96.8.
 IDC Error ellipse: s-maj=64.2km s-min=9.5km az=153.0.
 NEIC Event type fm. Error ellipse: s-maj=4.6km s-min=3.6km az=146.0. 65 km [40 miles] SSE of Gillette. Suspected Mining explosion.

REGIONAL CATALOGUE OF EVENTS

SEISMIC REGION 1. Alaska-Aleutian Arc.

(1) Central Alaska.

Table of seismic events for Central Alaska, including columns for station codes (ISC, BJI, IDC, etc.), event dates, magnitudes, locations (e.g., 63.55N-03, 149.11W-07), and other parameters like depth and error ellipses.

Table of seismic events for other regions, including columns for station codes (NEIC, ISC, BJI, etc.), event dates, magnitudes, locations (e.g., 63.32N, 151.10W), and other parameters like depth and error ellipses.

Table with columns for station ID, frequency, and coordinates. Includes entries for BJI, ISCJB, NEIC, IDC, and ISC.

(2) Southern Alaska.

Table with columns for station ID, frequency, and coordinates. Includes entries for ISC, ISCJB, IDC, and NEIC.

Table with columns for station ID, frequency, and coordinates. Includes entries for ISC, ISCJB, IDC, and NEIC.

Table with columns for station ID, frequency, and coordinates. Includes entries for ISC, ISCJB, IDC, and NEIC.

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Table with columns for station ID, frequency, and coordinates. Includes entries for ISC, ISCJB, IDC, and NEIC.

Table with columns for station ID, frequency, and coordinates. Includes entries for ISC, ISCJB, IDC, and NEIC.

MOS	I	26 22 33 49.8-1.1	53.66N	169.08E	33	4.6b,4.1			
ISCJB	I	26 22 33 50.4-52	53.58N-05	168.96E-05	39-5	4.2b,3.9s			
NEIC	I	26 22 33 51.1-35	53.62N	169.06E	30	4.5b,3.9s			
KRSC	I	26 22 33 51.2-1.5	53.49N	168.66E	20-17	4.4L,3.9s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=22.5km s-min=10.2km az=21.0.								
MOS	Error ellipse: s-maj=12.2km s-min=9.2km az=42.5.								
ISCJB	Event type se. Error ellipse: s-maj=9.3km s-min=4.3km az=21.4.								
NEIC	Event type se. Error ellipse: s-maj=12.1km s-min=5.9km az=180.0.								
KRSC	Event type se.								
ISC	I	27 22 11 51.4-71	53.41N-08	169.09E-07	43-11	3.1b	30	3-65	
KRSC	I	27 22 11 45.3-2.7	53.18N	169.55E	77-20	4.0L			¶19431156
ISCJB	I	27 22 11 49.8-76	53.41N-08	169.00E-07	44-12	3.1b			
IDC	I	27 22 11 52.4-1.2	53.60N	169.17E	41-9	3.6L,3.3			
NEIC	I	27 22 11 52.1-1.1	53.58N	169.19E	42	3.6L,3.3			
ISC	Event type se.								
KRSC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=13.4km s-min=6.5km az=16.1.								
IDC	Error ellipse: s-maj=33.7km s-min=10.0km az=18.0.								
NEIC	Event type se. Error ellipse: s-maj=37.2km s-min=14.5km az=190.0.								
KRSC	I	06 21 33 42.1-1.5	54.57N	164.44E	40-21	3.9L			¶19430489
KRSC	Event type se.								
ISC	I	27 16 37 42.6-37	53.44N-06	169.08E-05	38	3.9b	67	3-79	
KRSC	I	27 16 37 36.5-2.7	53.17N	169.54E	64-20	4.3L			¶18079407
ISCJB	I	27 16 37 40.7-36	53.43N-06	169.01E-05	36	3.8b			
MOS	I	27 16 37 40.9-99	53.51N	169.04E	41	4.2b			
NEIC	I	27 16 37 42.7-79	53.51N	169.09E	37-8	4.1b			
IDC	I	27 16 37 43.4-74	53.64N	168.98E	37-4	3.7L,3.6			
ISC	Event type se.								
KRSC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=8.6km s-min=3.9km az=14.2.								
MOS	Error ellipse: s-maj=16.9km s-min=11.1km az=101.3.								
NEIC	Event type se. Error ellipse: s-maj=11.2km s-min=6.4km az=183.0.								
IDC	Error ellipse: s-maj=22.9km s-min=9.2km az=15.0.								
ISC	V	26 02 52 11.1-56	54.85N-04	164.53E-06	38-8	4.1b	73	1-63	
IDC	V	26 02 52 05.7-7.9	54.68N	164.54E	0	4.3,4.1b			¶18854865
NEIC	V	26 02 52 07.6-3.0	54.32N	164.46E	30	4.2b,4.1b			
KRSC	V	26 02 52 09.2-80	54.82N	164.53E	32-6	4.2L,4.1b			
ISCJB	V	26 02 52 10.1-54	54.84N-04	164.49E-06	42-7	4.1b,4.1b			
MOS	V	26 02 52 10.3-1.2	54.83N	164.44E	46	4.3b,4.1b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=169.2km s-min=41.4km az=9.0.								
NEIC	Event type se. Error ellipse: s-maj=81.0km s-min=11.9km az=176.0.								
KRSC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=7.1km s-min=5.1km az=124.8.								
MOS	Error ellipse: s-maj=14.3km s-min=11.2km az=65.3.								
ISC	V	27 17 06 04.2-45	54.41N-03	164.42E-05	35	3.6b	86	1-82	
IDC	V	27 17 06 00.7-1.0	54.37N	164.70E	0	3.9,3.9L			¶18854894
ISCJB	V	27 17 06 02.9-45	54.40N-03	164.39E-05	33	3.6b,3.9L			
KRSC	V	27 17 06 02.2-50	54.39N	164.39E	29-5	4.2L,3.9L			
MOS	V	27 17 06 04.6-1.1	54.47N	164.21E	43	4.1b,3.9L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=49.3km s-min=18.0km az=147.0.								
ISCJB	Event type se. Error ellipse: s-maj=4.1km s-min=3.5km az=46.3.								
KRSC	Event type se.								
MOS	Error ellipse: s-maj=15.9km s-min=12.8km az=64.2.								
KRSC	VI	15 04 21 56.4-90	56.11N	164.12E	12-2	4.0L			¶10969284
KRSC	Event type se.								
KRSC	VI	11 23 05 14.3-1.4	56.14N	164.11E	20-2	3.8L			¶10969279
KRSC	Event type se.								
KRSC	VI	06 21 33 34.7-1.3	54.67N	164.27E	40-23	3.8L			¶10969276
KRSC	Event type se.								
ISC	IV	12 01 06 58.7-11	56.34N-02	164.00E-03	32	5.8s,5.3b	937	1-164	
KRSC	IV	12 01 06 51.0-1.0	56.14N	164.42E	1-3	5.8L,5.3b			¶10697693
IDC	IV	12 01 06 53.6-40	56.47N	164.12E	0	5.5s,5.5			
BJI	IV	12 01 06 55.8	56.40N	164.00E	28	6.4s,6.0s			
MOS	IV	12 01 06 55.7-1.5	56.26N	164.07E	25	5.8s,5.5b			
ISCJB	IV	12 01 06 56.8-11	56.28N-02	164.07E-03	30	5.8s,5.3b			
HRVD	IV	12 01 06 58.7-10	56.24N	164.25E	24-0	6.0W,5.3b			
SZGRF	IV	12 01 06 58.0	56.34N	164.25E	33	5.8s,5.7b			
NEIC	IV	12 01 06 58.7-19	56.40N	163.99E	29	5.9W,5.7s			
ISC	Event type se.								
KRSC	Event type se.								
IDC	Error ellipse: s-maj=12.9km s-min=7.8km az=151.0.								
MOS	Event type fe. Error ellipse: s-maj=6.3km s-min=3.5km az=91.4. Felt (III-IV) at Klyuchi. Moment Tensor Solution.								
ISCJB	Event type fe. Error ellipse: s-maj=3.1km s-min=1.7km az=134.8.								
HRVD	Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s102,c221; Mantle waves: s112,c408; Half duration: 2s6 Moment tensor: Scale 10 ¹⁸ Nm; Mrr=0.01±0.01; Mθθ=0.63±0.01; Mφφ=0.63±0.01; Mrr=0.11±0.02; Mθθ=1.27±0.01; Mφφ=0.25±0.02; Best double couple: NP1:φ=283.00000°,δ=81.00000°,λ=174.00000°; NP2:φ=14.00000°,δ=84.00000°,λ=9.00000°. Principal axes: T 1.4730,Plg11.0000°,AzM238.0000°; N -0.0590,Plg79.0000°,AzM49.0000°; P -1.4150,Plg2.0000°,AzM148.0000°; M1.44400°x10 ¹⁸								
SZGRF	Komandorsky Islands, Russia, region.								
NEIC	Event type fe. Error ellipse: s-maj=6.1km s-min=3.6km az=178.0. Felt [IV] at Klyuchi. Moment Tensor Solution. Scale 10 ¹⁸ Nm; Mrr=0.00 Mθθ=0.00 Mφφ=0.00 Mrr=0.00 Mθθ=0.00 Mφφ=0.00 Best double couple: NP1:φ=286.00000°,δ=88.00000°,λ=168.00000°; NP2:φ=17.00000°,δ=78.00000°,λ=2.00000°. Principal axes: T 0.9900,Plg10.0000°,AzM241.0000°; N 0.1100,Plg78.0000°,AzM95.0000°; P -1.1000,Plg7.0000°,AzM332.0000°; M1.0000°x10 ¹⁸								
ISC	IV	19 03 21 08.8-36	54.80N-03	165.87E-04	10	4.0b	126	0-63	
ISCJB	IV	19 03 21 07.3-36	54.77N-03	165.84E-04	10	4.0b			¶10697847
MOS	IV	19 03 21 10.5-79	54.77N	165.92E	46	4.3b			
KRSC	IV	19 03 21 11.4-1.3	54.89N	165.80E	30-4	4.6L			
IDC	IV	19 03 21 12.7-5.4	55.01N	165.97E	33-50	3.9,3.9			
NEIC	IV	19 03 21 12.3-48	54.94N	165.87E	35	4.2b,3.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=4.0km s-min=2.7km az=135.0.								
MOS	Error ellipse: s-maj=11.5km s-min=10.6km az=79.3.								
KRSC	Event type se.								
IDC	Error ellipse: s-maj=33.8km s-min=14.7km az=6.0.								
NEIC	Event type se. Error ellipse: s-maj=13.0km s-min=6.1km az=175.0.								
ISC	IV	19 03 24 06-13	54.89N-02	165.91E-02	23	5.1b,4.4s	740	0-149	
ISCJB	IV	19 03 24 38.8-13	54.83N-02	165.93E-02	23	5.1b,4.4s			¶10697848
MOS	IV	19 03 24 40.7-82	54.89N	165.90E	33	5.3b,4.3s			
KRSC	IV	19 03 24 40.7-1.9	54.86N	165.78E	23-4	5.8L,4.3s			
BJI	IV	19 03 24 40.5	55.23N	165.53E	22	5.1b,5.0b			
BGS	IV	19 03 24 41.2-1.4	54.57N	166.62E	43-0	5.2b,5.0b			
HRVD	IV	19 03 24 42.8-20	54.91N	165.96E	26-1	5.1W,5.0b			
IDC	IV	19 03 24 42.2-2.4	54.92N	165.90E	33-19	4.9,4.9			
NEIC	IV	19 03 24 42.8-51	54.85N	165.92E	39-4	5.1b,4.9			
SZGRF	IV	19 03 24 43.0	54.89N	166.71E	50	5.2b,4.3s			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=3.3km s-min=1.6km az=170.2.								
MOS	Error ellipse: s-maj=6.3km s-min=3.8km az=96.3.								
KRSC	Event type se.								
BGS	Error ellipse: s-maj=158.4km s-min=549.6km az=-1.0.								
HRVD	Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s42,c59; Mantle waves: s86,c136; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mrr=2.31±1.5 Mθθ=3.45±1.2; Mφφ=1.14±1.1; Mrr=0.74±0.30; Mθθ=1.42±0.8; Mφφ=0.84±0.22; Best double couple: NP1:φ=318.00000°,δ=29.00000°,λ=144.00000°; NP2:φ=80.00000°,δ=74.00000°,λ=66.00000°. Principal axes: T 4.6970,Plg5.0000°,AzM320.0000°; N 0.7220,Plg23.0000°,AzM88.0000°; P -5.4190,Plg25.0000°,AzM189.0000°; M5.05800°x10 ¹⁶								

IDC	Error ellipse: s-maj=12.4km s-min=9.0km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=4.2km s-min=2.2km az=185.0.								
SZGRF	Komandorsky Islands, Russia, region.								
(5) Near Islands.									
ISC	IV	20 03 29 24.8-38	52.26N-06	174.00E-07	35	4.4b,3.7s	95	0-83	
IDC	IV	20 03 29 19.5-76	52.25N	174.02E	0	4.2,4.1			¶10697878
ISCJB	IV	20 03 29 22.8-35	52.19N-05	173.96E-07	33	4.4b,3.7s			
NEIC	IV	20 03 29 24.9-1.7	52.21N	174.01E	36-13	4.3b,3.7s			
MOS	IV	20 03 29 24.1-99	52.32N	173.88E	40	4.5b,3.7s			
BJI	IV	20 03 29 24.9	52.20N	174.00E	36	5.1b,4.7b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=21.7km s-min=15.3km az=155.0.								
ISCJB	Event type se. Error ellipse: s-maj=7.0km s-min=5.9km az=28.4.								
NEIC	Event type se. Error ellipse: s-maj=15.4km s-min=7.4km az=179.0.								
MOS	Error ellipse: s-maj=17.2km s-min=8.3km az=99.5.								
ISC	VI	16 21 47 36.1-52	52.85N-08	173.73E-08	82-5	4.5b	190	0-161	
ISCJB	VI	16 21 47 35.1-54	52.82N-08	173.69E-08	85-5	4.5b			¶10698966
MOS	VI	16 21 47 36.3-92	52.89N	173.59E	90	4.5b			
BJI	VI	16 21 47 36.2	52.80N	173.70E	81	4.6b,4.7b			
IDC	VI	16 21 47 36.1-57	52.77N	173.73E	84-5	4.8,4.4			
NEIC	VI	16 21 47 36.3-27	52.82N	173.72E	82	4.5b,4.4			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=13.5km s-min=7.6km az=159.8.								
MOS	Error ellipse: s-maj=15.4km s-min=5.2km az=99.6.								
IDC	Error ellipse: s-maj=16.5km s-min=11.6km az=142.0.								
NEIC	Event type se. Error ellipse: s-maj=7.6km s-min=4.5km az=185.0. Felt on Shernya.								
ISC	VI	29 15 21 36.7-57	52.1N-10	172.6E-10	32	4.0b	28	1-83	
ISCJB	VI	29 15 21 35.0-62	52.2N-10	172.6E-10	30	4.0b			¶10699150
NEIC	VI	29 15 21 36.5-50	52.10N	172.67E	31	4.3b			
IDC	VI	29 15 21 37.5-1.1	52.15N	172.59E	31-5	3.8,3.8			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=17.7km s-min=9.1km az=177.7.								
IDC	Event type se. Error ellipse: s-maj=14.1km s-min=8.8km az=179.0.								
NEIC	Error ellipse: s-maj=24.7km s-min=19.0km az=159.0.								
ISC	VI	04 08 51 32.3	51.97N	174.82E	68	3.4L			¶10665551
NEIC	Event type se. After AEIC.								
IDC	VI	07 21 25 08.9-5.4	52.29N	174.00E	0	4.1L,4.0			¶9599883
IDC	Error ellipse: s-maj=135.1km s-min=34.7km az=173.0.								
ISC	II	09 14 17 34.4-58	52.9N-10	172.45E-06	50-8	3.2b	26	0-55	
ISCJB	II	09 14 17 32.8-63	52.9N-10	172.34E-06	54-7	3.2b			¶9570322
NEIC	II	09 14 17 32.7-2.3	52.60N	172.39E	49-13	3.5L			
IDC	II	09 14 17 34.3-2.7	52.76N	172.47E	42-15	3.5,3.5			
KRSC	II	09 14 17 34.5-1.8	52.40N	172.02E	48-75	4.2L,3.5			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=23.9km s-min=5.8km az=9.8.								
NEIC	Event type se. Error ellipse: s-maj=50.1km s-min=21.0km az=180.0.								
IDC	Error ellipse: s-maj=83.6km s-min=27.8km az=168.0.								
KRSC	Event type se.								
IDC	II	13 14 05 00.4-2.5	51.40N	172.73E	0	3.7,3.5			¶9570700
IDC	Error ellipse: s-maj=36.2km s-min=31.9km az=155.0.								
ISC	V	25 11 42 14.5-48	52.96N-06	170.85E-05	35	3.8b	75	1-81	
KRSC	V	25 11 42 11.6-2.3	52.76N	170.84E	32-19	4.2L			¶10698613
ISCJB	V	25 11 42 12.7-45	53.00N-06	170.76E-05	33	3.8b			
MOS	V	25 11 42 12.5-1.3	53.14N	170.91E	33	4.6b			
IDC	V	25 11 42 15.3-3.1	53.10N	170.94E	37-29				

M₀2.42100×10¹⁷

BGS Error ellipse: s-maj=700.8km s-min=999.9km az=-1.0.

SZGRF Near Islands, Aleutian Islands, United States.

ISC VI 25 16 17 33.3-4 51.8N-20 173.9E-20 25-20 3.8b,3.0s 16 1-83

IDC VI 25 16 17 33.3-4 51.81N 173.95E 0 3.9,3.8

ISCJB VI 25 16 17 31.4-95 51.74N-08 173.8E-20 19 3.8b,3.0s

NEIC VI 25 16 17 33.4-4.2 51.82N 173.93E 19-23 4.0b,3.0s

ISC Event type se.

IDC Error ellipse: s-maj=36.4km s-min=28.2km az=177.0.

ISCJB Event type se. Error ellipse: s-maj=19.2km s-min=9.5km az=54.4.

NEIC Event type se. Error ellipse: s-maj=21.1km s-min=11.7km az=158.0.

ISC IV 24 06 31 59.0-1.3 52.4N-20 171.9E-10 43 3.6b 21 1-55

MOS IV 24 06 31 54.1-61 52.08N 171.73E 33 3.9b

ISCJB IV 24 06 31 56.8-1.2 52.3N-20 171.8E-10 41 3.6b

IDC IV 24 06 31 58.8-1.8 52.44N 171.78E 40-8 3.7,3.6

NEIC IV 24 06 31 59.0-1.7 52.35N 171.98E 41 3.7b,3.6

ISC Event type se.

MOS Error ellipse: s-maj=68.0km s-min=20.2km az=55.8.

ISCJB Event type se. Error ellipse: s-maj=31.5km s-min=10.6km az=151.1.

IDC Error ellipse: s-maj=52.5km s-min=16.6km az=173.0.

NEIC Event type se. Error ellipse: s-maj=43.8km s-min=17.5km az=176.0.

ISC IV 25 04 26 53.4-20 53.98N-04 170.35E-03 33 4.6b,3.9s 274 2-83

KRSC IV 25 04 26 49.8-1.1 53.88N 170.48E 31-8 4.6L,3.9S

ISCJB IV 25 04 26 51.0-20 53.94N-04 170.30E-03 31 4.6b,3.9S

BJI IV 25 04 26 50.4 54.01N 169.63E 10 4.9b,4.9b

MOS IV 25 04 26 51.9-1.6 53.92N 170.43E 33 4.6b,3.8s

IDC IV 25 04 26 51.5-3.6 54.03N 170.48E 20-23 4.3,4.2

NEIC IV 25 04 26 53.5-43 53.77N 170.49E 35 4.6b,4.5L

HRVD IV 25 04 26 53.5-60 54.20N 170.42E 24-1 4.8W,4.5L

SZGRF IV 25 04 26 55.0 52.85N 170.75E 33 4.4b,4.5L

ISC Event type se.

KRSC Event type se.

ISCJB Event type se. Error ellipse: s-maj=5.9km s-min=2.2km az=3.3.

MOS Error ellipse: s-maj=9.3km s-min=6.7km az=101.6.

IDC Error ellipse: s-maj=14.0km s-min=9.0km az=27.0.

NEIC Event type se. Error ellipse: s-maj=13.4km s-min=5.4km az=8.0.

HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s22,c25; Mantle waves: s66,c91; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M₀0.10±.11 M₀1.77±.09; M₀1.67±.10; M₀0.18±.15; M₀0.88±.08; M₀0.29±.12; Best double couple: NP1:φ₃₂0.0000°,δ₈₁0.0000°,λ₅0.0000°. NP2:φ₃₀₁0.0000°,δ₈₅0.0000°,λ₁₇₁0.0000°. Principal axes: T 1.9410,Plg10.0000°,Az_m256.0000°; N 0.0500,Plg79.0000°; Az_m93.0000°; P -1.9880,Plg3.0000°,Az_m347.0000° M₀1.96500×10¹⁶

SZGRF Near Islands, Aleutian Islands, United States.

(6) Rat Islands.

ISC IV 07 14 36 31.3-71 51.54N-07 179.73E-04 60-5 4.6b,4.1s 228 2-147

BJI IV 07 14 36 28.6 51.52N 179.48E 53 4.9b,4.8b

ISCJB IV 07 14 36 29.0-81 51.48N-07 179.72E-04 54-6 4.6b,4.1s

MOS IV 07 14 36 29.4-95 51.50N 179.74E 56 4.8b,4.1s

IDC IV 07 14 36 31.3-80 51.44N 179.65E 64-6 4.4,4.2

NEIC IV 07 14 36 31.5-25 51.45N 179.74E 65 4.6b,4.2

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=11.1km s-min=4.0km az=0.6.

MOS Error ellipse: s-maj=9.4km s-min=6.7km az=89.2.

IDC Error ellipse: s-maj=18.2km s-min=11.0km az=173.0.

NEIC Event type se. Error ellipse: s-maj=7.2km s-min=3.2km az=180.0.

ISC IV 07 14 59 42.8-1.6 51.4N-20 179.77E-09 61-10 4.0b 25 2-68

ISCJB IV 07 14 59 41.0-1.7 51.3N-20 179.74E-09 61-11 4.0b

NEIC IV 07 14 59 40.7-1.8 51.24N 179.70E 46-12 4.0b

IDC IV 07 14 59 44.8-3.4 51.67N 179.94E 60-31 4.1,4.0

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=32.0km s-min=8.4km az=15.8.

NEIC Event type se. Error ellipse: s-maj=27.6km s-min=11.0km az=192.0.

IDC Error ellipse: s-maj=46.6km s-min=18.0km az=6.0.

ISC IV 08 11 53 20.3-3.2 50.8N-30 179.5E-10 53-17 3.6b 15 3-68

IDC IV 08 11 53 10.8-2.2 50.23N 179.60E 0 3.8,3.7

ISCJB IV 08 11 53 18.4-3.3 50.8N-30 179.4E-10 51-19 3.6b,3.7

NEIC IV 08 11 53 22.7-3.3 50.81N 179.66E 71-16 3.1,3.7

ISC Event type se.

IDC Error ellipse: s-maj=47.5km s-min=14.7km az=7.0.

ISCJB Event type se. Error ellipse: s-maj=56.2km s-min=10.5km az=11.7.

NEIC Event type se. Error ellipse: s-maj=66.5km s-min=12.7km az=177.0.

ISC IV 22 14 16 25.7-2.0 51.5N-40 178.8E-10 60-14 3.4b 13 3-60

IDC IV 22 14 16 18.6-3.3 51.22N 179.27E 0 3.7,3.5L

ISCJB IV 22 14 16 24.0-2.3 51.5N-40 178.8E-10 62-14 3.4b,3.5L

NEIC IV 22 14 16 25.4 51.41N 178.78E 37 3.1L,3.5L

ISC Event type se.

IDC Error ellipse: s-maj=72.9km s-min=13.0km az=6.0.

ISCJB Event type se. Error ellipse: s-maj=72.1km s-min=10.5km az=15.9.

NEIC Event type se. After AEIC.

ISC III 05 12 29 17.3-1.3 51.3N-20 178.52E-06 60-8 4.0b 69 3-81

MOS III 05 12 29 11.8-1.1 50.94N 178.50E 40 4.1b

ISCJB III 05 12 29 14.8-1.3 51.1N-10 178.48E-06 58-8 4.0b

NEIC III 05 12 29 16.4-1.4 51.21N 178.49E 51-10 3.9L,3.8b

BJI III 05 12 29 16.3 51.20N 178.50E 50 4.8b,4.4b

IDC III 05 12 29 18.7-3.1 51.76N 178.40E 45-22 4.4L,3.9

ISC Event type se.

MOS Error ellipse: s-maj=14.6km s-min=9.0km az=106.8.

ISCJB Event type se. Error ellipse: s-maj=23.9km s-min=5.8km az=7.7.

NEIC Event type se. Error ellipse: s-maj=26.2km s-min=7.3km az=181.0.

IDC Error ellipse: s-maj=47.5km s-min=14.2km az=180.0.

ISC III 18 07 33 51.4-67 51.41N-06 178.90E-03 50-5 4.9b,4.8s 291 3-150

MOS III 18 07 33 42.6-61 51.15N 178.77E 0 4.7s,4.7

IDC III 18 07 33 48.4-1.2 51.30N 178.88E 42 5.2b,4.7s

ISCJB III 18 07 33 48.7-73 51.32N-06 178.89E-03 43-5 4.9b,4.8s

HRVD III 18 07 33 51.3-20 51.07N 178.89E 20 5.3W,4.8s

NEIC III 18 07 33 51.3-26 51.27N 178.87E 54 5.0L,5.0b

BJI III 18 07 33 54.5 51.98N 177.94E 53 5.3b,4.9s

ISC Event type se.

IDC Error ellipse: s-maj=20.4km s-min=10.9km az=147.0.

MOS Error ellipse: s-maj=7.6km s-min=6.3km az=100.4.

ISCJB Event type se. Error ellipse: s-maj=10.1km s-min=3.4km az=0.1.

HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s78,c131; Mantle waves: s89,c176; Half duration: 1st Moment tensor: Scale 10¹⁷Nm; M₀0.87±.02 M₀0.93±.02; M₀0.06±.03; M₀0.78±.03; M₀0.15±.01; M₀0.49±.04; Best double couple: NP1:φ₂₇₈0.0000°,δ₂₆0.0000°,λ₁₂₁0.0000°. NP2:φ₆₅0.0000°,δ₆₈0.0000°,λ₇₆0.0000°. Principal axes: T 1.2950,Plg64.0000°,Az_m312.0000°; N 0.0050,Plg13.0000°,Az_m70.0000°; P -1.3010,Plg22.0000°,Az_m165.0000° M₀1.29800×10¹⁷

NEIC Event type se. Error ellipse: s-maj=8.1km s-min=3.5km az=183.0.

ISC III 27 02 23 51.4-4.5 50.9N-10 179.23E-07 7-28 4.0b 31 4-85

IDC III 27 02 23 50.1-96 50.83N 179.27E 0 4.1,4.0L

MOS III 27 02 23 53.9-71 50.96N 179.14E 33 4.7b,4.0L

NEIC III 27 02 23 54.8 51.32N 178.92E 4 4.7b,3.6L

ISCJB III 27 02 23 56.2-1.6 51.0N-10 179.08E-07 52-12 4.0b,3.6L

ISC Event type se.

NEIC Event type se. After AEIC.

ISCJB Event type se.

IDC VI 22 16 05 41.6-1.7 52.92N 176.63E 0 3.8,3.6

ISCJB Event type se. Error ellipse: s-maj=3.9km s-min=1.8km az=8.9.

IDC Error ellipse: s-maj=14.3km s-min=8.8km az=155.0.

MOS Error ellipse: s-maj=7.1km s-min=3.8km az=95.2.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s76,c128; Mantle waves: s113,c369; Half duration: 2nd3 Moment tensor: Scale 10¹⁸Nm; M₀-0.35±.01 M₀0.53±.01; M₀0.88±.01; M₀0.33±.04; M₀0.52±.01; M₀0.40±.04; Best double couple: NP1:φ₃₀₂0.0000°,δ₅₇0.0000°,λ₁₆₁0.0000°. NP2:φ₂₀₁0.0000°,δ₇₅0.0000°,λ₃₅0.0000°. Principal axes: T 1.1130,Plg11.0000°,Az_m255.0000°; N -0.1040,Plg53.0000°,Az_m0.0000°; P -1.0090,Plg35.0000°,Az_m157.0000° M₀1.06100×10¹⁸

NEIC Event type se. Error ellipse: s-maj=3.4km s-min=2.0km az=178.0.

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ISC VI 14 04 55 33.4-3.7 52.0N-10 177.0E-10 33-28 3.9b 15 2-84

IDC VI 14 04 55 28.6-1.1 51.98N 176.90E 0 4.2L,4.1

ISCJB VI 14 04 55 32.7-1.2 52.0N-10 177.0E-10 40-13 3.9b,4.1

NEIC VI 14 04 55 32.2 52.05N 177.13E 15 3.5L,4.1

ISC Event type se.

IDC Error ellipse: s-maj=38.9km s-min=23.7km az=152.0.

ISCJB Event type se. Error ellipse: s-maj=20.7km s-min=10.8km az=25.5.

NEIC Event type se. After AEIC.

ISC VI 14 06 33 50.1-18 51.94N-05 177.12E-03 30 4.8s,4.8b 274 1-149

MOS Error ellipse: s-maj=7.5km s-min=6.8km az=117.5.

NEIC Event type se. Error ellipse: s-maj=7.3km s-min=3.2km az=179.0.

IDC Error ellipse: s-maj=16.0km s-min=10.6km az=156.0.

ISC III 16 04 22 44.3-86 51.50N-08 177.42E-05 59-6 4.5b,3.8s 150 2-149

IDC III 16 04 22 36.2-1.2 51.40N 177.41E 0 4.5,4.4

MOS III 16 04 22 40.9-7.2 51.43N 177.48E 47 4.7b,4.4

BJI III 16 04 22 40.5 51.40N 177.40E 53 4.8b,4.5b

ISCJB III 16 04 22 42.2-93 51.44N-08 177.43E-05 55-7 4.5b,3.8s

NEIC III 16 04 22 43.6-1.1 51.44N 177.37E 54-8 4.4L,4.4b

ISC Event type se.

IDC Error ellipse: s-maj=21.2km s-min=13.3km az=168.0.

MOS Error ellipse: s-maj=11.5km s-min=7.0km az=96.4.

ISCJB Event type se. Error ellipse: s-maj=12.8km s-min=5.0km az=8.6.

NEIC Event type se. Error ellipse: s-maj=13.5km s-min=5.8km az=190.0.

ISC III 23 18 52.7-1.2 51.4N-10 179.39E-07 58-8 4.3b,3.5s 57 4-75

MOS III 23 18 48.6-1.1 51.18N 179.37E 45 4.5b,3.5s

ISCJB III 23 18 50.5-1.3 51.3N-10 179.38E-06 54-9 4.3b,3.5s

IDC III 23 18 50.8-2.8 51.29N 179.39E 42-19 4.3L,4.0

NEIC III 23 18 51.8-1.4 51.28N 179.34E 52-9 4.3b,3.9L

BJI III 23 18 51.8 51.30N 179.30E 42 4.9b,4.3b

ISC Event type se.

MOS Error ellipse: s-maj=18.8km s-min=11.8km az=110.2.

ISCJB Event type se. Error ellipse: s-maj=22.0km s-min=6.7km az=178.6.

IDC Error ellipse: s-maj=37.7km s-min=12.2km az=0.0.

NEIC Event type se. Error ellipse: s-maj=25.7km s-min=6.9km az=183.0.

ISC III 26 21 31 36.9-1.1 51.1N-10 179.56E-07 55-9 4.5b,3.7s 77 4-150

MOS III 26 21 31 29.6-8.0 51.15N 179.37E 0 4.4L,4.2

BJI III 26 21 31 31.7 51.08N 179.23E 25 4.9b,4.5s

MOS III 26 21 31 34.6-1.3 51.09N 179.59E 49 4.7b,4.5s

ISCJB III 26 21 31 35.0-1.3 51.1N-10 179.57E-06 52-9 4.5b,3.7s

NEIC III 26 21 31 35.2-5.3 51.11N 179.47E 35 4.4b,3.8L

ISC Event type se.

IDC Error ellipse: s-maj=24.9km s-min=16.5km az=162.0.

MOS Error ellipse: s-maj=14.4km s-min=8.6km az=100.8.

ISCJB Event type se. Error ellipse: s-maj=17.3km s-min=6.5km az=172.0.

NEIC Event type se. Error ellipse: s-maj=14.7km s-min=5.8km az=169.0.

IDC II 01 14 53 41.0-7.2 52.11N 179.62E 185-113 3.2,3.0

ISCJB Event type se. Error ellipse: s-maj=10.5km s-min=4.5km az=184.0.

ISC IV 08 01 32 56.1-1.5 51.2N-10 179.41E-09 47-13 4.5b,3.7s 79 4-160

MOS IV 08 01 32 52.5-1.1 51.08N 179.37E 33 4.5b,3.7s

IDC IV 08 01 32 52.9-3.2 51.21N 179.37E 19-19 4.7L,4.3

ISCJB IV 08 01 32 54.1-1.6 51.17N-10 179.42E-08 43-13 4.5b,3.7s

ISC III 26 20 16 46.2-3.2 51.23N 179.45E 19-19 4.8L,4.6

IDC III 26 20 16 48.9-2.3 51.28N-06 179.43E-03 50 5.0b,4.4s 325 4-150

ISCJB III 26 20 16 48.3-1.6 51.32N 179.47E 49 5.3b,4.3s

MOS III 26 20 16 48.3 51.44N 179.14E 42 5.2b,5.0b

HRVD III 26 20 16 50.8-30 51.03N 179.39E 21-0 5.1W,5.0b

NEIC III 26 20 16 50.8-33 51.40N 179.39E 52 5.0b,4.5L

ISC Event type se.

IDC Error ellipse: s-maj=18.4km s-min=10.5km az=166.0.

ISCJB Event type se. Error ellipse: s-maj=7.9km s-min=2.8km az=177.0.

MOS Error ellipse: s-maj=9.9km s-min=5.3km az=98.4.

HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s67,c103; Mantle waves: s76,c136; Half duration: 0 Moment tensor: Scale 10¹⁶Nm; M₀4.23±.17 M₀4.00±.12; M₀0.23±.10; M₀0.33±.03; M₀0.82±.08; M₀1.21±.20; Best double couple: NP1:φ₂₆₄0.0000°,δ₂₇0.0000°,λ₁₀₁0.0000°. NP2:φ₇₂0.0000°,δ₆₄0.0000°,λ₈₅0.0000°. Principal axes: T 5.3710,Plg71.0000°,Az_m331.0000°; N -0.1080,Plg5.0000°,Az_m75.0000°; P -5.2640,Plg19.0000°,Az_m166.0000° M₀5.31800×10¹⁶

NEIC Event type se. Error ellipse: s-maj=10.9km s-min=4.3km az=182.0.

IDC VI 29 17 20 57.1-8.4 51.65N 177.29E 0 3.8,3.6b

ISCJB Event type se. Error ellipse: s-maj=263.9km s-min=40.5km az=69.0.

IDC VI 14 04 29 43.4-4.4 52.0N-10 177.1E-10 20-28 4.1b 14 2-145

ISC VI 14 04 29 40.8-1.0 52.06N 176.97E 0 4.2,4.1b

ISCJB VI 14 04 29 43.3-3.3 52.1N-10 177.1E-10 29-25 4.1b,4.1b

NEIC VI 14 04 29 43.1 51.95N 176.95E 24 3.8L,4.1b

ISC Event type se.

IDC Error ellipse: s-maj=34.9km s-min=21.6km az=149.0.

ISCJB Event type se. Error ellipse: s-maj=21.5km s-min=7.8km az=38.0.

NEIC Event type se. After AEIC.

ISC VI 14 04 33 38.2-5.4 51.9N-70 176.4E-20 61-27 3.9b 8 2-145

NEIC VI 14 04 33 31.4-1.4 51.68N 176.32E 10 4.2b

IDC VI 14 04 33 31.4-3.4 52.06N 176.29E 0 4.1,3.8b

ISC VI 14 04 33 37.8-5.5 51.9N-70 176.3E-20 75-27 3.9b,3.8b

ISC Event type se.

NEIC Event type se.

ISCJB Event type se.

ISC VI 14 04 46 42.7-12 52.03N-03 177.09E-02 30 5.9s,5.5b 873 2-161

BJI VI 14 04 46 39.1 52.26N 176.95E 20 6.4b,6.2s

ISCJB VI 14 04 46 40.9-12 51.97N-03 177.12E-02 29 5.9s,5.5b

IDC VI 14 04 46 41.7-1.6 52.04N 177.09E 23-9 5.8s,5.8

MOS VI 14 04 46 41.6-94 51.98N 177.10E 33 5.8s,5.7b

HRVD VI 14 04 46 42.4-10 51.97N 177.13E 15-0 6.0W,5.7b

NEIC VI 14 04 46 42.4-11 51.95N 177.13E 29 5.7L,5.5b

SZGRF VI 14 04 46 43.4 52.09N 176.47E 36 5.6b,5.5b

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=3.9km s-min=1.8km az=8.9.

IDC Error ellipse: s-maj=14.3km s-min=8.8km az=155.0.

MOS Error ellipse: s-maj=7.1km s-min=3.8km az=95.2.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s76,c128; Mantle waves: s113,c369; Half duration: 2nd3 Moment tensor: Scale 10¹⁸Nm; M₀-0.35±.01 M₀0.53±.01; M₀0.88±.01; M₀0.33±.04; M₀0.52±.01; M₀0.40±.04; Best double couple: NP1:φ₃₀₂0.0000°,δ₅₇0.0000°,λ₁₆₁0.0000°. NP2:φ₂₀₁0.0000°,δ₇₅0.0000°,λ₃₅0.0000°. Principal axes: T 1.1130,Plg11.0000°,Az_m255.0000°; N -0.1040,Plg53.0000°,Az_m0.0000°; P -1.0090,Plg35.0000°,Az_m157.0000° M₀1.06100×10¹⁸

NEIC Event type se. Error ellipse: s-maj=3.4km s-min=2.0km az=178.0.

SZGRF Rat Islands, Aleutian Islands, United States.

ISC VI 14 04 55 33.4-3.7 52.0N-10 177.0E-10 33-28 3.9b 15 2-84

IDC VI 14 04 55 28.6-1.1 51.98N 176.90E 0 4.2L,4.1

ISCJB VI 14 04 55 32.7-1.2 52.0N-10 177.0E-10 40-13 3.9b,4.1

NEIC VI 14 04 55 32.2 52.05N 177.13E 15 3.5L,4.1

ISC Event type se.

IDC Error ellipse: s-maj=38.9km s-min=23.7km az=152.0.

ISCJB Event type se. Error ellipse: s-maj=20.7km s-min=10.8km az=25.5.

NEIC Event type se. After AEIC.

ISC VI 14 06 33 50.1-18 51.94N-05 177.12E-03 30 4.8s,4.8b 274 1-149

ISC	I	29 04 39 59.7-3.1	53.4N-10	165.4W-20	22-27	3.2b	13	1-50
ISCJB	I	29 04 40 00.2-1.6	53.5N-10	165.5W-20	44-23	3.2b	19487389	
NEIC	I	29 04 40 00.6	53.45N	165.52W	10	3.2L		
IDC	I	29 04 40 08.5-9.6	53.74N	164.65W	69-68	3.4L,3.4		
ISC	Event type se.							
ISCJB	Error ellipse: s-maj=25.4km s-min=13.0km az=121.1.							
NEIC	Event type se. After AEIC.							
IDC	Error ellipse: s-maj=82.0km s-min=69.5km az=121.0.							
ISC	I	29 08 08 27.8-85	53.6N-20	167.4W-20	4-7	3.5s,3.4b	20	1-64
ISCJB	I	29 08 08 27.1-92	53.6N-20	167.3W-20	10-7	3.5s,3.4b	19487437	
IDC	I	29 08 08 28.1-1.4	53.68N	167.14W	0	3.8,3.7		
NEIC	I	29 08 08 29.2	53.58N	167.23W	5	3.8b,3.4L		
ISC	Event type se.							
ISCJB	Error ellipse: s-maj=31.6km s-min=5.7km az=119.8.							
IDC	Error ellipse: s-maj=30.1km s-min=22.8km az=175.0.							
NEIC	Event type se. After AEIC.							
ISC	I	03 20 19 50.7-92	52.9N-10	170.0W-10	65-8	3.6b	20	1-53
IDC	I	03 20 19 46.7-1.2	52.52N	169.18W	0	4.2,3.9	18317973	
ISCJB	I	03 20 19 49.9-91	52.9N-20	170.0W-10	71-8	3.7b,3.9		
NEIC	I	03 20 19 50.7-92	52.91N	170.11W	69-9	3.6L,3.9		
ISC	Event type se.							
IDC	Error ellipse: s-maj=36.5km s-min=14.6km az=174.0.							
ISCJB	Event type se. Error ellipse: s-maj=27.1km s-min=10.3km az=131.3.							
NEIC	Event type se. Error ellipse: s-maj=24.9km s-min=11.0km az=157.0.							
ISC	I	03 10 53 06.4-15	51.58N-03	168.13W-03	17	5.4b,4.6s	657	1-158
BJI	I	03 10 53 03.4	51.52N	168.52W	9	5.5b,5.4b	17997756	
ISCJB	I	03 10 53 04.7-16	51.48N-03	168.15W-03	16	5.4b,4.6s		
CSEM	I	03 10 53 04.8	51.77N	167.88W	8	5.6b,4.6s		
NEIC	I	03 10 53 04.8-17	51.45N	168.12W	10	5.5b,4.7s		
HRVD	I	03 10 53 04.8-20	51.45N	168.19W	12	5.3W,4.7s		
MOS	I	03 10 53 06.7-1.1	51.40N	168.19W	33	5.7b,4.7s		
IDC	I	03 10 53 07.6-3.0	51.43N	168.15W	28-20	5.2,5.2		
SZGRF	I	03 10 53 09.7	51.81N	167.85W	33	5.5b,4.8s		
ISC	Event type se.							
ISCJB	Error ellipse: s-maj=4.4km s-min=2.7km az=10.0.							
NEIC	Event type se. Error ellipse: s-maj=5.0km s-min=2.8km az=192.0.							
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.							
LP body waves: s48,c81; Mantle waves: s78,c164; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} -0.99±0.02 M _{θθ} 0.98±0.02; M _{φφ} 0.00±0.02; M _{rr} -0.59±0.05; M _{θθ} 0.30±0.01; M _{φφ} 1.13±0.06; Best double couple: NP1:φ=240.00000°; λ=114.00000°; NP2:φ=88.00000°; λ=86.00000°; λ=75.00000°. Principal axes: T 1.1980,Plg14.0000°; Azm167.0000°; N -0.0090,Plg13.0000°; Azm261.0000°; P -1.1890,Plg71.0000°; Azm32.0000°; M ₁ 1.9300×10 ¹⁷								
MOS	Error ellipse: s-maj=7.7km s-min=4.7km az=98.3.							
IDC	Error ellipse: s-maj=13.8km s-min=8.7km az=168.0.							
SZGRF	Fox Islands, Aleutian Islands, United States.							
ISC	V	17 10 55 01.4-1.4	52.3N-30	171.0W-10	45-10	3.8b	21	1-90
NEIC	V	17 10 54 58.9	51.81N	170.75W	20	3.4L	19131640	
ISCJB	V	17 10 55 00.3-1.6	52.2N-30	170.9W-10	51-10	3.8b		
IDC	V	17 10 55 00.5-1.7	53.01N	170.84W	0	4.1,4.0		
ISC	Event type se.							
NEIC	Event type se. After AEIC.							
ISCJB	Error ellipse: s-maj=44.4km s-min=7.1km az=152.7.							
IDC	Error ellipse: s-maj=48.8km s-min=16.4km az=163.0.							
ISC	VI	21 13 35 38.4-76	52.85N-09	168.19W-07	52-6	5.0s,4.2b	42	0-88
IDC	VI	21 13 35 29.6-1.6	53.14N	168.76W	0	4.2,4.1L	18495718	
BJI	VI	21 13 35 30.0	52.60N	168.00W	10	5.1b,4.7s		
NEIC	VI	21 13 35 34.8-73	52.65N	168.00W	10	4.3b,4.1L		
ISCJB	VI	21 13 35 37.1-73	52.85N-09	168.21W-07	59-5	5.0s,4.2b		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	VI	25 03 22 43.9-54	54.52N-08	169.3W-10	284-4	3.5b	48	1-65
IDC	VI	25 03 22 42.6-8.4	54.57N	169.35W	263-63	4.0,3.6	19222590	
ISCJB	VI	25 03 22 43.2-53	54.51N-08	169.3W-10	289-4	3.5b,3.6		
NEIC	VI	25 03 22 44.0-27	54.48N	169.30W	284-2	3.7b,3.6		
ISC	Event type se.							
IDC	Error ellipse: s-maj=66.8km s-min=22.9km az=41.0.							
ISCJB	Error ellipse: s-maj=12.9km s-min=10.0km az=135.3.							
NEIC	Event type se. Error ellipse: s-maj=6.2km s-min=4.8km az=162.0.							
NEIC	VI	03 23 00 36.3	53.43N	165.76W	22	2.7L	10665547	
ISC	Event type se. After AEIC.							
ISC	VI	27 17 16 55.6-1.3	52.37N-07	169.22W-06	27-7	4.6b,3.9s	245	1-90
IDC	VI	27 17 16 51.1-75	52.37N	169.29W	0	4.5,4.4L	10699127	
HRVD	VI	27 17 16 52.4-70	52.22N	169.00W	32-1	4.8W,4.4		
NEIC	VI	27 17 16 52.4-31	52.20N	169.13W	10	4.7b,4.0L		
BJI	VI	27 17 16 53.9	53.06N	169.28W	16	5.0b,4.8b		
ISCJB	VI	27 17 16 53.9-1.3	52.31N-07	169.25W-06	26-7	4.6b,3.9s		
SZGRF	VI	27 17 16 55.0	51.68N	169.60W	33	4.7b,3.9s		
MOS	VI	27 17 16 58.7-82	52.97N	169.86W	33	5.2b,3.9s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=24.0km s-min=13.3km az=172.0.							
HRVD	Error ellipse: s-maj=7.8km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.							
LP body waves: s17,c20; Mantle waves: s37,c39; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} 1.63±16 M _{θθ} -1.27±12; M _{φφ} -0.35±12; M _{rr} 0.82±12; M _{θθ} 0.50±0.6; M _{φφ} 0.07±12; Best double couple: NP1:φ=239.00000°; λ=82.00000°; λ=77.00000°; NP2:φ=74.00000°; λ=89.00000°; λ=98.00000°. Principal axes: T 1.8490,Plg75.0000°; Azm6.0000°; N -0.1660,Plg7.0000°; Azm250.0000°; P -1.6790,Plg13.0000°; Azm159.0000°; M ₁ 1.76400×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=7.8km s-min=4.6km az=158.0.							
ISCJB	Event type se. Error ellipse: s-maj=11.8km s-min=5.7km az=150.7.							
SZGRF	Fox Islands, Aleutian Islands, United States.							
MOS	Error ellipse: s-maj=19.9km s-min=6.1km az=94.3.							
ISC	VI	02 09 53 28.9-79	52.91N-07	166.86W-06	46-6	4.3b,3.6s	73	1-151
IDC	VI	02 09 53 22.4-75	52.92N	167.00W	0	4.2,4.2	18747003	
BJI	VI	02 09 53 25.2	52.90N	166.90W	44	4.7b,4.6b		
ISCJB	VI	02 09 53 27.3-88	52.86N-07	166.83W-06	46-6	4.3b,3.6s		
NEIC	VI	02 09 53 28.9-70	52.93N	166.91W	45-5	4.4b,3.8L		
ISC	Event type se.							
IDC	Error ellipse: s-maj=22.1km s-min=14.0km az=165.0.							
ISCJB	Event type se. Error ellipse: s-maj=12.5km s-min=5.2km az=142.3.							
NEIC	Event type se. Error ellipse: s-maj=10.8km s-min=4.4km az=166.0.							
ISC	IV	06 17 50 29.3-3.2	52.6N-10	166.92W-10	28-22	4.0b	29	1-86
IDC	IV	06 17 50 25.6-1.4	52.64N	166.93W	0	4.0,3.9b	18320122	
NEIC	IV	06 17 50 27.8-3.7	52.56N	166.84W	19-22	4.1b,3.9b		
ISCJB	IV	06 17 50 28.1-1.6	52.5N-10	166.9W-10	35-11	4.0b,3.9b		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
(10) Unimak Island region.								
ISC	IV	28 17 06 39.7-2.1	53.4N-10	163.38W-07	33-14	4.2b,3.5s	54	2-86
BJI	IV	28 17 06 35.1	53.61N	163.81W	6	4.7b,4.7b	10698154	
IDC	IV	28 17 06 35.9-1.7	53.64N	163.24W	0	4.1,4.0b		
ISCJB	IV	28 17 06 38.8-1.3	53.5N-10	163.33W-08	39-7	4.2b,3.5s		
NEIC	IV	28 17 06 40.2	53.52N	163.49W	7	4.0b,3.5L		
MOS	IV	28 17 06 40.3-1.1	53.72N	163.71W	33	4.5b,3.6s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=39.8km s-min=17.8km az=170.0.							
ISCJB	Event type se. Error ellipse: s-maj=20.9km s-min=7.3km az=171.3.							
NEIC	Event type se. After AEIC.							
MOS	Error ellipse: s-maj=25.9km s-min=10.0km az=100.6.							
ISC	IV	29 04 05 55.2-3.0	53.6N-20	163.3W-10	47-13	3.9b	16	2-65
IDC	IV	29 04 05 52.3-3.3	53.90N	163.78W	0	3.9,3.8	19598182	
ISCJB	IV	29 04 05 53.9-2.2	53.6N-20	163.3W-10	52-13	3.9b,3.8		
NEIC	IV	29 04 05 54.2	53.52N	163.42W	8	3.4L,3.8		
ISC	Event type se.							
IDC	Error ellipse: s-maj=76.7km s-min=17.6km az=162.0.							

ISCJB	Event type se. Error ellipse: s-maj=39.8km s-min=9.7km az=161.2.							
NEIC	Event type se. After AEIC.							
ISC	IV	29 18 26 13.8-54	53.19N-06	164.61W-06	9	4.4b	32	1-85
IDC	IV	29 18 26 11.4-1.2	53.20N	165.01W	0	4.7,4.7s	19598208	
ISCJB	IV	29 18 26 12.2-54	53.11N-06	164.57W-06	9	4.4b,4.7s		
NEIC	IV	29 18 26 15.1	53.14N	164.65W	9	4.3b,3.5L		
ISC	Event type se.							
IDC	Error ellipse: s-maj=30.4km s-min=16.6km az=179.0.							
ISCJB	Event type se. Error ellipse: s-maj=8.5km s-min=5.0km az=29.8.							
NEIC	Event type se. After AEIC.							
ISC	III	17 09 01 33.4-95	54.5N-30	164.2W-20	38-14	4.0b	18	1-85
IDC	III	17 09 01 24.1-3.4	53.77N	164.24W	0	3.9b,3.9	10605250	
NEIC	III	17 09 01 30.9	53.75N	164.01W	16	3.5L,3.9		
ISCJB	III	17 09 01 32.3-96	54.6N-30	164.2W-30	36-20	4.0b,3.9		
ISC	Event type se.							
NEIC	Event type se. After AEIC.							
ISCJB	Event type se.							
ISC	III	11 05 56 28.1-1.8	53.6N-20	163.6W-10	43-12	3.8b	17	1-76
NEIC	III	11 05 56 25.2	53.46N	163.68W	6	3.3L	10601656	
ISCJB	III	11 05 56 26.2-1.9	53.6N-20	163.5W-10	44-13	3.8b		
IDC	III	11 05 56 33.5-5.1	54.33N	163.98W	51-31	3.6L,3.6		
ISC	Event type se.							
NEIC	Event type se. After AEIC.							
ISCJB	Event type se. Error ellipse: s-maj=35.1km s-min=11.4km az=153.7.							
IDC	Error ellipse: s-maj=101.4km s-min=23.2km az=166.0.							
ISC	III	28 16 23 24.8-24	53.96N-05	164.02W-04	33	4.9b,4.0s	309	1-154
IDC	III	28 16 23 19.4-52	53.87N	164.18W	0	4.7,4.7	10612411	
BJI	III	28 16 23 20.7	54.12N	164.33W	15	5.0b,5.0b		
ISCJB	III	28 16 23 23.0-23	53.92N-04	163.98W-04	31	4.9b,4.0s		
MOS	III	28 16 23 23.6-96	53.97N	163.99W	34	5.2b,4.0s		
SZGRF	III	28 16 23 24.5	53.55N	164.76W	33	5.0b,4.0s		
HRVD	III	28 16 23 24.8-90	53.72N	164.01W	34-1	4.8W,4.0s		
NEIC	III	28 16 23 24.8-20	53.91N	164.02W	33	5.0b,4.7L		
ISC	Event type se.							
IDC	Error ellipse: s-maj=15.2km s-min=10.5km az=161.0.							
ISCJB	Event type							

IDC	V	02 14 30 26.2--82	53.88N	163.44W	0	4.1,4.1			
ISC	V	02 14 30 28.6--84	53.73N--09	163.42W--06	36-6	4.4b,3.9s			
NEIC	V	02 14 30 28.4--2.6	53.75N	163.46W	20-16	4.6b,4.1L			
MOS	V	02 14 30 31.0--97	54.21N	163.57W	33	4.7b,4.1L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=22.4km s-min=11.7km az=169.0.								
ISC	Event type se. Error ellipse: s-maj=15.8km s-min=5.5km az=155.9.								
NEIC	Event type se. Error ellipse: s-maj=15.6km s-min=5.7km az=165.0.								
MOS	Error ellipse: s-maj=22.4km s-min=8.8km az=96.2.								
ISC	V	11 22 05 42.8--85	53.9N--10	164.01W--07	44-5	4.3b,3.1s	102	1-86	
IDC	V	11 22 05 42.8--85	53.84N	164.15W	0	4.1,4.0			18647790
BJI	V	11 22 05 43.4	53.70N	164.00W	20	4.7b,4.4b			
MOS	V	11 22 05 45.9--86	54.46N	164.37W	10	4.6b,4.4b			
ISC	V	11 22 05 47.9--90	53.85N--10	164.01W--07	47-5	4.3b,3.1s			
NEIC	V	11 22 05 48.4	53.74N	164.00W	20	4.4b,3.8L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=58.1km s-min=18.7km az=164.0.								
MOS	Error ellipse: s-maj=24.8km s-min=8.9km az=90.8.								
ISC	Event type se. Error ellipse: s-maj=17.2km s-min=5.6km az=147.7.								
NEIC	Event type se. After AEIC.								
ISC	V	18 16 52 36.4--2.3	53.41N--10	163.32W--08	23-20	3.7b	20	1-86	
IDC	V	18 16 52 35.8-1.3	53.33N--10	163.25W--10	38-11	3.7b			19131690
IDC	V	18 16 52 35.6-3.5	53.80N	163.85W	0	3.8,3.7b			
NEIC	V	18 16 52 36.8	53.42N	163.33W	22	3.2L,3.7b			
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=16.8km s-min=8.6km az=143.2.								
IDC	Error ellipse: s-maj=83.5km s-min=16.7km az=160.0.								
NEIC	Event type se. After AEIC.								
ISC	V	22 23 57 03.3--34	53.96N--06	163.95W--05	42	4.8b,3.8s	177	1-150	
IDC	V	22 23 56 57.6--96	53.98N	164.13W	0	4.5b,4.5			10698581
BJI	V	22 23 57 00.4	53.41N	164.71W	41	5.0b,5.0b			
MOS	V	22 23 57 01.3--90	54.09N	164.08W	34	5.1b,5.0b			
ISC	V	22 23 57 02.0--37	54.03N--06	163.91W--05	40	4.8b,3.8s			
NEIC	V	22 23 57 03.8--31	54.05N	164.06W	43	4.9b,4.2L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=28.5km s-min=12.5km az=154.0.								
MOS	Error ellipse: s-maj=14.5km s-min=6.1km az=85.0.								
ISC	Event type se. Error ellipse: s-maj=9.7km s-min=3.5km az=146.9.								
NEIC	Event type se. Error ellipse: s-maj=8.9km s-min=3.9km az=158.0.								
ISC	I	22 13 01 29.7-1.4	54.4N--20	164.4W--20	23-12	3.8b	21	1-85	
IDC	I	22 13 01 28.8-1.2	54.13N	163.74W	0	3.9,3.7b			19484872
ISC	I	22 13 01 29.8--73	54.4N--20	164.5W--20	39-11	3.8b,3.7b			
NEIC	I	22 13 01 29.8	54.07N	164.20W	16	3.8L,3.7b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=27.0km s-min=19.4km az=4.0.								
ISC	Event type se. Error ellipse: s-maj=29.7km s-min=6.8km az=123.8.								
NEIC	Event type se. After AEIC.								
ISC	V	18 03 31 29.9-2.0	53.29N--09	164.19W--07	31-16	4.1b	33	1-86	
IDC	V	18 03 31 27.4-1.5	53.58N	164.50W	0	4.1b,4.1			19131676
ISC	V	18 03 31 28.6-1.2	53.23N--09	164.15W--08	36-9	4.0b,4.1			
NEIC	V	18 03 31 29.8	53.29N	164.20W	11	3.7b,3.6L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=38.0km s-min=15.1km az=167.0.								
ISC	Event type se. Error ellipse: s-maj=16.2km s-min=7.4km az=153.7.								
NEIC	Event type se. After AEIC.								
NEIC	VI	26 05 24 46.9	53.96N	164.33W	60	3.5L			10665669
NEIC	VI	20 03 28 28.9	54.83N	163.42W	104	2.9			10665641
NEIC	VI	18 13 50 29.0	53.65N	163.63W	10	2.5L			10665629
NEIC	IV	21 11 37 48.4--55	53.27N--08	164.51W--07	35	4.2b	37	1-154	
IDC	IV	21 11 37 43.9-1.0	53.37N	164.77W	0	4.1,4.1			18480346
ISC	IV	21 11 37 46.5--54	53.17N--08	164.50W--07	33	4.1b,4.1			
NEIC	IV	21 11 37 47.0	53.09N	164.55W	20	3.8L,4.1			
ISC	Event type se.								
IDC	Error ellipse: s-maj=27.1km s-min=13.1km az=168.0.								
ISC	Event type se. Error ellipse: s-maj=11.3km s-min=6.2km az=10.7.								
NEIC	Event type se. After AEIC.								
ISC	IV	04 10 54 26.7--51	54.75N--09	164.7W--10	10	3.7b	24	1-69	
ISC	IV	04 10 54 25.8--50	54.84N--08	164.8W--10	10	3.7b			19594235
NEIC	IV	04 10 54 25.1	53.75N	164.30W	7	3.8L			
IDC	IV	04 10 54 27.2--2.8	55.02N	164.78W	0	3.8b,3.8			
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=15.5km s-min=5.0km az=86.6.								
NEIC	Event type se. After AEIC.								
IDC	Error ellipse: s-maj=65.7km s-min=17.3km az=168.0.								
IDC	IV	01 15 04 31.2--4.0	(12 Alaska Peninsula, United States) 54.36N	162.28W	0	3.8,3.7L			19594023
IDC	Error ellipse: s-maj=72.5km s-min=40.8km az=166.0.								
ISC	IV	28 16 28 20.1-1.3	54.5N--20	161.5W--20	51-8	4.0b,2.9s	28	1-85	
IDC	IV	28 16 28 10.9-2.2	53.97N	161.64W	0	4.0b,4.0			19598154
NEIC	IV	28 16 28 18.2	54.34N	161.45W	5	3.6L,3.5b			
ISC	IV	28 16 28 19.2-1.2	54.7N--20	161.6W--20	46-10	4.0b,2.9s			
ISC	Event type se.								
NEIC	Event type se. After AEIC.								
ISC	IV	28 09 00 14.7--19	56.81N--04	159.64W--04	149	4.5b	320	2-162	
SZGRF	IV	28 08 59 59.4	56.07N	159.27W	33	4.8b			10698142
BJI	IV	28 09 00 11.0	57.28N	159.76W	121	4.9b,4.8b			
MOS	IV	28 09 00 12.5--78	56.75N	159.68W	142	4.5b,4.8b			
ISC	IV	28 09 00 13.1--18	56.73N--03	159.68W--04	147	4.5b,4.8b			
NEIC	IV	28 09 00 14.5--18	56.74N	159.64W	146	4.5b,4.8b			
IDC	IV	28 09 00 14.4--66	56.76N	159.64W	150-5	4.6,4.2			
ISC	Event type se.								
SZGRF	Alaska Peninsula, United States.								
MOS	Error ellipse: s-maj=11.1km s-min=4.8km az=88.9.								
ISC	Event type se. Error ellipse: s-maj=4.5km s-min=3.2km az=174.5.								
NEIC	Event type se. Error ellipse: s-maj=4.3km s-min=3.1km az=11.0.								
IDC	Error ellipse: s-maj=13.5km s-min=8.6km az=176.0.								
ISC	III	14 22 00 22.5--69	58.48N--08	156.4W--20	197-11	3.4b	19	2-54	
ISC	III	14 22 00 21.6--68	58.48N--08	156.4W--20	200-11	3.4b			10603832
IDC	III	14 22 00 22.3--1.9	58.81N	156.48W	168-26	3.9,3.5			
NEIC	III	14 22 00 24.5	58.49N	156.47W	186	3.2,3.5			
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=15.3km s-min=10.6km az=91.4.								
IDC	Error ellipse: s-maj=29.7km s-min=21.0km az=108.0.								
NEIC	Event type se. After AEIC.								
ISC	III	20 21 52 55.9--89	55.00N--09	159.32W--09	43-5	4.5b,4.0s	157	1-93	
BJI	III	20 21 52 48.4	54.80N	159.10W	4	4.9b,4.7b			10607491
IDC	III	20 21 52 49.5-1.1	54.94N	159.37W	0	4.5,4.4			
ISC	III	20 21 52 52.8-1.6	55.07N--09	159.38W--09	25-9	4.5b,4.0s			
NEIC	III	20 21 52 53.5	54.84N	159.13W	4	4.7b,4.1L			
MOS	III	20 21 52 53.1--63	55.54N	159.77W	10	4.9b,4.1L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=31.0km s-min=13.6km az=159.0.								
ISC	Event type se. Error ellipse: s-maj=16.5km s-min=5.9km az=128.1.								
NEIC	Event type se. After AEIC.								
MOS	Error ellipse: s-maj=17.0km s-min=5.8km az=83.9.								
ISC	III	19 04 08 52.2--59	58.72N--06	155.0W--10	139-7	4.0b	39	2-65	
ISC	III	19 04 08 51.0--61	58.71N--06	155.1W--10	143-7	4.0b			10606328
IDC	III	19 04 08 51.1-1.4	58.90N	155.09W	117-20	4.4,4.0			
NEIC	III	19 04 08 54.3	58.75N	155.13W	131	4.2b,4.0			
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=9.7km s-min=9.0km az=68.0.								
IDC	Error ellipse: s-maj=20.9km s-min=16.5km az=120.0.								

NEIC	Event type se. After AEIC.								
ISC	III	22 19 52 08.3--75	58.82N--06	155.2W--10	151-7	4.1b	43	2-69	
BJI	III	22 19 52 04.7	58.60N	155.20W	150	4.8b,4.7b			10608682
ISC	III	22 19 52 08.0--77	58.85N--06	155.1W--10	162-7	4.1b,4.7b			
NEIC	III	22 19 52 08.8	58.63N	155.18W	150	3.5,4.7b			
IDC	III	22 19 52 09.1-3.4	59.02N	155.32W	159-28	3.8,3.5			
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=10.2km s-min=9.9km az=4.7.								
NEIC	Event type se. After AEIC.								
IDC	Error ellipse: s-maj=30.8km s-min=16.8km az=26.0.								
ISC	III	03 04 18 53.6-1.8	54.2N--20	161.3W--20	44-9	4.0b,3.4s	28	1-86	
IDC	III	03 04 18 47.6-2.8	54.14N	161.66W	0	4.0b,3.9			10596314
ISC	III	03 04 18 53.0-1.8	54.3N--20	161.4W--20	47-9	4.0b,3.4s			
NEIC	III	03 04 18 54.2-1.3	54.22N	161.38W	46-7	4.2b,3.4s			
MOS	III	03 04 18 56.8-7.1	55.10N	161.85W	39	4.5b,3.4s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=69.3km s-min=21.6km az=158.0.								
ISC	Event type se. Error ellipse: s-maj=35.1km s-min=10.7km az=125.3.								
NEIC	Event type se. Error ellipse: s-maj=23.3km s-min=7.4km az=154.0.								
MOS	Error ellipse: s-maj=41.8km s-min=15.2km az=83.3.								
ISC	III	25 09 38 10.1--56	58.88N--05	156.36W--09	186-5	3.8b	60	2-72	
ISC	III	25 09 38 08.8-56	58.85N--05	156.45W--10	189-5	3.8b			10610208
IDC	III	25 09 38 08.9-1.3	59.02N	156.20W	165-11	4.0,3.7			
NEIC	III	25 09 38 10.8	58.76N	156.42W	192	4.2b,3.7			
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=9.4km s-min=7.5km az=114.2.								
IDC	Error ellipse: s-maj=16.9km s-min=13.1km az=42.0.								
NEIC	Event type se. After AEIC.								
ISC	III	07 19 26 44.9-2.5	55.0N--10	159.8W--10	34-14	3.1b	16	1-74	
IDC	III	07 19 26 38.1-2.5	54.44N	159.93W	0	3.4,3.4s			10599239
ISC	III	07 19 26 42.4-1.5	55.0N--10	159.7W--10	34-16	3.1b,3.4s			
NEIC	III	07 19 26 48.3	55.07N	160.04W	23	3.4L,3.4s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=57.3km s-min=25.8km az=149.0.								
ISC	Event type se. Error ellipse: s-maj=20.0km s-min=7.6km az=127.8.								
NEIC	Event type se. After AEIC.								
ISC	III	29 23 02 45.2-1.6	54.7N--20	160.7W--20	81-7	3.6b	23	1-75	
IDC	III	29 23 02 32.9-3.1	54.24N	161.31W	0	3.9L,3.9			10613129
ISC	III	29 23 02 44.1-1.6	54.7N--20	160.7W--20	86-7	3.6b,3.9			
NEIC	III	29 23 02 45.1-1.6	54.72N	160.75W	76-9	3.5b,3.9			
ISC	Event type se.								
IDC	Error ellipse: s-maj=70.0km s-min=24.1km az=164.0.								
ISC	Event type se. Error ellipse: s-maj=33.1km s-min=12.5km az=133.4.								
NEIC	Event type se. Error ellipse: s-maj=32.9km s-min=11.3km az=158.0.								
ISC	VI	27 15 12 38.7--29	54.61N--05	160.90W--05	33	4.7b,4.3s	172	1-150	
MOS	VI	27 15 12 33.0--99	54.49N	161.12W	10	5.1b,4.3s			10699126
NEIC	VI	27 15 12 35.8	54.41N	160.77W	4	4.7b,4.3L			
ISC	VI	27 15 12 36.7--29	54.57N--05	160.91W--05	31	4.7b,4.3s			
BJI	VI	27 15 12 37.9	55.09N	161.60W	24	5.0b,4.8b			
SZGRF	VI	27 15 12 39.5	54.30N	159.60W	33	4.7b,4.8b			
IDC	VI	27 15 12 39.0--95	54.75N	160.88W	30-4				

NEIC	III	30 03 48 06.5	59.56N	145.80W	9	3.7L,3.4L			
ISC		Event type se.							
IDC		Error ellipse: s-maj=19.8km s-min=16.3km az=13.0.							
ISCJB		Event type se. Error ellipse: s-maj=8.2km s-min=5.7km az=115.9.							
NEIC		Event type se. After AEIC.							
ISC	V	25 16 49 23.0-44	57.96N-05	142.96W-06	15	3.7b	50	2-72	
ISCJB	V	25 16 49 21.0-46	57.95N-05	142.92W-06	15	3.7b		18495090	
IDC	V	25 16 49 25.3-1.8	58.26N	143.14W	0	3.8,3.6			
PGC	V	25 16 49 26.2	58.01N	142.83W	10	3.5,3.6			
NEIC	V	25 16 49 27.3	58.18N	143.15W	15	3.3L,3.6			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=7.4km s-min=3.8km az=53.4.							
IDC		Error ellipse: s-maj=31.2km s-min=18.1km az=17.0.							
PGC		Event type ke. Error ellipse: s-maj=3.3km s-min=7.7km az=-1.0. 240km southwest of Yakutat, Ak Gulf of Alaska.							
NEIC		Event type se. After AEIC.							
ISC	VI	20 02 52 39.3-1.4	59.25N-05	146.10W-08	16-8	3.9b	39	0-81	
BJI	VI	20 02 52 33.6	59.20N	146.10W	13	4.8b,4.5b		18750578	
ISCJB	VI	20 02 52 37.1-1.3	59.19N-05	146.05W-08	15-8	3.9b,4.5b			
IDC	VI	20 02 52 38.0-88	59.44N	146.08W	0	4.1,4.0b			
NEIC	VI	20 02 52 39.7	59.20N	146.05W	14	3.7L,4.0b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=8.6km s-min=6.5km az=28.0.							
IDC		Error ellipse: s-maj=22.2km s-min=14.6km az=22.0.							
NEIC		Event type se. After AEIC.							
ISC	VI	25 21 37 54.8-1.7	58.26N-04	147.98W-07	13-12	4.0b,3.2s	63	1-78	
BJI	VI	25 21 37 50.9	58.10N	148.00W	8	4.8b,4.6b		18750744	
ISCJB	VI	25 21 37 52.1-1.4	58.22N-04	147.98W-07	7-10	4.0b,3.2s			
IDC	VI	25 21 37 53.4-99	58.26N	148.04W	0	4.0,3.9			
NEIC	VI	25 21 37 57.9	58.15N	147.99W	9	4.3b,4.1L			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=6.3km s-min=6.0km az=169.4.							
IDC		Error ellipse: s-maj=25.6km s-min=14.5km az=19.0.							
NEIC		Event type se. After AEIC.							
NEIC	VI	03 15 07 20.1	58.10N	145.83W	12	3.7L,3.4L		110665543	

(16) South of Aleutian Islands.

IDC	II	06 07 07 18.4-1.7	49.97N	179.52W	0	3.9,3.8			
IDC		Error ellipse: s-maj=44.1km s-min=11.8km az=17.0.							
KRSC	V	09 07 04 08.1-80	52.97N	169.50E	19-16	4.2L			
KRSC		Event type se.							
NEIC	V	27 21 16 49.7	51.83N	166.22W	47	2.5L		110665509	
NEIC		Event type se. After AEIC.							

(17) South of Alaska.

ISC	VI	01 23 16 33.0-2.0	53.66N-07	162.83W-07	31-16	3.8b	35	1-86		
IDC	VI	01 23 16 27.3-1.8	53.51N	162.99W	0	4.0,3.9b		19221287		
ISCJB	VI	01 23 16 31.5-1.9	53.61N-07	162.79W-07	32-15	3.8b,3.9b				
NEIC	VI	01 23 16 31.8	53.57N	162.77W	10	3.6L,3.9b				
ISC		Event type se.								
IDC		Error ellipse: s-maj=43.4km s-min=21.1km az=177.0.								
ISCJB		Event type se. Error ellipse: s-maj=11.4km s-min=6.5km az=162.3.								
NEIC		Event type se. After AEIC.								
ISC	VI	02 11 18 53.9-1.7	55.39N-09	155.77W-10	31-11	4.3b,3.6s	73	2-91		
IDC	VI	02 11 18 46.2-2.0	54.76N	155.48W	0	4.2,4.1		110698744		
BJI	VI	02 11 18 47.3	56.05N	155.45W	7	4.9b,4.5b				
ISCJB	VI	02 11 18 50.0-1.9	55.33N-09	155.70W-10	15-11	4.3b,3.6s				
MOS	VI	02 11 18 49.1-80	55.35N	155.67W	10	4.5b,3.6s				
NEIC	VI	02 11 18 52.8	55.22N	155.78W	10	4.1b,3.9L				
ISC		Event type se.								
IDC		Error ellipse: s-maj=50.7km s-min=22.8km az=146.0.								
ISCJB		Event type se. Error ellipse: s-maj=17.5km s-min=5.8km az=127.2.								
MOS		Error ellipse: s-maj=23.1km s-min=7.9km az=85.7.								
NEIC		Event type se. After AEIC.								
ISC	VI	18 18 37 52.8-1.0	53.28N-03	160.68W-03	14-6	5.0b,4.8s	675	2-155		
ISCJB	VI	18 18 37 49.1-96	53.19N-03	160.70W-03	1-5	5.1b,4.8s		18474926		
MOS	VI	18 18 37 50.8-93	53.27N	160.60W	10	5.3b,4.6s				
BJI	VI	18 18 37 51.4	53.62N	160.97W	10	5.2b,5.0s				
HRVD	VI	18 18 37 52.1-30	53.13N	160.60W	12	5.3W,5.0s				
NEIC	VI	18 18 37 52.1-17	53.23N	160.63W	10	5.1b,4.8L				
IDC	VI	18 18 37 53.4-4.9	53.19N	160.62W	20-32	4.8,4.8s				
SZGRF	VI	18 18 37 55.8	53.35N	160.17W	33	5.2b,4.8s				
ISC		Event type se.								
ISCJB		Event type se. Error ellipse: s-maj=5.0km s-min=2.4km az=41.2.								
MOS		Error ellipse: s-maj=7.9km s-min=3.8km az=90.0.								
HRVD		Error ellipse: s-maj=3.3km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s25,c35; Mantle waves: s68,c117; Half duration: 1s0 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} -0.69±0.02 M _{θθ} 0.78±0.2; M _{φφ} -0.08±0.2; M _{φθ} 0.54±0.06; M _{φθ} 0.21±0.07; Best double couple: NP1:0.236,0.0000°; 332,0.0000°; λ-127.00000°; P-0.99,0.0000°; λ-69.00000°; λ-69.00000°. Principal axes: T 0.9710,Plg17.0000°; Azm172.0000°; N-0.0200,Plg19.0000°; Azm268.0000°; P-0.9520,Plg64.0000°; Azm43.0000°; M ₀ 0.96100×10 ¹⁷								
NEIC		Event type se. Error ellipse: s-maj=4.5km s-min=2.5km az=194.0.								
IDC		Error ellipse: s-maj=15.3km s-min=9.8km az=164.0.								
SZGRF		South of Alaska.								
NEIC	VI	09 14 08 38.3	53.25N	161.36W	34	3.5L				
BJI	VI	09 14 08 34.3	53.20N	161.40W	33	5.1b,4.5b		18750362		
NEIC		Event type se. After AEIC.								
ISC	IV	11 21 26 50.5-2.5	53.8N-10	161.24W-09	24-18	3.9b	31	3-86		
IDC	IV	11 21 26 45.1-1.6	53.38N	161.33W	0	4.1,4.0		19594683		
ISCJB	IV	11 21 26 47.4-97	53.8N-10	161.21W-09	10	3.9b,4.0				
NEIC	IV	11 21 26 48.4-3.3	53.66N	161.24W	10-20	3.8b,3.6L				
ISC		Event type se.								
IDC		Error ellipse: s-maj=39.2km s-min=16.7km az=174.0.								
ISCJB		Event type se. Error ellipse: s-maj=21.0km s-min=5.5km az=152.8.								
NEIC		Event type se. Error ellipse: s-maj=20.4km s-min=6.0km az=166.0.								
ISC	II	03 21 29 34.0-4.0	53.9N-10	163.0W-10	12-26	3.6b	14	2-65		
IDC	II	03 21 29 31.7-1.7	53.69N	163.03W	0	3.8,3.6		19569716		
ISCJB	II	03 21 29 33.3-4.0	53.8N-10	162.99W-10	19-31	3.6b,3.6				
NEIC	II	03 21 29 35.6	53.53N	162.81W	43	3.4L,3.6				
ISC		Event type se.								
IDC		Error ellipse: s-maj=33.7km s-min=27.0km az=18.0.								
ISCJB		Event type se. Error ellipse: s-maj=23.1km s-min=8.5km az=144.2.								
NEIC		Event type se. After AEIC.								
IDC	II	13 20 16 23.1-5.1	53.60N	162.31W	0	3.7,3.4L		19570749		

IDC		Error ellipse: s-maj=84.1km s-min=37.4km az=88.0.							
NEIC	V	25 16 14 03.2	52.80N	163.54W	69	2.9L			
NEIC		Event type se. After AEIC.							
ISC	I	02 06 05 40.5-1.2	55.0N-10	156.9W-20	35	3.1b	9	2-46	
IDC	I	02 06 05 13.6-10	54.26N	161.53W	0	3.8L,3.7		19476566	
ISCJB	I	02 06 05 39.1-1.2	55.1N-10	156.8W-20	33	3.1b,3.7			
NEIC	I	02 06 05 39.5	54.72N	156.76W	43	3.5L,3.7			
ISC		Event type se.							
IDC		Error ellipse: s-maj=190.0km s-min=35.0km az=82.0.							
ISCJB		Event type se. Error ellipse: s-maj=18.9km s-min=13.9km az=159.5.							
NEIC		Event type se. After AEIC.							
ISC	VI	02 09 38 23.3-1.4	55.40N-04	155.77W-05	22-10	4.4b,3.9s	126	2-145	
IDC	VI	02 09 38 19.4-1.0	55.18N	155.86W	0	4.4,4.3		110698742	
ISCJB	VI	02 09 38 20.7-29	55.42N-04	155.73W-05	15	4.4b,3.9s			
MOS	VI	02 09 38 20.1-65	55.40N	155.73W	10	4.7b,3.9s			
NEIC	VI	02 09 38 24.0	55.31N	155.88W	15	4.6b,4.2L			
BJI	VI	02 09 38 26.6	56.11N	156.26W	45	5.1b,4.8b			
ISC		Event type fe.							

IDC		Error ellipse: s-maj=22.9km s-min=16.9km az=20.0.							
ISCJB		Event type fe. Error ellipse: s-maj=5.5km s-min=4.1km az=151.9.							
MOS		Error ellipse: s-maj=13.6km s-min=6.2km az=85.4.							
NEIC		Event type fe. Felt at Eagle River and Elmendorf AFB, After AEIC.							
ISC	VI	02 10 30 42.4-47	55.31N-06	155.81W-07	10	4.1b,3.5s	74	2-76	
ISCJB	VI	02 10 30 41.0-46	55.39N-06	155.76W-07	10	4.1b,3.5s		110698743	
IDC	VI	02 10 30 40.8-1.1	55.16N	155.79W	0	4.0,3.9			
MOS	VI	02 10 30 42.2-79	55.47N	155.66W	13	4.4b,3.9			
BJI	VI	02 10 30 44.7	55.30N	155.90W	40	5.3b,4.9s			
NEIC	VI	02 10 30 44.7	55.29N	155.86W	10	4.5b,4.0L			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=9.0km s-min=4.6km az=126.6.							
IDC		Error ellipse: s-maj=23.6km s-min=19.3km az=10.0.							
MOS		Error ellipse: s-maj=24.8km s-min=7.6km az=82.1.							
NEIC		Event type se. After AEIC.							
ISC	VI	03 10 54 24.0-1.4	55.3N-20	155.8W-20	35	3.8b,3.8s	25	2-76	
ISCJB	VI	03 10 54 21.8-1.4	55.3N-20	155.8W-20	33	3.8b,3.8s		18747020	
BJI	VI	03 10 54 21.2	55.20N	155.90W	39	4.8b,4.5s			
NEIC	VI	03 10 54 24.7	55.21N	155.88W	39	3.7b,2.8L			
IDC	VI	03 10 54 24.1-6.1	55.95N	156.59W	0	3.9,3.8b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=25.1km s-min=6.0km az=126.0.							
NEIC		Event type se. After AEIC.							
IDC		Error ellipse: s-maj=147.2km s-min=33.7km az=171.0.							

SEISMIC REGION 2. Eastern Alaska to Vancouver Island.

(18) Southern Yukon Territory.

ISC	IV	06 14 06 40.6-41	64.51N-02	138.82W-07	10		35	1-11	
ISCJB	IV	06 14 06 37.4-46	64.53N-03	138.59W-07	10			18439435	
NEIC									

ISC	III	15 21 53 46.3-1.3	48.93N-06	128.41W-10	10	3.7b	52	1-21	
IDC	III	15 21 53 44.0-2.7	49.30N	129.04W	0	3.7L,3.7b	110604469		
ISCJB	III	15 21 53 45.9-1.3	48.94N-06	128.39W-09	10	3.7b,3.7b			
NEIC	III	15 21 53 45.3	48.81N	128.64W	10	4.1W,3.7b			
PGC	III	15 21 53 45.3	48.81N	128.64W	10	4.1W,3.5			
ISC Event type ke. Error ellipse: s-maj=42.4km s-min=12.6km az=75.0.									
IDC	Error ellipse: s-maj=11.3km s-min=5.2km az=92.8.								
ISCJB	Event type se. After PGC. Moment Tensor Solution. M ₂ 3.40000×10 ¹⁵								
NEIC	Event type se. After PGC. Moment Tensor Solution. M ₂ 3.40000×10 ¹⁵								
PGC	Event type se. After PGC. Moment Tensor Solution. M ₂ 3.40000×10 ¹⁵								
Tofino, Bc West of Vancouver Island, British Columbia.									
ISC	IV	24 01 25 14.8-81	49.13N-02	128.78W-05	14-6	3.9b,3.3s	119	1-88	
BJI	IV	24 01 25 08.6	49.00N	128.69W	10	4.4s,4.3s	18321089		
ISCJB	IV	24 01 25 12.4-70	49.08N-02	128.78W-05	8-5	3.9b,3.3s			
PGC	IV	24 01 25 12.2	48.93N	129.01W	10	4.3W,3.9			
NEIC	IV	24 01 25 12.0	48.93N	129.01W	9	4.3W,3.9b			
IDC	IV	24 01 25 15.0-1.8	49.13N	128.62W	0	3.9,3.7			
ISC Event type ke. Error ellipse: s-maj=5.5km s-min=3.7km az=130.8.									
ISCJB	Event type ke. Error ellipse: s-maj=12.2km s-min=10.2km az=-1.0. 226km southwest of Gold R., Bc West of Vancouver Island, British Columbia.								
PGC	Event type se. After PGC. Moment Tensor Solution. M ₂ 3.40000×10 ¹⁵								
NEIC	Error ellipse: s-maj=31.1km s-min=10.6km az=64.0.								
IDC	Error ellipse: s-maj=31.1km s-min=10.6km az=64.0.								
ISC	II	01 06 10 29.8-89	50.04N-05	129.57W-08	10	3.7s,3.2b	27	1-59	
PGC	II	01 06 10 26.6	49.82N	129.92W	10	4.0W,3.4	19569361		
ISCJB	II	01 06 10 28.5-86	50.00N-05	129.62W-08	10	3.7s,3.2b			
IDC	II	01 06 10 29.3-2.3	49.97N	129.41W	0	3.7,3.5			
ISC Event type ke. Error ellipse: s-maj=26.7km s-min=20.1km az=-1.0. West of Vancouver Island, British Columbia.									
PGC	Event type ke. Error ellipse: s-maj=7.8km s-min=6.8km az=86.3.								
ISCJB	Error ellipse: s-maj=39.8km s-min=12.5km az=79.0.								
IDC	Error ellipse: s-maj=39.8km s-min=12.5km az=79.0.								
PGC	II	02 09 17 26.2	48.73N	128.96W	10	3.8W,3.1	19569493		
ISC Event type ke. Error ellipse: s-maj=12.2km s-min=8.8km az=-1.0. West of Vancouver Island, British Columbia.									
PGC	Event type ke. Error ellipse: s-maj=8.9km s-min=3.6km az=-1.0. West of Vancouver Island, British Columbia, near the margin.								
ISCJB	Event type ke. Error ellipse: s-maj=4.6km s-min=2.6km az=91.5.								
NEIC	Event type se. After PGC. Moment Tensor Solution. M ₂ 8.50000×10 ¹⁵								
IDC	Error ellipse: s-maj=19.1km s-min=6.2km az=61.0.								
PGC	V	03 08 13 45.6	49.28N	129.20W	10	3.5W,2.9	18494554		
ISC Event type ke. Error ellipse: s-maj=7.8km s-min=8.0km az=-1.0. 202km southwest of Pt. Hardy, Bc West of Vancouver Island, British Columbia Another small, unlocated event 44 seconds earlier.									
ISC	V	11 00 51 36.0-31	48.58N-02	124.30W-03	33-2		100	0-4	
ISCJB	V	11 00 51 35.4-26	48.58N-02	124.32W-03	40-6		18494711		
PGC	V	11 00 51 35.7	48.59N	124.32W	40-4	2.9L,2.9			
NEIC	V	11 00 51 35.0	48.59N	124.32W	40	2.9,2.9			
PNSN	V	11 00 51 36.2	48.56N	124.26W	43	2.9,2.9			
ISC Event type fe. Error ellipse: s-maj=3.6km s-min=2.4km az=84.1.									
ISCJB	Event type fe. Error ellipse: s-maj=2.2km s-min=1.5km az=-1.0. 50km southwest of Duncan, Bc West coast Vancouver Island, British Columbia Felt (I) in Sooke.								
PGC	Event type fe. Felt at Sooke. After PGC. Moment Tensor Solution. NP1:φ ₁ 40.00000°; φ ₂ 80.00000°; φ ₃ 132.00000°; φ ₄ 80.00000°								
NEIC	Principal axes: T P1g0.0000°; Azm266.0000°; P P1g14.0000°; Azm356.0000°								
PNSN	Moment Tensor Solution. NP1:φ ₁ 40.00000°; φ ₂ 80.00000°; φ ₃ 132.00000°; φ ₄ 80.00000°								
PGC	I	09 17 31 18.7	49.40N	129.14W	10	3.8W,3.2	18078477		
ISC Event type ke. Error ellipse: s-maj=16.7km s-min=12.3km az=-1.0. West of Vancouver Island, British Columbia.									
PGC	I	28 03 15 18.3	48.69N	128.41W	10	3.6W,3.0	18079456		
ISC Event type ke. Error ellipse: s-maj=7.8km s-min=4.4km az=-1.0. West of Vancouver Island, British Columbia.									
ISC	I	15 12 29 46.7-18	48.55N-02	123.50W-03	36-4	3.9b	160	0-24	
IDC	I	15 12 29 42.5-72	48.46N	123.48W	0	3.8,3.6	18078685		
ISCJB	I	15 12 29 45.8-19	48.56N-02	123.49W-03	46-3	3.9b,3.6			
PGC	I	15 12 29 46.0	48.57N	123.53W	44-2	3.6L,3.3			
NEIC	I	15 12 29 46.0	48.57N	123.53W	44	3.3,3.3			
PNSN	I	15 12 29 46.5	48.56N	123.51W	41	3.3,3.3			
ISC Event type fe. Error ellipse: s-maj=13.4km s-min=7.5km az=50.0.									
IDC	Event type fe. Error ellipse: s-maj=3.2km s-min=2.3km az=123.7.								
ISCJB	Event type fe. Error ellipse: s-maj=2.2km s-min=1.5km az=-1.0. Near Victoria, British Columbia Felt (II-IV) throughout southern Vancouver Island, as far north as Parksville.								
PGC	Event type fe. Felt (III) at Victoria. Felt throughout southern Vancouver Island as far north as the Parksville area, as far west as Sooke and in the Gulf Islands. Also felt at Vancouver. Felt (III) at Friday Harbor and Port Angeles, Washington. Also felt at Anacortes, Bellingham, Eastsound and Sequim, Washington. After PGC.								
NEIC	Event type fe. Felt (III) at Victoria. Felt throughout southern Vancouver Island as far north as the Parksville area, as far west as Sooke and in the Gulf Islands. Also felt at Vancouver. Felt (III) at Friday Harbor and Port Angeles, Washington. Also felt at Anacortes, Bellingham, Eastsound and Sequim, Washington. After PGC.								
PNSN	Moment Tensor Solution. NP1:φ ₁ 50.00000°; φ ₂ 80.00000°; φ ₃ 284.00000°; φ ₄ 81.00000°								
PGC	Principal axes: T P1g0.0000°; Azm356.0000°; P P1g55.0000°; Azm226.0000°; Moment Tensor Solution. NP1:φ ₁ 50.00000°; φ ₂ 84.50000°; φ ₃ 254.00000°; φ ₄ 86.300000°								
ISC	V	31 01 33 20.4-51	50.76N-03	130.24W-06	10		139	1-15	
ISCJB	V	31 01 33 18.8-51	50.76N-03	130.26W-06	10		18495211		
NEIC	V	31 01 33 19.7	50.64N	130.49W	10	4.1W			
PGC	V	31 01 33 19.7	50.64N	130.49W	10	4.1W,4.1W			
ISC Event type ke. Error ellipse: s-maj=6.6km s-min=2.7km az=93.9.									
ISCJB	Event type se. After PGC. Moment Tensor Solution. M ₁ 1.50000×10 ¹⁵								
NEIC	Event type se. After PGC. Moment Tensor Solution. M ₁ 1.50000×10 ¹⁵								
PGC	Event type se. After PGC. Moment Tensor Solution. M ₁ 1.50000×10 ¹⁵								
Hardy, Bc West of Vancouver Island, British Columbia.									
PGC	VI	28 01 08 54.4	48.51N	128.82W	10	4.0W,3.4	19971826		
ISC Event type ke. Error ellipse: s-maj=14.5km s-min=13.3km az=-1.0. 224km southwest of Tofino, Bc Northern Juan de Fuca ridge.									
PGC	VI	27 18 37 40.5	49.00N	128.12W	10	3.6W,2.9	19971803		
ISC Event type ke. Error ellipse: s-maj=6.7km s-min=4.4km az=-1.0. 161km southwest of Tofino, Bc West of Vancouver Island, British Columbia.									
PGC	VI	25 06 19 47.6	48.66N	128.43W	10	3.7W,3.0	19971667		
ISC Event type ke. Error ellipse: s-maj=14.5km s-min=8.8km az=-1.0. 191km southwest of Tofino, Bc West of Vancouver Island, British Columbia.									
PGC	VI	05 03 35 26.1	48.94N	129.21W	10	3.6W,3.0L	19970509		
ISC Event type ke. Error ellipse: s-maj=4.4km s-min=3.7km az=-1.0. 234km southwest of Pt. Hardy, Bc West of Vancouver Island, British Columbia.									
ISC	VI	27 23 21 45.0-1.4	48.77N-03	128.48W-06	7-10	4.0b,3.7s	103	1-81	
PGC	VI	27 23 21 42.8	48.55N	128.78W	10	4.0W,3.4	18548176		
NEIC	VI	27 23 21 42.0	48.55N	128.78W	10	4.0W,4.0b			
ISCJB	VI	27 23 21 43.3-1.1	48.70N-03	128.51W-06	8-8	4.0b,3.7s			
IDC	VI	27 23 21 47.9-2.3	48.65N	128.52W	38-22	3.9,3.8			
ISC Event type ke. Error ellipse: s-maj=17.8km s-min=14.7km az=-1.0. 220km southwest of Tofino, Bc Northern Juan de Fuca ridge.									
PGC	Event type se. After PGC.								
NEIC	Event type se. After PGC.								
ISCJB	Event type ke. Error ellipse: s-maj=6.5km s-min=4.4km az=136.0.								
IDC	Error ellipse: s-maj=30.0km s-min=10.8km az=62.0.								
PGC	VI	22 03 51 40.0	50.98N	130.76W	10	4.0W,3.4	19971392		

PGC	Event type ke. Error ellipse: s-maj=5.6km s-min=3.5km az=-1.0. 224km southwest of Bella Bella, Bc West of Vancouver Island, British Columbia.								
ISC	VI	02 02 03 35.5-44	50.67N-03	130.26W-06	10	3.6b	139	1-79	
ISCJB	VI	02 02 03 34.4-42	50.67N-03	130.17W-05	10	3.6b	18547694		
NEIC	VI	02 02 03 35.4	50.56N	130.31W	10	4.2W,3.7b			
PGC	VI	02 02 03 35.4	50.56N	130.31W	10	4.3W,3.9			
IDC	VI	02 02 03 38.6-1.5	50.62N	129.67W	0	3.9,3.8L			
ISC Event type ke. Error ellipse: s-maj=5.7km s-min=2.5km az=110.8.									
ISCJB	Event type se. After PGC. Moment Tensor Solution. M ₂ 9.00000×10 ¹⁵								
NEIC	Event type se. After PGC. Moment Tensor Solution. M ₂ 9.00000×10 ¹⁵								
PGC	Event type se. After PGC. Moment Tensor Solution. M ₂ 9.00000×10 ¹⁵								
Hardy, Bc West of Vancouver Island, British Columbia.									
IDC	Error ellipse: s-maj=21.7km s-min=10.5km az=66.0.								
ISC	IV	02 09 46 41.3-59	50.67N-04	130.07W-08	10	3.5b	109	1-23	
ISCJB	IV	02 09 46 38.6-51	50.64N-03	130.19W-07	10	3.5b	18439351		
PGC	IV	02 09 46 39.9	50.52N	130.30W	10	4.3W,3.8			
NEIC	IV	02 09 46 39.0	50.52N	130.30W	10	4.3W,4.1b			
IDC	IV	02 09 46 43.7-1.6	50.66N	129.73W	0	3.9,3.7			
ISC Event type ke. Error ellipse: s-maj=7.1km s-min=2.8km az=110.4.									
ISCJB	Event type ke. Error ellipse: s-maj=6.7km s-min=3.5km az=-1.0. 204km southwest of Pt. Hardy, Bc West of Vancouver Island, British Columbia.								
NEIC	Event type se. After PGC. Moment Tensor Solution. M ₂ 3.10000×10 ¹⁵								
IDC	Error ellipse: s-maj=22.7km s-min=9.8km az=68.0.								
(27) Near coast of Washington.									
ISC	I	12 18 15 57.9-53	46.76N-03	124.17W-06	10	3.3b	68	1-24	
ISCJB	I	12 18 15 56.3-50	46.73N-03	124.19W-06	10	3.3b	18035865		
IDC	I	12 18 15 56.1-1.0	46.42N	124.38W	0	3.5,3.4b			
NEIC	I	12 18 15 58.0	46.57N	124.15W	36	2.4,3.4b			
PNSN	I	12 18 15 58.2	46.57N	124.15W	36	2.4,3.4b			
PGC	I	12 18 15 58.9	46.81N	124.37W	22-14	2.6L,3.4b			
ISC Event type fe. Error ellipse: s-maj=6.1km s-min=3.8km az=161.4.									
ISCJB	Event type fe. Error ellipse: s-maj=28.8km s-min=9.6km az=70.0.								
IDC	Event type fe. Felt (IV) at Long Beach and (III) at Ocean Park. Also felt at Ilwaco, South Bend and Tokeland. After SEA.								
NEIC	Moment Tensor Solution. NP1:φ ₁ 5.00000°; φ ₂ 85.00000°; φ ₃ 238.00000°; φ ₄ 84.00000°								
PNSN	Principal axes: T P1g0.0000°; Azm302.0000°; P P1g60.0000°; Azm208.0000°; Moment Tensor Solution. NP1:φ ₁ 300.00000°; φ ₂ 85.00000°; φ ₃ 100.00000°; φ ₄ 85.00000°								
PGC	Principal axes: T P1g50.0000°; Azm8.0000°; P P1g40.0000°; Azm192.0000°								
ISC Event type ke. Error ellipse: s-maj=8.9km s-min=3.8km az=-1.0. West coast Olympic Peninsula, Washington.									
(29) Washington.									
ISC	VI	18 03 02 52.6-17	47.43N-01	122.85W-02	27		143	0-4	
PGC	VI	18 03 02 51.7	47.38N	122.97W	26-5	2.3L	18495574		
ISCJB	VI	18 03 02 52.2-16	47.44N-01	122.85W-02	27	2.3L			
PNSN	VI	18 03 02 52.5	47.44N	122.89W	27	2.8			
NEIC	VI	18 03 02 52.5	47.44N	122.89W	27	2.8			
ISC Event type ke. Error ellipse: s-maj=4.4km s-min=3.0km az=-1.0. 54km southwest of Seattle, Wa North of Olympia, Washington.									
ISCJB	Event type ke. Error ellipse: s-maj=2.4km s-min=1.6km az=150.3.								
PNSN	Moment Tensor Solution. NP1:φ ₁ 85.00000°; φ ₂ 845.00000°; φ ₃ 279.00000°; φ ₄ 86.00000°								
NEIC	Principal axes: T P1g83.0000°; Azm269.0000°; P P1g0.0000°; Azm2.0000°								
ISC Event type se. After SEA.									
ISC	II	03 01 47 46.5-40	47.97N-02	122.43W-02	18-3	3.4b	125	0-68	
ISCJB	II	03 01 47 46.2-28	47.97N-02	122.41W-03	20-3	3.4b	18079773		
PGC	II	03 01 47 46.7	47.95N	122.39W	33	3.4L,3.3			
PNSN	II	03 01 47 46.7	47.95N	122.40W	33	3.3,3.3			
NEIC	II	03 01 47 47.0	47.95N	122.40W	29	3.6,3.3			

NEIC Event type se. After NCEDC.
 ISCJB Event type se.
 ISC VI 10 03 18 39.4-47 40.41N-02 125.17W-04 2 123 1-11
 ISCJB VI 10 03 18 38.4-48 40.42N-02 125.17W-04 2
 NEIC VI 10 03 18 39.0 40.46N 125.33W 2 3.1L ¶18474790
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=4.6km s-min=2.6km az=159.6.
 NEIC Event type se. After NCEDC.
 NEIC II 23 05 55 04.3-2.5 39.75N 126.61W 10 3.5 ¶10539473

NEIC Event type se. Error ellipse: s-maj=31.4km s-min=6.9km az=75.0.

(35) Near coast of northern California.

NEIC IV 07 10 04 28.3 39.57N 123.35W 10 3.5L ¶18320146

NEIC Event type se. After NCEDC.
 NEIC IV 16 22 25 43.0 40.35N 124.89W 15 3.7 ¶10697805

NEIC Event type se. After NCEDC.
 ISC III 03 12 49 51.3-80 38.98N-05 123.12W-10 7-5 3.2s,3.2b 29 0-40
 ISCJB III 03 12 49 50.6-81 38.98N-05 123.10W-09 8-5 3.2s,3.2b
 NEIC III 03 12 49 51.0 39.03N 123.11W 7 3.7L,3.2b
 IDC III 03 12 49 57.6-2.7 39.30N 122.71W 34-19 3.4,3.3

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=13.5km s-min=5.5km az=127.6.
 NEIC Event type fe. Felt [IV] at Hopland and Lakeport; [II] at Boonville, Nice, Redwood Valley and Ukiah; [I] at Witter Springs. Felt at Cloverdale, Elk, Gualala, Kelseyville, Lucerne, San Francisco, The Sea Ranch, Upper Lake and Yorkville. After NCEDC.
 Error ellipse: s-maj=28.9km s-min=7.6km az=50.0.

IDC
 ISC III 26 01 56 37.2-1.0 40.26N-03 124.42W-06 21-7 3.7b,3.7s 77 1-92
 BJI III 26 01 56 34.6 40.66N 124.23W 19 5.0b,4.8s
 ISCJB III 26 01 56 36.7-1.0 40.26N-03 124.40W-06 30-7 3.7b,3.7s
 IDC III 26 01 56 36.7-1.4 40.40N 124.12W 0 3.9,3.8L
 NEIC III 26 01 56 38.0 40.27N 124.41W 23 4.6W,4.1b

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=7.3km s-min=4.1km az=155.3.
 IDC Error ellipse: s-maj=15.4km s-min=11.6km az=78.0.
 NEIC Event type fe. Felt [IV] at Ferndale, Fortuna, Loleta, Myers Flat, Petrolia and Rio Dell; [III] at Carlotto, Garberville, Hydenville and Whitethorn; [II] at Arcata and Eureka. Also felt at Bayside, Blue Lake, Kneeland, McKinleyville, Redcrest, Redway and Smith River. After NCEDC. Moment Tensor Solution. M_o2.20000×10¹⁵

(36) Northern California.

NEIC V 29 10 38 43.6 39.37N 120.47W 10 3.8L ¶18442985

NEIC Event type fe. Felt [IV] at Norden; [III] at Alta, Camino, Clio, Emigrant Gap, Foresthill, Garden Valley, Georgetown, Grizzly Flats, Homewood, Meadow Vista, Nevada City, Olympic Valley, Pioneer, Pollock Pines, Soda Springs, Sonora, Tahoe City, Truckee, Volcano and West Point; [II] at Arnold, Beale AFB, Colfax, Grass Valley, Mountain Ranch, Penn Valley, Pine Grove, Placerville, Portola, Sierra City, South Lake Tahoe, Sutter Creek and Twain Harte. Also felt [II] at Reno, Nevada. After REN.

ISC V 12 10 37 29.1-38 38.69N-03 122.98W-04 3 4.4b,4.2s 142 0-98
 BJI V 12 10 37 26.8 39.19N 122.79W 2 5.2b,4.7b
 ISCJB V 12 10 37 28.5-34 38.76N-03 122.80W-04 3 4.5b,4.2s
 HRVD V 12 10 37 29.3-40 38.80N 122.85W 14-1 4.8W,4.2s
 NEIC V 12 10 37 29.3 38.82N 122.82W 3 4.7W,4.5b
 MOS V 12 10 37 29.4-1.2 38.68N 122.77W 10 4.5b,4.5b
 IDC V 12 10 37 34.2-2.2 38.92N 122.59W 22-10 4.1,4.1s

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=5.1km s-min=3.1km az=102.7.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s16,c19; Mantle waves: s71,c107; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M₁₁-1.27±.14; M₂₂-0.69±.08; M₃₃-1.96±.11; M₁₂-0.49±.22; M₁₃1.29±.07; M₂₃-0.49±.20; Best double couple: NP1:0.168,0.0000°; NP2:0.0000°; λ-143.00000°; λ-143.00000°; λ-143.00000°; λ-143.00000°; λ-49.00000°. Principal axes: T: 2.5890,Plg3,0.0000°; Azm113.0000°; N: -1.0180,Plg36.0000°; Azm210.0000°; P: -1.5690,Plg53.0000°; Azm10.0000°; M_o2.07900×10¹⁶

NEIC Event type fe. Felt [V] at Hopland; [IV] at Clearlake, Geyserville and Kelseyville; [III] at Angwin, Calistoga, Cloverdale, Guerneville, Healdsburg, Saint Helena, San Francisco and Santa Rosa; [II] at Napa. Felt at Antioch, Berkeley, Carmel, Cazadero, Clearlake Oaks, Daly City, Fairfield, Forestville, Graton, Huntington Beach, Moraga, Mountain View, Oakley, Pacifica, Petaluma, Pope Valley, San Ramon and Yountville. After NCEDC. Moment Tensor Solution. M_o1.40000×10¹⁶

MOS Error ellipse: s-maj=9.6km s-min=7.1km az=30.8.
 IDC Error ellipse: s-maj=20.5km s-min=8.0km az=47.0.

ISC V 12 10 38 36.3-48 38.84N-04 122.84W-06 3 4.0s,4.0b 39 0-88
 ISCJB V 12 10 38 35.3-46 38.87N-04 122.73W-05 3 4.0s,4.0b
 NEIC V 12 10 38 35.9 38.84N 122.85W 3 4.4b,4.2L
 IDC V 12 10 38 35.2-1.9 38.65N 122.80W 0 4.2,4.0

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=6.6km s-min=5.2km az=109.6.
 NEIC Event type fe. Felt [IV] at Middletown. Felt at Angwin, Calistoga, Cloverdale, Kelseyville, Lower Lake, Pope Valley and Santa Rosa. After NCEDC.
 IDC Error ellipse: s-maj=30.7km s-min=20.0km az=52.0.

(37) Nevada.

NEIC III 14 16 32 03.0 39.73N 115.91W 0 3.7L ¶10603704

NEIC Event type se. After REN.

(39) Central California.

ISC IV 07 01 06 54.8-46 35.66N-03 121.20W-04 10 4.1b,3.9s 76 1-97
 BJI IV 07 01 06 52.0 35.70N 121.10W 8 4.9s,4.9b
 ISCJB IV 07 01 06 53.8-44 35.66N-03 121.17W-04 10 4.1b,3.9s
 NEIC IV 07 01 06 54.0 35.73N 121.09W 9 4.2L,4.0b
 IDC IV 07 01 06 54.8-1.3 35.74N 120.85W 0 4.0,3.9b

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=5.5km s-min=3.2km az=90.7.
 NEIC Event type fe. Felt [V] at San Simeon; [IV] at Cambria and Paso Robles; [III] at Arroyo Grande, Bradley, Oceano and San Luis Obispo; [II] at Cayucos and Morro Bay. Felt at Lockwood, Los Osos, Pismo Beach, San Miguel and Santa Cruz. After NCEDC.
 Error ellipse: s-maj=21.9km s-min=17.1km az=120.0.

IDC
 NEIC IV 05 14 36 53.4 35.73N 121.09W 7 3.6L ¶18228811

NEIC Event type se. After NCEDC.
 NEIC IV 07 12 53 26.4 35.73N 121.10W 7 3.7L ¶18320149

NEIC Event type se. After NCEDC.
 ISC III 29 01 36 22.4-28 35.61N-02 117.56W-02 10 4.6b 81 1-99
 ISCJB III 29 01 36 20.9-28 35.64N-02 117.47W-03 10 4.6b
 BJI III 29 01 36 20.4 35.14N 118.21W 17 5.2b,4.8s
 IDC III 29 01 36 22.5-3.0 35.58N 117.54W 0 3.3,3.2
 NEIC III 29 01 36 22.0 35.62N 117.59W 10 4.1L,3.2

ISC Event type de.
 ISCJB Event type de. Error ellipse: s-maj=3.1km s-min=2.3km az=160.8.
 IDC Error ellipse: s-maj=40.0km s-min=18.7km az=54.0.
 NEIC Event type de. Cracks observed in a wall of one building at Ridgcrest. Felt [IV] at Ridgcrest, [III] at Weldon and [II] at Inyokern and Trona. Felt at Bakersfield, Bodfish, Johannesburg, Lake Isabella and Onyx. After PAS.

NEIC III 21 21 41 42.2 37.81N 122.07W 13 3.7W ¶10608065

NEIC Event type fe. Felt [IV] at Crockett, Danville, Moraga, Oakland, San Ramon and Walnut Creek; [III] at Alameda, Alamo, Albany, Antioch, Belmont, Benicia, Berkeley, Burlingame, Castro Valley, Clayton, Concord, Daly City, El Cerrito, El Sobrante, Halfmoon Bay, Hayward, Lafayette, Martinez, Millbrae, Orinda, Pacifica, Pleasant Hill, Pleasanton, Redwood City, Richmond, San Francisco, San Leandro, San Mateo, South San Francisco and Vallejo. Felt as far as Modesto, Santa Cruz, Santa Rosa and the Sacramento area. After NCEDC. Moment Tensor Solution. M_o5.20000×10¹⁴

NEIC III 03 13 44 05.2 35.12N 117.56W 2 3.7L ¶10596590

NEIC Event type se. After PAS.
 ISC VI 15 12 24 51.3-29 37.06N-01 121.52W-02 10-2 4.2b,4.0s 210 0-100
 ISCJB VI 15 12 24 50.5-38 37.07N-01 121.51W-02 11-3 4.2b,4.0s
 BJI VI 15 12 24 50.1 37.10N 121.50W 5 5.1b,5.0s
 IDC VI 15 12 24 51.4-1.9 37.00N 121.36W 0 4.0,3.9
 NEIC VI 15 12 24 51.1 37.10N 121.49W 3 4.7L,4.5b
 MOS VI 15 12 24 52.9-1.6 37.03N 121.27W 10 5.0b,4.5b

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=2.9km s-min=1.9km az=97.7.
 IDC Error ellipse: s-maj=27.2km s-min=13.6km az=6.0.
 NEIC Event type fe. Felt [IV] at Gilroy, La Honda, Morgan Hill, San Juan Bautista and San Martin; [III] at Albany, Aptos, Aromas, Belmont, Belvedere-Tiburon, Ben Lomond, Big Sur, Boulder Creek, Brisbane, Burlingame, Campbell, Carmel, Carmel Valley, Castro Valley, Cupertino, Daly City, Danville, Emmeryville, Felton, Fremont, Gustine, Hayward, Hollister, Los Altos, Los Banos, Los Gatos, Menlo Park, Mill Valley, Millbrae, Milpitas, Mountain View, Newark, Oakland, Palo Alto, Pebble Beach, Pescadero, Portola Valley, Redwood City, San Bruno, San Francisco, San Jose, San Leandro, San Lorenzo, San Mateo, San Rafael, Santa Clara, Santa Cruz, Scotts Valley, Soquel, South San Francisco, Stanford, Sunnyvale, Union City and Watsonville; [II] at Alameda, Atherton, Benicia, Berkeley, Capitola, Concord, Corte Madera, Dublin, Fairfax, Half Moon Bay, Lafayette, Larkspur, Livermore, Marina, Martinez, Modesto, Monterey, Moraga, Moss Beach, Newman, Novato, Pacific Grove, Pacifica, Patterson, Pleasanton, Salinas, San Anselmo, San Carlos, San Ramon, San Saratoga, Seaside and Walnut Creek. After NCEDC. Moment Tensor Solution. M_o4.20000×10¹⁵

MOS Error ellipse: s-maj=23.9km s-min=12.5km az=165.1.
 NEIC V 14 17 26 48.0 35.69N 121.53W 9 3.5L ¶18344215

NEIC Event type se. After NCEDC.
 NEIC I 25 15 29 57.1 37.39N 121.48W 6 3.6W ¶18079271

NEIC Event type fe. Felt [III] at Livermore, Mount Hamilton, Palo Alto, Patterson, San Francisco, San Jose and Sunnyvale; [II] at Los Gatos, Menlo Park, Redwood City and Santa Cruz. Also felt at Belmont, Boulder Creek, Burlingame, Daly City, Half Moon Bay, La Honda, Los Altos, Milpitas, Mountain View, Oakland, Pacifica, Santa Clara, Scotts Valley and Stanford. After NCEDC. Moment Tensor Solution. M_o3.00000×10¹⁴

ISC I 15 10 42 06.9-52 37.41N-04 121.51W-05 3 2.8b 26 1-31
 ISCJB I 15 10 42 06.0-52 37.41N-04 121.51W-05 3 2.8b
 IDC I 15 10 42 05.5-1.8 37.30N 121.56W 0 3.3L,3.3
 NEIC I 15 10 42 07.0 37.39N 121.51W 3 3.5W,3.3

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=6.2km s-min=5.4km az=151.3.
 IDC Error ellipse: s-maj=19.9km s-min=10.8km az=13.0.
 NEIC Event type se. After NCEDC. Moment Tensor Solution. M_o2.20000×10¹⁴

NEIC V 27 19 40 38.1 36.19N 120.77W 9 3.0 ¶18505522

NEIC Event type se. After NCEDC.
 ISC IV 01 12 25 59.5-1.1 36.40N-04 121.23W-04 2-6 4.8s,4.3b 81 0-101
 BJI IV 01 12 25 57.7 36.50N 121.10W 5 5.1s,5.0b
 ISCJB IV 01 12 25 58.9-40 36.48N-03 121.2W-04 2 4.8s,4.3b
 NEIC IV 01 12 25 59.8 36.52N 121.09W 2 4.3L,4.3b
 IDC IV 01 12 26 00.3-1.4 36.34N 121.02W 0 4.0,3.8b

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=5.8km s-min=3.1km az=88.4.
 NEIC Event type fe. Felt [V] at Paicines; [III] at Antioch, Hollister, Monterey and Salinas; [II] at Oakland, Santa Cruz and Scotts Valley. Felt from Santa Cruz to Parkfield and from Gustine to Carmel. After NCEDC.

IDC Error ellipse: s-maj=20.0km s-min=12.4km az=168.0.

(40) California-Nevada border region.

ISC VI 11 21 09 55.3-24 37.47N-02 118.83W-02 8 78 0-5
 ISCJB VI 11 21 09 55.1-24 37.46N-02 118.85W-02 8
 NEIC VI 11 21 09 55.0 37.46N 118.84W 8 3.5L ¶10665591

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=2.7km s-min=2.0km az=177.5.
 NEIC Event type se. After NCEDC.

ISC II 16 17 48 00.8-50 37.76N-03 118.76W-05 10 5.0b 65 3-101
 ISCJB II 16 17 47 58.0-50 37.71N-04 118.70W-05 10 5.0b
 NEIC II 16 17 47 59.0 37.99N 118.78W 10 4.1W
 BJI II 16 17 47 59.0 38.00N 118.80W 10 5.1b,4.6s
 IDC II 16 17 48 01.2-2.1 38.06N 118.76W 0 3.8,3.8L

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=6.6km s-min=3.9km az=86.9.
 NEIC Event type fe. Felt [III] at Benton; [II] at Mammoth Lakes and Sonora. Also felt at Bishop, El Portal, Groveland, June Lake, Lee Vining, Mokelumne Hill, Murphys and Yosemite National Park. Felt at Wellington, Nevada. After NCEDC. Moment Tensor Solution. M_o1.50000×10¹⁵

IDC Error ellipse: s-maj=25.2km s-min=10.6km az=179.0.
 NEIC V 07 13 59 43.0 38.22N 118.75W 14 3.6L ¶18338572

NEIC Event type se. After REN.
 ISC V 05 06 36 19.1-24 38.23N-02 118.71W-02 10 5.0b,5.0s 99 0-96
 BJI V 05 06 36 16.0 38.20N 118.80W 14 4.9b,4.6s
 ISCJB V 05 06 36 17.7-26 38.27N-02 118.65W-02 10 5.0b,5.0s
 IDC V 05 06 36 17.7-2.0 38.13N 118.82W 0 4.0L,3.8s
 NEIC V 05 06 36 19.0 38.23N 118.76W 14 4.3L,3.8s

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=3.2km s-min=2.4km az=12.2.
 IDC Error ellipse: s-maj=22.5km s-min=7.8km az=171.0.
 NEIC Event type fe. Felt at Hawthorne. After REN.

(41) Southern Nevada.

ISC VI 20 04 16 26.2-19 37.22N-01 114.72W-02 10 3.4b,3.1s 137 1-97
 BJI VI 20 04 16 22.2 37.20N 114.70W 0 4.8b,4.6b
 ISCJB VI 20 04 16 25.3-20 37.20N-02 114.76W-02 10 3.4b,3.1s
 NEIC VI 20 04 16 25.3 37.23N 114.67W 0 4.4L,3.1s
 IDC VI 20 04 16 25.8-2.0 37.13N 114.72W 0 3.7,3.5b

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=2.6km s-min=2.4km az=116.2.
 NEIC Event type se. After REN.
 IDC Error ellipse: s-maj=27.8km s-min=9.3km az=178.0.

ISC VI 13 09 18 08.4-27 37.22N-02 115.06W-03 10 57 1-5
 NEIC VI 13 09 18 05.0 37.31N 114.90W 0 3.5L
 ISCJB VI 13 09 18 07.5-28 37.20N-02 115.07W-03 10 3.5L
 ISC Event type se.
 NEIC Event type se. After REN.
 ISCJB Event type se.

(43) Southern California.

NEIC III 24 05 54 13.0 33.79N 116.18W 9 3.6L ¶10609473

NEIC Event type fe. Felt [III] at Cathedral City, Coachella, Indian Wells, Indio, La Quinta, Palm Desert, Rancho Mirage and Thousand Palms. Felt at Desert Hot Springs, Hemet, Joshua Tree, San Jacinto and Winchester. After PAS.

NEIC III 11 07 45 03.0 34.29N 116.83W 6 3.5L ¶10601692

NEIC Event type fe. Felt [III] at Big Bear City, Big Bear Lake, Highland and Lucerne Valley; [II] at Cathedral City, Riverside and San Bernardino. Also felt at Anaheim, Angelus Oaks, Apple Valley, Crestline, Fontana, Forest Falls, Loma Linda, Long Beach, Los Angeles, Mission Viejo, Moreno Valley, North Hollywood, Palm Springs, Pasadena, Redlands, Running Springs, Sun City, Victorville, Winchester and Yucaipa. After PAS.

ISC VI 08 22 45 54.1-60 33.88N-02 116.79W-02 18-4 79 0-7
 ISCJB VI 08 22 45 53.9-62 33.90N-03 116.77W-03 29-7
 NEIC VI 08 22 45 54.8 33.92N 116.79W 19 3.8L ¶10665579

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=4.3km s-min=3.4km az=31.6.
 NEIC Event type fe. Felt [III] at Banning, Cabazon, Cathedral City, Desert Hot Springs, Hemet, Idyllwild, Indian Wells, La Quinta, Menifee, Morongo Valley, Mountain Center, Palm Desert, Palm Springs, Rancho Mirage, San Jacinto, Thousand Palms, Winchester and Yucaipa; [II] at Indio, Redlands and Yucca Valley. Felt at Beaumont, Big Bear Lake, Coachella, Forest Falls, Highland, Joshua Tree, Laguna Beach, Lake Elsinore, Loma Linda, Perris, Rancho Cucamonga, Riverside, San Bernardino, Sun City and Temecula. After PAS.

ISC VI 30 00 28 05.7-37 33.18N-03 116.03W-02 10 3.4s 98 1-102
 BJI VI 30 00 28 04.8 33.10N 116.83W 9 4.8b,4.7b ¶18750957

ISCJB	VI	30 00 28 05.1-39	33.24N-03	116.02W-02	10	3.4s,4.7b		
NEIC	VI	30 00 28 06.6	33.24N	116.04W	4	4.3L,4.7b		
ISC		Event type fe.						
ISCJB		Error ellipse: s-maj=4.8km s-min=2.8km az=16.3.						
NEIC		Event type fe. Felt [IV] at Thermal, [III] at El Cajon and [II] at Aliso Viejo, Cathedral City, La Quinta, Palm Springs and San Diego. Felt at Borrego Springs, El Centro, Palm Desert and Pine Valley, After PAS.						
NEIC	II	24 19 58 32.6	34.42N	119.06W	15	3.1L		

¶10539489

NEIC Event type fe. Felt [III] at Fillmore, Santa Paula and Simi Valley; [II] at Camarillo, Newbury Park and Ventura. After PAS.

(45) California-Baja California border region.

ECX	IV	13 19 06 28.6-52	32.64N	115.83W	6-0	3.5,3.5L		
NEIC	IV	13 19 06 28.6	32.64N	115.82W	6	3.5L,3.5L		¶19130270
ECX		Error ellipse: s-maj=1.4km s-min=1.5km az=-1.0.						
NEIC		Event type se. After ECX.						
ECX	III	20 17 16 20.1-47	32.88N	116.22W	9-0	3.7L,3.6		
NEIC	III	20 17 16 19.7	32.87N	116.22W	12	3.7L,3.6L		¶10607329
ECX		Error ellipse: s-maj=0.8km s-min=1.3km az=-1.0. Moment Tensor Solution. NP1: $\phi=255.00000^\circ; \delta 75.00000^\circ; \lambda -90.00000^\circ$.						
NEIC		Event type se. After PAS.						
ECX	III	05 07 27 41.4-60	32.40N	115.11W	5-0	3.9L,3.6		
NEIC	III	05 07 27 41.4	32.40N	115.11W	6	3.9L,3.5L		¶10597704
ECX		Error ellipse: s-maj=2.2km s-min=2.9km az=-1.0.						
NEIC		Event type se. After ECX.						
ECX	III	06 06 54 43.3-66	32.52N	115.58W	8-0	4.3L		
NEIC	III	06 06 54 43.3	32.52N	115.57W	8	4.4L,3.7L		¶10598250
ECX		Error ellipse: s-maj=1.3km s-min=2.1km az=-1.0. Moment Tensor Solution. NP1: $\phi=105.00000^\circ; \delta 90.00000^\circ; \lambda 0.00000^\circ$.						
NEIC		Event type fe. Felt at Mexicali. Felt [III] at Calexico and [II] at El Centro, California. Also felt at Imperial, California. After ECX.						
ECX	III	08 01 23 39.9-44	32.40N	115.26W	10-0	3.6L,3.5		

¶10599381

ECX		Error ellipse: s-maj=1.3km s-min=1.8km az=-1.0.						
ISC	II	04 12 38 31.1-68	32.39N-04	115.13W-06	18-3		36	0-2
ISCJB	II	04 12 38 30.9-74	32.37N-04	115.11W-05	19-4			
NEIC	II	04 12 38 32.2	32.37N	115.13W	7	3.6L,3.3L		¶18335068
ECX	II	04 12 38 32.2-59	32.37N	115.13W	7-0	3.6L,3.5		
ISC		Event type se.						
ISCJB		Event type se. Error ellipse: s-maj=8.8km s-min=5.7km az=79.5.						
NEIC		Event type se. After ECX.						
ECX		Error ellipse: s-maj=2.1km s-min=2.8km az=-1.0.						
ISC	II	07 18 23 58.5-42	32.38N-03	115.21W-03	14-3	3.2b	55	0-38
ECX	II	07 18 23 55.0-38	32.22N	115.08W	9-0	3.9L		¶18335174
NEIC	II	07 18 23 56.7	32.34N	115.21W	9	3.9,3.8L		
ISCJB	II	07 18 23 57.5-46	32.37N-04	115.10W-03	19-4	3.2b,3.8L		
IDC	II	07 18 23 57.3-2.8	31.95N	115.12W	0	3.5,3.5		
ISC		Event type fe.						
ECX		Error ellipse: s-maj=2.5km s-min=4.0km az=-1.0.						
NEIC		Event type fe. Felt in the Calexico area, California. After ECX.						
ISCJB		Event type fe. Error ellipse: s-maj=7.1km s-min=3.9km az=130.5.						
IDC		Error ellipse: s-maj=50.0km s-min=12.9km az=40.0.						
ISC	II	08 20 06 15.4-92	32.34N-04	115.02W-07	19-4		32	0-2
ECX	II	08 20 06 14.4-45	32.27N	115.07W	14-0	3.6L,3.5		¶18335232
NEIC	II	08 20 06 14.9	32.31N	115.11W	14	4.0,3.5L		
ISCJB	II	08 20 06 15.4-83	32.33N-04	115.03W-06	18-5	4.0,3.5L		
ISC		Event type se.						
NEIC		Event type se. After ECX.						
ISCJB		Event type se.						
ECX	II	08 22 04 47.6-95	32.36N-05	115.08W-08	19-4		26	0-2
ECX	II	08 22 04 46.0-36	32.28N	115.06W	14-0	3.6L,3.5		¶18335237
NEIC	II	08 22 04 46.0	32.28N	115.06W	4	3.1L,3.5		
ISCJB	II	08 22 04 47.4-96	32.34N-05	115.07W-07	19-5	3.1L,3.5		
ISC		Event type se.						
NEIC		Event type se. After ECX.						
ISCJB		Event type se.						
ECX	II	16 09 05 12.9-37	32.36N	115.08W	7-0	3.7L,3.6		
NEIC	II	16 09 05 12.9	32.36N	115.77W	7	3.7L,3.6		¶18335540
ECX		Error ellipse: s-maj=1.4km s-min=2.3km az=-1.0.						
NEIC		Event type se. After ECX.						
ECX	II	19 12 24 03.9-1.0	32.16N	115.86W	6-0	3.2L,3.0		
NEIC	II	19 12 24 04.0	32.17N	115.83W	5	3.5L,3.2L		¶18335628
ECX		Error ellipse: s-maj=2.6km s-min=3.7km az=-1.0.						
NEIC		Event type se. After ECX.						
ECX	II	23 05 26 12.1-56	32.42N	115.22W	7-0	3.9L,3.8		
NEIC	II	23 05 26 12.1	32.42N	115.22W	7	3.8L,3.6L		¶18335709
ECX		Error ellipse: s-maj=1.5km s-min=2.1km az=-1.0.						
NEIC		Event type se. After ECX.						
ISC	V	24 04 20 27.8-32	32.36N-02	115.27W-02	6-2	5.0b,5.0s	436	0-145
ISCJB	V	24 04 20 26.2-41	32.37N-02	115.20W-02	4-2	5.0b,5.0s		¶10698591
ECX	V	24 04 20 26.0-76	32.41N	115.26W	12-3	5.2L,5.1		
BJI	V	24 04 20 26.5	32.36N	115.42W	11	5.7b,5.4s		
MOS	V	24 04 20 27.2-98	32.37N	115.10W	10	5.3b,5.0s		
IDC	V	24 04 20 27.0-53	32.43N	115.19W	0	5.0s,5.0		
HRVD	V	24 04 20 28.5-10	32.43N	115.28W	12	5.3W,5.0		
NEIC	V	24 04 20 28.5	32.45N	115.27W	5	5.4W,5.2L		
ISC		Event type fe.						
ISCJB		Event type fe. Error ellipse: s-maj=3.1km s-min=2.4km az=144.7.						
ECX		Error ellipse: s-maj=1.8km s-min=2.5km az=-1.0.						
MOS		Error ellipse: s-maj=6.8km s-min=4.1km az=72.7.						
IDC		Error ellipse: s-maj=17.1km s-min=10.6km az=62.0.						
HRVD		Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s57,c89; Mantle waves: s99,c194; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} -1.05±0.02 M _{θθ} 0.27±0.02; M _{φφ} 0.78±0.01; M _{rr} 0.00±0.05; M _{θθ} 0.50±0.01; M _{φφ} 0.04±0.05; Best double couple: NP1: $\phi=32.00000^\circ; \delta 44.00000^\circ; \lambda -89.00000^\circ$. NP2: $\phi=210.00000^\circ; \delta 46.00000^\circ; \lambda -91.00000^\circ$. Principal axes: T 1.0920,Plg1.0000; Azm301.0000; N -0.0380,Plg1.0000; Azm211.0000; P -1.0510,Plg89.0000; Azm75.0000; M ₀₁ .07100x10 ¹⁷						

¶19132429

NEIC Event type fe. Felt [IV] at Mexicali. Felt at Ensenada. Also felt at San Luis Rio Colorado, Sonora. Felt [IV] at Calexico, Imperial, Ocotillo and Winterhaven; [III] at Boulevard, Brawley, El Centro, Heber, Holtville and San Diego; [II] at Blythe, Chula Vista, El Cajon, La Jolla, La Mesa and Lakeside, California. Also felt at Alpine, Bonita, Bonsall, Calipatria, Carlsbad, Coronado, Imperial Beach, Irvine, Jacumba, Lake Elsinore, Murrieta, Patero, San Marcos, Santee and Thermal, California. Felt [III] at Somerton, Wellton and Yuma, Arizona. Also felt at Cibola and Roll, Arizona. After ECX. Moment Tensor Solution. M₀4.80000x10¹⁶ Moment Tensor Solution. M₀1.40000x10¹⁷

ISC	V	28 11 55 24.3-26	32.30N-03	115.25W-02	6	4.1b,3.9s	107	1-112
BJI	V	28 11 55 20.8	32.40N	115.20W	6	5.1b,4.8b		¶18440694
ISCJB	V	28 11 55 22.7-26	32.35N-03	115.19W-02	6	4.1b,3.9s		
IDC	V	28 11 55 22.7-2.2	32.23N	114.69W	0	4.2,4.0		
NEIC	V	28 11 55 24.8	32.43N	115.23W	6	4.5L,4.4L		
ECX	V	28 11 55 24.8-57	32.43N	115.23W	6-0	4.5L,4.3		
ISC		Event type fe.						
ISCJB		Event type fe. Error ellipse: s-maj=4.1km s-min=2.3km az=129.2.						
IDC		Error ellipse: s-maj=36.9km s-min=27.3km az=35.0.						
NEIC		Event type fe. Felt [III] at El Centro and Imperial; [II] at Calexico, California. Felt [III] at Yuma, Arizona. Also felt at Carlsbad, Palm Springs, Redondo Beach, Riverside, San Diego and Visalia, California. After ECX.						
ECX		Error ellipse: s-maj=1.6km s-min=2.2km az=-1.0.						
ECX	V	24 04 33 12.5-24	32.43N	115.24W	4-0	2.9L		
NEIC	V	24 04 33 12.5	32.43N	115.23W	4	3.5L,2.8		¶18440459
ECX		Error ellipse: s-maj=2.0km s-min=3.6km az=-1.0.						
NEIC		Event type se. After ECX.						
ECX	V	24 04 50 00.4-50	32.37N	115.25W	5-0	3.6L,3.5		
NEIC	V	24 04 50 00.4	32.37N	115.25W	5	3.6,3.4L		¶18440461
ECX		Error ellipse: s-maj=1.4km s-min=1.9km az=-1.0.						
NEIC		Event type se. After ECX.						
ECX	V	14 01 25 20.6-53	32.46N	115.39W	5-0	3.5L,3.2		

¶19131390

ECX		Error ellipse: s-maj=1.3km s-min=1.9km az=-1.0.						
ECX	V	05 15 53 45.0-47	32.21N	115.07W	7-0	3.1L,2.9		
NEIC	V	05 15 53 45.2	32.21N	115.08W	7	3.9L,2.9		¶19130848
ECX		Error ellipse: s-maj=2.8km s-min=3.8km az=-1.0.						
NEIC		Event type se. After ECX.						
ECX	V	27 17 04 01.0-45	32.38N	115.26W	6-0	3.5L,3.3		
NEIC	V	27 17 04 01.0	32.38N	115.26W	6	3.5L,3.1L		¶18440639
ECX		Error ellipse: s-maj=1.2km s-min=1.9km az=-1.0.						
NEIC		Event type se. After ECX.						
ECX	V	24 04 25 14.5-32	32.42N	115.21W	6-0	3.6L,3.4		
NEIC	V	24 04 25 14.5	32.42N	115.20W	6	3.9,3.4		¶18440457
ECX		Error ellipse: s-maj=1.4km s-min=2.0km az=-1.0.						
NEIC		Event type se. After ECX.						
ECX	V	24 09 58 50.9-36	32.43N	115.27W	6-0	3.5L,3.4		
NEIC	V	24 09 58 50.9	32.43N	115.27W	6	3.5L,3.1L		¶18440473
ECX		Error ellipse: s-maj=1.0km s-min=1.4km az=-1.0.						
NEIC		Event type se. After ECX.						
ECX	V	28 12 06 38.5-42	32.43N	115.23W	6-0	3.6L,3.5		
NEIC	V	28 12 06 38.5	32.43N	115.23W	6	3.6L,3.4L		¶18440696
ECX		Error ellipse: s-maj=1.3km s-min=2.0km az=-1.0.						
NEIC		Event type se. After ECX.						
ECX	V	09 00 13 37.3-48	32.64N	117.34W	8-0	3.8L,3.5		
NEIC	V	09 00 13 36.0	32.63N	117.33W	13	3.6L,3.5		¶19131048
ECX		Error ellipse: s-maj=1.0km s-min=2.8km az=-1.0.						
NEIC		Event type fe. Felt [IV] at San Diego and [III] at Coronado. Also felt at La Jolla and National City. After PAS.						
ISC	V	24 04 19 06.8-46	32.40N-03	115.28W-03	4-4	4.1b	64	0-37
ISCJB	V	24 04 19 05.3-32	32.43N-03	115.20W-03	4	4.1b		¶18440456
NEIC	V	24 04 19 08.2	32.43N	115.27W	6	4.3,4.1b		
ECX	V	24 04 19 08.2-50	32.43N	115.28W	6-0	4.3L,4.1b		
ISC		Event type se.						
ISCJB		Event type se. Error ellipse: s-maj=4.5km s-min=2.5km az=104.9.						
NEIC		Event type se. After ECX.						
ECX		Error ellipse: s-maj=1.6km s-min=1.8km az=-1.0.						
ECX	I	07 00 21 24.1-62	32.49N	115.44W	5-0	3.7L,3.6		
NEIC	I	07 00 21 24.1	32.49N	115.44W	5	3.7L,3.3L		¶18035688
ECX		Error ellipse: s-maj=1.8km s-min=2.6km az=-1.0.						
NEIC		Event type se. After ECX.						
ECX	I	07 00 49 19.4-49	32.49N	115.44W	5-0	3.7L,3.5		
NEIC	I	07 00 49 19.4	32.49N	115.44W	5	3.7L,3.3L		¶18035689
ECX		Error ellipse: s-maj=1.4km s-min=2.9km az=-1.0.						
NEIC		Event type se. After ECX.						
ISC	I	27 05 22 43.8-81	32.34N-04	115.11W-04	11-6	3.		

ECX	Error ellipse: s-maj=1.8km s-min=1.3km az=-1.0.									
NEIC	Event type se. Felt [III] at El Cajon, La Jolla, San Diego and Torrance. Felt at Alpine, Boulevard, Chula Vista, Dulzura, El Centro, Jamul, Pine Valley, Ramona, Redondo Beach, Santa Monica, Spring Valley, Torrance and West Covina, California. After ECX.									
ISC	VI	17 11 15 45.5-42	31.77N-03	116.29W-02	12-3	47	0-6			
ISCJB	VI	17 11 15 45.3-39	31.78N-04	116.31W-02	20-5			19132730		
ECX	VI	17 11 15 46.2-58	31.80N	116.28W	6-2	3.8L,3.7				
ISCJB	Error ellipse: s-maj=6.3km s-min=3.2km az=23.5.									
ECX	Error ellipse: s-maj=1.7km s-min=1.0km az=-1.0.									
ISC	VI	13 15 29 51.4-41	31.82N-03	116.31W-02	10	51	0-9			
ISCJB	VI	13 15 29 50.4-38	31.82N-03	116.28W-02	10			18463961		
NEIC	VI	13 15 29 51.4	31.80N	116.27W	7	3.8L,3.6L				
ECX	VI	13 15 29 51.4-55	31.80N	116.28W	5-0	3.6L,3.6L				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=4.2km s-min=2.6km az=163.6.									
NEIC	Event type se. Felt [III] at El Cajon and San Diego. Felt at Alpine, Boulevard, Campo, El Centro, Jamul, Lakeside, La Mesa and Santee, California. After ECX.									
ECX	Error ellipse: s-maj=1.8km s-min=1.4km az=-1.0. Moment Tensor Solution. NP1:φ ₁₅ 0.0000°; λ ₁₅ 0.0000°; λ ₁₆ 0.0000°; λ ₁₇ 0.0000°.									
ECX	V	02 22 36 58.5-23	29.71N	114.06W	5-0	4.1L,4.0				
ECX	Error ellipse: s-maj=11.1km s-min=14.4km az=-1.0.									
IDC	I	05 20 05 24.2-3.7	28.23N	113.32W	0	4.0L,3.9				
IDC	Error ellipse: s-maj=56.4km s-min=20.5km az=22.0.									
IDC	I	04 13 25 42.2-3.8	27.48N	112.47W	0	4.3L,3.7s				
IDC	Error ellipse: s-maj=57.2km s-min=22.8km az=13.0.									
IDC	I	04 12 22 51.1-2.7	28.64N	113.10W	0	3.7,3.4b				
IDC	Error ellipse: s-maj=39.3km s-min=19.6km az=23.0.									
IDC	I	04 11 35 51.6-4.4	28.42N	113.15W	0	3.6,3.5L				
IDC	Error ellipse: s-maj=63.5km s-min=15.8km az=28.0.									
IDC	I	04 09 16 49.4-0.0	27.92N	112.29W	0	3.7,3.6L				
IDC	Error ellipse: s-maj=68.9km s-min=21.9km az=22.0.									
ISC	I	04 01 05 08.8-33	27.97N-03	112.15W-04	10	4.8s,4.8b	212	4-136		
BJI	I	04 01 05 07.7	28.00N	112.10W	10	5.5b,5.1s		17997774		
ISCJB	I	04 01 05 07.8-31	28.06N-03	112.12W-04	10	4.8s,4.8b				
HRVD	I	04 01 05 08.8-20	28.32N	112.28W	12	5.2W,4.8b				
IDC	I	04 01 05 08.9-81	28.30N	112.09W	0	4.8s,4.8				
MOS	I	04 01 05 08.0-1.0	28.11N	112.10W	10	5.1b,5.0s				
NEIC	I	04 01 05 08.8-32	27.96N	112.14W	10	5.1s,5.0b				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=5.8km s-min=3.9km az=103.7.									
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s51,c87; Mantle waves: s74,c148; Half duration: 1s0 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} -0.38±0.02; M _{θθ} -0.53±0.02; M _{φφ} 0.90±0.02; M _{rr} 0.14±0.04; M _{θθ} 0.54±0.01; M _{φφ} 0.09±0.05; Best double couple: NP1:φ ₁ 241.0000°; λ ₁ 62.0000°; λ ₂ 73.0000°; λ ₃ -16.0000°; NP2:φ ₂ 336.0000°; λ ₂ 85.0000°; λ ₃ -162.0000°; Principal axes: T 1.0870,Plg2.0000°; Azm108.0000°; N -0.3140,Plg67.0000°; Azm15.0000°; P -0.7720,Plg23.0000°; Azm199.0000°; M ₀ 0.92900×10 ¹⁷ .									
IDC	Error ellipse: s-maj=17.5km s-min=10.5km az=39.0.									
MOS	Error ellipse: s-maj=7.4km s-min=4.4km az=83.2.									
NEIC	Event type se. Error ellipse: s-maj=5.8km s-min=3.6km az=46.0. Felt [IV] at Hermosillo, Mexico. Also felt at Bahia de Kino, Guaymas and Mulege.									
ISC	I	04 01 17 08.7-2.7	27.5N-20	112.2W-20	10	3.6b	18	5-135		
ISCJB	I	04 01 17 08.1-2.7	27.7N-20	112.1W-10	10	3.6b		19477353		
IDC	I	04 01 17 09.0-2.8	27.73N	112.14W	0	4.0s,4.0				
NEIC	I	04 01 17 09.8-2.7	27.62N	112.13W	10	4.2b,4.0				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=37.7km s-min=14.4km az=41.2.									
IDC	Error ellipse: s-maj=39.5km s-min=16.9km az=15.0.									
NEIC	Event type se. Error ellipse: s-maj=38.8km s-min=14.8km az=201.0.									
ISC	I	04 09 17 54.6-46	28.00N-05	112.53W-05	10	4.6b,4.3s	101	5-119		
ISCJB	I	04 09 17 54.5-39	28.20N-04	112.45W-05	10	4.6b,4.3s		17997777		
ISCJB	I	04 09 17 54.8	28.00N	112.50W	9	5.0b,4.8b				
NEIC	I	04 09 17 54.8-47	28.00N	112.47W	10	4.9b,4.8b				
IDC	I	04 09 17 55.1-60	28.36N	112.49W	0	4.5,4.5				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=6.9km s-min=5.0km az=81.2.									
NEIC	Event type se. Error ellipse: s-maj=8.8km s-min=5.8km az=224.0.									
IDC	Error ellipse: s-maj=13.2km s-min=10.5km az=34.0.									
ISC	I	04 09 19 42.0-1.8	28.2N-20	113.3W-20	10	3.9b	14	8-44		
ISCJB	I	04 09 19 40.8-1.8	28.2N-20	113.2W-20	10	3.9b		19477465		
IDC	I	04 09 19 40.2-2.2	28.01N	113.30W	0	4.4L,4.3				
NEIC	I	04 09 19 44.4-2.6	28.42N	112.59W	10	4.1b,4.3				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=31.3km s-min=16.1km az=64.1.									
IDC	Error ellipse: s-maj=39.8km s-min=15.9km az=35.0.									
NEIC	Event type se. Error ellipse: s-maj=63.3km s-min=20.4km az=47.0.									
ISC	V	01 20 53 20.9-2.2	29.87N-05	114.65W-05	11-13	4.6s,4.5b	108	1-100		
BJI	V	01 20 53 17.6	30.01N	113.78W	14	5.6b,5.2s		18321456		
ISCJB	V	01 20 53 19.3-46	29.90N-04	114.57W-04	10	4.6s,4.5b				
ECX	V	01 20 53 19.4-26	30.41N	114.07W	6-0	4.6,4.6L				
MOS	V	01 20 53 20.2-1.4	30.03N	114.46W	13	4.9b,4.6L				
IDC	V	01 20 53 20.0-1.1	30.00N	114.29W	0	4.4,4.3				
NEIC	V	01 20 53 21.0-87	29.81N	114.59W	10	4.5b,4.3				
HRVD	V	01 20 53 21.0-50	30.41N	114.46W	14-1	4.9W,4.3				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=7.7km s-min=3.7km az=77.3.									
ECX	Error ellipse: s-maj=7.7km s-min=4.6km az=-1.0.									
MOS	Error ellipse: s-maj=11.0km s-min=5.8km az=97.4.									
IDC	Error ellipse: s-maj=27.4km s-min=15.2km az=57.0.									
NEIC	Event type se. Error ellipse: s-maj=14.3km s-min=7.5km az=46.0.									
HRVD	Error ellipse: s-maj=3.3km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s12,c14; Mantle waves: s58,c81; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -2.15±21; M _{θθ} 0.16±13; M _{φφ} 1.99±15; M _{rr} 1.61±47; M _{θθ} 0.55±08; M _{φφ} -0.47±29; Best double couple: NP1:φ ₁ 221.0000°; λ ₁ 52.0000°; λ ₂ 52.0000°; NP2:φ ₂ 350.0000°; λ ₂ 85.0000°; λ ₃ -127.0000°; Principal axes: T 1.1400,Plg0.0000°; Azm105.0000°; N 0.9220,Plg29.0000°; Azm15.0000°; P -3.0640,Plg61.0000°; Azm196.0000°; M ₀ 2.60200×10 ¹⁶ .									
ISC	IV	23 07 51 29.9-2.3	28.79N-08	112.82W-08	2-14	3.4s,3.4b	26	4-42		
ISCJB	IV	23 07 51 29.1-81	28.85N-06	112.73W-08	10	3.4s,3.4b		19597769		
IDC	IV	23 07 51 29.0-1.5	28.95N	112.94W	0	3.6,3.5				
NEIC	IV	23 07 51 31.5-1.1	28.85N	112.70W	10	4.0L,3.5				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=10.6km s-min=8.2km az=175.3.									
IDC	Error ellipse: s-maj=28.9km s-min=16.9km az=65.0.									
NEIC	Event type se. Error ellipse: s-maj=15.8km s-min=9.8km az=53.0.									
IDC	III	17 16 48 56.0-6.5	26.87N	110.91W	0	3.5L,3.4				
IDC	Error ellipse: s-maj=95.5km s-min=82.8km az=23.0.									
ISC	VI	16 08 46 47.3-1.9	27.51N-05	111.49W-07	7-14	4.1b,3.8s	76	4-98		
ISCJB	VI	16 08 46 45.3-47	27.57N-05	111.45W-07	5	4.1b,3.8s		19222087		
NEIC	VI	16 08 46 46.0-90	27.51N	111.60W	5	4.4b,3.8s				
IDC	VI	16 08 46 46.2-1.3	27.54N	111.37W	0	4.1,4.0b				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=9.9km s-min=4.3km az=107.2.									
NEIC	Event type se. Error ellipse: s-maj=17.4km s-min=9.7km az=72.0.									
IDC	Error ellipse: s-maj=43.3km s-min=14.0km az=67.0.									
ISC	III	05 10 19 42.5-54	23.87N-05	108.44W-05	10	4.4b,3.9s	74	2-123		
ISCJB	III	05 10 19 40.6-54	23.89N-05	108.42W-05	10	4.4b,3.9s		10597798		
MEX	III	05 10 19 40.1-60	23.99N	108.75W	14-13	4.7,3.9s				
IDC	III	05 10 19 40.0-1.0	23.99N	108.42W	0	4.4,4.3				
NEIC	III	05 10 19 42.0-49	23.84N	108.46W	10	4.4b,4.3				

ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=9.2km s-min=3.7km az=83.3.									
MEX	Error ellipse: s-maj=62.9km s-min=14.3km az=-1.0.									
IDC	Error ellipse: s-maj=36.8km s-min=14.4km az=55.0.									
NEIC	Event type se. Error ellipse: s-maj=9.1km s-min=5.3km az=53.0.									
ISC	II	05 00 43 34.8-1.6	28.1N-10	111.4W-10	10	3.8s,3.1b	13	4-43		
ISCJB	II	05 00 43 31.4-1.7	28.0N-10	111.5W-10	10	3.8s,3.1b		19569857		
NEIC	II	05 00 43 34.9-3.0	28.09N	111.41W	10	3.8s,3.1b				
IDC	II	05 00 43 34.9-3.4	27.42N	111.03W	0	3.8,3.8s				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=16.3km s-min=11.8km az=75.9.									
NEIC	Event type se. Error ellipse: s-maj=43.1km s-min=15.0km az=200.0.									
IDC	Error ellipse: s-maj=45.1km s-min=18.7km az=12.0.									
IDC	II	13 15 41 01.4-6.3	26.00N	111.56W	0	3.7s,3.7				
IDC	Error ellipse: s-maj=89.9km s-min=66.6km az=165.0.									
ECX	II	23 01 22 02.2-3.1	30.62N	114.20W	5-4	3.9L,3.8				
ECX	Error ellipse: s-maj=6.4km s-min=4.7km az=-1.0.									
IDC	IV	12 06 04 52.8-11	26.44N	110.93W	0	3.5L,3.5				
IDC	Error ellipse: s-maj=214.3km s-min=67.2km az=138.0.									
ISC	V	24 18 18 04.5-47	26.84N-05	111.24W-04	10	4.7b,4.6s	172	3-119		
BJI	V	24 18 17 58.7	26.70N	111.20W	10	5.5b,5.0s		18358576		
IDC	V	24 18 18 01.2-1.3	26.77N	111.49W	0	4.6,4.6s				
NEIC	V	24 18 18 02.7-58	26.70N	111.23W	10	4.7b,4.6s				
HRVD	V	24 18 18 02.7-30	27.00N	111.32W	17-1	5.2W,4.6s				
ISCJB	V	24 18 18 03.9-42	26.98N-04	111.18W-04	10	4.7b,4.6s				
MOS	V	24 18 18 04.8-1.7	27.07N	111.16W	10	5.0b,4.6s				
SZGRF	V	24 18 18 15.6	27.66N	111.57W	33	4.6b,4.6s				
ISC	Event type se.									
IDC	Error ellipse: s-maj=38.5km s-min=13.7km az=67.0.									
NEIC	Event type se. Error ellipse: s-maj=8.1km s-min=5.3km az=200.0. Felt at Mulege, Baja California Sur.									
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s39,c52; Mantle waves: s86,c154; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -0.86±18; M _{θθ} -6.60±16; M _φ									

IDC	I	04 12 26 03.6-3.7	28.34N	112.26W	0	3.6,3.4L			
IDC		Error ellipse: s-maj=58.1km s-min=20.6km az=20.0.					¶19477524		
IDC	I	03 06 53 33.4-3.3	28.33N	111.98W	0	3.6,3.5L			
IDC		Error ellipse: s-maj=53.2km s-min=15.3km az=16.0.					¶19477008		
IDC	I	04 02 42 10.2-2.6	28.36N	112.09W	0	3.4,3.3			
IDC		Error ellipse: s-maj=37.8km s-min=18.6km az=19.0.					¶19477376		
ISC	I	03 08 21 21.3-2.5	28.1N-20	111.9W-10	10	3.5s,3.3b	14	4-43	
ISCJB	I	03 08 21 20.5-2.4	28.3N-20	111.9W-10	10	3.5s,3.3b		¶19477032	
IDC	I	03 08 21 20.3-2.7	28.13N	111.90W	0	3.7,3.6s			
NEIC	I	03 08 21 24.5-2.4	28.50N	111.80W	10	3.7L,3.6s			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=34.7km s-min=10.9km az=38.4.							
IDC		Error ellipse: s-maj=44.1km s-min=16.8km az=22.0.							
NEIC		Event type se. Error ellipse: s-maj=37.1km s-min=12.2km az=22.0.							
ISC	I	04 03 45 07.7-6.2	28.09N-06	112.04W-06	10	4.2b,4.2s	67	4-117	
BJI	I	04 03 45 02.6	28.52N	111.46W	16	5.4b,5.1b		¶17997775	
ISCJB	I	04 03 45 05.8-6.2	28.11N-06	112.03W-07	10	4.2b,4.2s			
NEIC	I	04 03 45 06.3-7.1	27.95N	112.14W	10	4.6b,4.2s			
IDC	I	04 03 45 07.4-9.8	28.38N	111.91W	0	4.2b,4.2			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=10.5km s-min=6.0km az=98.9.							
NEIC		Event type se. Error ellipse: s-maj=11.7km s-min=5.8km az=46.0.							
IDC		Error ellipse: s-maj=18.0km s-min=11.9km az=41.0.							
ISC	I	04 08 30 39.8-6.7	28.02N-06	112.24W-06	10	4.3b	64	4-119	
BJI	I	04 08 30 37.5	28.64N	111.76W	12	5.4b,4.7s		¶18029737	
ISCJB	I	04 08 30 38.1-6.6	28.07N-06	112.22W-07	10	4.3b,4.7s			
IDC	I	04 08 30 39.4-1.2	28.31N	112.17W	0	4.3b,4.3			
NEIC	I	04 08 30 39.6-5.3	28.00N	112.26W	10	4.5b,4.3			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=10.5km s-min=5.8km az=86.9.							
IDC		Error ellipse: s-maj=23.8km s-min=14.9km az=48.0.							
NEIC		Event type se. Error ellipse: s-maj=8.7km s-min=4.8km az=225.0.							
ISC	I	04 09 05 54.2-1.6	28.4N-10	112.5W-10	10	3.7b	19	4-42	
ISCJB	I	04 09 05 52.9-1.6	28.5N-10	112.43W-10	10	3.7b		¶19477460	
IDC	I	04 09 05 53.3-2.3	28.37N	112.43W	0	3.9,3.8b			
NEIC	I	04 09 05 54.7-2.1	28.45N	112.47W	10	4.1b,3.8b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=19.0km s-min=12.4km az=175.1.							
IDC		Error ellipse: s-maj=34.1km s-min=14.3km az=21.0.							
NEIC		Event type se. Error ellipse: s-maj=31.3km s-min=13.7km az=204.0.							
ISC	I	04 10 27 25.0-9.0	28.16N-09	112.08W-09	10	5.1s,3.8b	29	4-119	
ISCJB	I	04 10 27 23.5-8.9	28.23N-08	112.08W-09	10	5.1s,3.8b		¶18029741	
BJI	I	04 10 27 24.0	28.20N	112.10W	10	5.2s,5.1s			
NEIC	I	04 10 27 25.0-1.0	28.16N	112.13W	10	4.4b,5.1s			
IDC	I	04 10 27 27.1-1.9	28.57N	111.98W	0	3.9L,3.9			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=14.0km s-min=8.3km az=76.3.							
NEIC		Event type se. Error ellipse: s-maj=15.9km s-min=7.7km az=219.0.							
IDC		Error ellipse: s-maj=33.4km s-min=15.0km az=27.0.							
ISC	I	05 03 55 54.7-1.6	28.1N-10	112.2W-10	10	3.9b	16	4-44	
ISCJB	I	05 03 55 52.9-1.8	28.11N	112.23W	0	3.9b,3.8		¶19477759	
IDC	I	05 03 55 53.7-1.6	28.3N-10	112.1W-10	10	3.9b,3.8			
NEIC	I	05 03 55 54.5-1.7	28.10N	112.17W	10	3.8b,3.8			
ISC		Event type se.							
IDC		Error ellipse: s-maj=26.6km s-min=13.8km az=29.0.							
ISCJB		Event type se. Error ellipse: s-maj=23.2km s-min=9.9km az=64.8.							
NEIC		Event type se. Error ellipse: s-maj=26.4km s-min=10.7km az=211.0.							
ISC	I	08 12 23 04.6-2.3	28.1N-20	112.1W-10	10	3.7b	16	4-43	
ISCJB	I	08 12 23 03.2-2.2	28.2N-20	112.0W-10	10	3.7b		¶19478972	
IDC	I	08 12 23 04.1-2.5	28.23N	112.03W	0	3.8,3.6b			
NEIC	I	08 12 23 05.6-2.3	28.23N	111.99W	10	4.0b,3.6b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=31.8km s-min=11.0km az=49.0.							
IDC		Error ellipse: s-maj=37.0km s-min=13.7km az=23.0.							
NEIC		Event type se. Error ellipse: s-maj=33.7km s-min=11.8km az=205.0.							
ISC	I	23 19 47 29.3-4.0	24.5N-30	109.3W-20	10	3.4b,3.3s	12	7-47	
ISCJB	I	23 19 47 27.8-4.2	24.5N-40	109.2W-20	10	3.4b,3.3s		¶19485258	
NEIC	I	23 19 47 31.7-3.2	24.72N	109.59W	10	3.7b,3.3s			
IDC	I	23 19 47 32.0-4.7	24.93N	109.46W	0	3.9,3.8			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=56.2km s-min=14.3km az=137.7.							
NEIC		Event type se. Error ellipse: s-maj=42.8km s-min=22.5km az=176.0.							
IDC		Error ellipse: s-maj=66.9km s-min=23.4km az=163.0.							
ISC	I	04 08 32 33.5-14	28.23N-02	112.13W-02	14	6.8s,5.9b	682	4-149	
BJI	I	04 08 32 30.0	28.54N	111.76W	12	7.1s,6.8s		¶17997776	
EXC	I	04 08 32 30.4-31	28.06N	112.18W	7-0	6.5L,6.8s			
ISCJB	I	04 08 32 31.9-14	28.26N-02	112.12W-02	14	6.8s,5.9b			
IDC	I	04 08 32 31.0-43	28.43N	111.93W	0	6.7,6.7s			
MOS	I	04 08 32 31.6-1.8	28.28N	112.13W	10	7.1s,6.3b			
HRVD	I	04 08 32 32.4-10	28.38N	112.51W	15	6.6W,6.3b			
NEIC	I	04 08 32 32.4-19	28.16N	112.12W	14	7.1,6.7s			
IGIL	I	04 08 32 32.0	28.10N	112.07W	7	7.1s,6.7s			
BGS	I	04 08 32 34.0-2.0	28.10N	112.07W	10-0	6.0b,6.7s			
SZGRF	I	04 08 32 37.0	28.48N	113.09W	33	7.3s,6.0b			
ISC		Event type fe.							
EXC		Error ellipse: s-maj=2.4km s-min=2.8km az=-1.0.							
ISCJB		Event type fe. Error ellipse: s-maj=3.3km s-min=2.1km az=102.7.							
IDC		Error ellipse: s-maj=11.7km s-min=9.2km az=53.0.							
MOS		Error ellipse: s-maj=5.6km s-min=3.7km az=85.8.							
HRVD		Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s86,c211; Mantle waves: s83,c374; Half duration: 4#8 Moment tensor: Scale 10 ¹⁹ N; M _{rr} -0.03±0.01 M _{θθ} -0.93±0.01; M _{φφ} 0.95±0.01; M _{rr} -0.00±0.02; M _{θθ} -0.20±0.01; M _{φφ} -0.04±0.02; Best double couple: NP1:φ=129.00000°,δ88.00000°,λ178.00000°. NP2:φ=219.00000°,δ88.00000°,λ2.00000°. Principal axes: T 0.9780,Plg2.0000°,AzM84.0000°; N -0.0320,Plg87.0000°,AzM256.0000°; P -0.9460,Plg0.0000°,AzM354.0000° M ₀ 0.96200×10 ¹⁹							
NEIC		Event type fe. Error ellipse: s-maj=4.3km s-min=2.8km az=51.0. Felt [IV] at Guaymas, Hermosillo and Bahia de Kino, Mexico. Also felt at Guerrero Negro, Mulege, San Quintin and Santa Isabel. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=125.00000°,δ75.00000°,λ180.00000°. NP2:φ=35.00000°,δ90.00000°,λ-15.00000°. Principal axes: T Plg11.0000°,AzM81.0000°; N Plg0.0000°,AzM0.0000°; P Plg11.0000°,AzM349.0000° Moment Tensor Solution. s34 Moment tensor: Scale 10 ¹⁹ N; M _{rr} -0.45 M _{θθ} -5.86 M _{φφ} 6.31 M _{rr} -0.98 M _{θθ} -2.23 M _{φφ} -1.77 Best double couple: NP1:φ=125.00000°,δ73.00000°,λ-180.00000°. NP2:φ=35.00000°,δ90.00000°,λ-17.00000°. Principal axes: T 7.0500,Plg12.0000°,AzM81.0000°; N -0.5100,Plg73.0000°,AzM214.0000°; P -6.5300,Plg12.0000°,AzM348.0000° M ₀ 6.80000×10 ¹⁸ Moment Tensor Solution. M ₀ 5.10000×10 ¹⁸ Error ellipse: s-maj=557.8km s-min=999.9km az=-1.0.							
BGS		Event type se. Error ellipse: s-maj=557.8km s-min=999.9km az=-1.0.							
SZGRF	I	03 21 58 24.1-2.2	28.4N-20	112.1W-10	10	3.5b	16	4-42	
IDC	I	03 21 58 21.6-3.1	28.30N	112.15W	0	3.8,3.8L		¶19477284	
ISCJB	I	03 21 58 22.7-2.2	28.5N-20	112.0W-10	10	3.5b,3.8L			
NEIC	I	03 21 58 23.8-2.3	28.33N	112.10W	10	4.3b,3.8L			
ISC		Event type se.							
IDC		Error ellipse: s-maj=50.5km s-min=14.3km az=16.0.							
ISCJB		Event type se. Error ellipse: s-maj=29.7km s-min=8.8km az=42.5.							
NEIC		Event type se. Error ellipse: s-maj=33.7km s-min=12.0km az=208.0.							
ISC	I	07 07 55 19.9-1.2	28.25N-08	112.04W-09	10	3.4b	22	4-43	
ISCJB	I	07 07 55 19.7-1.2	28.36N-08	111.90W-10	10	3.4b		¶19478523	
NEIC	I	07 07 55 20.6-2.4	28.37N	112.04W	10	4.0L			
IDC	I	07 07 55 21.4-3.3	28.49N	111.87W	0	3.7,3.5L			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=13.2km s-min=10.2km az=122.5.							
NEIC		Event type se. Error ellipse: s-maj=34.5km s-min=11.8km az=204.0.							
IDC		Error ellipse: s-maj=51.8km s-min=13.4km az=26.0.							
ISC	I	15 21 32 23.6-1.4	28.59N-09	112.95W-08	10	3.3b,3.3s	12	4-42	

ISCJB	I	15 21 32 20.5-1.4	28.49N-09	112.92W-06	10	3.3b,3.3s		¶19481846	
IDC	I	15 21 32 20.7-2.7	28.40N	113.02W	0	4.4L,4.0			
NEIC	I	15 21 32 25.6-2.1	28.87N	112.84W	10	3.7L,4.0			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=13.8km s-min=6.5km az=39.9.							
IDC		Error ellipse: s-maj=38.1km s-min=19.1km az=21.0.							
NEIC		Event type se. Error ellipse: s-maj=31.1km							

ISCJB	II	09 06 54 27.8-2.3	17.7N-10	105.93W-09	44-17	4.2b,4.0b			
BJI	II	09 06 54 27.7	17.70N	106.00W	47	5.6b,5.2b			
NEIC	II	09 06 54 29.7-89	17.72N	105.98W	48	4.1b,5.2b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=122.4km s-min=72.5km az=124.0.								
ISCJB	Event type se. Error ellipse: s-maj=22.9km s-min=10.5km az=54.4.								
NEIC	Event type se. Error ellipse: s-maj=13.9km s-min=9.0km az=203.0.								
IDC	II	22 18 48 13.7-9.5	18.65N	107.19W	0	3.8,3.7			
IDC	Error ellipse: s-maj=171.1km s-min=125.0km az=17.0.								
ISC	I	20 01 38 37.9-73	18.71N-04	106.97W-04	49-6	4.8b,4.4s	212	3-128	
MOS	I	20 01 38 29.7-92	18.18N	106.98W	33	5.1b,4.6s			18037810
IDC	I	20 01 38 31.8-75	18.83N	106.98W	0	4.6,4.5b			
MEX	I	20 01 38 33.0-3	18.70N	107.17W	34-178	4.9,4.5b			
NEIC	I	20 01 38 33.4	18.71N	107.16W	38	4.9b,4.9			
HRVD	I	20 01 38 33.4-30	18.84N	107.12W	22-1	5.2W,4.9			
ISCJB	I	20 01 38 35.9-86	18.69N-04	106.92W-04	51-7	4.8b,4.4s			
BJI	I	20 01 38 39.0	19.19N	107.22W	70	5.4b,5.1b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=12.2km s-min=4.9km az=95.8.								
IDC	Error ellipse: s-maj=27.9km s-min=10.5km az=61.0.								
MEX	Error ellipse: s-maj=29.8km s-min=40.2km az=-1.0.								
NEIC	Event type se. After MEX.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s44,c59; Mantle waves: s64,c109; Half duration: 0 Moment tensor: Scale 1016 Nm; Mrr-0.50±.21 Mθθ-3.29±.19; Mφφ-3.79±.24; Mrr-0.84±.31; Mθθ-5.09±.17; Mφφ-1.66±.37; Best double couple: NP1:φ=287.00000°;δ80.00000°;λ170.00000°;NP2:φ=18.00000°;δ80.00000°;λ10.00000°. Principal axes: T 6.9160,Plg14.0000°;AzM242.0000°;N -0.9690,Plg76.0000°;AzM61.0000°;P -5.9500,Plg0.0000°;AzM152.0000°;Mφ.43300°x10 ¹⁶								
ISCJB	Event type se. Error ellipse: s-maj=8.2km s-min=3.9km az=84.1.								
ISC	IV	04 02 30 28.9-19	18.75N-03	107.05W-02	34	5.5s,5.3b	582	2-144	
IDC	IV	04 02 30 22.4-52	18.73N	107.12W	0	5.3s,5.3			18197993
MOS	IV	04 02 30 26.8-1.1	18.73N	107.15W	33	5.6s,5.5b			
ISCJB	IV	04 02 30 26.9-20	18.75N-03	107.02W-02	31	5.5s,5.3b			
BJI	IV	04 02 30 26.2	18.77N	106.87W	36	5.8s,5.7b			
MEX	IV	04 02 30 27.5-2.5	18.88N	106.86W	13-16	5.6,5.7b			
NEIC	IV	04 02 30 28.4-25	18.72N	106.99W	34	5.9W,5.6			
HRVD	IV	04 02 30 28.4-10	18.75N	107.10W	26-0	6.0W,5.6			
SZGRF	IV	04 02 30 29.2	18.45N	107.05W	33	5.7s,5.2b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=15.9km s-min=9.3km az=50.0.								
MOS	Error ellipse: s-maj=7.1km s-min=3.9km az=88.5.								
ISCJB	Event type se. Error ellipse: s-maj=4.2km s-min=2.5km az=69.4.								
MEX	Error ellipse: s-maj=11.5km s-min=10.9km az=-1.0.								
NEIC	Event type se. Error ellipse: s-maj=5.4km s-min=2.8km az=215.0. Moment Tensor Solution. s16 Moment tensor: Scale 1017Nm; Mrr-1.37 Mθθ-5.04 Mφφ-6.41 Mrr-0.83 Mθθ-5.65 Mφφ-2.53 Best double couple: NP1:φ=203.00000°;δ82.00000°;λ11.00000°;NP2:φ=112.00000°;δ79.00000°;λ171.00000°. Principal axes: T 9.3900,Plg14.0000°;AzM68.0000°;N -2.0200,Plg76.0000°;AzM240.0000°;P -7.3600,Plg2.0000°;AzM337.0000°;Mφ.40000°x10 ¹⁷								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s96,c215; Mantle waves: s104,c339; Half duration: 294 Moment tensor: Scale 1018Nm; Mrr-0.07±.01 Mθθ-0.61±.01; Mφφ-0.68±.01; Mrr-0.14±.02; Mθθ-0.91±.01; Mφφ-0.16±.02; Best double couple: NP1:φ=18.00000°;δ81.00000°;λ4.00000°;NP2:φ=287.00000°;δ86.00000°;λ171.00000°. Principal axes: T 1.1830,Plg9.0000°;AzM243.0000°;N -0.0960,Plg80.0000°;AzM80.0000°;P -1.0870,Plg3.0000°;AzM333.0000°;Mφ.1.13500°x10 ¹⁸								
SZGRF	Off coast of Jalisco, Mexico.								
(55) Near coast of Jalisco.									
MEX	IV	03 01 52 36.7-48	18.22N	104.04W	14-23	3.9			
MEX	Error ellipse: s-maj=21.6km s-min=5.5km az=-1.0.								
MEX	IV	09 16 07 29.9-1.1	19.49N	104.51W	98-28	3.8			110540175
MEX	Error ellipse: s-maj=38.3km s-min=22.6km az=-1.0.								
MEX	IV	23 10 39 38.5-34	19.74N	105.33W	31-22	4.1			110540244
MEX	Error ellipse: s-maj=18.7km s-min=7.5km az=-1.0.								
MEX	IV	16 05 07 43.4-92	19.53N	105.23W	6-26	4.1			
NEIC	IV	16 05 07 44.2	19.48N	105.20W	10	4.1			110540213
MEX	Error ellipse: s-maj=22.1km s-min=16.9km az=-1.0.								
NEIC	Event type se. After MEX.								
MEX	III	26 09 28 14.5-78	18.85N	104.18W	24-132	3.7			110610931
MEX	Error ellipse: s-maj=26.3km s-min=22.2km az=-1.0.								
MEX	III	30 08 53 50.1-82	19.46N	104.44W	85-17	4.2			110613402
MEX	Error ellipse: s-maj=14.7km s-min=8.4km az=-1.0.								
MEX	III	25 05 29 03.4-75	19.19N	104.22W	5-9	4.4			110610095
MEX	Error ellipse: s-maj=7.8km s-min=3.0km az=-1.0.								
MEX	III	29 17 52 36.4-52	18.70N	104.63W	5-10	4.4			110613014
MEX	Error ellipse: s-maj=9.0km s-min=5.2km az=-1.0.								
ISC	II	17 01 20 22.1-89	19.29N-06	105.01W-05	30-4	4.3b,3.5s	92	0-124	
IDC	II	17 01 20 15.9-1.2	19.15N	105.12W	0	4.4,4.3			18192694
NEIC	II	17 01 20 20.8	19.15N	105.17W	20	4.7,4.4b			
MEX	II	17 01 20 20.8-77	19.15N	105.17W	20-29	4.7,4.4b			
ISCJB	II	17 01 20 21.1-81	19.27N-07	104.98W-05	38-5	4.3b,3.5s			
ISC	Event type se.								
NEIC	Event type se. After MEX.								
ISCJB	Event type se.								
MEX	V	01 22 40 54.0-61	18.65N	104.79W	26-81	4.2			
NEIC	V	01 22 40 54.0	18.65N	104.79W	24	4.3			19130685
MEX	Error ellipse: s-maj=8.5km s-min=27.2km az=-1.0.								
NEIC	Event type se. After MEX.								
MEX	VI	02 01 21 09.7-51	18.94N	104.73W	16-12	4.3			
NEIC	VI	02 01 21 09.8	18.98N	104.74W	13	4.3			19221303
MEX	Error ellipse: s-maj=11.9km s-min=5.4km az=-1.0.								
NEIC	Event type se. After MEX.								
(56) Near coast of Michoacan.									
MEX	IV	03 00 23 21.5-83	17.82N	103.59W	10-0	3.9			
MEX	Error ellipse: s-maj=13.2km s-min=6.0km az=-1.0.								
MEX	IV	03 21 34 02.7-1.3	18.23N	103.65W	4-28	4.4			
NEIC	IV	03 21 34 02.7	18.23N	103.65W	4	4.4			110540179
MEX	Error ellipse: s-maj=24.8km s-min=8.2km az=-1.0.								
NEIC	Event type se. After MEX.								
MEX	III	26 14 41 38.7-86	18.41N	103.12W	5-0	4.2			110611078
MEX	Error ellipse: s-maj=10.7km s-min=4.2km az=-1.0.								
MEX	III	08 07 37 50.1-64	17.70N	103.59W	10-0	4.0			110599529
MEX	Error ellipse: s-maj=14.1km s-min=6.8km az=-1.0.								
MEX	II	09 16 21 22.8-41	18.16N	103.46W	12-29	3.9			110539342
MEX	Error ellipse: s-maj=20.4km s-min=21.4km az=-1.0.								
MEX	V	03 16 18 08.0-85	18.34N	103.12W	5-11	4.0			
NEIC	V	03 16 18 08.0	18.33N	103.12W	5	4.0			19130749
MEX	Error ellipse: s-maj=7.5km s-min=4.5km az=-1.0.								
NEIC	Event type se. After MEX.								
MEX	V	13 11 31 25.8-76	18.40N	103.34W	9-13	4.1			110540287
MEX	Error ellipse: s-maj=10.0km s-min=4.9km az=-1.0.								
MEX	V	09 11 55 45.2-81	17.54N	103.48W	17-46	3.9			
NEIC	V	09 11 55 45.2	17.54N	103.48W	17	3.9			19131072
MEX	Error ellipse: s-maj=15.1km s-min=12.0km az=-1.0.								

NEIC	Event type se. After MEX.								
ISC	V	18 23 51 19.5-66	18.79N-06	103.80W-04	55-8	3.7b	42	0-85	
IDC	V	18 23 51 13.1-6.6	19.01N	103.14W	0	4.1,3.8			19131706
ISCJB	V	18 23 51 18.3-67	18.76N-06	103.77W-04	62-7	3.7b,3.8			
MEX	V	18 23 51 20.5-52	18.78N	103.74W	12-7	4.6,3.8			
NEIC	V	18 23 51 21.0	18.77N	103.75W	20	4.6,3.8			
ISC	Event type se.								
IDC	Error ellipse: s-maj=161.9km s-min=67.8km az=31.0.								
ISCJB	Event type se. Error ellipse: s-maj=10.7km s-min=4.5km az=54.2.								
MEX	Error ellipse: s-maj=4.6km s-min=2.3km az=-1.0.								
NEIC	Event type se. Felt at Colima. After MEX.								
MEX	I	26 04 33 39.9-83	17.87N	103.47W	14-24	4.0			
NEIC	I	26 04 33 40.1	17.92N	103.55W	19	4.1			19431064
MEX	Error ellipse: s-maj=17.4km s-min=10.3km az=-1.0.								
NEIC	Event type se. After MEX.								
MEX	I	22 09 05 24.1-1.1	17.19N	102.34W	10-232	3.7			
NEIC	I	22 09 05 22.6	17.10N	102.46W	16	3.7			19430947
MEX	Error ellipse: s-maj=36.0km s-min=203.7km az=-1.0.								
NEIC	Event type se. After MEX.								
MEX	I	01 14 53 08.7-63	17.30N	102.25W	20-82	3.8			
NEIC	I	01 14 53 08.7	17.30N	102.25W	20	3.8			19430353
MEX	Error ellipse: s-maj=37.5km s-min=8.1km az=-1.0.								
NEIC	Event type se. After MEX.								
MEX	I	05 08 07 51.1-50	17.99N	103.13W	17-13	3.9			19430441
MEX	Error ellipse: s-maj=7.2km s-min=10.6km az=-1.0.								
(57) Michoacan.									
MEX	IV	30 18 39 02.7-1.1	19.97N	100.83W	15-20	4.2			
NEIC	IV	30 18 39 02.5	19.99N	100.84W	15	4.2			18321390
MEX	Error ellipse: s-maj=9.3km s-min=11.2km az=-1.0.								
NEIC	Event type se. After MEX.								
MEX	V	09 11 45 52.5-84	18.14N	102.92W	4-14	4.1			
NEIC	V	09 11 45 53.6	18.13N	102.95W	15	4.1			19131070
MEX	Error ellipse: s-maj=5.6km s-min=5.5km az=-1.0.								
NEIC	Event type se. After MEX.								
MEX	IV	16 19 09 53.2-56	18.51N	102.07W	27-17	3.7b			
NEIC	IV	16 19 09 52.9	18.52N	102.09W	30	3.9			110540215
MEX	Error ellipse: s-maj=2.3km s-min=10.7km az=-1.0.								
NEIC	Event type se. After MEX.								
MEX	III	17 13 08 35.1-50	18.77N	102.62W	26-17	4.2			110605389
MEX	Error ellipse: s-maj=4.9km s-min=4.6km az=-1.0.								
MEX	III	01 10 30 40.4-91	19.99N	100.92W	20-105	3.7			110595075
MEX	Error ellipse: s-maj=58.1km s-min=70.0km az=-1.0.								
MEX	II	05 19 19 36.3-1.1	18.22N	102.35W	16-87	4.1			110539296
MEX	Error ellipse: s-maj=7.5km s-min=11.9km az=-1.0.								
ISC	II	17 19 54 11.7-40	18.35N-04	102.57W-03	44	4.3b,3.8s	82	2-144	
ISCJB	II	17 19 54 09.5-40	18.32N-03	102.58W-03	42	4.3b,3.8s			18192720
IDC	II	17 19 54 11.6-80	18.42N	102.45W	42-5	4.2,4.1			
NEIC	II	17 19 54 10.4	18.36N	102.51W	37	4.3,4.3b			
MEX	II	17 19 54 14.0-83	18.36N	102.50W	37-23	4.3,4.3b			
ISC	Event type								

MEX VI	04 09 18 54.7-38	16.72N	99.88W	6-3	3.5			
MEX	Error ellipse: s-maj=3.0km s-min=3.1km az=-1.0.							
MEX III	25 15 07 57.4-49	16.06N	98.99W	23-24	3.8	¶10540324		
MEX	Error ellipse: s-maj=10.5km s-min=6.2km az=-1.0.							
MEX III	30 23 42 52.3-31	16.72N	99.66W	4-2	3.5	¶10610433		
MEX	Error ellipse: s-maj=5.6km s-min=3.1km az=-1.0.							
MEX IV	03 22 54 07.1-1.2	17.10N	99.71W	51-18	3.5	¶10614002		
(59) Guerrero.								
MEX	Error ellipse: s-maj=7.3km s-min=8.6km az=-1.0.							
MEX IV	08 22 55 28.9-1.2	18.51N	100.89W	48-41	3.8	¶10540180		
NEIC	Error ellipse: s-maj=10.8km s-min=14.1km az=-1.0.							
NEIC IV	08 22 55 29.1	18.51N	100.87W	48	3.8	¶10540191		
MEX	Event type se. After MEX.							
NEIC	Error ellipse: s-maj=7.8km s-min=13.1km az=-1.0.							
NEIC IV	23 00 10 49.5-77	17.02N	100.29W	9-3	3.6	¶10540242		
MEX	Error ellipse: s-maj=7.6km s-min=11.7km az=-1.0.							
MEX IV	05 17 44 03.0-51	17.15N	100.62W	4-4	3.6	¶10540185		
MEX	Error ellipse: s-maj=5.6km s-min=5.8km az=-1.0.							
MEX IV	29 12 34 40.4-51	17.21N	100.34W	32-10	3.7	¶10540262		
NEIC	Error ellipse: s-maj=7.3km s-min=10.5km az=-1.0.							
NEIC IV	29 12 34 38.9	17.14N	100.44W	45	3.7	¶10540281		
MEX	Event type se. After MEX.							
MEX V	09 23 20 54.4-1.4	17.78N	99.73W	3-12	3.7	¶10540263		
MEX	Error ellipse: s-maj=15.9km s-min=22.4km az=-1.0.							
MEX IV	29 16 46 45.9-76	17.29N	100.64W	41-18	3.6	¶10540241		
MEX	Error ellipse: s-maj=9.8km s-min=12.2km az=-1.0.							
MEX IV	22 19 57 36.5-63	18.22N	101.92W	23-20	4.1	¶10540241		
NEIC	Error ellipse: s-maj=3.4km s-min=10.6km az=-1.0.							
NEIC IV	22 19 57 36.3	18.22N	101.94W	20	4.1	¶10540241		
MEX	Event type se. After MEX.							
ISC	Error ellipse: s-maj=62.5km s-min=41.0km az=70.0.							
ISC IV	10 21 58 24.9-57	18.44N-04	101.26W-05	63-7	3.6b	51	1-128	
IDC	Error ellipse: s-maj=6.9km s-min=6.5km az=83.8.							
IDC IV	10 21 58 16.2-1.8	18.43N	100.70W	0	3.9,3.7	¶19594594		
ISCJB	Event type se. Error ellipse: s-maj=4.9km s-min=9.0km az=-1.0.							
ISCJB IV	10 21 58 24.2-54	18.40N-04	101.23W-04	71-6	3.5b,3.7			
MEX	Event type se. After MEX.							
MEX IV	10 21 58 26.5-1.4	18.45N	101.28W	60-31	4.1,3.7			
NEIC	Event type se. After MEX.							
NEIC IV	10 21 58 27.2	18.45N	101.09W	48	4.0,4.0b			
ISC	Event type se. Error ellipse: s-maj=4.2km s-min=4.2km az=-1.0.							
ISC IV	22 00 37 48.6-60	17.92N	99.54W	8-15	3.6	¶10608127		
ISCJB	Event type se. Error ellipse: s-maj=5.6km s-min=5.8km az=-1.0.							
ISCJB III	26 02 49 14.7-93	17.11N	99.28W	58-23	3.6	¶10610755		
MEX	Error ellipse: s-maj=5.8km s-min=15.0km az=-1.0.							
MEX III	28 22 20 02.6-64	17.68N	99.64W	6-6	3.8	¶10612557		
MEX	Error ellipse: s-maj=4.3km s-min=9.4km az=-1.0.							
MEX III	29 06 09 58.0-1.1	17.17N	99.98W	20-85	4.0	¶10612727		
MEX	Error ellipse: s-maj=6.6km s-min=5.9km az=-1.0.							
MEX III	30 22 28 59.7-70	17.11N	99.64W	20-31	3.6	¶10613971		
MEX	Error ellipse: s-maj=4.0km s-min=4.5km az=-1.0.							
MEX III	03 11 41 38.5-88	17.11N	100.04W	38-13	3.7	¶10596524		
MEX	Error ellipse: s-maj=6.1km s-min=6.5km az=-1.0.							
MEX III	06 17 01 42.9-60	17.45N	100.88W	32-24	4.2	¶10598527		
MEX	Error ellipse: s-maj=10.6km s-min=8.0km az=-1.0.							
ISC	Event type se. Error ellipse: s-maj=4.6km s-min=2.2km az=69.6.							
ISC III	20 23 37 04.3-22	18.62N-03	101.89W-02	69	4.8b	391	1-153	
ISCJB	Event type se. Error ellipse: s-maj=7.8km s-min=4.4km az=86.0.							
MOS	Event type se. Error ellipse: s-maj=17.4km s-min=8.4km az=61.0.							
MOS III	20 23 37 02.4-22	18.61N-03	101.93W-02	67	4.8b	¶10607539		
IDC	Event type se. Error ellipse: s-maj=1.7km s-min=4.1km az=-1.0.							
IDC III	20 23 37 03.3-1.0	18.71N	101.70W	69	5.2b			
MEX	Event type se. Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
MEX III	20 23 37 03.9-46	18.77N	101.81W	63-3	4.6,4.5			
HRVD	Event type se. Error ellipse: s-maj=4.2km s-min=7.8km az=-1.0.							
HRVD III	20 23 37 04.6-43	18.56N	102.02W	62-9	4.7,4.5			
NEIC	Event type se. Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
NEIC III	20 23 37 04.3-27	18.65N	101.73W	68	4.9b,5.2b			
ISC	Event type se. Error ellipse: s-maj=4.6km s-min=2.2km az=69.6.							
ISC III	20 23 37 04.3-22	18.62N-03	101.89W-02	69	4.8b	391	1-153	
MOS	Event type se. Error ellipse: s-maj=17.4km s-min=8.4km az=61.0.							
MOS III	20 23 37 02.4-22	18.61N-03	101.93W-02	67	4.8b	¶10607539		
IDC	Event type se. Error ellipse: s-maj=1.7km s-min=4.1km az=-1.0.							
IDC III	20 23 37 03.3-1.0	18.71N	101.70W	69	5.2b			
MEX	Event type se. Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
MEX III	20 23 37 03.9-46	18.77N	101.81W	63-3	4.6,4.5			
HRVD	Event type se. Error ellipse: s-maj=4.2km s-min=7.8km az=-1.0.							
HRVD III	20 23 37 04.6-43	18.56N	102.02W	62-9	4.7,4.5			
NEIC	Event type se. Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
NEIC III	20 23 37 04.3-27	18.65N	101.73W	68	4.9b,5.2b			
ISC	Event type se. Error ellipse: s-maj=4.6km s-min=2.2km az=69.6.							
ISC III	20 23 37 04.3-22	18.62N-03	101.89W-02	69	4.8b	391	1-153	
MOS	Event type se. Error ellipse: s-maj=17.4km s-min=8.4km az=61.0.							
MOS III	20 23 37 02.4-22	18.61N-03	101.93W-02	67	4.8b	¶10607539		
IDC	Event type se. Error ellipse: s-maj=1.7km s-min=4.1km az=-1.0.							
IDC III	20 23 37 03.3-1.0	18.71N	101.70W	69	5.2b			
MEX	Event type se. Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
MEX III	20 23 37 03.9-46	18.77N	101.81W	63-3	4.6,4.5			
HRVD	Event type se. Error ellipse: s-maj=4.2km s-min=7.8km az=-1.0.							
HRVD III	20 23 37 04.6-43	18.56N	102.02W	62-9	4.7,4.5			
NEIC	Event type se. Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
NEIC III	20 23 37 04.3-27	18.65N	101.73W	68	4.9b,5.2b			
ISC	Event type se. Error ellipse: s-maj=4.6km s-min=2.2km az=69.6.							
ISC III	20 23 37 04.3-22	18.62N-03	101.89W-02	69	4.8b	391	1-153	
MOS	Event type se. Error ellipse: s-maj=17.4km s-min=8.4km az=61.0.							
MOS III	20 23 37 02.4-22	18.61N-03	101.93W-02	67	4.8b	¶10607539		
IDC	Event type se. Error ellipse: s-maj=1.7km s-min=4.1km az=-1.0.							
IDC III	20 23 37 03.3-1.0	18.71N	101.70W	69	5.2b			
MEX	Event type se. Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
MEX III	20 23 37 03.9-46	18.77N	101.81W	63-3	4.6,4.5			
HRVD	Event type se. Error ellipse: s-maj=4.2km s-min=7.8km az=-1.0.							
HRVD III	20 23 37 04.6-43	18.56N	102.02W	62-9	4.7,4.5			
NEIC	Event type se. Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
NEIC III	20 23 37 04.3-27	18.65N	101.73W	68	4.9b,5.2b			
ISC	Event type se. Error ellipse: s-maj=4.6km s-min=2.2km az=69.6.							
ISC III	20 23 37 04.3-22	18.62N-03	101.89W-02	69	4.8b	391	1-153	
MOS	Event type se. Error ellipse: s-maj=17.4km s-min=8.4km az=61.0.							
MOS III	20 23 37 02.4-22	18.61N-03	101.93W-02	67	4.8b	¶10607539		
IDC	Event type se. Error ellipse: s-maj=1.7km s-min=4.1km az=-1.0.							
IDC III	20 23 37 03.3-1.0	18.71N	101.70W	69	5.2b			
MEX	Event type se. Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
MEX III	20 23 37 03.9-46	18.77N	101.81W	63-3	4.6,4.5			
HRVD	Event type se. Error ellipse: s-maj=4.2km s-min=7.8km az=-1.0.							
HRVD III	20 23 37 04.6-43	18.56N	102.02W	62-9	4.7,4.5			
NEIC	Event type se. Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
NEIC III	20 23 37 04.3-27	18.65N	101.73W	68	4.9b,5.2b			
ISC	Event type se. Error ellipse: s-maj=4.6km s-min=2.2km az=69.6.							
ISC III	20 23 37 04.3-22	18.62N-03	101.89W-02	69	4.8b	391	1-153	
MOS	Event type se. Error ellipse: s-maj=17.4km s-min=8.4km az=61.0.							
MOS III	20 23 37 02.4-22	18.61N-03	101.93W-02	67	4.8b	¶10607539		
IDC	Event type se. Error ellipse: s-maj=1.7km s-min=4.1km az=-1.0.							
IDC III	20 23 37 03.3-1.0	18.71N	101.70W	69	5.2b			
MEX	Event type se. Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
MEX III	20 23 37 03.9-46	18.77N	101.81W	63-3	4.6,4.5			
HRVD	Event type se. Error ellipse: s-maj=4.2km s-min=7.8km az=-1.0.							
HRVD III	20 23 37 04.6-43	18.56N	102.02W	62-9	4.7,4.5			
NEIC	Event type se. Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
NEIC III	20 23 37 04.3-27	18.65N	101.73W	68	4.9b,5.2b			
ISC	Event type se. Error ellipse: s-maj=4.6km s-min=2.2km az=69.6.							
ISC III	20 23 37 04.3-22	18.62N-03	101.89W-02	69	4.8b	391	1-153	
MOS	Event type se. Error ellipse: s-maj=17.4km s-min=8.4km az=61.0.							
MOS III	20 23 37 02.4-22	18.61N-03	101.93W-02	67	4.8b	¶10607539		
IDC	Event type se. Error ellipse: s-maj=1.7km s-min=4.1km az=-1.0.							
IDC III	20 23 37 03.3-1.0	18.71N	101.70W	69	5.2b			
MEX	Event type se. Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
MEX III	20 23 37 03.9-46	18.77N	101.81W	63-3	4.6,4.5			
HRVD	Event type se. Error ellipse: s-maj=4.2km s-min=7.8km az=-1.0.							
HRVD III	20 23 37 04.6-43	18.56N	102.02W	62-9	4.7,4.5			
NEIC	Event type se. Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
NEIC III	20 23 37 04.3-27	18.65N	101.73W	68	4.9b,5.2b			

NEIC	Event type se. After MEX.							
MEX VI	15 08 47 02.6-1.2	18.12N	100.83W	20-56	4.1			
NEIC VI	15 08 47 02.6	18.12N	100.84W	20	4.1	¶9221994		
MEX	Error ellipse: s-maj=4.1km s-min=4.0km az=-1.0.							
NEIC II	02 22 59 26.7-59	17.92N	100.59W	53-30	3.8	¶10539276		
MEX	Error ellipse: s-maj=7.8km s-min=13.1km az=-1.0.							
MEX II	07 04 29 05.0-1.0	17.10N	100.17W	41-14	3.5	¶10539319		
MEX	Error ellipse: s-maj=8.0km s-min=11.6km az=-1.0.							
ISC II	09 18 11 37.2-46	18.31N-04	101.06W-04	67-7	3.5b	53	1-128	
IDC	Event type se. Error ellipse: s-maj=6.7km s-min=5.7km az=73.5.							
IDC II	09 18 11 24.4-2.8	18.00N	100.27W	0	4.0,3.8	¶19570333		
ISCJB	Event type se. Error ellipse: s-maj=2.0km s-min=2.8km az=-1.0.							
ISCJB II	09 18 11 36.1-47	18.31N-04	101.07W-04	75-7	3.5b,3.8			
MEX	Event type se. After MEX.							
MEX II	09 18 11 38.2-61	18.31N	101.11W	69-9	4.1,3.8			
NEIC	Event type se. Error ellipse: s-maj=114.7km s-min=48.6km az=84.0.							
NEIC II	09 18 11 39.3	18.33N	100.98W	60	4.1,3.8			
ISC	Event type se. Error ellipse: s-maj=4.3km s-min=3.0km az=-1.0.							
ISC II	18 23 17 28.9-90	17.80N	98.25W	56-10	3.9	¶10539420		
IDC								

NEIC	V	15 09 49 12.4	16.68N	94.40W	117	3.9	¶19131518	ISC	Event type se.										
MEX		Error ellipse: s-maj=15.7km s-min=5.0km az=-1.0.						ISC	Error ellipse: s-maj=181.7km s-min=103.2km az=16.0.										
NEIC		Event type se. After MEX.						ISCJB	Event type se. Error ellipse: s-maj=9.2km s-min=4.9km az=17.1.										
NEIC	V	17 03 59 38.5-1.2	16.90N	94.27W	148-28	4.0	¶19131630	NEIC	Error ellipse: s-maj=9.5km s-min=10.6km az=-1.0.										
MEX	V	17 03 59 38.8	16.91N	94.26W	140	4.0		MEX	VI 20 23 16 22.8-1.5	16.54N	94.57W	84-36	4.0						
MEX		Error ellipse: s-maj=15.9km s-min=5.7km az=-1.0.						NEIC	VI 20 23 16 22.8	16.61N	94.58W	9	4.5b,4.0	¶19222329					
NEIC		Event type se. After MEX.						MEX	VI 20 23 16 22.8-1.5	16.54N	94.57W								
MEX	V	23 01 55 38.9-66	16.09N	95.73W	54-14	4.0	¶19131911	NEIC	Error ellipse: s-maj=8.3km s-min=7.3km az=-1.0.										
NEIC	V	23 01 55 39.1	16.11N	95.72W	47	4.0		NEIC	VI 29 17 04 51.8	16.19N	94.09W	95-20	4.2	¶19222844					
MEX		Error ellipse: s-maj=6.0km s-min=7.5km az=-1.0.						MEX	VI 29 17 04 52.2-97	16.24N	94.14W	86	4.2						
NEIC		Event type se. After MEX.						NEIC	VI 29 17 04 51.8	16.19N	94.09W								
MEX	V	23 07 47 53.4-78	16.63N	95.20W	108-22	4.0	¶10540306	MEX	Error ellipse: s-maj=12.6km s-min=5.4km az=-1.0.										
								NEIC	Event type se. After MEX.										
MEX		Error ellipse: s-maj=9.2km s-min=7.4km az=-1.0.						MEX	VI 27 23 50 10.5-62	16.19N	97.75W	25-15	3.7	¶19222748					
MEX	V	31 21 51 10.3-1.5	16.75N	95.08W	102-11	4.4		NEIC	VI 27 23 50 10.5	16.20N	97.75W	29	3.7						
NEIC	V	31 21 51 10.5	16.75N	95.08W	101	4.4	¶19132395	MEX	Error ellipse: s-maj=9.3km s-min=3.8km az=-1.0.										
MEX		Error ellipse: s-maj=7.7km s-min=5.6km az=-1.0.						NEIC	Event type se. After MEX.										
NEIC		Event type se. After MEX.						MEX	VI 27 08 43 41.9-77	17.82N	95.98W	60-45	3.8	¶10540339					
MEX	V	03 15 08 27.1-1.4	17.16N	95.19W	124-13	3.8	¶19130746	MEX	Error ellipse: s-maj=21.2km s-min=3.8km az=-1.0.										
NEIC	V	03 15 08 27.1	17.16N	95.19W	124	3.8		MEX	VI 13 02 21 39.5-92	16.97N	94.90W	127-9	3.8	¶19221904					
MEX		Error ellipse: s-maj=10.0km s-min=8.0km az=-1.0.						NEIC	VI 13 02 21 39.5	16.97N	94.90W	127	3.8						
NEIC		Event type se. After MEX.						MEX	Error ellipse: s-maj=7.9km s-min=6.9km az=-1.0.										
MEX	V	29 12 58 05.1-94	16.20N	97.66W	10-11	3.6	¶19132282	NEIC	Event type se. After MEX.										
NEIC	V	29 12 58 04.9	16.20N	97.65W	9	3.6		MEX	VI 05 19 17 57.7-82	17.07N	95.33W	113-8	4.2	¶19221475					
MEX		Error ellipse: s-maj=6.9km s-min=3.1km az=-1.0.						NEIC	VI 05 19 17 57.5	17.04N	95.31W	116	4.2						
NEIC		Event type se. After MEX.						MEX	Error ellipse: s-maj=6.8km s-min=4.2km az=-1.0.										
MEX	V	31 11 13 57.3-80	17.71N	95.52W	90-26	3.8	¶10540319	NEIC	Event type se. After MEX.										
								MEX	VI 03 14 56 15.5-76	16.03N	97.62W	16-13	3.9	¶19221396					
MEX		Error ellipse: s-maj=25.8km s-min=3.8km az=-1.0.						NEIC	VI 03 14 56 15.1	15.99N	97.62W	24	3.9						
MEX	I	24 05 41 11.5-79	16.06N	97.63W	15-83	3.6	¶19431000	MEX	Error ellipse: s-maj=9.5km s-min=6.7km az=-1.0.										
								NEIC	Event type se. After MEX.										
MEX		Error ellipse: s-maj=98.3km s-min=13.8km az=-1.0.						MEX	VI 02 18 10 05.2-1.2	16.63N	94.34W	110-14	4.0	¶19221337					
MEX	I	23 12 18 09.8-60	16.04N	97.13W	15-6	4.0	¶19430988	NEIC	VI 02 18 10 05.3	16.63N	94.34W	111	4.0						
NEIC	I	23 12 18 09.8	16.04N	97.13W	21	4.0		MEX	Error ellipse: s-maj=12.3km s-min=5.1km az=-1.0.										
MEX		Error ellipse: s-maj=2.9km s-min=2.0km az=-1.0.						NEIC	Event type se. After MEX.										
NEIC		Event type se. After MEX.						MEX	VI 27 05 37 36.8-61	16.06N	97.19W	8-7	4.2	¶19222688					
MEX	I	14 12 04 06.6-1.5	17.02N	95.03W	123-41	3.8	¶19430688	NEIC	VI 27 05 37 37.0	16.06N	97.19W	11	4.1,4.0b						
NEIC	I	14 12 04 06.6	17.05N	95.01W	118	3.8		MEX	Error ellipse: s-maj=4.9km s-min=2.5km az=-1.0.										
MEX		Error ellipse: s-maj=13.9km s-min=14.0km az=-1.0.						NEIC	Event type se. After MEX.										
NEIC		Event type se. After MEX.						MEX	VI 28 08 52 43.6-50	17.36N	95.91W	91-10	3.9	¶10540343					
MEX	I	11 13 48 32.9-1.0	17.14N	95.04W	157-29	4.0	¶19430591	MEX	Error ellipse: s-maj=9.8km s-min=2.4km az=-1.0.										
NEIC	I	11 13 48 32.9	17.14N	95.04W	157	4.0		MEX	VI 28 10 50 05.0-71	16.57N	94.79W	99-12	3.6	¶19222794					
MEX		Error ellipse: s-maj=12.5km s-min=15.4km az=-1.0.						NEIC	VI 28 10 50 04.4	16.63N	94.81W	107	3.6						
NEIC		Event type se. After MEX.						MEX	Error ellipse: s-maj=10.1km s-min=11.1km az=-1.0.										
MEX	I	09 18 55 52.5-66	16.01N	94.99W	8-21	4.1	¶19430550	NEIC	Event type se. After MEX.										
NEIC	I	09 18 55 52.5	16.02N	94.99W	8	4.1		MEX	III 30 05 34 11.2-77	16.45N	94.97W	20-11	3.8	¶10613254					
MEX		Error ellipse: s-maj=10.9km s-min=6.4km az=-1.0.						NEIC											
NEIC		Event type se. After MEX.						MEX	Error ellipse: s-maj=5.2km s-min=6.9km az=-1.0.										
MEX	I	09 03 09 06.5-1.1	16.93N	94.58W	168-22	4.0	¶19430538												
NEIC	I	09 03 09 06.5	16.94N	94.57W	167	4.0													
MEX		Error ellipse: s-maj=13.5km s-min=4.6km az=-1.0.																	
NEIC		Event type se. After MEX.																	
MEX	I	07 15 41 47.9-83	16.33N	96.08W	20-34	3.7	¶19430507												
MEX		Error ellipse: s-maj=31.4km s-min=88.7km az=-1.0.																	
MEX	I	03 12 02 12.9-62	16.07N	97.66W	30-23	3.7	¶19430392												
MEX		Error ellipse: s-maj=9.0km s-min=8.9km az=-1.0.																	
MEX	I	01 06 53 41.5-98	16.04N	97.27W	25-24	4.1	¶19430344												
NEIC	I	01 06 53 41.4	16.04N	97.27W	27	4.1													
MEX		Error ellipse: s-maj=4.9km s-min=3.3km az=-1.0.																	
NEIC		Event type se. After MEX.																	
ISC	I	01 10 55 19.4-41	16.52N-04	94.42W-03	101-4	3.8b	60	2-88											
ISCJB	I	01 10 55 18.3-41	16.52N-04	94.42W-03	107-4	3.8b	¶19430349												
MEX	I	01 10 55 19.3-1.3	16.47N	94.40W	115-24	4.4													
NEIC	I	01 10 55 20.2	16.48N	94.41W	106	4.4,3.9b													
IDC	I	01 10 55 21.1-1.1	16.69N	94.20W	107-7	4.0,3.8													
ISC		Event type se.																	
ISCJB		Event type se. Error ellipse: s-maj=7.4km s-min=4.5km az=8.3.																	
MEX		Error ellipse: s-maj=7.3km s-min=5.5km az=-1.0.																	
NEIC		Event type se. After MEX.																	
IDC		Error ellipse: s-maj=41.9km s-min=12.6km az=54.0.																	
MEX	I	02 02 46 44.0-93	16.10N	97.56W	15-9	3.9	¶19430363												
NEIC	I	02 02 46 44.0	16.10N	97.56W	16	3.9													
MEX		Error ellipse: s-maj=5.5km s-min=3.2km az=-1.0.																	
NEIC		Event type se. After MEX.																	
MEX	I	10 14 46 06.8-1.0	16.55N	95.06W	110-37	3.8	¶19												

ISCJB	IV	21 11 48 48.2-1.0	16.03N-04	98.18W-03	13-4	4.7s,3.7b			
NEIC	IV	21 11 48 49.5	15.94N	98.32W	10	4.3,3.7b			
MEX	IV	21 11 48 50.7-.85	15.92N	98.16W	18-6	4.3,3.7b			
ISC		Event type se.							
IDC		Error ellipse: s-maj=143.9km s-min=11.4km az=19.0.							
ISCJB		Event type se. Error ellipse: s-maj=7.7km s-min=4.6km az=52.4.							
NEIC		Event type se. After MEX.							
MEX		Error ellipse: s-maj=6.1km s-min=4.5km az=-1.0.							
MEX	IV	11 12 49 46.5-1.0	15.73N	99.01W	16-48	4.0			
NEIC	IV	11 12 49 46.6	15.72N	99.00W	16	4.0			
MEX		Error ellipse: s-maj=44.6km s-min=11.5km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	III	13 22 15 10.8-.47	15.89N	98.65W	28-13	4.0			
MEX		Error ellipse: s-maj=14.4km s-min=6.9km az=-1.0.							
MEX	III	24 16 41 36.3-.86	15.69N	99.06W	16-24	4.2			
MEX		Error ellipse: s-maj=23.7km s-min=7.5km az=-1.0.							
MEX	III	09 23 08 08.4-1.2	15.96N	98.59W	19-60	3.9			
MEX		Error ellipse: s-maj=14.1km s-min=4.7km az=-1.0.							
MEX	III	25 03 03 10.6-.64	16.00N	98.52W	14-17	3.9			
MEX		Error ellipse: s-maj=15.9km s-min=3.7km az=-1.0.							
MEX	VI	13 04 18 50.0-.82	15.88N	98.20W	16-43	4.1			
NEIC	VI	13 04 18 50.2	15.89N	98.19W	16	4.5b,4.1			
MEX		Error ellipse: s-maj=7.5km s-min=3.4km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	II	01 12 57 54.5-.47	15.99N	98.06W	6-4	3.9			
MEX		Error ellipse: s-maj=4.3km s-min=3.7km az=-1.0.							
MEX	II	12 15 12 48.7-.89	15.96N	98.29W	5-0	3.8			
NEIC	II	12 15 12 48.7	15.96N	98.29W	5	3.8			
MEX		Error ellipse: s-maj=7.0km s-min=6.0km az=-1.0.							
NEIC		Event type se. After MEX.							
ISC	II	20 11 32 32.1-1.2	15.97N-05	98.37W-04	19-5	3.8b	45	0-59	
IDC	II	20 11 32 28.2-7.9	15.88N	97.64W	0	3.9,3.7			
ISCJB	II	20 11 32 31.6-1.1	15.97N-05	98.37W-04	25-7	3.8b,3.7			
NEIC	II	20 11 32 33.3	16.00N	98.37W	6	4.5,4.1b			
MEX	II	20 11 32 33.3-.75	16.00N	98.37W	6-6	4.5,4.1b			
ISC		Event type se.							
IDC		Error ellipse: s-maj=154.8km s-min=122.1km az=23.0.							
ISCJB		Event type se. Error ellipse: s-maj=8.8km s-min=4.8km az=48.5.							
NEIC		Event type se. After MEX.							
MEX		Error ellipse: s-maj=6.8km s-min=4.8km az=-1.0.							
NEIC	V	01 03 30 51.8-.65	15.83N	98.71W	16-26	3.9			
NEIC	V	01 03 30 51.5	15.80N	98.70W	16	3.9			
MEX		Error ellipse: s-maj=26.2km s-min=6.8km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	V	01 11 17 57.0-.85	15.76N	98.94W	19-33	4.1			
NEIC	V	01 11 17 57.0	15.76N	98.94W	19	4.1			
MEX		Error ellipse: s-maj=11.1km s-min=4.2km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	V	04 05 37 37.4-.59	15.98N	98.34W	2-5	4.0			
NEIC	V	04 05 37 37.4	15.98N	98.34W	2	4.0			
MEX		Error ellipse: s-maj=5.9km s-min=4.8km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	V	01 03 43 31.7-.64	15.86N	98.71W	13-33	3.7			
NEIC	V	01 03 43 31.7	15.86N	98.71W	13	3.7			
MEX		Error ellipse: s-maj=28.2km s-min=14.3km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	V	01 12 29 20.8-.99	15.59N	98.77W	20-39	3.7			
NEIC	V	01 12 29 20.8	15.59N	98.77W	20	3.7			
MEX		Error ellipse: s-maj=38.8km s-min=6.1km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	V	08 10 32 59.9-.54	15.29N	99.08W	10-0	3.8			
MEX		Error ellipse: s-maj=21.5km s-min=26.2km az=-1.0.							
MEX	V	14 01 16 25.0-.93	15.82N	98.93W	8-29	4.1			
MEX		Error ellipse: s-maj=27.2km s-min=11.4km az=-1.0.							
MEX	I	20 10 30 14.6-1.4	15.94N	98.30W	27-27	4.0			
NEIC	I	20 10 30 14.7	15.94N	98.30W	27	4.0			
MEX		Error ellipse: s-maj=16.7km s-min=9.3km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	VI	29 02 27 10.8-.80	15.95N	98.88W	20-233	3.7			
NEIC	VI	29 02 27 11.3	15.96N	98.86W	23	3.7			
MEX		Error ellipse: s-maj=17.1km s-min=7.7km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	VI	24 01 58 38.1-.94	15.97N	98.41W	6-10	3.8			
MEX		Error ellipse: s-maj=14.4km s-min=17.3km az=-1.0.							
MEX	VI	16 03 50 56.1-.68	15.74N	98.79W	22-29	3.8			
NEIC	VI	16 03 50 55.0	15.66N	98.78W	22	3.8			
MEX		Error ellipse: s-maj=9.6km s-min=4.6km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	VI	14 05 30 04.5-1.3	15.63N	98.47W	19-69	3.9			
NEIC	VI	14 05 30 00.9	15.25N	98.59W	20	3.9			
MEX		Error ellipse: s-maj=16.1km s-min=6.3km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	VI	02 16 42 27.6-1.1	15.90N	98.66W	18-999	3.8			
MEX		Error ellipse: s-maj=17.5km s-min=20.2km az=-1.0.							
MEX	III	18 15 18 45.5-.33	15.98N	98.88W	16-17	3.8			
MEX		Error ellipse: s-maj=16.0km s-min=5.1km az=-1.0.							
(66) Near coast of Oaxaca.									
MEX	IV	25 11 21 57.3-.93	15.13N	94.86W	19-79	4.0			
NEIC	IV	25 11 21 57.4	15.13N	94.86W	20	4.0			
MEX		Error ellipse: s-maj=27.0km s-min=12.0km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	IV	09 15 40 27.6-.34	15.54N	94.83W	28-11	3.8			
NEIC	IV	09 15 40 27.7	15.55N	94.83W	30	3.8			
MEX		Error ellipse: s-maj=3.4km s-min=2.2km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	IV	20 10 50 57.3-1.2	15.55N	96.52W	20-48	3.7			
NEIC	IV	20 10 50 57.0	15.54N	96.53W	20	3.7			
MEX		Error ellipse: s-maj=10.8km s-min=7.2km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	IV	14 18 46 46.7-.58	15.92N	97.22W	16-12	3.7			
NEIC	IV	14 18 46 46.1	15.84N	97.20W	18	3.7			
MEX		Error ellipse: s-maj=8.3km s-min=3.8km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	IV	18 20 48 17.3-.62	15.62N	96.08W	7-4	3.5			
NEIC	IV	18 20 48 18.2	15.66N	96.05W	7	3.5			
MEX		Error ellipse: s-maj=7.7km s-min=10.8km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	V	09 22 04 15.7-.34	15.84N	95.52W	16-0	3.6			
MEX		Error ellipse: s-maj=5.8km s-min=5.8km az=-1.0.							
MEX	IV	26 13 37 22.3-.72	15.89N	94.97W	58-53	3.9			
NEIC	IV	26 13 37 22.0	15.90N	94.94W	53	3.9			
MEX		Error ellipse: s-maj=9.9km s-min=4.7km az=-1.0.							
NEIC		Event type se. After MEX.							
MEX	IV	17 08 17 45.2-.50	15.66N	95.08W	20-32	3.9			
MEX		Error ellipse: s-maj=4.4km s-min=3.2km az=-1.0.							
ISC	IV	23 05 04 44.4-1.2	15.5N-10	95.53W-04	30-8	3.5b	43	1-60	
ISCJB	IV	23 05 04 43.6-1.0	15.46N-10	95.54W-03	42-8	3.5b			
MEX	IV	23 05 04 44.8-.99	15.32N	95.55W	41-26	4.3			

IDC	IV	23 05 04 44.6-9.6	16.34N	94.90W	0	3.7,3.5			
NEIC	IV	23 05 04 47.3	15.43N	95.61W	44	4.4,4.3b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=16.6km s-min=5.2km az=15.3.							
MEX		Error ellipse: s-maj=12.8km s-min=7.2km az=-1.0.							
IDC		Error ellipse: s-maj=250.9km s-min=132.3km az=40.0.							
NEIC		Event type se. After MEX.							
MEX	III	15 17 14 28.5-.65	15.68N	94.65W	16-11	4.0			
MEX		Error ellipse: s-maj=6.1km s-min=5.2km az=-1.0.							
MEX	III	31 00 10 32.5-.67	15.60N	95.99W	13-3	3.7			
MEX		Error ellipse: s-maj=8.1km s-min=5.0km az=-1.0.							
MEX	III	02 19 08 59.3-.46	15.68N	97.67W	16-12	3.8			
MEX		Error ellipse: s-maj=7.5km s-min=7.4km az=-1.0.							
MEX	III	02 20 30 34.5-.68	15.60N	97.47W	29-13	4.5			
MEX		Error ellipse: s-maj=8.1km s-min=3.9km az=-1.0.							
MEX	III	03 11 12 45.9-1.5	15.60N	95.86W	11-11	4.2			
MEX		Error ellipse: s-maj=17.2km s-min=7.8km az=-1.0.							
ISC	III	28 19 36 18.8-1.1	15.34N-04	95.50W-03	1-6	4.8b,4.4s	187	1-149	
ISCJB	III	28 19 36 17.4-.95	15.27N-03	95.54W-03	5-5	4.8b,4.4s			
MEX	III	28 19 36 18.9-1.3	15.08N	95.65W	13-29	4.8,4.4s			
MOS	III	28 19 36 22.5-1.0	15.43N	95.37W	33	5.2b,4.4s			
BJI	III	28 19 36 22.5	15.22N	94.39W	30	5.1b,5.0s			
HRVD	III	28 19 36 23.8-.40	15.28N	95.44W	12	4.9W,5.0s			
NEIC	III	28 19 36 23.8-.33	15.48N	95.23W	30	5.0b,4.7			
IDC	III	28 19 36 25.6-3.9	15.40N	95.28W	53-36	4.4s,4.3			
SZGRF	III	28 19 36 25.0	14.36N	95.03W	33	4.8b,4.3			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=6.3km s-min=4.1km az=72.7.							
MEX		Error ellipse: s-maj=26.3km s-min=8.5km az=-1.0.							
MOS		Error ellipse: s-maj=10.9km s-min=6.3km az=97.6.							
HRVD		Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s36,c50; Mantle waves: s74,c110; Half duration: 0 Moment tensor: Scale 10 ¹⁶ M ₀ : M ₁ =2.27±0.08 M ₂ =1.61±0.06; M ₃ =0.66±0.09; M ₄ =1.64±0.22; M ₅ =0.12±0.29; Best double couple: NP1:φ ₁ =294.00000°; φ ₂ =30.00000°; φ ₃ =181.00000°; NP2:φ ₁ =125.00000°; φ ₂ =67.00000°; φ ₃ =94.00000°; Principal axes: T 3.1140,Plg68.0000°; Azm42.0000°; N -0.2770,Plg4.0000°; Azm303.0000°; P -2.8380,Plg22.0000°; Azm212.0000°; M ₂ : 97600×10 ¹⁶							
NEIC		Event type se. Error ellipse: s-maj=9.5km s-min=5.2km az=49.0.							
IDC		Error ellipse: s-maj=23.3km s-min=10.8km az=60.0.							
SZGRF		Off coast of Oaxaca, Mexico.							
MEX	III	04 12 02 04.4-.43	15.75N	97.02W	18-28	4.0			
MEX		Error ellipse: s-maj=4.1km s-min=2.1km az=-1.0.							
MEX	III	10 04 09 57.8-.73	15.97N	96.95W	16-7	3.7			
MEX		Error ellipse: s-maj=3.5km s-min=2.7km az=-1.0.							
MEX	III	14 03 49 16.0-.71	15.81N	95.59W	20-29	4.4			
MEX		Error ellipse: s-maj=5.4km s-min=4.5km az=-1.0.							
MEX	III	20 17 32 47.9-1.4	15.98N	97.60W	4-23	3.7			
MEX		Error ellipse: s-maj=17.9km s-min=6.0km az=-1.0.							
MEX	III	26 15 55 50.1-.73	15.96N	95.44W	16-10	4.2			
MEX		Error ellipse: s-maj=5.4km s-min=4.9km az=-1.0.							
ISC	VI	10 19 41 45.3-2.5	15.05N-10	94.43W-04	18-19	3.7b	35	2-84	
ISCJB	VI	10 19 41 44.8-2.6	15.03N-08	94.46W-04	28-20	3.7b			
IDC	VI	10 19 41 44.7-3.1	15.52N	93.71W	0	4.0,3.7b			
NEIC	VI	10 19 41 47.2	14.95N	94.49W	45	4.3,3.8b			
MEX	VI	10 19 41 47.1-1.1	14.94N	94.49W	33-44	4.3,3.8b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=13.1km s-min=7.0km az=11.5.							
IDC		Error ellipse: s-maj=107.7km s-min=19.6km az=45.0.							
NEIC		Event type se. After MEX.							
MEX		Error ellipse: s-maj=15.1km s-min=11.2km az=-1.0.							
ISC	VI	10 20 02 23.9-2.0	15.1N-10	94.50W-06	37-17	3.6b	17	2-84	
IDC	VI	10 20 02 20.2-2.9	15.40N	93.89W	0	3.9,3.6b			
ISCJB	VI	10 20 02 23.0-2.0	15.1N-10	94.52W-06	38-16	3.6b,3.6b			
NEIC	VI	10 20 02 24.7	15.07N	94.51W	16	4.1,4.0b			
MEX	VI	10 20 02 24.4-.96	15.04N						

CASC	Error ellipse: s-maj=41.7km s-min=26.0km az=-1.0.								¶19571313	ISCJB	Event type fe. Error ellipse: s-maj=4.4km s-min=1.8km az=66.6.								
CASC	II 18 21 44 52.8-2.0 13.13N 87.59W	4-4	3.8,3.4L							MOS	Error ellipse: s-maj=9.1km s-min=5.3km az=109.8.								
CASC	II 18 21 44 52.8-2.0 13.13N 87.59W									CASC	Error ellipse: s-maj=9.9km s-min=5.0km az=-1.0.								
CASC	Error ellipse: s-maj=14.4km s-min=10.0km az=-1.0.								¶19571314	IDC	Error ellipse: s-maj=11.1km s-min=7.0km az=-55.0.								
CASC	II 18 22 15 43.2-3.1 13.20N 87.55W	2-7	3.8,3.3L							CASC	IV 25 17 56 03.1-3.4 13.49N 88.51W	2-14	3.7						¶19856710
CASC	Error ellipse: s-maj=20.8km s-min=13.3km az=-1.0.								¶19571318	CASC	Error ellipse: s-maj=27.4km s-min=11.2km az=-1.0.								
CASC	II 19 07 14 14.4-2.0 13.52N 87.22W	27-26	3.6							CASC	IV 02 00 44 57.8-2.4 13.33N 89.79W	20-9	3.8L,3.3						¶19856159
CASC	Error ellipse: s-maj=22.5km s-min=18.4km az=-1.0.								¶19571397	CASC	Error ellipse: s-maj=7.1km s-min=5.3km az=-1.0.								
CASC	II 19 09 49 24.6-2.2 13.18N 87.52W	2-10	3.7,3.3L							CASC	IV 17 17 48 24.9-1.9 13.05N 89.63W	22-9	3.5						¶19856523
CASC	Error ellipse: s-maj=21.2km s-min=17.2km az=-1.0.								¶19571404	CASC	Error ellipse: s-maj=6.1km s-min=8.0km az=-1.0.								
CASC	II 19 12 37 48.0-1.7 13.17N 87.57W	6-5	3.5							ISC	IV 25 17 16 13.3-43 13.69N-07 88.32W-05	43-7	4.5b,3.8s	79	0-140				¶18321154
CASC	Error ellipse: s-maj=11.0km s-min=7.1km az=-1.0.								¶19571417	CASC	IV 25 17 16 07.6-3.2 13.61N 88.52W	1-3	4.6L,4.5						
CASC	II 20 06 27 34.9-2.0 13.10N 87.64W	7-4	4.1,3.5L							ISCJB	IV 25 17 16 12.1-43 13.72N-07 88.32W-05	49-7	4.5b,3.8s						
CASC	Error ellipse: s-maj=18.1km s-min=10.0km az=-1.0.								¶19571596	IDC	IV 25 17 16 12.6-4.0 13.58N 88.35W	50-45	4.3,4.3						
ISC	II 20 06 56 10.8-9.4 13.14N-02 87.47W-02	19-6	5.4b,5.2s	450	1-176					NEIC	IV 25 17 16 13.8-1.0 13.70N 88.29W	51-12	4.5,4.5b						
NAO	II 20 06 56 02.3 11.50N 88.17W	33	4.0b,5.2s						¶18319430	B.JI	IV 25 17 16 13.7 13.70N 88.30W	50	4.7b,4.5b						
IDC	II 20 06 56 06.1-60 13.11N 87.41W	0	5.2,5.2s							ISC	Event type fe.								
CASC	II 20 06 56 08.7-2.0 13.26N 87.54W	19-5	5.6b,5.3L							CASC	Error ellipse: s-maj=12.7km s-min=7.0km az=-1.0.								
ISCJB	II 20 06 56 08.4-94 13.23N-02 87.47W-02	12-6	5.4b,5.2s							ISCJB	Event type fe. Error ellipse: s-maj=12.8km s-min=4.2km az=60.6.								
NEIC	II 20 06 56 09.7-31 13.16N 87.56W	10	5.6,5.6b							IDC	Error ellipse: s-maj=61.2km s-min=23.6km az=34.0.								
HRVD	II 20 06 56 09.7-20 13.24N 87.62W	17-0	5.5W,5.6b							NEIC	Event type fe. Error ellipse: s-maj=12.3km s-min=7.4km az=53.0. Felt [V] in the Berlin-Mercedes Umana area.								
B.JI	II 20 06 56 09.6 13.20N 87.60W	10	5.7s,5.5b							ISC	IV 28 19 07 09.4-55 13.33N-10 88.84W-07	73-8	4.2b	36					
MOS	II 20 06 56 09.5-1.6 13.42N 87.54W	10	5.6b,5.2s							IDC	IV 28 19 07 01.9-3.4 13.49N 89.91W	0	4.3,4.2b						¶19598161
SZGRF	II 20 06 56 12.1 13.06N 87.36W	33	5.5b,5.5s							NEIC	IV 28 19 07 06.8-9.4 13.46N 88.79W	34-66	4.4,3.7b						
ISC	Event type fe.									ISCJB	IV 28 19 07 08.2-5.6 13.22N-10 88.85W-07	84-7	4.2b,3.7b						
IDC	Error ellipse: s-maj=21.4km s-min=11.2km az=54.0.									CASC	IV 28 19 07 08.0-2.8 12.95N 89.02W	53-34	4.3L,4.1						
CASC	Error ellipse: s-maj=10.1km s-min=5.3km az=-1.0. Moment Tensor Solution. NP1: $\phi=346.10000^\circ; \delta=71.30000^\circ; \lambda=36.00000^\circ$									ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=4.7km s-min=2.6km az=63.0.									IDC	Error ellipse: s-maj=93.9km s-min=56.4km az=126.0.								
NEIC	Event type fe. Error ellipse: s-maj=7.6km s-min=4.6km az=33.0. Felt [V] at La Union and [V] at Tegucigalpa. Also felt at La Ceiba, Monjarras and Quebradas. Felt at Esteli, Nicaragua.									NEIC	Event type fe. Error ellipse: s-maj=39.3km s-min=16.7km az=80.0. Felt [III] at San Salvador.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s77,c147; Mantle waves: s99,c209; Half duration: 1s4 Moment tensor: Scale 10 ¹⁷ Nm; Mrr=0.25±0.4 M _{θθ} =1.49±0.4; M _{φφ} =1.74±0.4; M _{θφ} =0.55±0.10; M _{φθ} =1.93±0.3; M _{φr} =0.12±0.1; Best double couple: NP1: $\phi=20.00000^\circ; \delta=77.00000^\circ; \lambda=3.00000^\circ$; NP2: $\phi=110.00000^\circ; \delta=87.00000^\circ; \lambda=167.00000^\circ$. Principal axes: T 2.6830,Plg7.0000°; Azm244.0000°; N -0.2010,Plg77.0000°; Azm124.0000°; P -2.4820,Plg11.0000°; Azm336.0000°; M ₀ 2.58200×10 ¹⁷									CASC	Error ellipse: s-maj=17.5km s-min=10.0km az=-1.0.								
MOS	Error ellipse: s-maj=8.5km s-min=4.6km az=109.2.									CASC	IV 15 20 15 11.9-2.5 13.80N 89.81W	3-14	3.6						
SZGRF	Honduras.									CASC	Error ellipse: s-maj=12.3km s-min=6.6km az=-1.0.								
CASC	II 20 07 13 29.4-2.6 13.09N 87.52W	8-15	3.9,3.3L						¶19571618	CASC	IV 17 16 40 35.7-3.0 13.12N 89.07W	68-26	4.4L,4.0						
CASC	Error ellipse: s-maj=28.4km s-min=19.0km az=-1.0.									CASC	Error ellipse: s-maj=19.7km s-min=10.9km az=-1.0.								
ISC	II 20 07 34 23.1-91 13.31N-07 87.28W-05	5-6	3.7b	35	1-65					CASC	IV 18 09 52 24.2-3.0 13.05N 88.58W	64-46	3.8						
IDC	II 20 07 34 18.9-3.3 13.28N 86.59W	0	4.0,3.9						¶19571621	CASC	Error ellipse: s-maj=22.4km s-min=22.7km az=-1.0.								
ISCJB	II 20 07 34 23.5-98 13.33N-08 87.27W-05	15-8	3.7b,3.9							CASC	IV 23 10 07 53.9-1.8 13.34N 89.88W	33-11	3.7						
CASC	II 20 07 34 24.7-2.4 13.13N 87.43W	7-11	4.4,3.5L							CASC	Error ellipse: s-maj=8.0km s-min=5.8km az=-1.0.								
IDC	Error ellipse: s-maj=131.6km s-min=29.9km az=34.0.									CASC	IV 24 07 56 10.5-2.9 13.25N 89.84W	20-14	3.6						
ISCJB	Error ellipse: s-maj=15.6km s-min=3.7km az=65.5.									CASC	Error ellipse: s-maj=13.0km s-min=6.9km az=-1.0.								
CASC	Error ellipse: s-maj=17.0km s-min=11.2km az=-1.0.									CASC	IV 24 23 36 08.2-1.9 13.29N 89.77W	52-967	3.7						
CASC	II 20 07 31 47.5-1.4 13.17N 87.58W	14-9	3.5,2.8L							CASC	Error ellipse: s-maj=24.7km s-min=13.6km az=-1.0.								
IDC	II 20 07 32 48.6-15 13.05N 86.91W	0	4.0,3.7b						¶19571619	CASC	IV 25 05 00 10.7-3.4 13.52N 88.60W	5-13	4.1L,3.8						
CASC	Error ellipse: s-maj=16.4km s-min=9.8km az=-1.0.									CASC	Error ellipse: s-maj=21.2km s-min=11.1km az=-1.0.								
IDC	Error ellipse: s-maj=322.1km s-min=102.7km az=176.0.									CASC	IV 25 05 32 28.5-2.5 13.40N 88.58W	7-18	3.7						
CASC	II 20 08 44 29.3-3.1 13.13N 87.49W	4-12	4.0,3.3L						¶19571627	CASC	Error ellipse: s-maj=15.5km s-min=8.0km az=-1.0.								
CASC	Error ellipse: s-maj=18.3km s-min=11.5km az=-1.0.									CASC	IV 25 06 05 01.3-3.6 13.64N 88.43W	5-14	3.7						
CASC	II 20 09 11 43.1-3.0 13.12N 87.46W	6-10	3.7,3.0L						¶19571630	CASC	Error ellipse: s-maj=24.1km s-min=15.3km az=-1.0.								
CASC	Error ellipse: s-maj=17.7km s-min=11.4km az=-1.0.									CASC	IV 28 16 01 50.9-2.7 13.16N 89.62W	38-999	4.4L,3.9						
CASC	II 20 10 59 58.6-2.5 13.12N 87.41W	13-23	3.5,2.7L						¶19571656	CASC	Error ellipse: s-maj=13.3km s-min=7.9km az=-1.0.								
CASC	Error ellipse: s-maj=16.7km s-min=11.5km az=-1.0.									CASC	IV 28 17 52 12.7-2.2 13.04N 89.19W	44-98	3.8L,3.6						
CASC	II 20 11 50 12.1-2.8 13.10N 87.44W	7-13	3.9,3.4L						¶19571665	CASC	Error ellipse: s-maj=23.2km s-min=12.0km az=-1.0.								
CASC	Error ellipse: s-maj=19.2km s-min=12.2km az=-1.0.									ISC	III 10 11 52 03.8-1.6 13.11N-10 88.9W-10	76-15	3.9b	28	1-138				
CASC	II 20 18 57 19.9-2.8 13.21N 87.63W	0-6	3.9						¶19571705	IDC	III 10 11 51 54.8-1.4 13.11N 89.01W	0	4.1,3.9b						¶110601094
CASC	Error ellipse: s-maj=25.5km s-min=14.2km az=-1.0.									NEIC	III 10 11 52 00.0-4.7 13.11N 88.90W	33-36	4.1b,3.9b						
CASC	II 23 05 31 27.4-1.6 14.85N 89.00W	20-999	3.6							ISCJB	III 10 11 52 03.3-1.6 12.8N-20 88.9W-10	109-11	3.9b,3.9b						
CASC	Error ellipse: s-maj=115.2km s-min=51.0km az=-1.0.								¶19579395	CASC	III 10 11 52 07.7-4.0 14.09N 87.82W	20-26	4.3,4.1b						
ISC	II 23 11 06 08.5-43 13.11N-10 87.65W-09	189-4	3.4b	47	1-139					ISC	Event type se.								
ISCJB	II 23 11 06 07.5-42 13.11N-10 87.63W-09	194-4	3.3b						¶19579428	IDC	Error ellipse: s-maj=46.1km s-min=18.1km az=51.0.								
IDC	II 23 11 06 07.3-2.0 13.26N 87.47W	176-23	3.8,3.5							NEIC	Event type se. Error ellipse: s-maj=25.1km s-min=9.7km az=52.0.								
CASC	II 23 11 06 09.2-2.2 12.58N 88.00W	167-11	3.9,3.5L							ISCJB	Event type se. Error ellipse: s-maj=33.7km s-min=10.5km az=78.7.								
ISCJB	Error ellipse: s-maj=25.4km s-min=5.7km az=63.1.									CASC	Error ellipse: s-maj=17.4km s-min=11.3km az=-1.0.								
IDC	Error ellipse: s-maj=50.7km s-min=17.2km az=60.0.																		

NEIC	Event type se. Error ellipse: s-maj=87.7km s-min=25.4km az=204.0.								
ISC	V 29 03 02 44.9-34	11.50N-03	87.40W-03	20	4.2b,3.5s	101	1-139		
ISCJB	V 29 03 02 42.6-35	11.41N-03	87.48W-03	18	4.2b,3.5s				
NEIC	V 29 03 02 44.8-42	11.68N	87.11W	19	4.3b,3.5s				
IDC	V 29 03 02 48.1-2.0	11.87N	86.93W	43-19	4.1,4.0				
CASC	V 29 03 02 49.1-2.5	11.53N	87.14W	26-7	4.3,4.3b				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=5.4km s-min=3.1km az=68.5.								
NEIC	Event type se. Error ellipse: s-maj=11.4km s-min=5.9km az=48.0.								
IDC	Error ellipse: s-maj=29.1km s-min=11.4km az=52.0.								
CASC	Error ellipse: s-maj=5.9km s-min=4.9km az=1.0.								
ISC	VI 21 08 01 36.9-13	12.0N-20	88.0W-10	73-15	4.0b	14	3-54		
ISCJB	VI 21 08 01 34.4-1.5	12.0N-20	88.0W-10	64-18	4.0b				
NEIC	VI 21 08 01 36.1-1.3	11.94N	88.00W	74-13	4.1b				
IDC	VI 21 08 01 36.2-2.5	12.22N	87.81W	61-44	3.7,3.7				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=33.7km s-min=11.8km az=75.2.								
NEIC	Event type se. Error ellipse: s-maj=26.1km s-min=12.9km az=217.0.								
IDC	Error ellipse: s-maj=75.0km s-min=18.3km az=30.0.								
CASC	III 25 12 06 42.7-1.7	12.99N	87.45W	13-21	3.7L,2.7				
CASC	Error ellipse: s-maj=26.4km s-min=18.9km az=1.0.								
CASC	VI 16 01 07 20.4-2.6	12.03N	87.96W	18-7	4.2				
CASC	Error ellipse: s-maj=6.3km s-min=8.4km az=1.0.								
CASC	VI 26 16 21 08.4-2.2	11.48N	86.59W	22-7	3.9,3.7L				
CASC	Error ellipse: s-maj=4.9km s-min=5.5km az=1.0.								
CASC	VI 15 12 35 28.3-1.8	11.76N	86.01W	191-8	3.6				
CASC	Error ellipse: s-maj=15.5km s-min=18.7km az=1.0.								
CASC	VI 08 01 26 01.7-2.2	11.52N	86.23W	76-12	3.5,2.7L				
CASC	Error ellipse: s-maj=8.1km s-min=9.3km az=1.0.								
CASC	VI 07 01 24 36.4-2.5	11.57N	86.44W	64-18	3.7				
CASC	Error ellipse: s-maj=8.8km s-min=9.9km az=1.0.								
CASC	VI 06 06 42 55.1-3.1	11.64N	86.77W	85-22	3.8,3.4L				
CASC	Error ellipse: s-maj=13.0km s-min=13.3km az=1.0.								
CASC	VI 06 00 32 30.6-2.6	12.18N	87.81W	21-7	4.2,4.0L				
CASC	Error ellipse: s-maj=7.5km s-min=8.9km az=1.0.								
CASC	VI 02 08 53 52.6-1.7	12.87N	87.69W	145-9	3.6,2.9L				
CASC	Error ellipse: s-maj=36.2km s-min=21.0km az=1.0.								
ISC	IV 12 14 30 18.6-1.0	11.72N-05	87.14W-09	49-11	4.0b	42	1-98		
IDC	IV 12 14 30 14.5-1.1	12.58N	85.82W	0	4.1,3.9				
CASC	IV 12 14 30 16.9-2.6	11.64N	87.12W	8-11	4.2,4.1b				
ISCJB	IV 12 14 30 17.8-9.7	11.71N-06	87.13W-09	61-9	4.0b,4.1b				
NEIC	IV 12 14 30 20.2-2.1	12.40N	86.04W	45-28	4.1b,4.1b				
ISC	Event type se.								
IDC	Error ellipse: s-maj=99.1km s-min=13.2km az=67.0.								
CASC	Error ellipse: s-maj=4.6km s-min=5.4km az=1.0.								
ISCJB	Event type se. Error ellipse: s-maj=16.8km s-min=5.9km az=116.5.								
NEIC	Event type se. Error ellipse: s-maj=71.6km s-min=14.4km az=55.0.								
ISC	IV 29 19 50 34.1-1.81	11.16N-05	86.62W-08	60-8	4.1b	52	1-140		
IDC	IV 29 19 50 28.7-1.2	12.10N	85.41W	0	4.2,3.9b				
CASC	IV 29 19 50 32.7-3.1	11.14N	86.65W	24-8	4.3b,4.2				
ISCJB	IV 29 19 50 33.6-8.1	11.19N-07	86.57W-09	73-7	4.1b,4.2				
NEIC	IV 29 19 50 36.8-1.1	11.59N	85.53W	88-15	4.3b,4.2				
ISC	Event type se.								
IDC	Error ellipse: s-maj=95.5km s-min=12.0km az=74.0.								
CASC	Error ellipse: s-maj=6.0km s-min=8.1km az=1.0.								
ISCJB	Event type se. Error ellipse: s-maj=18.1km s-min=5.1km az=110.9.								
NEIC	Event type se. Error ellipse: s-maj=49.5km s-min=14.3km az=74.0.								
ISC	IV 29 20 56 38.1-5.4	12.81N-09	87.81W-09	74-6	4.0b	50	0-66		
ISCJB	IV 29 20 56 36.9-5.4	12.77N-09	87.86W-09	82-6	4.0b				
IDC	IV 29 20 56 36.9-1.0	12.84N	87.70W	64-7	4.0,4.0				
NEIC	IV 29 20 56 37.0-8.1	12.79N	87.80W	65	4.3b,4.0				
CASC	IV 29 20 56 37.2-3.0	12.64N	88.01W	34-17	4.3b,4.1L				
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=19.0km s-min=6.5km az=86.3.								
IDC	Error ellipse: s-maj=40.5km s-min=10.1km az=51.0.								
NEIC	Event type fe. Error ellipse: s-maj=36.5km s-min=10.6km az=54.0. Felt [III] at Berlin, El Salvador.								
CASC	Error ellipse: s-maj=9.4km s-min=7.6km az=1.0.								

CASC	Error ellipse: s-maj=8.9km s-min=10.3km az=1.0.								
CASC	VI 12 00 30 11.6-1.9	11.21N	85.66W	166-6	3.7,3.3L				¶9971152
CASC	Error ellipse: s-maj=7.6km s-min=9.3km az=1.0.								¶9970863
(76) Off coast of central America.									
ISC	IV 05 05 22 43.9-6.2	12.89N-10	88.95W-08	66-5	3.9b	45	1-65		
CASC	IV 05 05 22 40.6-2.0	12.71N	89.09W	15-10	4.2,3.9b				¶9594284
ISCJB	IV 05 05 22 42.4-6.7	12.83N-09	88.98W-08	73-5	3.9b,3.9b				
IDC	IV 05 05 22 43.5-5.5	12.88N	88.94W	63-77	3.8,3.7L				
NEIC	IV 05 05 22 43.5-2.3	12.95N	89.00W	56-29	3.9b,3.7L				
ISC	Event type se.								
CASC	Error ellipse: s-maj=4.4km s-min=4.9km az=1.0.								
ISCJB	Event type se. Error ellipse: s-maj=20.1km s-min=4.0km az=79.0.								
IDC	Error ellipse: s-maj=80.1km s-min=36.4km az=18.0.								
NEIC	Event type se. Error ellipse: s-maj=33.7km s-min=14.2km az=219.0.								
ISC	IV 09 21 09 30.2-7.8	12.18N-06	88.17W-06	62-7	4.4b	87	1-148		
CASC	IV 09 21 09 27.0-1.8	12.03N	88.21W	9-6	4.5b,4.3				¶8504228
ISCJB	IV 09 21 09 28.9-8.5	12.13N-06	88.18W-07	72-7	4.4b,4.3				
NEIC	IV 09 21 09 28.2-4.9	12.30N	88.01W	36	4.5b,4.3				
IDC	IV 09 21 09 29.1-3.1	12.31N	88.01W	49-31	4.6,4.5s				
MOS	IV 09 21 09 29.8-1.0	12.32N	87.94W	72	4.7b,4.5s				
ISC	Event type se.								
CASC	Error ellipse: s-maj=6.5km s-min=8.5km az=1.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.4km s-min=6.3km az=101.1.								
NEIC	Event type se. Error ellipse: s-maj=14.9km s-min=7.0km az=51.0.								
IDC	Error ellipse: s-maj=32.6km s-min=13.7km az=66.0.								
MOS	Error ellipse: s-maj=23.4km s-min=8.5km az=118.1.								
ISC	IV 22 02 04 39.1-3.1	2.39N-05	84.52W-06	18-20	4.4b,4.3s	96	5-149		
ISCJB	IV 22 02 04 35.0-2.9	2.38N-06	84.52W-06	5-19	4.4b,4.3s				¶8320975
IDC	IV 22 02 04 35.8-6.9	2.35N	84.63W	0	4.4,4.3				
CASC	IV 22 02 04 38.7-2.8	2.37N	84.56W	26-0	4.6b,4.3				
NEIC	IV 22 02 04 40.0-2.0	2.37N	84.56W	26-15	4.6b,4.3				
HRVD	IV 22 02 04 40.0-2.0	2.29N	84.42W	15-1	5.1W,4.3				
MOS	IV 22 02 04 40.6-1.4	2.60N	84.51W	33	4.8b,4.3				
BJI	IV 22 02 04 42.0	2.40N	84.60W	26	5.1b,4.9s				
IGQ	IV 22 02 05 27.6	0.82N	80.98W	10-19	4.3b,4.1s				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=11.5km s-min=6.7km az=94.2.								
IDC	Error ellipse: s-maj=24.8km s-min=13.4km az=55.0.								
CASC	Error ellipse: s-maj=99.9km s-min=99.9km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=8.0km s-min=5.2km az=56.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s51,c69; Mantle waves: s77,c133; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₀ -1.00±.15 Mw±0.26±.13; Mw±1.07±.18; M ₀ ±0.28±.22; Mw±4.97±.13; Mw±1.55±.33; Best double couple: NP1-φ8.00000°; δ72.00000°; λ-4.00000°. NP2-φ190.00000°; δ86.00000°; λ-162.00000°. Principal axes: T 5.8980,Plg10.0000°, Azm323.0000°; N-0.8870,Plg72.0000°, Azm202.0000°; P-5.0170,Plg16.0000°, Azm55.0000°; Ms5.458000×10 ¹⁶								
MOS	Error ellipse: s-maj=21.0km s-min=9.4km az=111.6.								
IGQ	Error ellipse: s-maj=28.2km s-min=7.4km az=28.4.								
ISC	IV 23 07 03 28.3-7.3	12.22N-07	88.02W-07	57-6	4.4b,4.2s	83	1-139		
IDC	IV 23 07 03 21.3-8.8	12.33N	88.01W	0	4.4,4.3				¶8321055
ISCJB	IV 23 07 03 26.3-7.3	12.14N-07	88.10W-06	60-6	4.4b,4.2s				
CASC	IV 23 07 03 26.0-2.4	12.12N	88.19W	35-16	4.7L,4.4b				
NEIC	IV 23 07 03 29.8-9.2	12.18N	87.90W	79-8	4.4b,4.4b				
BJI	IV 23 07 03 29.7	12.20N	87.90W	79	5.3s,5.0b				
ISC	Event type se.								
IDC	Error ellipse: s-maj=33.2km s-min=13.7km az=50.0.								
ISCJB	Event type se. Error ellipse: s-maj=14.1km s-min=5.3km az=84.7.								
CASC	Error ellipse: s-maj=11.2km s-min=8.0km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=11.9km s-min=5.1km az=47.0.								
CASC	IV 04 06 34 42.2-2.8	12.65N	88.35W	45-465	3.5				
CASC	Error ellipse: s-maj=99.2km s-min=60.4km az=1.0.								¶9856199
CASC	IV 05 11 40 14.2-1.4	11.68N							

CASC I	10 12 34 27.5-3.6	12.43N	90.10W	35-999	4.5L,4.4b	¶18035783			
ISC I	10 12 34 28.4-4.8	12.63N-06	89.91W-04	30	4.3b,3.9s				
ISC I	10 12 34 29.9-7.3	12.72N	89.70W	30-4	4.2,4.2				
BJI I	10 12 34 31.0-6.4	12.80N	89.70W	31	5.2b,4.8s				
NEIC I	10 12 34 31.0-6.4	12.79N	89.72W	31	4.4b,4.8s				
ISC	Event type se.								
CASC	Error ellipse: s-maj=58.9km s-min=28.0km az=1.0.								
ISCJB	Event type se. Error ellipse: s-maj=10.0km s-min=3.3km az=68.1.								
IDC	Error ellipse: s-maj=31.4km s-min=12.3km az=54.0.								
NEIC	Event type se. Error ellipse: s-maj=17.5km s-min=8.2km az=50.0.								
ISC I	20 00 44 24.1-6.5	11.95N-06	88.82W-05	38-9	3.7b	42	2-138		
ISCJB I	20 00 44 21.9-8.1	11.85N-06	88.87W-05	37-9	3.7b	¶19430880			
CASC I	20 00 44 21.9-2.3	11.82N	88.95W	34-16	3.9,3.7L				
IDC I	20 00 44 24.4-4.8	12.06N	88.67W	39-40	4.1L,4.0				
NEIC I	20 00 44 24.6-1.3	11.98N	88.70W	47-16	3.6b,4.0				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=12.2km s-min=3.9km az=82.2.								
CASC	Error ellipse: s-maj=10.1km s-min=8.7km az=1.0.								
IDC	Error ellipse: s-maj=79.0km s-min=19.6km az=46.0.								
NEIC	Event type se. Error ellipse: s-maj=18.5km s-min=10.8km az=57.0.								
ISC I	27 06 32 21.7-1.1	12.8N-20	88.64W-10	64-8	3.6b	26	1-65		
ISCJB I	27 06 32 20.7-1.1	12.8N-20	88.6W-10	73-7	3.6b	¶19431131			
CASC I	27 06 32 21.4-2.4	12.76N	88.66W	35-18	3.9,3.6L				
IDC I	27 06 32 28.8-7.4	13.48N	88.01W	104-78	3.9L,3.7				
ISCJB	Error ellipse: s-maj=33.6km s-min=4.5km az=59.0.								
CASC	Error ellipse: s-maj=17.8km s-min=10.3km az=1.0.								
IDC	Error ellipse: s-maj=101.5km s-min=30.9km az=28.0.								
ISC V	29 10 53 32.8-6.0	12.27N-07	88.95W-05	41-6	4.1b,3.1s	58	1-138		
NEIC V	29 10 53 30.6-6.1	12.15N	89.06W	28	4.8L,3.1s	¶19132281			
ISCJB V	29 10 53 31.1-6.4	12.22N-07	88.98W-05	46-6	4.1b,3.1s				
CASC V	29 10 53 31.6-1.6	12.41N	88.89W	20-12	4.3,4.3b				
IDC V	29 10 53 32.6-2.6	12.20N	88.96W	42-26	3.9,3.9				
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=17.5km s-min=7.8km az=46.0.								
ISCJB	Event type se. Error ellipse: s-maj=12.8km s-min=3.8km az=66.9.								
CASC	Error ellipse: s-maj=8.3km s-min=5.2km az=1.0.								
IDC	Error ellipse: s-maj=35.2km s-min=14.6km az=39.0.								
ISC V	31 21 33 40.6-7.4	12.53N-08	89.04W-06	40-9	4.3b,3.6s	53	1-138		
IDC V	31 21 33 35.3-1.4	12.68N	88.91W	0	4.1,4.0	¶19132394			
ISCJB V	31 21 33 39.6-9.0	12.42N-08	89.04W-06	55-9	4.3b,3.6s				
CASC V	31 21 33 31.9-2.7	12.29N	89.02W	17-15	4.4b,4.3				
NEIC V	31 21 33 40.4-3.5	12.61N	88.91W	34-27	4.4b,4.3				
ISC	Event type se.								
IDC	Error ellipse: s-maj=45.2km s-min=17.9km az=50.0.								
ISCJB	Event type se. Error ellipse: s-maj=14.9km s-min=6.7km az=65.2.								
CASC	Error ellipse: s-maj=8.4km s-min=8.1km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=22.5km s-min=8.6km az=223.0.								
ISC V	08 14 15 27.1-4.3	3.23N-04	84.19W-06	26	4.5b,4.2s	104	6-148		
IDC V	08 14 15 22.8-7.7	3.27N	84.23W	0	4.8L,4.5	¶18338632			
MOS V	08 14 15 24.4-1.5	3.08N	84.35W	34	4.8b,4.5				
ISCJB V	08 14 15 25.0-4.2	3.28N-04	84.21W-06	24	4.5b,4.2s				
NEIC V	08 14 15 26.6-4.0	3.23N	84.25W	24	4.6b,4.2s				
BJI V	08 14 15 26.5	3.20N	84.20W	24	5.2b,5.0s				
HRVD V	08 14 15 26.6-3.0	3.09N	84.30W	18-1	4.9W,5.0s				
ISC	Event type se.								
IDC	Error ellipse: s-maj=29.4km s-min=13.8km az=58.0.								
MOS	Error ellipse: s-maj=27.8km s-min=9.3km az=106.7.								
ISCJB	Event type se. Error ellipse: s-maj=8.7km s-min=6.0km az=150.9.								
NEIC	Event type se. Error ellipse: s-maj=9.2km s-min=6.9km az=218.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s25,c31; Mantle waves: s66,c97; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -0.94±14 M _{θθ} -1.11±12; M _{φφ} -0.16±14; M _{rr} -0.05±26; M _{θθ} 90±10; M _{φφ} 0±30; Best double couple: NP1:φ=186.00000°;λ=179.00000°;NP2:φ=96.00000°;λ=89.00000°;λ=2.00000°; Principal axes: T 3.4410,Plg0.0000°;AzM141.0000°; N -0.9410,Plg88.0000°;AzM237.0000°; P -2.5010,Plg2.0000°;AzM51.0000°; M2.97100x10 ¹⁶								
CASC VI	22 00 13 11.9-3.1	12.70N	88.92W	175-40	4.0,3.4L	¶19971383			
CASC	Error ellipse: s-maj=49.9km s-min=33.1km az=1.0.								
CASC VI	02 13 38 28.7-2.7	12.83N	88.63W	40-413	3.5,2.9L	¶19969954			
CASC	Error ellipse: s-maj=53.2km s-min=28.6km az=1.0.								
CASC VI	06 07 39 30.9-2.8	12.74N	88.69W	38-20	3.6,3.0L	¶19970595			
CASC	Error ellipse: s-maj=21.2km s-min=25.6km az=1.0.								
CASC VI	24 09 34 28.4-3.1	12.96N	89.90W	24-15	3.5	¶19971566			
CASC	Error ellipse: s-maj=11.8km s-min=16.9km az=1.0.								
CASC VI	23 18 17 04.6-3.1	12.86N	90.33W	16-15	4.3,3.2L	¶19971521			
CASC	Error ellipse: s-maj=6.6km s-min=7.8km az=1.0.								
CASC VI	23 18 06 05.5-1.4	12.78N	90.30W	20-15	3.9	¶19971520			
CASC	Error ellipse: s-maj=15.3km s-min=24.6km az=1.0.								
CASC VI	23 13 52 26.7-2.5	12.81N	89.03W	35-999	3.8,3.3L	¶19971507			
CASC	Error ellipse: s-maj=40.6km s-min=18.6km az=1.0.								
CASC VI	18 21 25 16.4-2.7	12.82N	88.51W	73-999	3.7	¶19971171			
CASC	Error ellipse: s-maj=68.0km s-min=41.3km az=1.0.								
CASC VI	13 05 09 40.0-4.0	12.86N	90.00W	51-246	3.9	¶19970913			
CASC	Error ellipse: s-maj=44.7km s-min=23.5km az=1.0.								
CASC VI	09 15 11 51.3-4.8	12.58N	89.61W	0-43	4.0	¶19970748			
CASC	Error ellipse: s-maj=75.5km s-min=43.2km az=1.0.								
CASC VI	08 09 59 40.8-1.6	12.97N	89.19W	12-44	3.5	¶19970685			
CASC	Error ellipse: s-maj=25.3km s-min=11.5km az=1.0.								
CASC VI	05 00 55 58.4-2.0	12.47N	88.19W	36-999	3.7,3.2L	¶19970505			
CASC	Error ellipse: s-maj=34.7km s-min=20.7km az=1.0.								
ISC IV	05 01 35 36.5-1.9	12.28N-07	89.53W-06	33-18	3.5b	29	1-65		
CASC IV	05 01 35 34.4-2.8	12.25N	89.58W	23-26	3.9	¶19594278			
ISCJB IV	05 01 35 35.2-1.0	12.24N-07	89.54W-06	53-14	3.5b				
IDC IV	05 01 35 35.3-2.3	13.34N	88.51W	0	3.9,3.6L				
CASC	Error ellipse: s-maj=14.6km s-min=13.0km az=1.0.								
ISCJB	Error ellipse: s-maj=15.4km s-min=5.2km az=79.0.								
IDC	Error ellipse: s-maj=133.1km s-min=25.1km az=46.0.								
ISC IV	09 10 36 35.1-2.7	12.58N-04	89.34W-03	23	4.7b,3.9s	220	1-149		
IDC IV	09 10 36 30.2-5.8	12.67N	89.11W	0	4.3,4.3	¶18320219			
ISCJB IV	09 10 36 32.8-2.7	12.50N-04	89.42W-03	23	4.7b,3.9s				
MOS IV	09 10 36 33.7-1.2	12.55N	89.23W	33	5.0b,3.9s				
CASC IV	09 10 36 34.6-2.5	12.39N	89.42W	23-17	4.9b,4.6				
HRVD IV	09 10 36 35.0-6.0	12.46N	89.75W	20-1	4.8W,4.6				
NEIC IV	09 10 36 35.0-2.7	12.61N	89.19W	27	4.9b,4.6				
BJI IV	09 10 36 35.0	12.60N	89.20W	27	5.4b,5.0s				
ISC	Event type se.								
IDC	Error ellipse: s-maj=27.0km s-min=11.6km az=61.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.9km s-min=2.1km az=63.8.								
MOS	Error ellipse: s-maj=15.4km s-min=5.4km az=111.6.								
CASC	Error ellipse: s-maj=9.7km s-min=8.9km az=1.0.								
HRVD	Error ellipse: s-maj=8.9km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s13,c13; Mantle waves: s44,c61; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -2.45±24 M _{θθ} 1.48±14; M _{φφ} 0.97±17; M _{rr} 0.78±23; M _{θθ} -0.72±09; M _{φφ} 0.06±38; Best double couple: NP1:φ=133.00000°;λ=76.00000°;NP2:φ=295.00000°;λ=83.00000°;λ=101.00000°; Principal axes: T 2.0720,Plg8.0000°;AzM33.0000°; N 0.5420,Plg9.0000°;AzM302.0000°; P -2.6100,Plg78.0000°;AzM164.0000°; M2.34100x10 ¹⁶								

NEIC	Event type se. Error ellipse: s-maj=7.7km s-min=4.2km az=48.0.								
ISC IV	09 10 42 20.2-4.3	12.51N-06	89.40W-04	27	4.3b	79	1-148		
CASC IV	09 10 42 16.8-2.4	12.23N	89.63W	27-29	4.6b,4.5	¶18320220			
ISCJB IV	09 10 42 18.0-4.2	12.44N-06	89.45W-04	27	4.3b,4.5				
MOS IV	09 10 42 18.7-1.5	12.55N	89.04W	33	4.7b,4.5				
NEIC IV	09 10 42 20.4-5.5	12.56N	89.25W	30	4.6b,4.5				
BJI IV	09 10 42 20.4	12.60N	89.30W	30	5.1b,4.8s				
IDC IV	09 10 42 26.9-3.3	12.83N	88.84W	92-32	4.1,3.9				
ISC	Event type se.								
CASC	Error ellipse: s-maj=14.1km s-min=20.8km az=1.0.								
ISCJB	Event type se. Error ellipse: s-maj=9.8km s-min=3.1km az=57.6.								
MOS	Error ellipse: s-maj=33.2km s-min=9.7km az=115.9.								
NEIC	Event type se. Error ellipse: s-maj=16.6km s-min=7.9km az=50.0.								
IDC	Error ellipse: s-maj=38.2km s-min=14.3km az=58.0.								
ISC IV	24 04 56 19.3-4.7	12.86N-07	88.45W-05	78-5	4.1b	51	1-138		
ISCJB IV	24 04 56 17.9-4.9	12.79N-07	88.48W-05	86-5	4.1b	¶19597850			
NEIC IV	24 04 56 17.3-8.2	12.77N	88.54W	62-7	4.4b				
CASC IV	24 04 56 18.8-1.8	12.77N	88.50W	39-182	4.4b,4.1				
IDC IV	24 04 56 19.0-3.8	13.03N	88.30W	77-40	3.8,3.8				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=13.5km s-min=4.3km az=69.6.								
NEIC	Event type se. Error ellipse: s-maj=27.6km s-min=12.3km az=53.0.								
CASC	Error ellipse: s-maj=14.7km s-min=8.3km az=1.0.								
IDC	Error ellipse: s-maj=52.9km s-min=21.5km az=52.0.								
ISC IV	24 21 10 13.5-3.0	12.74N-05	88.06W-04	69-4	4.6b	110	1-163		
CASC IV	24 21 10 12.2-2.5	12.62N	88.18W	39-173	5.2L,4.8b	¶110698085			
ISCJB IV	24 21 10 12.2-3.2	12.70N-05	88.10W-04	75-4	4.6b,4.8b				
IDC IV	24 21 10 12.2-6.2	12.82N	87.90W	56-4	4.7,4.5				
NEIC IV	24 21 10 14.7-6.6	12.64N	88.14W	88-7	5.5,4.8b				
MOS IV	24 21 10 14.6-1.4	12.68N	88.11W	98	4.9b,4.8b				
BJI IV	24 21 10 14.6	12.60N	88.10W	87	5.2s,2.5b				
HRVD IV	24 21 10 14.7-4.0	12.36N	88.41W	52-1	5.1W,5.2b				
SZGRF IV	24 21 10 26.0	12.81N	89.41W	33	4.5b,5.2b				
ISC	Event type se.								
CASC	Error ellipse: s-maj=13.5km s-min=8.5km az=1.0.								
ISCJB	Event type se. Error ellipse: s-maj=9.6km s-min=3.1km az=68.7.								
IDC	Error ellipse: s-maj=20.6km s-min=8.4km								

MOS	V	09 22 50 22.3-1.2	8.24N	82.92W	32	4.8b,4.4W			
ISC		Event type fe.							
ISCJB		Error ellipse: s-maj=12.1km s-min=5.3km az=69.7.							
IDC		Error ellipse: s-maj=4.15km s-min=15.2km az=40.0.							
NEIC		Event type fe. Error ellipse: s-maj=20.9km s-min=9.7km az=199.0. Felt at Ciudad Neily, Costa Rica.							
CASC		Error ellipse: s-maj=12.7km s-min=9.2km az=-1.0.							
MOS		Error ellipse: s-maj=18.9km s-min=11.8km az=114.9.							
CASC	I	29 17 15 33.9-1.9	8.73N	83.66W	20-5	4.4W,4.0			
CASC		Error ellipse: s-maj=4.3km s-min=4.2km az=-1.0.							
CASC	I	06 03 18 35.4-2.2	9.06N	83.56W	13-10	4.5W,4.0			¶19430461
CASC		Error ellipse: s-maj=5.9km s-min=4.6km az=-1.0.							
CASC	I	04 15 34 16.2-1.3	10.56N	85.74W	48-7	3.6L,2.9			¶19430426
CASC		Error ellipse: s-maj=3.6km s-min=4.2km az=-1.0.							
CASC	V	18 19 21 15.9-3.0	8.47N	83.09W	9-7	4.2,3.9L			¶19920616
CASC		Error ellipse: s-maj=6.9km s-min=4.7km az=-1.0.							
CASC	III	23 02 49 41.1-2.7	8.77N	83.09W	47-13	4.0,4.0W			¶110608851
CASC		Error ellipse: s-maj=5.8km s-min=5.2km az=-1.0.							
CASC	VI	08 06 22 57.4-1.6	10.08N	84.19W	80-3	4.0L,3.8			¶19970678
CASC		Error ellipse: s-maj=4.3km s-min=3.3km az=-1.0.							
CASC	VI	08 20 55 44.8-2.0	10.56N	85.48W	2-3	3.6,3.1L			¶19970701
CASC		Error ellipse: s-maj=2.0km s-min=2.2km az=-1.0.							
CASC	VI	17 23 38 57.3-2.2	8.71N	83.03W	34-4	3.8,3.4L			¶19971140
CASC		Error ellipse: s-maj=4.8km s-min=4.0km az=-1.0.							
CASC	VI	19 09 34 12.5-2.5	9.69N	83.72W	1-3	3.9,3.9L			¶19971195
CASC		Error ellipse: s-maj=2.9km s-min=3.5km az=-1.0.							
CASC	VI	04 16 09 12.2-2.3	10.87N	85.44W	122-5	3.7,3.4L			¶19970485
CASC		Error ellipse: s-maj=6.3km s-min=6.8km az=-1.0.							
CASC	VI	01 12 31 32.1-1.5	10.82N	85.69W	62-3	3.5,3.4L			¶19968680
CASC		Error ellipse: s-maj=3.1km s-min=3.9km az=-1.0.							
(80) Panama-Costa Rica border region.									
CASC	IV	20 06 54 39.0-2.0	8.94N	82.85W	13-6	3.7,2.6L			¶19856582
CASC		Error ellipse: s-maj=3.8km s-min=5.1km az=-1.0.							
CASC	IV	09 11 40 20.3-2.5	8.96N	82.88W	12-8	3.5,2.6L			¶19856328
CASC		Error ellipse: s-maj=6.7km s-min=7.9km az=-1.0.							
CASC	IV	09 11 57 28.9-2.1	8.94N	82.86W	12-5	3.9W,3.8			¶19856329
CASC		Error ellipse: s-maj=3.0km s-min=3.5km az=-1.0.							
CASC	IV	10 03 49 20.8-2.4	8.94N	82.86W	13-9	3.5,2.4L			¶19856343
CASC		Error ellipse: s-maj=6.0km s-min=7.7km az=-1.0.							
CASC	IV	12 06 52 23.1-2.8	8.52N	82.78W	25-6	3.8,3.1L			¶19856399
CASC		Error ellipse: s-maj=6.1km s-min=5.6km az=-1.0.							
CASC	IV	14 01 47 51.6-2.1	8.64N	82.74W	19-6	4.1W,3.7			¶19856467
CASC		Error ellipse: s-maj=5.8km s-min=8.7km az=-1.0.							
CASC	IV	21 05 38 12.7-3.0	8.37N	82.80W	0-5	4.1,4.0L			¶19856599
CASC		Error ellipse: s-maj=7.8km s-min=4.2km az=-1.0.							
CASC	IV	21 23 04 47.6-2.4	8.45N	82.80W	5-9	3.7,3.2L			¶19856608
CASC		Error ellipse: s-maj=4.2km s-min=4.1km az=-1.0.							
CASC	IV	24 09 02 17.7-2.4	8.29N	82.64W	25-9	3.5			¶19856684
CASC		Error ellipse: s-maj=9.4km s-min=9.9km az=-1.0.							
CASC	III	20 02 01 46.2-2.6	8.32N	82.81W	8-0	4.1,4.1W			¶110606927
CASC		Error ellipse: s-maj=6.9km s-min=4.3km az=-1.0.							
CASC	III	23 02 14 52.4-2.5	9.74N	82.91W	2-13	3.5,2.6L			¶110608830
CASC		Error ellipse: s-maj=12.4km s-min=12.1km az=-1.0.							
ISC	IV	08 13 22 25.1-9.9	8.8N-10	82.74W-08	26-7	3.9b,3.7s	32	0-71	
IDC	IV	08 13 22 23.0-1.3	9.13N	82.59W	0	4.2,4.0L			¶19594474
ISCJB	IV	08 13 22 24.1-1.4	8.8N-10	82.72W-09	28-12	3.9b,3.7s			
UCR	IV	08 13 22 25.8	8.90N	82.88W	5	4.5L,4.4			
CASC	IV	08 13 22 25.9-2.1	8.92N	82.91W	3-12	4.4,4.3L			
IDC		Error ellipse: s-maj=4.51km s-min=24.1km az=60.0.							
ISCJB		Error ellipse: s-maj=21.5km s-min=9.0km az=72.6.							
CASC		Error ellipse: s-maj=6.6km s-min=10.0km az=-1.0.							
IDC	III	11 18 23 07.6-1.8	9.68N	82.69W	24-6	3.9,3.7			¶110602020
IDC		Error ellipse: s-maj=52.9km s-min=26.0km az=20.0.							
CASC	II	14 21 16 09.8-2.2	9.06N	82.48W	5-0	4.0W,3.6			¶19570875
CASC		Error ellipse: s-maj=4.8km s-min=9.8km az=-1.0.							
ISC	II	24 23 38 29.4-7.5	9.46N-03	82.70W-03	1-5	4.7s,4.6b	102	1-151	
NAO	II	24 23 38 25.5	7.73N	82.81W	33	3.9b,4.6b			¶18113918
IDC	II	24 23 38 28.2-6.3	9.58N	82.64W	0	4.5,4.4			
ISCJB	II	24 23 38 30.7-7.0	9.42N-04	82.69W-03	25-6	4.7s,4.5b			
BJI	II	24 23 38 31.3	9.40N	82.80W	19	5.4b,5.3s			
NEIC	II	24 23 38 31.4-2.9	9.38N	82.77W	20	4.7b,5.3s			
CASC	II	24 23 38 31.2-2.6	9.37N	82.78W	6-7	5.3W,4.7L			
MOS	II	24 23 38 33.4-1.2	9.34N	82.89W	52	5.1b,4.7L			
ISC		Event type se.							
IDC		Error ellipse: s-maj=23.4km s-min=13.0km az=48.0.							
ISCJB		Event type se. Error ellipse: s-maj=7.3km s-min=3.7km az=60.3.							
NEIC		Event type se. Error ellipse: s-maj=6.9km s-min=4.9km az=46.0.							
CASC		Error ellipse: s-maj=4.6km s-min=4.9km az=-1.0.							
MOS		Error ellipse: s-maj=17.1km s-min=10.1km az=113.4.							
CASC	V	21 18 01 49.8-2.0	8.34N	82.90W	5-0	3.8			¶19920713
CASC		Error ellipse: s-maj=4.0km s-min=4.4km az=-1.0.							
ISC	V	02 06 40 52.5-1.9	8.11N-03	82.89W-02	25	5.0b,4.8s	454	1-151	
IDC	V	02 06 40 47.3-5.6	8.09N	83.00W	0	4.9,4.8			¶110698238
ISCJB	V	02 06 40 50.4-1.9	8.13N-03	82.86W-02	24	5.0b,4.8s			
MOS	V	02 06 40 51.8-9.7	8.16N	82.85W	32	5.3b,4.9s			
BJI	V	02 06 40 52.0	8.10N	82.90W	23	5.5b,5.4s			
HRVD	V	02 06 40 52.0-1.0	8.09N	82.87W	12	5.3W,5.4s			
NEIC	V	02 06 40 52.0-2.1	8.13N	82.89W	24	5.1s,5.1b			
SZGRF	V	02 06 40 57.9	9.08N	82.37W	33	5.2b,5.2s			
CASC	V	02 06 40 59.5-1.9	8.87N	82.93W	17-6	5.1b,4.8			
ISC		Event type se.							
IDC		Error ellipse: s-maj=22.4km s-min=12.6km az=58.0.							
ISCJB		Event type se. Error ellipse: s-maj=4.4km s-min=2.3km az=60.7.							
MOS		Error ellipse: s-maj=6.3km s-min=4.8km az=97.9.							
HRVD		Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s69,c114; Mantle waves: s85,c167; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr:0.85±0.1 Mθ:0.24±0.1; Mφ:0.61±0.1; Mθ:0.10±0.3; Mφ:0.50±0.1; Mθ:0.44±0.3; Best double couple: NP1:φ:314.00000°,λ:73.00000°,λ:71.00000°; NP2:φ:156.00000°,λ:85.00000°,λ:102.00000°. Principal axes: T 0.9780,Plg74.0000°,AzM97.0000°; N 0.0710,Plg10.0000°,AzM329.0000°; P -1.0490,Plg13.0000°,AzM237.0000°; Mθ:0.1400×10 ¹⁷							
NEIC		Event type se. Error ellipse: s-maj=5.7km s-min=3.2km az=213.0.							
SZGRF		Panama-Costa Rica border region.							
CASC		Error ellipse: s-maj=6.8km s-min=3.2km az=-1.0.							

CASC	V	05 04 22 53.2-2.0	8.12N	82.82W	3-0	3.9			¶19920245
CASC		Error ellipse: s-maj=7.7km s-min=4.7km az=-1.0.							
CASC	V	05 07 07 37.0-2.3	8.11N	82.82W	14-17	4.2			¶19920251
CASC		Error ellipse: s-maj=11.7km s-min=10.9km az=-1.0.							
CASC	V	05 07 53 04.5-2.5	8.26N	82.92W	19-14	4.0			¶19920252
CASC		Error ellipse: s-maj=13.5km s-min=9.5km az=-1.0.							
CASC	V	06 22 29 35.1-2.3	8.78N	82.51W	0-5	3.9			¶19920292
CASC		Error ellipse: s-maj=6.6km s-min=3.3km az=-1.0. Moment Tensor Solution. NP1: φ:327.85000°,λ:67.48000°,λ:45.90000°.							
CASC	V	07 00 40 35.8-2.2	8.76N	82.48W	2-5	4.2			¶19920303
CASC		Error ellipse: s-maj=4.0km s-min=4.2km az=-1.0. Moment Tensor Solution. NP1: φ:102.90000°,λ:83.59000°,λ:7.69000°.							
CASC	V	07 01 27 44.5-2.4	8.78N	82.50W	1-5	4.0			¶19920304
CASC		Error ellipse: s-maj=4.7km s-min=3.7km az=-1.0. Moment Tensor Solution. NP1: φ:291.89000°,λ:77.05000°,λ:53.13000°.							
CASC	V	07 17 57 26.2-2.5	8.34N	82.96W	5-0	4.0,3.1L			¶19920310
CASC		Error ellipse: s-maj=8.4km s-min=4.9km az=-1.0.							
CASC	V	12 08 37 28.9-2.0	8.41N	82.84W	0-8	3.6			¶19920449
CASC		Error ellipse: s-maj=4.1km s-min=9.7km az=-1.0.							
CASC	V	14 02 42 47.6-2.2	8.29N	82.91W	5-0	3.9			¶19920505
CASC		Error ellipse: s-maj=5.1km s-min=5.2km az=-1.0.							
CASC	V	14 03 45 52.7-3.0	8.79N	82.45W	6-0	3.6			¶19920508
CASC		Error ellipse: s-maj=7.8km s-min=7.1km az=-1.0.							
CASC	V	14 05 13 32.8-2.3	8.78N	82.47W	0-4	3.7			¶19920509
CASC		Error ellipse: s-maj=4.7km s-min=4.9km az=-1.0.							
CASC	V	14 05 47 34.1-2.2	8.81N	82.47W	1-5	4.0			¶19920510
CASC		Error ellipse: s-maj=4.9km s-min=5.2km az=-1.0.							
CASC	V	14 10 17 08.0-2.1	8.78N	82.46W	5-0	3.5			¶19920512
CASC		Error ellipse: s-maj=8.9km s-min=16.3km az=-1.0.							
CASC	V	20 04 09 35.8-1.6	8.42N	82.98W	0-5	3.9			¶19920688
CASC		Error ellipse: s-maj=8.0km s-min=5.7km az=-1.0.							
CASC	V	20 22 12 35.0-2.7	8.40N	82.94W	18-8	4.0,3.6L			¶19920697
CASC		Error ellipse: s-maj=6.4km s-min=5.1km az=-1.0.							
CASC	V	22 02 01 55.6-1.8	8.34N	82.99W	5-0	3.7,3.0L			¶19920723
CASC		Error ellipse: s-maj=4.9km s-min=3.2km az=-1.0.							
CASC	V	22 06 37 15.3-2.4	8.76N	82.49W	5-0	3.9			¶19920726
CASC		Error ellipse: s-maj=4.0km s-min=4.0km az=-1.0. Moment Tensor Solution. NP1: φ:843.96000°,λ:60.48000°.							
CASC	V	27 09 09 53.3-2.6	8.87N	82.97W	21-8	3.5,2.8L			¶19920888
CASC		Error ellipse: s-maj=5.0km s-min=4.4km az=-1.0.							
CASC	V	28 15 41 33.1-2.6	8.35N	82.78W	6-8	3.9,3.1L			¶19920912
CASC		Error ellipse: s-maj=7.0km s-min=6.7km az=-1.0.							
ISC	V	02 02 56 10.7-3.7	8.27N	82.81W	0	4.1,3.9b			¶19598360
IDC		Error ellipse: s-maj=131.5km s-min=32.8km az=27.0.							
NEIC	V	04 17 43 09.7	8.90N	82.54W	0	4.5L			¶110665340
NEIC		Event type de. Slight damage [V] at Boquete, Panama. Felt [IV] at Cerro Punta and Volcan Baru; [III] at La Concepcion and David, Panama. Felt [III] at San Vito and [II] at Golfito, Costa Rica. After CASC.							
IDC	V	02 00 10 48.4-4.6	8.61N	82.65W	0	3.9,3.6b			¶19598356
IDC		Error ellipse: s-maj=155.9km s-min=27.6km az=23.0.							
ISC	V	01 07 48 03.2-2.1	8.10N-03	82.92W-02	36	5.6s,5.0b	495	1-158	
BJI	V	01 07 47 57.3	7.88N	82.45W	13	6.2s,6.0s			¶110698223

RSPR	III	04 08 56 05.3	19.12N	64.00W	3-3	3.5,3.5			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=9.2km s-min=3.8km az=19.1.								
NEIC	Event type se. After RSPR.								
RSPR	III	05 23 07 57.9-1.3	19.08N-07	63.95W-04	4-6	44	1-4		
ISC	III	06 23 07 57.2-1.4	19.11N-07	63.97W-05	5-12	110598678			
NEIC	III	06 23 07 58.6	19.05N	63.80W	5		3.6		
RSPR	III	06 23 07 58.6	19.05N	63.80W	5-31		3.6,3.6		
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=13.0km s-min=6.6km az=39.1.								
NEIC	Event type se. After RSPR.								
RSPR	III	07 07 39 48.8	19.12N	63.88W	5-31	110598881	3.5,3.5		
ISC	III	07 07 39 48.8	19.12N	63.88W	5		3.5,3.5		
NEIC	III	03 00 42 28.6	18.97N	63.75W	32-14	110596177	3.5,3.5		
RSPR	III	03 00 42 28.6	18.97N	63.75W	32		3.5,3.5		
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=8.6km s-min=3.4km az=16.7.								
NEIC	Event type se. After RSPR.								
RSPR	III	03 17 43 18.6	19.10N	63.86W	20-29	110596703	3.5,3.5		
ISC	III	03 17 43 18.6	19.10N	63.86W	20		3.5,3.5		
NEIC	III	04 03 09 28.2	19.13N	63.92W	16-17	110596941	3.5,3.5		
RSPR	III	04 03 09 28.2	19.13N	63.92W	16		3.5,3.5		
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=10.9km s-min=5.0km az=24.3.								
NEIC	Event type se. After RSPR.								
RSPR	III	04 03 11 39.9	19.13N	63.87W	15-19	110596942	3.5,3.5		
ISC	III	04 03 11 39.9	19.13N	63.87W	15		3.5,3.5		
NEIC	III	05 03 06 57.1	19.10N	63.71W	24-12	110597582	3.5,3.5		
RSPR	III	05 03 06 57.1	19.10N	63.71W	24		3.5,3.5		
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=13.3km s-min=5.9km az=7.0.								
NEIC	Event type se. After RSPR.								
RSPR	III	03 02 13 46.0-1.2	19.11N-06	63.99W-03	10-5	53	0-24		
ISC	III	03 02 13 45.0-1.2	19.19N-08	63.98W-04	15-10	110596227	3.7b		
NEIC	III	03 02 13 44.2	19.06N	64.05W	5		3.7		
RSPR	III	03 02 13 46.9	19.01N	63.82W	10-31		3.7,3.7		
ISC	III	03 02 13 46.9	19.01N	63.82W	10		3.9b,3.7		
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=13.1km s-min=4.9km az=32.3.								
NEIC	Event type se. After RSPR.								
RSPR	III	03 09 53 33.3-39	19.26N-03	63.91W-02	10	86	1-70		
ISC	III	03 09 53 29.5	19.33N	63.92W	7	110596467	4.2,3.6s		
NEIC	III	03 09 53 30.9-72	19.20N	63.92W	0		4.0,3.9		
RSPR	III	03 09 53 31.4-40	19.34N-03	63.89W-02	10		3.9b,3.6s		
ISC	III	03 09 53 32.3	19.26N	63.60W	22		4.1b,3.8		
NEIC	III	03 09 53 32.3	19.26N	63.60W	22-19		3.8,3.8		
ISC	Event type ke.								
IDC	Error ellipse: s-maj=18.3km s-min=14.5km az=57.0.								
ISCJB	Event type ke. Error ellipse: s-maj=4.7km s-min=2.8km az=19.8.								
NEIC	Event type se. After RSPR.								
RSPR	III	09 09 15 58.0-1.2	16.22N-05	61.83W-08	147-11	49	0-5		
ISC	III	09 09 15 57.5-1.1	16.21N-06	61.84W-09	148-11	110600148			
NEIC	III	09 09 15 57.2	16.28N	61.52W	151		3.5,3.5		
RSPR	III	09 09 15 59.0	20.81N	61.98W	25-64		4.4,4.4		
ISC	III	09 09 16 00.3	16.22N	61.63W	135		4.4,4.4		
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=15.8km s-min=5.0km az=117.6.								
NEIC	Event type se. After RSPR.								
RSPR	III	05 01 49 49.7-1.3	16.58N-03	60.76W-06	19-7	31	0-60		
ISC	IV	05 01 49 49.2-1.1	16.61N-04	60.72W-06	29-7	119434988	3.5b		
NEIC	IV	05 01 49 49.9	16.54N	60.68W	32		3.5		
RSPR	IV	05 01 49 50.0-3.2	16.60N	60.77W	23-22		3.5,3.4		
ISC	Event type ke.								
ISCJB	Error ellipse: s-maj=10.4km s-min=5.4km az=150.1.								
NEIC	Event type se. After RSPR.								
RSPR	III	23 09 42 45.7-84	16.42N-03	61.05W-05	20-4	49	0-74		
ISC	III	23 09 42 43.3-1.1	16.41N	61.50W	0	110608990	5.3L,4.0		
NEIC	III	23 09 42 45.6-73	16.43N-03	61.07W-05	29-3		3.7b,4.0		
RSPR	III	23 09 42 45.9	16.42N	61.11W	35		3.8,3.8		
ISC	III	23 09 42 45.5	16.39N	61.24W	30		3.9,3.8		
ISC	Event type ke.								
IDC	Error ellipse: s-maj=35.2km s-min=11.2km az=24.0.								
ISCJB	Event type ke. Error ellipse: s-maj=9.0km s-min=3.4km az=134.2.								
NEIC	Event type se. Felt [III] on Guadeloupe. After TRN.								
RSPR	III	28 22 29 47.2-50	17.29N-06	62.44W-06	109-4	25	1-62		
ISC	III	28 22 29 45.4-2.2	17.22N	62.57W	95-28	110612562	3.6,3.5		
NEIC	III	28 22 29 46.1-50	17.31N-07	62.43W-06	115-4		3.6b,3.5		
RSPR	III	28 22 29 47.8	17.26N	62.43W	91		3.5,3.5		
ISC	III	28 22 29 47.3	17.23N	62.43W	94		3.5,3.5		
ISC	Event type ke.								
IDC	Error ellipse: s-maj=30.9km s-min=23.3km az=68.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.5km s-min=5.8km az=80.4.								
NEIC	Event type se. After TRN.								
RSPR	III	30 04 07 02.8-48	16.16N-02	60.68W-05	35	63	0-74		
ISC	III	30 04 07 00.2-49	16.19N-02	60.55W-05	33	110613225	4.0b		
NEIC	III	30 04 07 03.7	16.05N	60.94W	25		3.9,3.5		
RSPR	III	30 04 07 03.4-4.1	16.21N	60.73W	44-39		4.1,4.0L		
ISC	III	30 04 07 03.1	16.02N	60.74W	19		4.1b,3.8		
ISC	Event type ke.								
ISCJB	Event type fe. Error ellipse: s-maj=6.3km s-min=3.3km az=166.9.								
IDC	Error ellipse: s-maj=36.7km s-min=17.0km az=57.0.								
NEIC	Event type fe. Felt [I] on Guadeloupe. After FDF.								
RSPR	III	02 06 33 56.3	15.72N	60.80W	37	110595604	3.5,3.3		
ISC	III	03 00 18 12.9	19.10N	63.92W	8-1	110596163	3.6,3.6		
NEIC	III	03 00 18 12.9	19.10N	63.92W	8		3.6,3.6		
RSPR	III	03 01 32 46.5	19.09N	63.72W	24-21	110596207	3.6,3.6		
ISC	III	03 01 32 46.5	19.09N	63.72W	24		3.6,3.6		
RSPR	III	03 02 21 29.7	19.45N	63.95W	60-3	110596237	3.6,3.6		
ISC	III	03 02 21 29.7	19.45N	63.95W	60		3.6,3.6		
RSPR	III	03 03 47 28.2	18.91N	63.79W	6-1	110596291	3.6,3.6		
ISC	III	03 03 47 28.2	18.91N	63.79W	6		3.6,3.6		
RSPR	III	03 10 36 53.7	19.03N	63.89W	12-16	110596490	3.5,3.5		
ISC	III	03 10 36 53.7	19.03N	63.89W	12		3.5,3.5		
RSPR	III	03 14 36 36.0	19.11N	63.99W	5-31	110596623	3.7,3.7		
ISC	III	03 14 36 36.0	19.11N	63.99W	5		3.7,3.7		

RSPR	Event type ke.								
NEIC	Event type se. After RSPR.								
RSPR	III	05 10 01 56.2	19.00N	63.89W	13-26	3.7,3.7			
ISC	III	05 10 01 56.2	19.00N	63.89W	13		3.6,3.7		110597789
RSPR	Event type ke.								
NEIC	Event type se. After RSPR.								
RSPR	III	06 01 59 30.3	19.11N	63.92W	5-31	3.5,3.5			
ISC	III	06 01 59 30.3	19.11N	63.92W	5		3.5,3.5		110598162
RSPR	Event type ke.								
NEIC	Event type se. After RSPR.								
RSPR	III	02 23 51 35.1-95	19.24N-03	63.96W-02	9-6	4.2b	90	1-163	
ISC	III	02 23 51 34.4	19.15N	63.99W	14	4.0			110596148
NEIC	III	02 23 51 35.7	19.15N	63.80W	5	4.4b,3.9			
RSPR	III	02 23 51 35.7	19.15N	63.80W	5-31	3.9,3.9			
ISCJB	III	02 23 51 37.1-67	19.22N-05	63.95W-02	46-7	4.2b,3.9			
IDC	III	02 23 51 39.6-1.6	19.03N	63.99W	52-16	4.1,4.0			
ISC	Event type ke.								
NEIC	Event type se. After RSPR.								
RSPR	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=8.6km s-min=3.4km az=16.7.								
IDC	Error ellipse: s-maj=13.5km s-min=8.2km az=15.0.								
RSPR	III	03 03 39 29.5-1.5	19.15N-07	63.98W-04	15-10	37	1-4		
ISC	III	03 03 39 29.5-1.2	19.20N-06	63.99W-03	26-6	110596284			
NEIC	III	03 03 39 29.4	19.05N	63.98W	25	3.7			
RSPR	III	03 03 39 31.0	19.12N	63.93W	8	3.7			
ISC	III	03 03 39 31.0	19.12N	63.93W	8-1	3.7,3.7			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=10.9km s-min=5.0km az=24.3.								
NEIC	Event type se. After RSPR.								
RSPR	III	03 10 07 32.8-99	19.23N-04	63.97W-02	24-7	3.9b,3.4s	77	1-163	
ISC	III	03 10 07 28.2-66	19.15N	63.96W	0	4.6L,4.0			110596474
NEIC	III	03 10 07 29.9-45	19.30N-03	63.96W-02	16	3.9b,3.4s			
RSPR	III	03 10 07 32.2	19.10N	63.99W	24	4.1,3.4s			
ISC	III	03 10 07 34.0	19.16N	63.90W	16	4.2b,3.9			
RSPR	III	03 10 07 34.0	19.16N	63.90W	16-18	3.9,3.9			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=18.3km s-min=14.4km az=66.0.								
ISCJB	Event type ke. Error ellipse: s-maj=4.8km s-min=3.0km az=11.6.								
NEIC	Event type se. After RSPR.								
RSPR	Event type ke.								
ISC	III	04 15 30 01.2-1.4	19.20N-03	63.96W-02	31-10	4.0b,3.5s	94	1-84	
NEIC	III	04 15 29 56.8-2.2	19.22N	63.81W	6-13	4.2b,3.9			110597287
IDC	III	04 15 29 56.3-58	19.11N	63.94W	0	5.4L,4.1			
RSPR	III	04 15 29 59.0	19.49N	63.48W	50	4.4,4.1			
ISCJB	III	04 15 30 00.9-68	19.14N-05	63.95W-02	50-7	4.0b,3.5s			
RSPR	III	04 15 30 03.0	19.09N	64.05W	3-5	3.9,3.9			
ISC	Event type ke.								
NEIC	Event type se. Error ellipse: s-maj=9.4km s-min=7.3km az=95.0.								
IDC	Error ellipse: s-maj=17.0km s-min=14.0km az=56.0.								
ISCJB	Event type ke. Error ellipse: s-maj=9.0km s-min=3.3km az=23.5.								
RSPR	Event type ke.								
ISC	VI	14 02 27 18.9-61	16.05N-02	61.13W-05	16-3	3.8b	60	0-61	
IDC	VI	14 02 27 15.8-94	16.15N	61.01W	0	4.1,3.9			119221945
TRN	VI	14 02 27 17.6	16.03N	61.20W	20	3.9,3.8			
ISCJB	VI	14 02 27 18.6-60	16.07N-02	61.11W-05	25-3	3.8b,3.8			
NEIC	VI	14 02 27 19.1	16.06N	61.20W	19	3.9b,3.8			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=31.4km s-min=12.4km az=79.0.								
TRN	Event type fe. Felt [II] & [III] on Guadeloupe.								
ISCJB	Event type fe. Error ellipse: s-maj=8.7km s-min=2.9km az=146.8.								
NEIC	Event type fe. Felt [III] on Guadeloupe. After FDF.								
RSPR	VI	21 09 23 06.2	18.86N	63.03W	10				
NEIC	VI	21 09 23 08.6	19.02N	62.83W	25	3.7			118495712
RSPR	VI	21 09 23 08.6	19.02N	62.83W	25-26	3.7,3.7			
NEIC	Event type se. After RSPR.								
RSPR	VI	26 10 48 42.2-89	15.08N-05	60.83W-08	119-5	61	0-7		
ISC	VI	26 10 48 41.8-86	15.08N-04	60.88W-07	122-5	119222660			
NEIC	VI	26 10 48 41.2	15.09N	60.76W	113	3.5,3.4			
RSPR									

IDC	Error ellipse: s-maj=28.7km s-min=17.3km az=60.0.								
ISCJB	Event type se. Error ellipse: s-maj=11.0km s-min=7.1km az=57.5.								
NEIC	Event type se. After TRN.								
ISC	II 10 22 50 11.9-1.2	15.40N-07	61.05W-10	153-7	36	0-5			
TRN	II 10 22 50 10.3	15.40N	61.16W	158					
ISCJB	II 10 22 50 11.7-1.2	15.40N-08	61.10W-10	151-7					
RSPR	II 10 22 50 13.0	21.30N	61.15W	102-14					
NEIC	II 10 22 50 13.8	15.35N	61.27W	134					
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=17.4km s-min=10.1km az=111.8.								
RSPR	Event type ke.								
NEIC	Event type se. After FDF.								
ISC	II 11 00 06 14.6-38	16.14N-06	61.88W-06	175-3	59	0-73			
TRN	II 11 00 06 11.9	16.26N	61.70W	191					
ISCJB	II 11 00 06 13.5-38	16.15N-06	61.87W-06	181-3					
RSPR	II 11 00 06 13.4	21.54N	62.63W	25-66					
IDC	II 11 00 06 13.9-55	16.12N	61.88W	168-4					
NEIC	II 11 00 06 18.8	16.18N	61.72W	143					
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=13.3km s-min=4.2km az=84.8.								
RSPR	Event type ke.								
IDC	Error ellipse: s-maj=15.3km s-min=8.7km az=64.0.								
NEIC	Event type se. After FDF.								
ISC	II 12 11 44 27.5-42	15.38N-02	60.79W-04	42-5	157	1-165			
LDG	II 12 11 44 20.7-27	15.51N	60.92W	10-0					
IDC	II 12 11 44 24.7-1.1	15.40N	60.80W	25-7					
TRN	II 12 11 44 25.3	15.40N	60.77W	35					
NEIC	II 12 11 44 26.3	15.34N	60.85W	32					
ISCJB	II 12 11 44 26.5-33	15.37N-02	60.79W-04	54-3					
BJI	II 12 11 44 32.3	15.30N	60.80W	32					
NAO	II 12 11 44 47.9	17.84N	58.52W	33					
ISC	Event type fe.								
LDG	Event type ke. Error ellipse: s-maj=18.2km s-min=6.0km az=101.0.								
IDC	Error ellipse: s-maj=13.6km s-min=6.6km az=81.0.								
NEIC	Event type fe. Felt [III] on Martinique and [II] on Guadeloupe. After TRN.								
ISCJB	Event type fe. Error ellipse: s-maj=6.5km s-min=3.1km az=152.0.								
TRN	II 18 07 54 22.0	15.94N	61.25W	98					
NEIC	II 18 07 54 22.0	15.94N	61.24W	97					
NEIC	Event type se. After TRN.								
ISC	II 23 08 07 26.1-57	15.10N-04	61.22W-06	184-4	69	0-75			
NEIC	II 23 08 07 23.1	15.13N	60.94W	195					
ISCJB	II 23 08 07 25.1-57	15.09N-04	61.21W-06	188-4					
IDC	II 23 08 07 25.9-79	15.09N	61.50W	173-24					
RSPR	II 23 08 07 25.4	15.29N	60.97W	25-66					
TRN	II 23 08 07 25.6	15.07N	61.28W	180					
ISC	Event type ke.								
NEIC	Event type se. After TRN.								
ISCJB	Event type ke. Error ellipse: s-maj=10.8km s-min=5.0km az=131.9.								
IDC	Error ellipse: s-maj=99.4km s-min=9.9km az=85.0.								
RSPR	Event type ke.								
TRN	II 23 23 33 00.8	15.76N	60.82W	32					
NEIC	II 23 23 33 01.7	15.79N	60.88W	42					
NEIC	Event type se. After TRN.								
TRN	V 25 07 54 23.1	19.40N	63.02W	17					
RSPR	V 25 07 54 25.6	19.50N	62.92W	55-6					
NEIC	V 25 07 54 25.6	19.50N	62.92W	55					
RSPR	Event type ke.								
NEIC	Event type se. After RSPR.								
TRN	V 02 09 51 35.4	17.60N	60.68W	35					
ISC	V 11 02 31 07.6-26	15.06N-02	60.31W-03	35	160	1-165			
ISCJB	V 11 02 31 04.8-27	15.08N-02	60.17W-03	33					
TRN	V 11 02 31 06.6	15.01N	60.47W	19					
BJI	V 11 02 31 07.2	15.00N	60.40W	28					
NEIC	V 11 02 31 08.2	14.98N	60.36W	29					
IDC	V 11 02 31 08.6-72	14.95N	60.56W	48-7					
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=4.1km s-min=2.7km az=165.5.								
NEIC	Event type fe. Felt [IV] on Martinique. Also felt on Saint Lucia. After FDF.								
IDC	Error ellipse: s-maj=16.1km s-min=5.4km az=84.0.								
TRN	V 13 15 37 05.3	15.78N	61.64W	17					
NEIC	V 13 15 37 08.0	15.73N	61.31W	38					
NEIC	Event type se. After TRN.								
ISC	V 14 06 47 49.7-34	15.82N-02	61.56W-05	18-2	37	0-5			
TRN	V 14 06 47 51.7	15.81N	61.57W	23					
ISCJB	V 14 06 47 51.6-36	15.82N-03	61.60W-06	19-4					
NEIC	V 14 06 47 51.9-35	15.82N	61.54W	17-4					
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=9.7km s-min=2.9km az=138.0.								
NEIC	Event type fe. Error ellipse: s-maj=7.3km s-min=3.5km az=68.0. Felt [III] on Guadeloupe.								
ISC	V 14 21 02 47.2-35	17.74N-04	62.63W-04	88-3	65	0-84			
TRN	V 14 21 02 45.6	17.82N	62.56W	81					
ISCJB	V 14 21 02 46.2-35	17.72N-05	62.66W-04	96-3					
NEIC	V 14 21 02 47.5	17.84N	62.60W	65					
IDC	V 14 21 02 47.3-3.0	17.63N	62.70W	92-29					
ISC	Event type fe.								
TRN	Event type fe. Felt (II) & (III) in St. Barths, and (III) in St. Martin.								
ISCJB	Event type fe. Error ellipse: s-maj=9.4km s-min=4.0km az=80.2.								
NEIC	Event type fe. Felt [III] on Saint-Barthelemy. Also felt at Philipsburg, St. Maarten. After TRN.								
IDC	Error ellipse: s-maj=23.4km s-min=12.3km az=80.0.								
ISC	V 23 10 29 39.5-40	15.30N-05	61.28W-07	150-2	53	0-75			
ISCJB	V 23 10 29 38.2-40	15.27N-05	61.25W-07	156-2					
IDC	V 23 10 29 38.8-52	15.32N	61.30W	144-3					
TRN	V 23 10 29 38.6	15.32N	61.18W	148					
NEIC	V 23 10 29 39.7	15.30N	61.28W	144					
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=13.1km s-min=5.8km az=116.0.								
IDC	Error ellipse: s-maj=15.0km s-min=7.5km az=73.0.								
NEIC	Event type se. After TRN.								
TRN	I 22 22 52 48.6	15.33N	61.50W	166					
NEIC	I 22 22 52 51.7	15.29N	61.55W	151					
NEIC	Event type se. After FDF.								
ISC	I 30 10 53 13.1-82	17.76N-06	61.56W-05	37-9	54	0-72			
ISCJB	I 30 10 53 11.8-80	17.83N-07	61.57W-04	45-9					
TRN	I 30 10 53 12.0	17.71N	61.63W	30					
IDC	I 30 10 53 12.9-4.8	17.73N	61.44W	45-57					
NEIC	I 30 10 53 12.1	17.71N	61.59W	34					
RSPR	I 30 10 53 16.6	17.82N	61.77W	25-21					
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=11.7km s-min=5.6km az=49.0.								
IDC	Error ellipse: s-maj=47.9km s-min=24.2km az=35.0.								
NEIC	Event type se. After TRN.								
RSPR	Event type ke.								
TRN	I 18 00 35 43.2	16.80N	60.66W	9					
ISC	I 06 21 43 06.1-70	16.10N-03	60.70W-06	35	38	0-74			
IDC	I 06 21 43 01.1-1.4	16.35N	60.62W	0					
ISCJB	I 06 21 43 04.5-77	16.12N-03	60.63W-07	33					
TRN	I 06 21 43 05.8	16.02N	60.83W	31					
NEIC	I 06 21 43 06.9	16.05N	60.92W	29					
ISC	Event type se.								
IDC	Error ellipse: s-maj=27.8km s-min=14.8km az=150.0.								
ISCJB	Event type se. Error ellipse: s-maj=9.3km s-min=4.2km az=176.3.								
NEIC	Event type se. After TRN.								
ISC	I 08 11 33 23.2-47	15.58N-05	61.32W-08	154-3	46	0-74			
ISCJB	I 08 11 33 22.0-47	15.58N-05	61.31W-08	159-3					
NEIC	I 08 11 33 22.9	15.60N	61.38W	153					
TRN	I 08 11 33 22.2	15.59N	61.26W	153					
IDC	I 08 11 33 23.1-52	15.58N	61.36W	148-5					
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=13.3km s-min=5.6km az=128.4.								

NEIC	Event type se. After TRN.								
IDC	Error ellipse: s-maj=21.3km s-min=6.5km az=76.0.								
ISC	I 18 12 42 30.0-89	17.57N-03	61.32W-03	27-6			4.3b,3.8s	118	0-83
TRN	I 18 12 42 26.9	17.47N	61.33W	13			4.6,4.3		18036031
NEIC	I 18 12 42 27.7-1.5	17.56N	61.20W	14-9			4.5b,4.3		
ISCJB	I 18 12 42 29.0-32	17.60N-02	61.33W-03	33			4.3b,3.8s		
IDC	I 18 12 42 29.7-2.6	17.51N	61.24W	28-19			4.2,4.2		
RSPR	I 18 12 42 33.6	17.40N	61.50W	49-20			4.3,4.2		
ISC	Event type ke.								
NEIC	Event type se. Error ellipse: s-maj=8.5km s-min=4.1km az=59.0.								
ISCJB	Event type ke. Error ellipse: s-maj=4.2km s-min=2.6km az=87.0.								
IDC	Error ellipse: s-maj=15.2km s-min=11.7km az=61.0.								
RSPR	Event type ke.								
ISC	VI 21 12 34 45.5-32	15.73N-02	61.51W-04	13-2			4.2b	63	0-173
IDC	VI 21 12 34 43.4-61	15.74N	61.64W	0			4.9L,4.4		110699034
TRN	VI 21 12 34 43.3	15.73N	61.48W	21			3.8,3.7		
ISCJB	VI 21 12 34 45.0-31	15.72N-02	61.55W-05	21-3			4.2b,3.7		
NEIC	VI 21 12 34 45.2	15.73N	61.52W	10			4.3b,3.8		
ISC	Event type fe.								
IDC	Error ellipse: s-maj=18.6km s-min=17.0km az=140.0.								
TRN	Event type fe. Felt IV Guadeloupe.								
ISCJB	Event type fe. Error ellipse: s-maj=8.3km s-min=3.0km az=140.6.								
NEIC	Event type fe. 3.7 [TRN]. Felt [IV] on Guadeloupe. After FDF.								
TRN	VI 25 21 35 11.9	16.03N	61.22W	72			3.0,2.7		
NEIC	VI 25 21 35 13.4	16.02N	61.20W	70			2.5,2.7		19222616
NEIC	Event type se. After FDF.								
RSPR	III 02 23 59 12.8	19.28N	63.58W	51-12			3.8,3.8		
NEIC	III 02 23 59 12.8	19.28N	63.58W	50			3.8,3.8		

ISC	III	26 21 40 51.4--45	6.84N-04	72.97W-06	166-5	3.8b	37	1-150
FUNV	III	26 21 40 49.9	6.65N	73.13W	169	4.2W		
ISCJB	III	26 21 40 50.2--46	6.82N-04	72.95W-06	174-5	3.8b		¶10611274
IDC	III	26 21 40 50.7--69	6.74N	72.98W	164-7	4.0,3,7		
NEIC	III	26 21 40 51.5--60	6.78N	73.00W	170-7	3.6b,3.7		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=10.1km s-min=5.9km az=63.9.							
IDC	Error ellipse: s-maj=17.4km s-min=7.6km az=125.0.							
NEIC	Event type se. Error ellipse: s-maj=9.5km s-min=7.2km az=78.0.							
IDC	III	05 17 06 13.0--82	6.73N	72.96W	162-15	3.7,3.4		
IDC	Error ellipse: s-maj=64.3km s-min=7.6km az=132.0.							
IDC	III	06 21 29 14.1--81	6.77N	72.95W	160-13	3.8,3.6		
IDC	Error ellipse: s-maj=46.1km s-min=7.9km az=132.0.							
IDC	III	07 19 39 18.4--82	6.77N	73.02W	157-17	3.5,3.3		
IDC	Error ellipse: s-maj=66.4km s-min=7.8km az=132.0.							
IDC	III	12 03 03 38.5--76	6.82N	72.98W	160-12	3.7,3.5		
IDC	Error ellipse: s-maj=54.1km s-min=7.5km az=131.0.							
IDC	III	14 09 57 02.3--2.5	6.47N	73.89W	60-31	3.8,3.7		
IDC	Error ellipse: s-maj=55.7km s-min=8.3km az=125.0.							
IDC	III	21 20 58 34.7--77	6.81N	72.98W	158-11	3.6,3.4		
IDC	Error ellipse: s-maj=52.9km s-min=7.6km az=131.0.							
IDC	III	29 22 05 18.2--88	6.76N	73.00W	151-16	3.3,3.0		
IDC	Error ellipse: s-maj=72.5km s-min=8.0km az=132.0.							
IDC	III	31 02 50 11.3--85	6.76N	73.01W	160-16	3.4,3.1		
IDC	Error ellipse: s-maj=73.0km s-min=7.8km az=132.0.							
IDC	III	31 13 26 11.6--74	6.79N	73.01W	164-11	4.1,3.8		
IDC	Error ellipse: s-maj=42.8km s-min=7.9km az=131.0.							
ISC	IV	22 09 21 03.3--1.3	6.8N-50	73.0W-60	164-35	3.5b	9	2-150
ISCJB	IV	22 09 21 02.3--95	6.8N-50	73.1W-60	165-39	3.5b		¶9597715
IDC	IV	22 09 21 02.6--73	6.75N	72.96W	158-10	3.9,3.7		
ISCJB	Error ellipse: s-maj=127.3km s-min=9.9km az=86.9.							
IDC	Error ellipse: s-maj=37.5km s-min=7.7km az=131.0.							
ISC	IV	23 04 48 31.2--78	6.91N-07	73.04W-09	161-9	3.4b	18	1-150
ISCJB	IV	23 04 48 30.1--77	6.92N-07	73.05W-09	166-8	3.4b		¶9597762
FUNV	IV	23 04 48 30.3	6.76N	73.17W	162	3.5W		
IDC	IV	23 04 48 32.9-3.1	6.09N	72.95W	220-23	3.4,3.2		
ISCJB	Error ellipse: s-maj=17.2km s-min=7.4km az=70.8.							
IDC	Error ellipse: s-maj=61.6km s-min=22.6km az=75.0.							
ISC	IV	27 14 29 39.3--64	6.83N-07	72.91W-07	166-6	3.7b	24	1-151
FUNV	IV	27 14 29 37.2	6.70N	73.15W	173	3.5W		¶9598092
ISCJB	IV	27 14 29 38.1-64	6.82N-07	72.91W-07	174-6	3.7b		
IDC	IV	27 14 29 39.1-68	6.73N	72.93W	166-7	4.1,3.6		
ISCJB	Error ellipse: s-maj=15.0km s-min=6.5km az=88.2.							
IDC	Error ellipse: s-maj=29.7km s-min=7.5km az=132.0.							
ISC	VI	09 12 29 35.5--58	6.89N-06	73.01W-08	169-5	3.8b	26	1-150
ISCJB	VI	09 12 29 34.3--58	6.87N-06	72.99W-07	176-5	3.8b		¶9221677
FUNV	VI	09 12 29 34.1	6.70N	73.19W	165	3.7W		
NEIC	VI	09 12 29 35.2--75	6.69N	72.92W	173-8	3.7b		
IDC	VI	09 12 29 35.1--69	6.72N	72.89W	170-7	4.1,3.7		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=14.2km s-min=6.6km az=77.7.							
NEIC	Event type se. Error ellipse: s-maj=25.4km s-min=12.0km az=129.0.							
IDC	Error ellipse: s-maj=26.1km s-min=7.8km az=132.0.							
ISC	VI	13 05 16 17.5--64	6.75N-07	73.05W-07	165-7	3.6b	19	2-149
ISCJB	VI	13 05 16 16.6--74	6.74N-07	73.00W-08	178-7	3.6b		¶9221907
IDC	VI	13 05 16 17.5--1.1	6.80N	72.97W	168-10	3.9,3.5		
NEIC	VI	13 05 16 18.0--66	6.76N	73.01W	175-7	3.8b,3.5		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=13.9km s-min=10.4km az=72.2.							
IDC	Error ellipse: s-maj=15.0km s-min=12.8km az=131.0.							
NEIC	Event type se. Error ellipse: s-maj=9.9km s-min=9.0km az=73.0.							
ISC	VI	01 22 19 48.8--65	6.87N-07	73.02W-07	150	3.5b	19	1-150
FUNV	VI	01 22 19 47.9	6.82N	73.19W	165	3.8W		¶9599679
IDC	VI	01 22 19 47.6--76	6.76N	72.98W	158-12	4.2,3.8		
ISCJB	VI	01 22 19 48.0--67	6.87N-07	73.01W-07	150	3.5b,3.8		
ISC	VI	02 11 36 31.5--79	6.68N-07	72.83W-07	172-11	3.0b	21	1-151
FUNV	VI	02 11 36 28.1	6.51N	73.07W	8	3.2W		¶9599706
ISCJB	VI	02 11 36 30.4-79	6.68N-07	72.84W-07	179-11	3.0b		
IDC	VI	02 11 36 30.9-1.1	6.98N	73.19W	150-18	3.8,3.4		
ISCJB	Error ellipse: s-maj=15.2km s-min=6.9km az=94.1.							
IDC	Error ellipse: s-maj=58.2km s-min=7.6km az=132.0.							
ISC	VI	13 15 55 36.0--71	6.82N-09	73.0W-10	161-10	4.0b	17	2-149
ISCJB	VI	13 15 55 34.8--72	6.79N-09	73.0W-10	171-9	4.0b		¶9221920
IDC	VI	13 15 55 35.3-74	6.81N	73.03W	158-14	4.2,3.8b		
NEIC	VI	13 15 55 35.8--68	6.78N	73.03W	162-8	3.8b,3.8b		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=20.5km s-min=10.0km az=82.8.							
IDC	Error ellipse: s-maj=43.8km s-min=7.8km az=132.0.							
NEIC	Event type se. Error ellipse: s-maj=13.2km s-min=9.8km az=121.0.							
ISC	VI	27 15 56 22.9--68	6.79N-06	73.06W-07	159-6	4.0b	22	0-47
ISCJB	VI	27 15 56 22.0--64	6.76N-06	73.02W-07	161-5	4.0b		¶9222720
NEIC	VI	27 15 56 22.6--64	6.81N	73.05W	163-8	4.3		
IDC	VI	27 15 56 23.1-2.8	6.75N	72.93W	162-19	4.3,3.9		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=12.5km s-min=6.7km az=72.4.							
NEIC	Event type se. Error ellipse: s-maj=16.9km s-min=9.1km az=133.0.							
IDC	Error ellipse: s-maj=93.7km s-min=7.8km az=131.0.							
ISC	VI	15 23 28 13.6--41	6.81N-04	72.93W-05	169-4	4.0b	45	1-150
FUNV	VI	15 23 28 11.6	6.60N	73.16W	165	3.8W		¶9222044
ISCJB	VI	15 23 28 12.7--44	6.78N-05	72.88W-05	179-4	4.0b		
NEIC	VI	15 23 28 13.9--71	6.74N	72.85W	176-7	3.9b		
IDC	VI	15 23 28 13.2-2.0	6.72N	72.78W	168-20	4.4,4.0		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=10.1km s-min=5.7km az=72.1.							
NEIC	Event type se. Error ellipse: s-maj=11.9km s-min=8.3km az=102.0.							
IDC	Error ellipse: s-maj=24.0km s-min=15.4km az=74.0.							
ISC	VI	02 16 53 09.4--39	6.86N-04	73.00W-05	159-4	4.2b	61	1-150
FUNV	VI	02 16 53 07.8	6.73N	73.23W	166	4.2W		¶9221334
ISCJB	VI	02 16 53 08.2--39	6.86N-04	73.01W-05	165-4	4.2b		
NEIC	VI	02 16 53 08.8--50	6.76N	72.99W	161-5	4.4b		
IDC	VI	02 16 53 08.4-64	6.79N	72.99W	155-7	4.4,4.1		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=9.1km s-min=5.2km az=70.1.							
NEIC	Event type se. Error ellipse: s-maj=7.8km s-min=6.0km az=116.0.							
IDC	Error ellipse: s-maj=18.6km s-min=7.2km az=127.0.							
ISC	VI	03 23 03 46.7--61	6.82N-07	73.06W-08	170-8	3.8b	16	2-150
ISCJB	VI	03 23 03 45.6--61	6.80N-07	73.04W-08	178-8	3.8b		¶9221411
NEIC	VI	03 23 03 46.5--72	6.80N	73.07W	167-8	4.0b		
IDC	VI	03 23 03 46.1-68	6.77N	72.97W	163-8	4.0,3.8s		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=15.2km s-min=8.8km az=84.0.							
NEIC	Event type se. Error ellipse: s-maj=11.7km s-min=10.7km az=115.0.							
IDC	Error ellipse: s-maj=22.8km s-min=7.6km az=129.0.							
ISC	III	12 03 40 39.5--67	6.80N-09	72.98W-10	169-7	3.5b	15	2-150
ISCJB	III	12 03 40 38.2--67	6.75N-09	72.93W-10	178-7	3.5b		¶10602284
IDC	III	12 03 40 38.8--67	6.73N	72.92W	167-7	3.8,3.5		
NEIC	III	12 03 40 39.4-68	6.77N	72.98W	171-7	3.8b,3.5		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=19.6km s-min=9.5km az=80.1.							
IDC	Error ellipse: s-maj=21.0km s-min=7.7km az=132.0.							
NEIC	Event type se. Error ellipse: s-maj=13.7km s-min=10.4km az=104.0.							
ISC	III	16 22 49 11.9--51	6.74N-04	72.95W-06	164-5	4.0b	46	2-150

ISCJB	III	16 22 49 10.8--52	6.71N-04	72.94W-06	172-5	4.0b		¶10605033
NEIC	III	16 22 49 11.8--69	6.74N	72.94W	165-7	4.1b		
B.J.	III	16 22 49 11.8	6.70N	72.90W	165-7	5.0b		
IDC	III	16 22 49 11.0--64	6.76N	73.00W	159-6	4.2,3.9		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=9.8km s-min=6.7km az=33.8.							
NEIC	Event type se. Error ellipse: s-maj=9.2km s-min=7.1km az=91.0.							
IDC	Error ellipse: s-maj=11.2km s-min=7.2km az=124.0.							
ISC	III	05 11 19 19.1-1.9	7.43N-09	75.2W-10	80-18	3.3b	11	3-149
ISCJB	III	05 11 19 18.4-2.0	7.42N-09	75.2W-10	91-18	3.3b		¶10597824
IDC	III	05 11 19 18.6-2.8	7.38N	75.19W	75-26	3.7,3.5		
ISCJB	Error ellipse: s-maj=23.0km s-min=12.6km az=42.0.							
IDC	Error ellipse: s-maj=23.8km s-min=13.6km az=97.0.							
ISC	III	05 16 03 38.6--78	7.55N-07	73.09W-09	148-11	3.5b	17	1-151
FUNV	III	05 16 03 36.9	7.34N	73.26W	146	3.7W		¶10597936
ISCJB	III	05 16 03 37.5--76	7.56N-07	73.09W-09	155-11	3.5b		
IDC	III	05 16 03 38.3-7.9	7.36N	76.06W	93-87	3.7,3.6		
ISCJB	Error ellipse: s-maj=17.2km s-min=7.1km az=65.8.							
IDC	Error ellipse: s-maj=164.7km s-min=35.9km az=77.0.							
ISC	III	25 08 31 26.7--67	6.80N-08	73.0W-10	161-7	3.6b	12	2-150
ISCJB	III	25 08 31 25.6--68	6.80N-08	73.0W-10	167-7	3.6b		¶10610169
IDC	III	25 08 31 26.1-68	6.75N	72.93W	158-6	3.9,3.6		
ISCJB	Error ellipse: s-maj=19.9km s-min=9.0km az=71.8.							
IDC	Error ellipse: s-maj=17.0km s-min=7.5km az=127.0.							
ISC	III	25 18 46 23.5--85	6.86N-08	73.0W-10	167-9	3.0b	14	1-150
FUNV	III	25 18 46 21.4	6.64N	73.21W	170	3.5W		¶10610538
ISCJB	III	25 18 46 22.4--83	6.87N-08	73.1W-10	172-9	3.0b		
IDC	III	25 18 46 26.3-6.8	6.71N	75.63W	138-85	3.3,3.2		
ISCJB	Error ellipse: s-maj=21.9km s-min=7.6km az=68.8.							
IDC	Error ellipse: s-maj=205.4km s-min=37.5km az=81.0.							
ISC	VI	10 15 32 27.6--41	6.79N-04	72.98W-05	166-5	3.9b	37	1-150
ISCJB	VI	10 15 32 26.4--42	6.78N-05	72.96W-05	174-5	3.9b		¶9221736
FUNV	VI	10 15 32 26.0	6.63N	73.19W	168	3.7W		
NEIC	VI	10 15 32 27.8--63	6.70N	73.03W	169-8	3.9b		
IDC	VI	10 15 32 27.6-67	6.82N	73.03W	157-11	4.2,3.9		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=10.6km s-min=4.8km az=84.5.							
NEIC	Event type se. Error ellipse: s-maj=12.2km s-min=9.0km az=138.0.							
IDC	Error ellipse: s-maj=33.7km s-min=7.3km az=131.0.							
FUNV	VI	10 20 04 22.9	6.70N	73.18W	167	3.5W		¶9873260
IDC	VI	13 13 19 55.1--78	6.79N	73.04W	154-11	4.0,3.7		¶9600003
IDC	Error ellipse: s-maj=46.4km s-min=7.8km az=132.0.							
ISC	VI	15 07 41 11.6--83	6.87N-06	73.05W-07	162-9	3.6b	17	1-150
ISCJB	VI	15 07 41 10.5--83	6.88N-06	73.04W-07	168-9	3.6b		¶9600040
FUNV	VI	15 07 41 10.7	6.74N	73.22W	163	3.5W		
IDC	VI	15 07 41 10.8--85	6.91N	73.15W	150-18	3.9,3.7		

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=24.9km s-min=16.9km az=148.7.
 IDC Error ellipse: s-maj=28.8km s-min=21.9km az=22.0.
 NEIC Event type se. Error ellipse: s-maj=28.6km s-min=18.4km az=89.0.
ISC I 27 00 44 37.8-69 6.95N-08 73.02W-09 159-8 3.0b 22 1-150
ISCJB I 27 00 44 36.7-69 6.96N-08 73.03W-09 165-8 3.0b
IDC I 27 00 44 37.0-85 6.73N 72.92W 166-12 3.4,3.2
FUNV I 27 00 44 38.9 6.92N 73.00W 168 3.7W,3.2
 ISCJB Error ellipse: s-maj=17.8km s-min=7.1km az=79.0.
 IDC Error ellipse: s-maj=42.7km s-min=7.6km az=132.0.
ISC I 10 03 14 42.5-19 6.72N-03 72.89W-02 165 4.8b 307 1-150
ISCJB I 10 03 14 40.7-19 6.72N-03 72.93W-02 163 4.8b
MOS I 10 03 14 40.1-88 6.80N 73.01W 150 5.3b
FUNV I 10 03 14 40.4 6.78N 73.13W 181 5.4W
IDC I 10 03 14 41.8-41 6.77N 72.96W 159-3 4.8,4.6
NEIC I 10 03 14 41.9-17 6.68N 72.91W 163 5.0b,4.6
BJI I 10 03 14 41.8 6.70N 72.90W 163 5.3b,4.6
HRVD I 10 03 14 41.9-50 6.89N 73.20W 172-5 5.0W,4.6
SZGRF I 10 03 14 45.8 6.63N 72.78W 187 4.8b,4.6

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=3.8km s-min=3.4km az=142.6.
 MOS Error ellipse: s-maj=10.6km s-min=6.7km az=93.7.
 IDC Error ellipse: s-maj=8.2km s-min=6.4km az=110.0.
 NEIC Event type fe. Error ellipse: s-maj=4.3km s-min=3.5km az=33.0. Felt [II] at Bogota. Also felt at Bucaramanga and Medellin.
 HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid-Moment Tensor Solution. LP body waves: s13,c13; Mantle waves: s64,c95;Half duration: 0 Moment tensor: Scale 1016 Nm; Mrr:2.07e-22 Mww:1.67e-22; Mxx:3.73e-25; Mzz:2.25e-14; Mxy:0.19e-22; Myz:1.50e-19; Best double couple: NP1:0.32,0.0000°,δ43,0.0000°,λ151,0.0000°; NP2:0.144,0.0000°; N:0.0480,Plg37.0000°; Principal axes: T 4.2530,Plg49.0000°; Azm11.0000°; P -4.1950,Plg16.0000°; Azm262.0000°; Mx4.22400x10¹⁶

SZGRF Northern Colombia.
IDC V 19 21 16 13.9-1.9 6.06N 73.17W 142-13 4.1,3.7b **19599187**
 IDC Error ellipse: s-maj=349.6km s-min=8.7km az=133.0.
IDC VI 28 06 58 49.1-71 6.64N 72.92W 163-8 3.8,3.4 **19600538**
 IDC Error ellipse: s-maj=38.1km s-min=7.6km az=132.0.
ISC VI 02 09 29 51.9-51 6.83N-06 73.05W-06 162-6 3.8b 29 1-150
ISCJB VI 02 09 29 50.8-51 6.83N-06 73.05W-06 168-6 3.8b
FUNV VI 02 09 29 51.3 6.78N 73.24W 167 3.8W
IDC VI 02 09 29 51.1-70 6.75N 73.02W 157-11 4.0,3.7
NEIC VI 02 09 29 51.9-55 6.72N 72.99W 169-8 4.0b,3.7
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.2km s-min=6.3km az=87.9.
 IDC Error ellipse: s-maj=33.9km s-min=7.7km az=132.0.
 NEIC Event type se. Error ellipse: s-maj=18.2km s-min=7.7km az=133.0.
ISC IV 07 09 07 01.3-75 9.21N-04 73.39W-06 119-10 3.8b 31 2-151
IDC IV 07 09 06 38.8-2.4 9.08N 70.36W 0 4.0,3.8b
FUNV IV 07 09 06 58.8 9.18N 73.47W 2 3.7W,3.8b
ISCJB IV 07 09 07 00.1-74 9.21N-04 73.37W-06 128-9 3.8b,3.8b

(100) Lake Maracaibo.
ISC I 03 22 15 07.3-88 9.91N-03 71.98W-03 27-7 4.7s,4.2b 86 1-153
NEIC I 03 22 15 06.0 9.89N 71.92W 6 5.0W,3.9s
BJI I 03 22 15 06.0 9.90N 71.90W 9 5.3s,5.0s
FUNV I 03 22 15 06.0 9.87N 71.96W 6 5.0W,5.0s
ISCJB I 03 22 15 07.0-44 9.90N-03 72.01W-03 44-5 4.7s,4.2b
IDC I 03 22 15 09.8-1.6 9.81N 71.92W 57-17 4.2,4.1
 ISC Event type fe.
 NEIC Event type fe. Felt [III] at Maracaibo. After CAR.
 ISCJB Event type fe. Error ellipse: s-maj=5.2km s-min=4.3km az=113.7.
 IDC Error ellipse: s-maj=20.7km s-min=12.0km az=33.0.

(101) Venezuela.
ISC IV 10 04 06 09.1-40 7.45N-03 71.49W-02 42-3 4.8b,4.2s 356 1-152
MOS IV 10 04 06 06.5-81 7.57N 71.49W 33 5.0b,3.9s
ISCJB IV 10 04 06 06.8-47 7.48N-03 71.49W-02 38-3 4.8b,4.2s
BJI IV 10 04 06 07.2 7.40N 71.60W 13 5.4b,4.9s
FUNV IV 10 04 06 07.2 7.38N 71.63W 13 4.8W,4.9s
NEIC IV 10 04 06 07.2 7.38N 71.63W 13 4.9b,3.9s
IDC IV 10 04 06 08.6-72 7.36N 71.70W 44-6 4.5,4.4
SZGRF IV 10 04 06 09.6 8.24N 71.72W 33 4.7b,4.4
 ISC Event type fe.
 MOS Error ellipse: s-maj=7.0km s-min=5.6km az=106.6.
 ISCJB Event type fe. Error ellipse: s-maj=4.6km s-min=3.0km az=29.3.
 NEIC Event type fe. Felt at Merida. After CAR.
 IDC Error ellipse: s-maj=11.0km s-min=7.1km az=126.0.
 SZGRF Venezuela.

ISC IV 14 23 16 24.8-43 10.36N-02 69.87W-02 13-3 4.1s,3.7b 46 0-154
IDC IV 14 23 16 22.0-90 10.42N 69.85W 0 6.1L,4.0
ISCJB IV 14 23 16 24.6-1.4 10.37N-03 69.88W-03 15-9 4.1s,3.7b
NEIC IV 14 23 16 24.8 10.33N 69.88W 4 4.6W,4.1b
FUNV IV 14 23 16 24.8 10.33N 69.88W 4 4.6W,4.1b
BJI IV 14 23 16 24.8 10.30N 69.90W 4 5.5b,5.2s
 ISC Event type se.
 IDC Error ellipse: s-maj=31.6km s-min=12.3km az=108.0.
 ISCJB Event type se. Error ellipse: s-maj=4.6km s-min=4.2km az=93.1.
 NEIC Event type se. After CAR.
FUNV IV 18 23 18 58.3 9.13N 70.35W 0 3.7W **19872141**
FUNV II 18 13 39 19.5 9.07N 70.20W 0 3.7W **198581623**
FUNV IV 14 23 24 09.3 10.38N 69.80W 9 3.6W
FUNV IV 20 06 37 36.5 9.77N 69.86W 0 3.5W **19872061**
FUNV III 08 22 13 35.3 9.13N 70.11W 0 3.6W **19872179**
FUNV III 29 21 42 31.4 9.15N 70.09W 0 3.8W **110599906**
ISC III 21 18 34 23.6-52 10.06N-02 69.74W-02 6-4 3.6b 42 0-155
IDC III 21 18 34 21.3-96 10.16N 69.80W 0 3.9,3.6b
ISCJB III 21 18 34 22.9-54 10.05N-02 69.73W-02 5-4 3.6b,3.6b
NEIC III 21 18 34 23.7 10.06N 69.74W 0 4.1,3.6b
FUNV III 21 18 34 23.6 10.06N 69.74W 0 4.1W,3.6b

ISC Event type se.
 IDC Error ellipse: s-maj=37.2km s-min=13.2km az=121.0.
 ISCJB Event type se. Error ellipse: s-maj=4.0km s-min=3.6km az=135.6.
 NEIC Event type se. After CAR.
 FUNV Moment Tensor Solution. NP1:0.350,59000°,δ86,60000°,λ19.72000°.
FUNV III 13 02 47 48.7 9.86N 72.81W 0 3.7W **110602792**
ISC III 02 00 48 06.8-37 10.42N-03 72.07W-04 159-3 3.8b 60 0-153
ISCJB III 02 00 48 05.6-38 10.41N-04 72.08W-04 165-3 3.8b
IDC III 02 00 48 06.2-59 10.43N 72.04W 159-5 4.2,3.8
NEIC III 02 00 48 07.4 10.42N 72.15W 162 4.3b,4.2W
FUNV III 02 00 48 07.4 10.42N 72.15W 162 4.2W,4.2W
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=6.8km s-min=5.8km az=15.6.
 IDC Error ellipse: s-maj=15.3km s-min=9.8km az=56.0.
 NEIC Event type se. After CAR.
FUNV V 12 11 19 36.8 9.60N 70.83W 32 3.6W **19872619**
FUNV V 14 11 45 23.7 8.89N 71.23W 4 3.4W **19872661**
FUNV I 12 09 47 22.7 8.56N 70.79W 1 3.5W **198580896**
FUNV I 23 02 29 50.2 9.16N 70.07W 7 3.6W

ISC I 23 23 46 14.2-28 9.09N-02 70.05W-02 10 4.7s,4.5b 96 1-154
BJI I 23 23 46 12.6 9.10N 70.00W 0 5.6b,5.5s
ISCJB I 23 23 46 12.5-28 9.08N-02 70.03W-02 10 4.7s,4.5b
IDC I 23 23 46 12.0-51 9.03N 70.01W 0 4.5,4.4
NEIC I 23 23 46 12.6 9.09N 70.04W 0 4.8W,4.7b
FUNV I 23 23 46 12.6 9.09N 70.04W 0 4.8W,4.7b
MOS I 23 23 46 15.5-1.4 9.04N 70.02W 33 4.9b,4.7b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=4.0km s-min=2.8km az=85.2.
 IDC Error ellipse: s-maj=12.6km s-min=7.6km az=164.0.
 NEIC Event type se. After CAR.
 MOS Error ellipse: s-maj=14.5km s-min=9.3km az=122.0.
FUNV VI 30 00 33 39.7 8.09N 64.24W 0 3.6W **19873659**
FUNV VI 28 14 45 58.9 7.97N 64.21W 19 4.6W **19873620**
FUNV VI 11 18 07 29.6 10.22N 69.54W 0 4.4W **19873282**

(731) North of Honduras.
ISC VI 01 05 29 09.5-1.2 18.94N-07 81.19W-07 10 23 3-6
ISCJB VI 01 05 29 08.7-1.2 18.97N-06 81.13W-07 10
JSN VI 01 05 29 08.3-1.1 19.35N 81.13W 0-999 4.5
SSNC VI 01 05 29 13.9 19.20N 81.33W 15 4.1,3.9L
 ISCJB Error ellipse: s-maj=11.5km s-min=6.4km az=89.4.
 JSN Error ellipse: s-maj=841.7km s-min=999.9km az=-1.0.
ISC IV 20 03 47 02.1-1.1 17.41N-07 86.25W-09 41 26 4-8
ISCJB IV 20 03 46 59.7-1.1 17.41N-07 86.26W-09 41
CASC IV 20 03 47 00.9-3.2 17.43N 86.94W 41-999 4.3
ISCJB Error ellipse: s-maj=13.0km s-min=8.0km az=62.1.
CASC Error ellipse: s-maj=139.0km s-min=101.5km az=-1.0.
CASC V 05 05 43 55.4-3.6 16.19N 86.78W 0-72 4.1 **19920246**
 CASC Error ellipse: s-maj=153.7km s-min=62.0km az=-1.0.

SEISMIC REGION 8
 Andean South America.

(102) Near west coast of Colombia.
ISC IV 15 10 07 46.8-1.7 4.51N-09 77.5W-10 56-18 3.6b,2.9s 12 3-145
ISCJB IV 15 10 07 44.4-1.9 4.52N-09 77.4W-10 53-20 3.6b,2.9s
NEIC IV 15 10 07 46.4-1.6 4.46N 77.5W 52-16 3.7b,2.9s
IDC IV 15 10 07 50.4-5.3 4.55N 77.23W 90-52 3.8,3.6
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=22.5km s-min=11.7km az=66.2.
 NEIC Event type se. Error ellipse: s-maj=20.9km s-min=12.9km az=104.0.
 IDC Error ellipse: s-maj=50.5km s-min=18.1km az=75.0.
ISC VI 09 17 50 17.5-74 6.79N-05 77.65W-05 45-7 4.3b,4.0s 45 3-148
CASC VI 09 17 50 14.1-2.1 6.90N 77.54W 46-7 4.6b,4.5W
ISCJB VI 09 17 50 15.5-83 6.78N-05 77.63W-05 46-8 4.3b,4.0s
BJI VI 09 17 50 17.1 6.80N 77.70W 46 5.1b,5.0s
NEIC VI 09 17 50 17.1-1.1 6.75N 77.66W 46-10 4.6b,5.0s
IDC VI 09 17 50 17.4-2.1 6.73N 77.65W 45-20 4.2,4.1

ISC Event type se.
 CASC Error ellipse: s-maj=5.7km s-min=6.7km az=-1.0.
 ISCJB Event type se. Error ellipse: s-maj=8.6km s-min=7.8km az=22.8.
 NEIC Event type se. Error ellipse: s-maj=11.4km s-min=8.8km az=70.0.
 IDC Error ellipse: s-maj=21.0km s-min=14.5km az=61.0.
ISC VI 07 23 34 42.3-94 5.74N-07 77.57W-07 48-11 3.9b,3.1s 20 3-145
IDC VI 07 23 34 34.9-1.2 5.73N 77.67W 0 4.1,4.0L
ISCJB VI 07 23 34 39.0-1.3 5.74N-08 77.52W-07 35-14 3.9b,3.1s
NEIC VI 07 23 34 42.3-95 5.73N 77.58W 52-10 3.9b,3.1s
 ISC Event type se.
 IDC Error ellipse: s-maj=33.0km s-min=23.1km az=72.0.
 ISCJB Event type se. Error ellipse: s-maj=13.4km s-min=10.2km az=114.1.
 NEIC Event type se. Error ellipse: s-maj=11.5km s-min=10.3km az=201.0.
ISC VI 18 14 07 30.5-61 6.94N-05 77.60W-04 36-19 3.9b 23 3-146
IDC VI 18 14 07 26.5-1.1 6.62N 77.54W 0 4.2,4.1b
ISCJB VI 18 14 07 28.5-73 6.92N-05 77.58W-04 46-19 3.9b,4.1b
CASC VI 18 14 07 28.8-1.2 6.88N 77.58W 44-27 3.9,3.8b
NEIC VI 18 14 07 32.6-1.3 6.65N 77.71W 40-14 3.8b,3.8b

ISC Event type se.
 IDC Error ellipse: s-maj=32.0km s-min=26.9km az=20.0.
 ISCJB Event type se. Error ellipse: s-maj=8.9km s-min=6.3km az=20.0.
 CASC Error ellipse: s-maj=7.3km s-min=3.9km az=-1.0.
 NEIC Event type se. Error ellipse: s-maj=21.2km s-min=11.3km az=224.0.
ISC II 03 01 18 43.6-2.7 6.81N-06 77.86W-05 32-20 4.0b 31 4-146
IDC II 03 01 18 38.3-6.6 6.76N 77.84W 0 5.2L,4.2
ISCJB II 03 01 18 40.2-2.7 6.81N-06 77.83W-05 23-21 4.0b,4.2
NEIC II 03 01 18 43.0-2.4 6.79N 77.85W 30-18 4.2b,4.2
 ISC Event type se.
 IDC Error ellipse: s-maj=22.8km s-min=15.5km az=68.0.
 ISCJB Event type se. Error ellipse: s-maj=10.8km s-min=8.9km az=20.5.
 NEIC Event type se. Error ellipse: s-maj=9.7km s-min=7.8km az=224.0.
ISC II 16 23 57 43.5-91 6.83N-06 77.79W-06 56-10 3.9b 23 4-146
IDC II 16 23 57 35.7-7.6 6.83N 77.84W 0 4.1,4.1L
ISCJB II 16 23 57 41.1-1.1 6.81N-06 77.76W-06 50-12 3.9b,4.1L
NEIC II 16 23 57 43.4-1.1 6.81N 77.78W 57-16 4.1b,4.1L
 ISC Event type se.
 IDC Error ellipse: s-maj=26.5km s-min=19.7km az=70.0.
 ISCJB Event type se. Error ellipse: s-maj=11.0km s-min=8.2km az=72.1.
 NEIC Event type se. Error ellipse: s-maj=14.7km s-min=11.9km az=162.0.
IDC IV 14 08 42 18.5-7.5 5.26N 77.68W 44-82 3.2,3.2 **19594892**

ISC Event type se.
 IDC Error ellipse: s-maj=78.9km s-min=48.6km az=112.0.
ISC V 31 06 31 16.1-4.1 6.85N-09 77.79W-10 32-32 3.4b 10 4-146
IDC V 31 06 31 08.6-1.6 7.09N 77.96W 0 3.5,3.4b
ISCJB V 31 06 31 13.7-1.4 6.86N-09 77.78W-09 33 3.4b,3.4b
NEIC V 31 06 31 14.1-2.5 6.99N 77.93W 37-20 3.6b,3.4b
 ISC Event type se.
 IDC Error ellipse: s-maj=48.8km s-min=34.5km az=38.0.
 ISCJB Event type se. Error ellipse: s-maj=16.4km s-min=8.3km az=86.7.
 NEIC Event type se. Error ellipse: s-maj=28.6km s-min=17.8km az=130.0.
ISC I 08 20 49 09.6-1.7 4.5N-10 77.8W-20 53-14 3.9b,3.4s 14 3-145
ISCJB I 08 20 49 07.0-2.0 4.5N-10 77.7W-20 46-17 3.9b,3.4s
NEIC I 08 20 49 10.4-2.0 4.48N 77.64W 58-14 4.0b,3.4s
IDC I 08 20 49 13.3-5.1 4.59N 77.47W 82-42 3.7,3.5

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=30.2km s-min=12.5km az=49.0.
 NEIC Event type se. Error ellipse: s-maj=33.2km s-min=13.7km az=130.0.
 IDC Error ellipse: s-maj=52.6km s-min=25.4km az=59.0.
ISC I 23 20 50 47.0-1.2 6.89N-02 77.78W-02 24 6.0b,5.9s 1010 2-170
CRAAG I 23 20 50 43.1 6.83N 77.76W 6 6.1b,5.9s
CSAA I 23 20 50 43.4-2.1 6.92N 77.81W 0-6 6.1b,5.7W
BGS I 23 20 50 43.4 6.97N 79.01W 33 6.1b,5.7W
ISCJB I 23 20 50 44.9-1.2 6.90N-02 77.81W-01 22 6.0b,5.9s
NEIC I 23 20 50 45.0-1.0 6.86N 77.79W 14 6.3,6.2W
BJI I 23 20 50 44.9 6.90N 77.80W 14 6.3b,6.1b
MOS I 23 20 50 44.2-94 6.89N 77.84W 17 6.1b,5.8s
HRVD I 23 20 50 45.0-1.0 6.97N 77.77W 15 6.2W,5.8s
IDC I 23 20 50 46.6-3.4 6.88N 77.82W 28-23 6.0,6.0s
IGIL I 23 20 50 46.7 6.84N 77.79W 26 5.7b,6.0s
SZGRF I 23 20 50 56.0 8.12N 76.55W 33 6.1b,5.9s
 ISC Event type fe.
 CASC Error ellipse: s-maj=6.9km s-min=4.7km az=-1.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.0km s-min=1.8km az=49.7.

NEIC Event type fe. Error ellipse: s-maj=2.9km s-min=2.0km az=31.0. Felt in Choco and by people in high-rise buildings at Bogota, Cali and Medellin. Felt at El Real and in other parts of Darien, Panama. Also felt by people in high-rise buildings at Panama City, Panama. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: $\phi=175.00000^\circ$; $\delta 79.00000^\circ$; $\lambda 90.00000^\circ$; NP2: $\phi=355.00000^\circ$; $\delta 11.00000^\circ$; $\lambda 90.00000^\circ$. Principal axes: T P1g56.0000°; Azm85.0000°; N P1g0.0000°; Azm0.0000°; P P1g34.0000°; Azm265.0000°; Moment Tensor Solution. s54 Moment tensor: Scale 1018Nm; Mr:0.45 Mw:0.01 M₀:0.46 M₁:0.50 M₂:0.18 Mr-2.53 Best double couple: NP1: $\phi=330.00000^\circ$; $\delta 6.00000^\circ$; $\lambda 72.00000^\circ$; NP2: $\phi=169.00000^\circ$; $\delta 85.00000^\circ$; $\lambda 92.00000^\circ$. Principal axes: T 2.5900; P1g50.0000°; Azm81.0000°; N 0.0700; P1g2.0000°; Azm349.0000°; P -2.5600; P1g40.0000°; Azm257.0000°; M₂:6.0000x10¹⁸ Moment Tensor Solution. M₂:5.0000x10¹⁸

MOS Error ellipse: s-maj=6.9km s-min=4.5km az=103.9.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s84,c198; Mantle waves: s86,c299; Half duration: 3s0 Moment tensor: Scale 1018Nm; Mr:0.97±0.1 M₀:0.04±0.1; M₁:0.93±0.1; M₂:0.20±0.3; M₃:0.50±0.1; Mr-2.50±0.03; Best double couple: NP1: $\phi=316.00000^\circ$; $\delta 14.00000^\circ$; $\lambda 53.00000^\circ$; NP2: $\phi=174.00000^\circ$; $\delta 79.00000^\circ$; $\lambda 98.00000^\circ$. Principal axes: T 2.7030; P1g55.0000°; Azm94.0000°; N 0.0500; P1g8.0000°; Azm352.0000°; P -2.7530; P1g34.0000°; Azm257.0000°; M₂:7.2800x10¹⁸

IDC Error ellipse: s-maj=16.4km s-min=9.8km az=49.0.

SZGRF Near north coast of Colombia.

ISC I 24 02 15 45.0-17 6.90N-03 77.69W-02 23 5.2b,4.8s 417 2-155

CRAAG I 24 02 15 40.0 6.94N 77.70W 5.4b,4.8s 18079176

ISCJB I 24 02 15 42.9-18 6.92N-03 77.70W-02 22 5.2b,4.8s

MOS I 24 02 15 44.2-71 6.86N 77.92W 33 5.4b,4.8s

BJI I 24 02 15 44.8 6.90N 77.70W 24 5.7b,5.3s

NEIC I 24 02 15 44.8-18 6.91N 77.65W 24 5.3b,4.7s

HRVD I 24 02 15 44.8-20 6.96N 77.73W 24-0 5.4W,4.7s

CASC I 24 02 15 44.1-2.9 6.96N 77.78W 20-36 5.3b,5.0W

IDC I 24 02 15 46.0-2.3 6.86N 77.74W 40-21 4.9,4.8

ORF I 24 02 15 53.0 8.21N 77.35W 30 5.5b,4.8

SZGRF I 24 02 15 55.1 7.90N 76.05W 33 5.3b,4.8s

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=4.4km s-min=2.8km az=51.5.

MOS Error ellipse: s-maj=11.1km s-min=7.4km az=81.4.

NEIC Event type se. Error ellipse: s-maj=5.0km s-min=3.0km az=24.0.

HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s82,c102; Mantle waves: s70,c118; Half duration: 1s2 Moment tensor: Scale 1017Nm; Mr:0.83±0.03 M₀:0.07±0.02; M₁:0.76±0.03; M₂:0.04±0.04; M₃:0.59±0.02; Mr-0.90±0.05; Best double couple: NP1: $\phi=307.00000^\circ$; $\delta 29.00000^\circ$; $\lambda 50.00000^\circ$; NP2: $\phi=170.00000^\circ$; $\delta 86.00000^\circ$; $\lambda 110.00000^\circ$. Principal axes: T 1.2730; P1g62.0000°; Azm111.0000°; N 0.1330; P1g18.0000°; Azm343.0000°; P -1.4060; P1g21.0000°; Azm246.0000°; M₁:3.3900x10¹⁷

CASC Error ellipse: s-maj=10.1km s-min=9.6km az=1.0.

IDC Error ellipse: s-maj=17.9km s-min=10.6km az=56.0.

SZGRF Northern Colombia.

ISC I 29 17 49 14.9-20 6.78N-03 77.74W-03 18 5.1b,4.5s 353 2-151

MOS I 29 17 49 12.7-20 6.77N-03 77.77W-02 17 5.1b,4.5s 18079542

ISCJB I 29 17 49 12.3-1.0 6.94N 77.72W 10 5.3b,4.5s

CASC I 29 17 49 12.5-1.8 6.86N 77.79W 0-6 5.3b,5.0W

NEIC I 29 17 49 14.2-17 6.75N 77.70W 18 5.3b,4.4s

HRVD I 29 17 49 14.2-20 6.88N 77.82W 27-1 5.2W,4.4s

BJI I 29 17 49 14.1 6.70N 77.70W 17 5.5b,5.3s

IDC I 29 17 49 15.6-3.8 6.79N 77.74W 28-26 5.1L,4.7

SZGRF I 29 17 49 19.3 7.31N 77.03W 20 5.1b,4.6s

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=5.0km s-min=3.0km az=48.1.

MOS Error ellipse: s-maj=8.7km s-min=6.1km az=96.4.

CASC Error ellipse: s-maj=7.9km s-min=5.4km az=1.0.

NEIC Event type se. Error ellipse: s-maj=4.8km s-min=3.2km az=30.0.

HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s50,c74; Mantle waves: s70,c104; Half duration: 1s0 Moment tensor: Scale 1016Nm; Mr:4.75±2.2 M₀:0.65±0.15; M₁:4.10±1.8; M₂:0.94±2.9; M₃:2.76±1.2; Mr-6.17±4.2; Best double couple: NP1: $\phi=313.00000^\circ$; $\delta 23.00000^\circ$; $\lambda 58.00000^\circ$; NP2: $\phi=167.00000^\circ$; $\delta 71.00000^\circ$; $\lambda 103.00000^\circ$. Principal axes: T 7.9400; P1g62.0000°; Azm96.0000°; N 0.4130; P1g12.0000°; Azm343.0000°; P -8.3510; P1g25.0000°; Azm247.0000°; M₀:8.14500x10¹⁶

IDC Error ellipse: s-maj=18.1km s-min=10.5km az=59.0.

SZGRF Panama-Colombia border region.

(103) Colombia.

IDC IV 25 02 58 17.0-3.5 5.33N 76.16W 128-33 3.6,3.3 19597943

IDC Error ellipse: s-maj=42.4km s-min=21.9km az=88.0.

ISC IV 01 19 13 51.3-1.4 4.6N-10 73.7W-10 51-18 3.3b 7 1-149

ISCJB IV 01 19 13 50.0-1.5 4.6N-10 73.6W-10 55-19 3.3b 19594041

IDC IV 01 19 13 50.4-1.4 4.56N 73.68W 45-15 3.5,3.5

ISCJB Error ellipse: s-maj=26.0km s-min=13.2km az=77.8.

IDC Error ellipse: s-maj=23.2km s-min=16.1km az=137.0.

ISC IV 17 16 23 31.2-1.4 5.04N-10 76.1W-10 142-11 3.9b 13 2-147

ISCJB IV 17 16 23 30.5-1.4 5.0N-10 76.1W-10 151-10 3.9b 19595088

NEIC IV 17 16 23 31.2-1.1 4.93N 76.04W 141-10 3.9b

IDC IV 17 16 23 32.9-2.2 5.03N 75.94W 151-17 4.1,3.7

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=24.6km s-min=12.1km az=64.1.

NEIC Event type se. Error ellipse: s-maj=19.4km s-min=11.9km az=114.0.

IDC Error ellipse: s-maj=30.5km s-min=16.4km az=96.0.

ISC IV 30 11 41 54.7-1.1 4.08N-07 76.49W-05 96-8 4.2b 82 2-146

ISCJB IV 30 11 41 53.0-1.2 4.08N-07 76.49W-05 97-9 4.2b 18321379

NEIC IV 30 11 41 54.2-78 4.02N 76.51W 97-6 4.3b

IDC IV 30 11 41 55.5-1.8 4.00N 76.48W 114-14 4.2,3.9

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=12.1km s-min=8.1km az=41.9.

NEIC Event type se. Error ellipse: s-maj=8.0km s-min=5.2km az=209.0.

IDC Error ellipse: s-maj=17.1km s-min=11.7km az=56.0.

IDC VI 24 16 01 06.7-1.1 5.19N 73.56W 153-7 4.3,3.6 19600391

IDC Error ellipse: s-maj=48.0km s-min=12.3km az=133.0.

ISC III 15 01 17 33.3-2.0 4.88N-08 75.33W-08 15-13 3.8b,3.4s 14 1-147

ISCJB III 15 01 17 33.4-69 4.89N-07 75.34W-08 33 3.8b,3.4s 10603921

IDC III 15 01 17 34.3-4.5 4.83N 75.30W 26-34 4.1,3.9L

NEIC III 15 01 17 35.2-99 4.80N 75.32W 36-11 3.8b,3.9L

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=12.6km s-min=8.6km az=79.5.

IDC Error ellipse: s-maj=47.6km s-min=32.9km az=152.0.

NEIC Event type se. Error ellipse: s-maj=11.1km s-min=9.6km az=119.0.

ISC III 09 15 59 36.6-1.2 1.44N-08 76.54W-09 62-14 3.8b 16 2-145

IDC III 09 15 59 30.7-1.0 1.64N 76.96W 0 3.9,3.8 10600386

ISCJB III 09 15 59 35.2-1.3 1.52N-08 76.56W-08 64-15 3.8b,3.8

NEIC III 09 15 59 36.3-1.1 1.54N 76.64W 49-12 3.7b,3.8

ISC Event type se.

IDC Error ellipse: s-maj=25.4km s-min=19.3km az=84.0.

ISCJB Event type se. Error ellipse: s-maj=15.7km s-min=11.2km az=92.8.

NEIC Event type se. Error ellipse: s-maj=14.6km s-min=11.3km az=94.0.

ISC VI 18 04 59 00.7-86 4.64N-04 73.03W-05 44-9 4.4b,3.9s 100 1-151

ISCJB VI 18 04 58 56.1-2.2 4.64N-04 73.02W-04 24-16 4.4b,3.9s 18495581

MOS VI 18 04 58 57.7-1.1 4.80N 72.86W 33 4.6b,3.9s

BJI VI 18 04 58 58.5 5.18N 72.44W 41 5.2b,4.9s

IDC VI 18 04 58 58.7-96 4.77N 73.35W 46-10 4.6L,4.2

NEIC VI 18 04 59 00.1-92 4.68N 72.96W 42-9 4.5b,4.2

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=7.1km s-min=6.1km az=159.8.

MOS Error ellipse: s-maj=17.6km s-min=8.1km az=119.9.

IDC Error ellipse: s-maj=11.2km s-min=9.0km az=160.0.

NEIC Event type se. Error ellipse: s-maj=8.6km s-min=5.6km az=66.0.

ISC II 13 14 26 15.6-1.5 2.90N-08 72.15W-10 51-20 3.3b 15 3-149

ISCJB II 13 14 26 14.5-1.9 2.96N-09 72.1W-10 60-24 3.3b 19570701

IDC II 13 14 26 15.9-2.3 2.96N 72.17W 54-24 3.6L,3.5

NEIC II 13 14 26 15.9-1.3 2.98N 72.08W 57-17 3.6L,3.5

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=17.5km s-min=14.0km az=32.8.

IDC Error ellipse: s-maj=19.9km s-min=16.4km az=50.0.

NEIC Event type se. Error ellipse: s-maj=23.6km s-min=13.3km az=69.0.

IDC II 21 18 49 49.4-4.7 5.76N 73.23W 26-31 3.6,3.6 19579200

IDC Error ellipse: s-maj=46.4km s-min=30.7km az=132.0.

IGQ II 26 15 09 55.8 1.07N 77.38W 15-5 4.2b,4.0s 19661972

IGQ Error ellipse: s-maj=5.5km s-min=4.1km az=26.7.

IDC V 06 23 29 58.4-1.3 5.58N 74.41W 91-20 3.5,3.4 19598582

IDC Error ellipse: s-maj=60.9km s-min=13.3km az=126.0.

ISC V 10 09 31 55.2-1.5 3.40N-09 74.2W-10 79-14 3.4b 10 1-148

ISCJB V 10 09 31 54.5-1.4 3.45N-09 74.1W-10 92-13 3.4b 19598725

IDC V 10 09 31 55.2-1.7 3.39N 74.12W 83-15 3.4,3.4

ISCJB Error ellipse: s-maj=18.9km s-min=15.4km az=6.3.

IDC Error ellipse: s-maj=23.7km s-min=15.6km az=61.0.

ISC I 21 21 10 45.3-98 3.70N-06 74.03W-08 58-8 4.1b,3.0s 29 1-148

NEIC I 21 21 10 40.0-54 3.71N 73.98W 14 4.7b,3.0s 19484628

ISCJB I 21 21 10 43.7-1.0 3.70N-06 74.00W-08 63-8 4.1b,3.0s

IDC I 21 21 10 44.2-1.6 3.65N 74.04W 52-13 4.3L,4.0

ISC Event type se.

NEIC Event type se. Error ellipse: s-maj=17.6km s-min=10.6km az=82.0.

ISCJB Event type se. Error ellipse: s-maj=13.0km s-min=9.4km az=18.1.

IDC Error ellipse: s-maj=20.1km s-min=11.6km az=63.0.

ISC V 28 15 47 10.6-2.3 4.8N-30 76.8W-20 89-41 3.4b 9 2-145

ISCJB V 28 15 47 08.6-2.9 4.8N-30 76.9W-20 83-46 3.4b 19132227

NEIC V 28 15 47 11.7-1.8 4.51N 76.55W 119-28 4.4b

IDC V 28 15 47 16.5-4.2 4.45N 76.10W 166-48 3.5,3.5

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=58.4km s-min=15.4km az=103.9.

NEIC Event type se. Error ellipse: s-maj=59.3km s-min=13.8km az=130.0.

IDC Error ellipse: s-maj=75.8km s-min=40.9km az=79.0.

ISC VI 25 11 13 02.8-2.4 3.8N-10 76.7W-20 86-22 3.4b 13 3-144

ISCJB VI 25 11 13 02.0-2.4 3.8N-10 76.7W-10 99-21 3.4b 19222603

NEIC VI 25 11 13 05.7-2.3 3.99N 76.49W 112-20 3.5b

IDC VI 25 11 13 05.5-3.0 4.01N 76.53W 109-25 3.6,3.5

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=23.1km s-min=17.1km az=162.2.

NEIC Event type se. Error ellipse: s-maj=28.4km s-min=13.4km az=68.0.

IDC Error ellipse: s-maj=33.6km s-min=19.8km az=61.0.

(104) Off coast of Ecuador.

IGQ VI 04 17 04 12.9 0.73S 81.35W 10-8 4.3b,4.1s 19664952

IGQ Error ellipse: s-maj=9.2km s-min=5.0km az=40.6.

ISC V 21 02 07 39.6-1.1 1.52N-03 85.34W-03 29-7 5.7s,5.1b 389 5-155

IDC V 21 02 07 34.4-61 1.62N 85.22W 0 5.6s,5.6 18344309

ISCJB V 21 02 07 34.1-1.3 1.53N-03 85.32W-03 6-7 5.7s,5.1b

HRVD V 21 02 07 36.4-10 1.48N 85.34W 14-0 6.0W,5.7b

NEIC V 21 02 07 36.4-22 1.55N 85.31W 10 5.9W,5.1s

BJI V 21 02 07 37.9 1.50N 85.30W 10 6.0s,5.7s

MOS V 21 02 07 40.8-1.1 1.89N 85.35W 38 5.7s,5.5b

SZGRF V 21 02 07 48.3 2.04N 84.78W 33 5.9s,5.2b

CASC V 21 02 07 49.0 2.42N 85.05W 6 5.3b,4.9

ISC Event type se.

IDC Error ellipse: s-maj=22.9km s-min=11.4km az=61.0.

ISCJB Event type se. Error ellipse: s-maj=6.2km s-min=3.8km az=111.6.

HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s101,c225; Mantle waves: s108,c390; Half duration: 2s5 Moment tensor: Scale 1018Nm; Mr:0.07±0.01 M₀:0.28±0.1; M₁:0.34±0.1; M₂:0.02±0.1; M₃:1.25±0.1; Mr-0.20±0.2; Best double couple: NP1: $\phi=97.00000^\circ$; $\delta 81.00000^\circ$; $\lambda 1.00000^\circ$; NP2: $\phi=187.00000^\circ$; $\delta 89.00000^\circ$; $\lambda -171.00000^\circ$. Principal axes: T 1.2660; P1g5.0000°; Azm322.0000°; N 0.0170; P1g81.0000°; Azm194.0000°; P -1.3420; P1g7.0000°; Azm52.0000°; M₁:3.0400x10¹⁸

NEIC Event type se. Error ellipse: s-maj=6.6km s-min=3.9km az=45.0. Moment Tensor Solution. M₁:3.0000x10¹⁸ Moment Tensor Solution. s46 Moment tensor: Scale 1018Nm; Mr:0.0 Mw:0.0 M₀:0.0 M₁:0.0 M₂:0.0 M₃:0.0 M₄:0.0 M₅:0.0 M₆:0.0 M₇:0.0 M₈:0.0 M₉:0.0 M₁₀:0.0 M₁₁:0.0 M₁₂:0.0 M₁₃:0.0 M₁₄:0.0 M₁₅:0.0 M₁₆:0.0 M₁₇:0.0 M₁₈:0.0 M₁₉:0.0 M₂₀:0.0 M₂₁:0.0 M₂₂:0.0 M₂₃:0.0 M₂₄:0.0 M₂₅:0.0 M₂₆:0.0 M₂₇:0.0 M₂₈:0.0 M₂₉:0.0 M₃₀:0.0 M₃₁:0.0 M₃₂:0.0 M₃₃:0.0 M₃₄:0.0 M₃₅:0.0 M₃₆:0.0 M₃₇:0.0 M₃₈:0.0 M₃₉:0.0 M₄₀:0.0 M₄₁:0.0 M₄₂:0.0 M₄₃:0.0 M₄₄:0.0 M₄₅:0.0 M₄₆:0.0 M₄₇:0.0 M₄₈:0.0 M₄₉:0.0 M₅₀:0.0 M₅₁:0.0 M₅₂:0.0 M₅₃:0.0 M₅₄:0.0 M₅₅:0.0 M₅₆:0.0 M₅₇:0.0 M₅₈:0.0 M₅₉:0.0 M₆₀:0.0 M₆₁:0.0 M₆₂:0.0 M₆₃:0.0 M₆₄:0.0 M₆₅:0.0 M₆₆:0.0 M₆₇:0.0 M₆₈:0.0 M₆₉:0.0 M₇₀:0.0 M₇₁:0.0 M₇₂:0.0 M₇₃:0.0 M₇₄:0.0 M₇₅:0.0 M₇₆:0.0 M₇₇:0.0 M₇₈:0.0 M₇₉:0.0 M₈₀:0.0 M₈₁:0.0 M₈₂:0.0 M₈₃:0.0 M₈₄:0.0 M₈₅:0.0 M₈₆:0.0 M₈₇:0.0 M₈₈:0.0 M₈₉:0.0 M₉₀:0.0 M₉₁:0.0 M₉₂:0.0 M₉₃:0.0 M₉₄:0.0 M₉₅:0.0 M₉₆:0.0 M₉₇:0.0 M₉₈:0.0 M₉₉:0.0 M₁₀₀:0.0 M₁₀₁:0.0 M₁₀₂:0.0 M₁₀₃:0.0 M₁₀₄:0.0 M₁₀₅:0.0 M₁₀₆:0.0 M₁₀₇:0.0 M₁₀₈:0.0 M₁₀₉:0.0 M₁₁₀:0.0 M₁₁₁:0.0 M₁₁₂:0.0 M₁₁₃:0.0 M₁₁₄:0.0 M₁₁₅:0.0 M₁₁₆:0.0 M₁₁₇:0.0 M₁₁₈:0.0 M₁₁₉:0.0 M₁₂₀:0.0 M₁₂₁:0.0 M₁₂₂:0.0 M₁₂₃:0.0 M₁₂₄:0.0 M₁₂₅:0.0 M₁₂₆:0.0 M₁₂₇:0.0 M₁₂₈:0.0 M₁₂₉:0.0 M₁₃₀:0.0 M₁₃₁:0.0 M₁₃₂:0.0 M₁₃₃:0.0 M₁₃₄:0.0 M₁₃₅:0.0 M₁₃₆:0.0 M₁₃₇:0.0 M₁₃₈:0.0 M₁₃₉:0.0 M₁₄₀:0.0 M₁₄₁:0.0 M₁₄₂:0.0 M₁₄₃:0.0 M₁₄₄:0.0 M₁₄₅:0.0 M₁₄₆:0.0 M₁₄₇:0.0 M₁₄₈:0.0 M₁₄₉:0.0 M₁₅₀:0.0 M₁₅₁:0.0 M₁₅₂:0.0 M₁₅₃:0.0 M₁₅₄:0.0 M₁₅₅:0.0 M₁₅₆:0.0 M₁₅₇:0.0 M₁₅₈:0.0 M₁₅₉:0.0 M₁₆₀:0.0 M₁₆₁:0.0 M₁₆₂:0.0 M₁₆₃:0.0 M₁₆₄:0.0 M₁₆₅:0.0 M₁₆₆:0.0 M₁₆₇:0.0 M₁₆₈:0.0 M₁₆₉:0.0 M₁₇₀:0.0 M₁₇₁:0.0 M₁₇₂:0.0 M₁₇₃:0.0 M₁₇₄:0.0 M₁₇₅:0.0 M₁₇₆:0.0 M₁₇₇:0.0 M₁₇₈:0.0 M₁₇₉:0.0 M₁₈₀:0.0 M₁₈₁:0.0 M₁₈₂:0.0 M₁₈₃:0.0 M₁₈₄:0.0 M₁₈₅:0.0 M₁₈₆:0.0 M₁₈₇:0.0 M₁₈₈:0.0 M₁₈₉:0.0 M₁₉₀:0.0 M₁₉₁:0.0 M₁₉₂:0.0 M₁₉₃:0.0 M₁₉₄:0.0 M₁₉₅:0.0 M₁₉₆:0.0 M₁₉₇:0.0 M₁₉₈:0.0 M₁₉₉:0.0 M₂₀₀:0.0 M₂₀₁:0.0 M₂₀₂:0.0 M₂₀₃:0.0 M₂₀₄:0.0 M₂₀₅:0.0 M₂₀₆:0.0 M₂₀₇:0.0 M₂₀₈:0.0 M₂₀₉:0.0 M₂₁₀:0.0 M₂₁₁:0.0 M₂₁₂:0.0 M₂₁₃:0.0 M₂₁₄:0.0 M₂₁₅:0.0 M₂₁₆:0.0 M₂₁₇:0.0 M₂₁₈:0.0 M₂₁₉:0.0 M₂₂₀:0.0 M₂₂₁:0.0 M₂₂₂:0.0 M₂₂₃:0.0 M₂₂₄:0.0 M₂₂₅:0.0 M₂₂₆:0.0 M₂₂₇:0.0 M₂₂₈:0.0 M₂₂₉:0.0 M₂₃₀:0.0 M₂₃₁:0.0 M₂₃₂:0.0 M₂₃₃:0.0 M₂₃₄:0.0 M₂₃₅:0.0 M₂₃₆:0.0 M₂₃₇:0.0 M₂₃₈:0.0 M₂₃₉:0.0 M₂₄₀:0.0 M₂₄₁:0.0 M₂₄₂:0.0 M₂₄₃:0.0 M₂₄₄:0.0 M₂₄₅:0.0 M₂₄₆:0.0 M₂₄₇:0.0 M₂₄₈:0.0 M

IGQ IGQ	Error ellipse: s-maj=3.6km s-min=1.4km az=84.9 V 11 13 04 04.4 2.055 80.24W	13-9	4.2b,4.0s	¶19661904	IGQ IGQ	Error ellipse: s-maj=14.4km s-min=10.4km az=61.4 VI 27 14 41 30.9 2.865 79.78W	21-17	4.5b,4.3s	¶19671296
IGQ IGQ	Error ellipse: s-maj=9.3km s-min=4.6km az=80.0 VI 27 08 13 53.8 2.855 79.42W	21-8	4.5b,4.3s	¶19664714	IGQ IGQ	Error ellipse: s-maj=9.2km s-min=2.5km az=8.9 VI 26 07 21 14.4 0.525 80.15W	12-5	4.0b,3.8s	¶19671272
IGQ IDC	Error ellipse: s-maj=7.5km s-min=2.0km az=11.1 III 23 11 05 11.7-18 3.315 79.66W	329-151	3.7,3.2	¶19671294	IGQ IGQ	Error ellipse: s-maj=5.6km s-min=3.4km az=54.6 VI 15 20 04 47.2 0.90N 79.74W	12-4	4.1b,3.9s	¶19671082
IDC IGQ	Error ellipse: s-maj=153.1km s-min=64.0km az=9.0 III 25 03 52 57.8 1.775 80.40W	12-9	4.3b,4.1s	¶10609033	IGQ IGQ	Error ellipse: s-maj=5.5km s-min=3.0km az=81.8 VI 11 02 49 00.6 2.385 79.88W	12-5	4.3b,4.1s	¶19670992
IGQ ISC IDC BJJ ISCJB MOS NEIC ISC IDC ISCJB MOS NEIC ISC IDC ISCJB NEIC	Error ellipse: s-maj=5.8km s-min=3.0km az=176.7 VI 27 13 41 17.6-26 2.835-05 79.65W-05 35 5.0s,4.8b 253 3-158 VI 27 13 41 11.5-63 2.815 79.66W 0 4.8,4.7b ¶18496024 VI 27 13 41 14.2 2.905 79.80W 25 5.4s,5.2b VI 27 13 41 15.3-26 2.845-05 79.77W-05 33 5.0s,4.8b VI 27 13 41 15.5-1.1 2.845 80.02W 33 5.1b,4.8b VI 27 13 41 15.3-29 2.915 79.81W 25 4.9b,4.8 Event type fe. Error ellipse: s-maj=25.0km s-min=11.8km az=61.0 Event type se. Error ellipse: s-maj=9.1km s-min=5.1km az=94.5 Error ellipse: s-maj=14.3km s-min=8.3km az=104.2 Event type fe. Error ellipse: s-maj=11.3km s-min=5.7km az=56.0. Felt strongly at Guayaquil. ISC VI 26 19 37 48.7-1.5 2.885-03 79.67W-04 18-9 4.7b,4.2s 163 2-158 IDC VI 26 19 37 45.0-71 2.715 79.61W 0 4.6,4.4 IGQ VI 26 19 37 47.2 2.935 79.39W 21-9 5.0b,4.9s ISCJB VI 26 19 37 47.4-1.1 2.895-03 79.76W-04 22-8 4.7b,4.2s NEIC VI 26 19 37 49.8-1.9 2.845 79.63W 27-13 4.9,4.8b MOS VI 26 19 37 49.6-83 2.845 79.71W 33 5.0b,4.8b BJJ VI 26 19 37 49.8 2.805 79.60W 29 5.3b,4.9s HRVD VI 26 19 37 49.8-30 2.945 79.61W 22-1 4.9W,4.9s Event type fe. Error ellipse: s-maj=32.4km s-min=14.4km az=60.0 Error ellipse: s-maj=10.1km s-min=1.7km az=14.1 Event type fe. Error ellipse: s-maj=7.2km s-min=4.4km az=16.1 Event type fe. Error ellipse: s-maj=9.3km s-min=5.7km az=52.0. Felt at Zaruma and by people in upper floors of buildings at Guayaquil. MOS Error ellipse: s-maj=12.6km s-min=8.5km az=105.4 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s24,c31; Mantle waves: s71,c103; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₁₁ =0.55±.13 M ₂₂ =0.87±.11; M ₃₃ =2.32±.12; M ₁₂ =0.10±.14; M ₁₃ =0.57±.08; M ₂₃ =0.52±.19; Best double couple: NP1:φ=320.0000°; δ79.0000°; λ=10.0000°; NP2:φ=52.0000°; δ80.0000°; λ=169.0000°; Principal axes: T 2.9330,Plg1.0000°; Azm186.0000°; N -0.4130,Plg75.0000°; Azm94.0000°; P -2.5210,Plg15.0000°; Azm276.0000°; M ₂ 2.72700×10 ¹⁶								
IGQ IGQ	Error ellipse: s-maj=2.6km s-min=1.4km az=84.9 VI 15 17 38 04.7 2.945 79.25W	12-8	4.0b,3.8s	¶19671081	IGQ IGQ	Error ellipse: s-maj=20.0km s-min=4.3km az=34.0 VI 16 05 25 49.5 2.765 79.56W	12-8	4.0b,3.8s	¶19671095
IGQ IGQ	Error ellipse: s-maj=15.2km s-min=3.6km az=53.0 II 10 06 05 33.0 0.72N 79.89W	12-5	4.2b,4.0s	¶19661672	IGQ IGQ	Error ellipse: s-maj=5.7km s-min=4.1km az=53.7 V 23 22 05 20.4 2.22S 79.58W	23-3	4.2b,4.0s	¶19664852
IGQ ISC IDC IGQ ISCJB NEIC BJJ ISC IDC IGQ ISCJB NEIC	Error ellipse: s-maj=6.3km s-min=1.7km az=67.6 V 29 08 35 49.9-68 1.82S-05 80.56W-05 46-7 4.7s,4.0b 52 1-146 V 29 08 35 43.7-81 1.78S 80.56W 0 4.2,4.1 V 29 08 35 46.8 1.74S 80.38W 5-8 4.7b,4.6s ¶18442979 V 29 08 35 49.2-69 1.77S-04 80.56W-05 56-7 4.7s,4.0b V 29 08 35 50.0-1.2 1.80S 80.45W 48-12 4.5,4.0b V 29 08 35 50.0 1.80S 80.50W 48 5.0b,4.8s Event type fe. Error ellipse: s-maj=25.1km s-min=13.0km az=63.0 Error ellipse: s-maj=5.6km s-min=4.2km az=71.6 Event type fe. Error ellipse: s-maj=8.7km s-min=7.2km az=176.0 Event type se. Error ellipse: s-maj=13.4km s-min=6.9km az=70.0. Felt at Guayaquil and Manta								
IGQ IGQ	Error ellipse: s-maj=9.1km s-min=4.1km az=71.8 V 02 20 02 35.6 2.845 79.57W	14-8	4.1b,3.9s	¶19664572	IGQ IGQ	Error ellipse: s-maj=9.7km s-min=4.4km az=125.2 I 21 14 13 04.4 0.44S 80.13W	12-4	4.0b,3.8s	¶19664574
IGQ IGQ	Error ellipse: s-maj=5.9km s-min=3.6km az=119.5 I 13 04 53 58.2 0.23S 80.70W	33-8	4.1b,3.9s	¶19661312	IGQ IGQ	Error ellipse: s-maj=15.5km s-min=8.5km az=66.2 I 12 17 24 04.4 2.06S 80.71W	12-25	4.2b,4.0s	¶19661098
IGQ IGQ	Error ellipse: s-maj=17.8km s-min=4.3km az=116.0 I 07 11 00 43.4 1.26S 80.44W	12-10	4.3b,4.1s	¶19660875	IGQ IGQ	Error ellipse: s-maj=6.6km s-min=2.9km az=25.0 I 07 07 40 14.2 3.16S 79.23W	12-3	4.3b,4.1s	¶19660873
IGQ IGQ	Error ellipse: s-maj=8.6km s-min=3.6km az=26.6 I 05 01 42 30.3 1.25S 80.88W	33-8	4.0b,3.8s	¶19660792	IGQ IGQ	Error ellipse: s-maj=15.8km s-min=5.5km az=4.1 I 04 23 30 01.2 0.75N 80.23W	35-7	4.0b,3.8s	¶19660758
IGQ IGQ	Error ellipse: s-maj=6.5km s-min=5.2km az=36.7 I 04 06 50 19.6 2.81S 80.74W	20-12	4.1b,3.9s	¶19660754	IGQ IGQ	Error ellipse: s-maj=9.2km s-min=3.6km az=71.5 I 25 18 24 32.9 1.09S 78.34W	7-2	4.3b,4.1s	¶19661376
IGQ ISC ISCJB NEIC IDC IGQ ISCJB NEIC ISC IDC ISCJB NEIC ISC IDC ISCJB NEIC	Error ellipse: s-maj=17.8km s-min=6.4km az=143.6 I 05 09 46 21.4-1.3 0.57N-06 80.25W-10 42-15 3.8b 40 1-82 I 05 09 46 19.7-1.3 0.61N-06 80.25W-09 45-13 3.8b ¶19477834 I 05 09 46 20.6-3.0 0.38N 80.18W 51-29 3.9b I 05 09 46 23.6-5.0 0.56N 80.15W 68-44 3.9,3.8 I 05 09 46 23.5 0.44N 79.72W 12-4 4.5b,4.3s Event type se. Error ellipse: s-maj=15.7km s-min=10.7km az=165.3 Event type se. Error ellipse: s-maj=31.3km s-min=10.5km az=66.0 Error ellipse: s-maj=42.0km s-min=23.2km az=57.0 Error ellipse: s-maj=8.7km s-min=3.8km az=44.2 ISC I 28 23 51 23.0-2.4 3.2S-10 79.5W-20 48-21 3.2b 21 2-82 IDC I 28 23 51 18.3-2.9 2.55S 78.92W 0 3.6,3.5 ¶19487305 IGQ I 28 23 51 19.8 2.89S 79.75W 16-6 4.5b,4.3s ISCJB I 28 23 51 21.6-2.4 3.2S-10 79.6W-20 54-20 3.2b,4.3s ISC I 01 03 37 09.1-81 0.97N-04 79.72W-06 37-9 4.0b,3.6s 58 1-142 IDC I 01 03 37 03.3-65 1.04N 79.59W 0 4.4,4.3 ISCJB I 01 03 37 07.8-78 1.02N-05 79.70W-05 46-8 4.0b,3.6s ¶19476108 IGQ I 01 03 37 08.3 0.77N 79.54W 12-6 4.2b,4.0s NEIC I 01 03 37 09.4-1.2 1.00N 79.54W 44-11 4.5,4.2b Event type se. Error ellipse: s-maj=27.8km s-min=13.5km az=58.0 Event type se. Error ellipse: s-maj=9.4km s-min=7.4km az=76.9 Error ellipse: s-maj=9.4km s-min=2.4km az=66.4 Event type se. Error ellipse: s-maj=13.7km s-min=6.8km az=72.0								
IGQ IGQ	Error ellipse: s-maj=8.5km s-min=3.6km az=146.5 I 14 08 47 45.2 2.22S 80.74W	12-10	4.0b,3.8s	¶19660756	IGQ ISC	Error ellipse: s-maj=3.9km s-min=2.3km az=85.4 I 08 06 23 21.9-31 1.48S-06 77.76W-05 173 4.5b 147 2-151 SZGRF I 08 06 23 09.6 1.10S 77.22W 33 4.4b ISCJB I 08 06 23 19.4-30 1.60S-05 77.87W-05 171 4.5b IDC I 08 06 23 20.7-1.9 1.57S 77.85W 168-15 4.5,4.2 NEIC I 08 06 23 21.4-2.1 1.48S 77.75W 171 4.6b,4.6 BJJ I 08 06 23 22.4 1.50S 77.70W 171 5.0b,4.6 ISC Event type se.			
IGQ IGQ	Error ellipse: s-maj=3.6km s-min=1.4km az=84.9 VI 11 13 04 04.4 2.055 80.24W	13-9	4.2b,4.0s	¶19661904	IGQ IGQ	Error ellipse: s-maj=14.4km s-min=10.4km az=61.4 VI 27 14 41 30.9 2.865 79.78W	21-17	4.5b,4.3s	¶19671296
IGQ IGQ	Error ellipse: s-maj=9.3km s-min=4.6km az=80.0 VI 27 08 13 53.8 2.855 79.42W	21-8	4.5b,4.3s	¶19664714	IGQ IGQ	Error ellipse: s-maj=9.2km s-min=2.5km az=8.9 VI 26 07 21 14.4 0.525 80.15W	12-5	4.0b,3.8s	¶19671272
IGQ IDC	Error ellipse: s-maj=7.5km s-min=2.0km az=11.1 III 23 11 05 11.7-18 3.315 79.66W	329-151	3.7,3.2	¶19671294	IGQ IGQ	Error ellipse: s-maj=5.6km s-min=3.4km az=54.6 VI 15 20 04 47.2 0.90N 79.74W	12-4	4.1b,3.9s	¶19671082
IDC IGQ	Error ellipse: s-maj=153.1km s-min=64.0km az=9.0 III 25 03 52 57.8 1.775 80.40W	12-9	4.3b,4.1s	¶10609033	IGQ IGQ	Error ellipse: s-maj=5.5km s-min=3.0km az=81.8 VI 11 02 49 00.6 2.385 79.88W	12-5	4.3b,4.1s	¶19670992
IGQ ISC IDC BJJ ISCJB MOS NEIC ISC IDC ISCJB NEIC	Error ellipse: s-maj=5.8km s-min=3.0km az=176.7 VI 27 13 41 17.6-26 2.835-05 79.65W-05 35 5.0s,4.8b 253 3-158 VI 27 13 41 11.5-63 2.815 79.66W 0 4.8,4.7b ¶18496024 VI 27 13 41 14.2 2.905 79.80W 25 5.4s,5.2b VI 27 13 41 15.3-26 2.845-05 79.77W-05 33 5.0s,4.8b VI 27 13 41 15.5-1.1 2.845 80.02W 33 5.1b,4.8b VI 27 13 41 15.3-29 2.915 79.81W 25 4.9b,4.8 Event type fe. Error ellipse: s-maj=25.0km s-min=11.8km az=61.0 Event type se. Error ellipse: s-maj=9.1km s-min=5.1km az=94.5 Error ellipse: s-maj=14.3km s-min=8.3km az=104.2 Event type fe. Error ellipse: s-maj=11.3km s-min=5.7km az=56.0. Felt strongly at Guayaquil. ISC VI 26 19 37 48.7-1.5 2.885-03 79.67W-04 18-9 4.7b,4.2s 163 2-158 IDC VI 26 19 37 45.0-71 2.715 79.61W 0 4.6,4.4 IGQ VI 26 19 37 47.2 2.935 79.39W 21-9 5.0b,4.9s ISCJB VI 26 19 37 47.4-1.1 2.895-03 79.76W-04 22-8 4.7b,4.2s NEIC VI 26 19 37 49.8-1.9 2.845 79.63W 27-13 4.9,4.8b MOS VI 26 19 37 49.6-83 2.845 79.71W 33 5.0b,4.8b BJJ VI 26 19 37 49.8 2.805 79.60W 29 5.3b,4.9s HRVD VI 26 19 37 49.8-30 2.945 79.61W 22-1 4.9W,4.9s Event type fe. Error ellipse: s-maj=32.4km s-min=14.4km az=60.0 Error ellipse: s-maj=10.1km s-min=1.7km az=14.1 Event type fe. Error ellipse: s-maj=7.2km s-min=4.4km az=16.1 Event type fe. Error ellipse: s-maj=9.3km s-min=5.7km az=52.0. Felt at Zaruma and by people in upper floors of buildings at Guayaquil. MOS Error ellipse: s-maj=12.6km s-min=8.5km az=105.4 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s24,c31; Mantle waves: s71,c103; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₁₁ =0.55±.13 M ₂₂ =0.87±.11; M ₃₃ =2.32±.12; M ₁₂ =0.10±.14; M ₁₃ =0.57±.08; M ₂₃ =0.52±.19; Best double couple: NP1:φ=320.0000°; δ79.0000°; λ=10.0000°; NP2:φ=52.0000°; δ80.0000°; λ=169.0000°; Principal axes: T 2.9330,Plg1.0000°; Azm186.0000°; N -0.4130,Plg75.0000°; Azm94.0000°; P -2.5210,Plg15.0000°; Azm276.0000°; M ₂ 2.72700×10 ¹⁶								
IGQ IGQ	Error ellipse: s-maj=2.6km s-min=1.4km az=84.9 VI 15 17 38 04.7 2.945 79.25W	12-8	4.0b,3.8s	¶19671081	IGQ IGQ	Error ellipse: s-maj=20.0km s-min=4.3km az=34.0 VI 16 05 25 49.5 2.765 79.56W	12-8	4.0b,3.8s	¶19671095
IGQ IGQ	Error ellipse: s-maj=15.2km s-min=3.6km az=53.0 II 10 06 05 33.0 0.72N 79.89W	12-5	4.2b,4.0s	¶19661672	IGQ IGQ	Error ellipse: s-maj=5.7km s-min=4.1km az=53.7 V 23 22 05 20.4 2.22S 79.58W	23-3	4.2b,4.0s	¶19664852
IGQ ISC IDC IGQ ISCJB NEIC BJJ ISC IDC IGQ ISCJB NEIC	Error ellipse: s-maj=6.3km s-min=1.7km az=67.6 V 29 08 35 49.9-68 1.82S-05 80.56W-05 46-7 4.7s,4.0b 52 1-146 V 29 08 35 43.7-81 1.78S 80.56W 0 4.2,4.1 V 29 08 35 46.8 1.74S 80.38W 5-8 4.7b,4.6s ¶18442979 V 29 08 35 49.2-69 1.77S-04 80.56W-05 56-7 4.7s,4.0b V 29 08 35 50.0-1.2 1.80S 80.45W 48-12 4.5,4.0b V 29 08 35 50.0 1.80S 80.50W 48 5.0b,4.8s Event type fe. Error ellipse: s-maj=25.1km s-min=13.0km az=63.0 Error ellipse: s-maj=5.6km s-min=4.2km az=71.6 Event type fe. Error ellipse: s-maj=8.7km s-min=7.2km az=176.0 Event type se. Error ellipse: s-maj=13.4km s-min=6.9km az=70.0. Felt at Guayaquil and Manta								
IGQ IGQ	Error ellipse: s-maj=9.1km s-min=4.1km az=71.8 V 02 20 02 35.6 2.845 79.57W	14-8	4.1b,3.9s	¶19664572	IGQ IGQ	Error ellipse: s-maj=9.7km s-min=4.4km az=125.2 I 21 14 13 04.4 0.44S 80.13W	12-4	4.0b,3.8s	¶19664574
IGQ IGQ	Error ellipse: s-maj=5.9km s-min=3.6km az=119.5 I 13 04 53 58.2 0.23S 80.70W	33-8	4.1b,3.9s	¶19661312	IGQ IGQ	Error ellipse: s-maj=15.5km s-min=8.5km az=66.2 I 12 17 24 04.4 2.06S 80.71W	12-25	4.2b,4.0s	¶19661098
IGQ IGQ	Error ellipse: s-maj=17.8km s-min=4.3km az=116.0 I 07 11 00 43.4 1.26S 80.44W	12-10	4.3b,4.1s	¶19660875	IGQ IGQ	Error ellipse: s-maj=6.6km s-min=2.9km az=25.0 I 07 07 40 14.2 3.16S 79.23W	12-3	4.3b,4.1s	¶19660873
IGQ IGQ	Error ellipse: s-maj=8.6km s-min=3.6km az=26.6 I 05 01 42 30.3 1.25S 80.88W	33-8	4.0b,3.8s	¶19660792	IGQ IGQ	Error ellipse: s-maj=15.8km s-min=5.5km az=4.1 I 04 23 30 01.2 0.75N 80.23W	35-7	4.0b,3.8s	¶19660758
IGQ IGQ	Error ellipse: s-maj=6.5km s-min=5.2km az=36.7 I 04 06 50 19.6 2.81S 80.74W	20-12	4.1b,3.9s	¶19660754	IGQ IGQ	Error ellipse: s-maj=9.2km s-min=3.6km az=71.5 I 25 18 24 32.9 1.09S 78.34W	7-2	4.3b,4.1s	¶19661376
IGQ ISC ISCJB NEIC IDC IGQ ISCJB NEIC ISC IDC ISCJB NEIC ISC IDC ISCJB NEIC	Error ellipse: s-maj=17.8km s-min=6.4km az=143.6 I 05 09 46 21.4-1.3 0.57N-06 80.25W-10 42-15 3.8b 40 1-82 I 05 09 46 19.7-1.3 0.61N-06 80.25W-09 45-13 3.8b ¶19477834 I 05 09 46 20.6-3.0 0.38N 80.18W 51-29 3.9b I 05 09 46 23.6-5.0 0.56N 80.15W 68-44 3.9,3.8 I 05 09 46 23.5 0.44N 79.72W 12-4 4.5b,4.3s Event type se. Error ellipse: s-maj=15.7km s-min=10.7km az=165.3 Event type se. Error ellipse: s-maj=31.3km s-min=10.5km az=66.0 Error ellipse: s-maj=42.0km s-min=23.2km az=57.0 Error ellipse: s-maj=8.7km s-min=3.8km az=44.2 ISC I 28 23 51 23.0-2.4 3.2S-10 79.5W-20 48-21 3.2b 21 2-82 IDC I 28 23 51 18.3-2.9 2.55S 78.92W 0 3.6,3.5 ¶19487305 IGQ I 28 23 51 19.8 2.89S 79.75W 16-6 4.5b,4.3s ISCJB I 28 23 51 21.6-2.4 3.2S-10 79.6W-20 54-20 3.2b,4.3s ISC I 01 03 37 09.1-81 0.97N-04 79.72W-06 37-9 4.0b,3.6s 58 1-142 IDC I 01 03 37 03.3-65 1.04N 79.59W 0 4.4,4.3 ISCJB I 01 03 37 07.8-78 1.02N-05 79.70W-05 46-8 4.0b,3.6s ¶19476108 IGQ I 01 03 37 08.3 0.77N 79.54W 12-6 4.2b,4.0s NEIC I 01 03 37 09.4-1.2 1.00N 79.54W 44-11 4.5,4.2b Event type se. Error ellipse: s-maj=27.8km s-min=13.5km az=58.0 Event type se. Error ellipse: s-maj=9.4km s-min=7.4km az=76.9 Error ellipse: s-maj=9.4km s-min=2.4km az=66.4 Event type se. Error ellipse: s-maj=13.7km s-min=6.8km az=72.0								
IGQ IGQ	Error ellipse: s-maj=8.5km s-min=3.6km az=146.5 I 14 08 47 45.2 2.22S 80.74W	12-10	4.0b,3.8s	¶19660756	IGQ ISC	Error ellipse: s-maj=3.9km s-min=2.3km az=85.4 I 08 06 23 21.9-31 1.48S-06 77.76W-05 173 4.5b 147 2-151 SZGRF I 08 06 23 09.6 1.10S 77.22W 33 4.4b ISCJB I 08 06 23 19.4-30 1.60S-05 77.87W-05 171 4.5b IDC I 08 06 23 20.7-1.9 1.57S 77.85W 168-15 4.5,4.2 NEIC I 08 06 23 21.4-2.1 1.48S 77.75W 171 4.6b,4.6 BJJ I 08 06 23 22.4 1.50S 77.70W 17			

SZGRF Ecuador.
 ISCJB Event type se. Error ellipse: s-maj=9.3km s-min=4.8km az=86.9.
 IDC Error ellipse: s-maj=17.7km s-min=8.8km az=52.0.
 NEIC Event type se. Error ellipse: s-maj=6.8km s-min=3.4km az=41.0.
ISC I 22 06 18 17.3-36 1.56S-05 77.6W-07 181-3 4.0b 63 1-151
 BJI I 22 06 18 15.6 1.05S 77.35W 174 4.7b **18079040**
 ISCJB I 22 06 18 16.4-37 1.55S-05 77.75W-07 189-3 4.0b
 IGO I 22 06 18 16.3 1.53S 77.97W 189-8 4.4b,4.2s
 NEIC I 22 06 18 17.3-93 1.54S 77.70W 182-10 4.3b,4.3
 IDC I 22 06 18 20.6-2.1 1.47S 77.51W 211-21 4.2,3.8
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.3km s-min=7.1km az=143.8.
 IGO Error ellipse: s-maj=5.4km s-min=3.3km az=59.9.
 NEIC Event type se. Error ellipse: s-maj=11.1km s-min=5.8km az=71.0.
 IDC Error ellipse: s-maj=17.6km s-min=8.0km az=67.0.
IGQ VI 03 02 28 50.8 0.75S 79.79W 24-5 4.0b,3.8s

IGQ Error ellipse: s-maj=3.8km s-min=2.3km az=172.1.

(108) Off coast of northern Peru.
IDC IV 07 16 13 19.5-1.9 9.50S 79.74W 0 4.3L,4.0
 Error ellipse: s-maj=61.7km s-min=24.5km az=44.0. **19594423**
IDC II 01 13 24 59.1-2.1 7.76S 80.20W 0 3.9,3.8b
 Error ellipse: s-maj=100.7km s-min=62.2km az=14.0. **19569392**

ISC II 20 20 16 05.5-2.3 9.4S-20 79.2W-30 61-20 3.9b 14 4-141
 IDC II 20 20 15 57.6-1.6 9.17S 79.16W 0 4.1,4.0 **19571711**
 ISCJB II 20 20 16 03.2-2.5 9.3S-20 79.2W-30 55-22 3.9b,4.0
 NEIC II 20 20 16 07.7-1.5 9.17S 78.47W 85-13 4.2b,4.0
 ISC Event type se.
 IDC Error ellipse: s-maj=63.0km s-min=36.8km az=38.0.
 ISCJB Event type se. Error ellipse: s-maj=52.5km s-min=13.6km az=128.2.
 NEIC Event type se. Error ellipse: s-maj=32.4km s-min=11.9km az=67.0. Felt [III] at Chimbote.
ISC I 23 13 47 51.0-90 7.1S-20 80.7W-20 35 3.7b 9 6-86
 IDC I 23 13 47 45.8-1.3 7.01S 80.68W 0 3.9,3.8 **19485174**
 ISCJB I 23 13 47 48.7-91 7.1S-20 80.7W-20 33 3.7b,3.8
 NEIC I 23 13 47 52.3-75 7.11S 80.62W 50 3.7b,3.8
 ISC Event type se.
 IDC Error ellipse: s-maj=59.5km s-min=21.4km az=55.0.
 ISCJB Event type se. Error ellipse: s-maj=41.6km s-min=12.1km az=110.2.
 NEIC Event type se. Error ellipse: s-maj=37.7km s-min=10.2km az=55.0.

(109) Near coast of northern Peru.
ISC IV 08 02 49 41.2-37 9.18S-07 78.9W-10 58 4.2b,3.5s 48 3-141
 ISCJB IV 08 02 49 39.1-37 9.16S-07 78.90W-09 56 4.2b,3.5s **18320174**
 IDC IV 08 02 49 40.6-70 9.23S 78.99W 55-5 4.1,4.0
 NEIC IV 08 02 49 40.7-28 9.25S 79.00W 56 4.2b,4.0
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=15.7km s-min=5.2km az=109.8.
 IDC Error ellipse: s-maj=25.1km s-min=12.4km az=54.0.
 NEIC Event type se. Error ellipse: s-maj=13.1km s-min=5.2km az=60.0. Felt [IV] at Chimbote.
IGQ III 19 17 41 46.3 4.21S 81.02W 25-0 4.1b,3.9s 19606682

IGQ Error ellipse: s-maj=33.0km s-min=13.1km az=121.9.
ISC III 10 12 57 10.1-2.6 5.38S-09 80.9W-20 67-23 4.2b 31 6-154
 IDC III 10 12 57 05.5-86 5.48S 81.03W 36-6 4.3L,4.0 **19601144**
 NEIC III 10 12 57 09.5-2.7 5.43S 80.94W 69-24 4.4b,4.0
 BJI III 10 12 57 09.5 5.40S 80.90W 68 5.4s,5.3b
 ISCJB III 10 12 57 11.3-2.0 5.26S-08 80.8W-10 94-19 4.2b,5.3b
 ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.
ISC III 29 15 13 06.6-1.3 5.18S-08 80.85W-08 57-14 3.8b,3.7s 22 6-137
 ISCJB III 29 15 12 58.6-3.2 5.28S-08 81.19W-07 14-19 3.8b,3.7s **19612944**
 IDC III 29 15 12 58.7-92 5.22S 81.04W 0 4.1,4.0L
 NEIC III 29 15 13 06.0-1.2 5.20S 80.88W 53-12 3.8b,4.0L
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=15.9km s-min=8.3km az=68.9.
 IDC Error ellipse: s-maj=40.7km s-min=15.7km az=55.0.
 NEIC Event type se. Error ellipse: s-maj=13.5km s-min=8.0km az=50.0.
IGQ III 16 13 47 50.9 3.19S 81.05W 21-8 4.1b,3.9s 19604804

IGQ Error ellipse: s-maj=9.2km s-min=6.3km az=166.4.
ISC II 01 12 38 34.4-6.8 4.0S-10 81.9W-30 60-64 3.8b 13 17-137
 ISCJB II 01 12 38 29.7-81 4.0S-10 82.1W-20 33 3.8b **19569385**
 IDC II 01 12 38 32.1-8.0 4.04S 81.99W 44-72 3.8,8.3
 NEIC II 01 12 38 35.3-4.2 3.94S 81.82W 72-37 3.9b,3.8
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=26.4km s-min=12.1km az=109.6.
 IDC Error ellipse: s-maj=71.1km s-min=23.1km az=60.0.
 NEIC Event type se. Error ellipse: s-maj=33.1km s-min=10.3km az=70.0.
ISC II 19 20 03 46.7-1.0 5.90S-08 81.3W-20 35 3.7b 12 7-137
 IDC II 19 20 03 41.1-1.4 5.82S 81.30W 0 3.8,3.6b **19571480**
 ISCJB II 19 20 03 44.1-97 5.96S-06 81.3W-20 33 3.7b,3.6b
 NEIC II 19 20 03 46.8-2.0 5.88S 81.16W 38-18 3.5b,3.6b
 ISC Event type se.
 IDC Error ellipse: s-maj=52.7km s-min=26.7km az=58.0.
 ISCJB Event type se. Error ellipse: s-maj=21.6km s-min=8.8km az=0.9.
 NEIC Event type se. Error ellipse: s-maj=28.0km s-min=8.8km az=80.0.
IDC III 07 21 41 40.8-2.4 9.90S 78.77W 0 3.7,3.6b 19599303

IDC Error ellipse: s-maj=116.7km s-min=32.9km az=40.0.
ISC VI 01 04 11 19.3-21 3.38S-04 79.74W-04 36 4.7b,4.5s 289 2-163
 IDC VI 01 04 11 13.1-54 8.45S 80.10W 0 4.7,4.7 **18449269**
 ISCJB VI 01 04 11 17.0-22 8.43S-04 79.92W-05 34 4.7b,4.5s
 BJI VI 01 04 11 17.5 7.83S 79.71W 33 5.5s,2.2b
 MOS VI 01 04 11 17.3-81 8.33S 79.84W 33 5.0b,5.2b
 NEIC VI 01 04 11 18.5-17 8.44S 79.85W 34 4.8b,4.3L
 ISC Event type se.
 IDC Error ellipse: s-maj=20.2km s-min=12.3km az=61.0.
 ISCJB Event type se. Error ellipse: s-maj=7.6km s-min=4.4km az=105.7.
 MOS Error ellipse: s-maj=14.7km s-min=6.2km az=112.3.
 NEIC Event type se. Error ellipse: s-maj=7.0km s-min=3.4km az=53.0. Felt [II] at Salaverry.

(110) Peru-Ecuador border region.
ISC IV 07 00 44 14.0-1.2 3.3S-10 78.3W-20 155-12 3.3b 26 2-71
 IGO IV 07 00 43 02.3 4.12S 79.04W 43-3 4.3b,4.1s **19664272**
 IDC IV 07 00 44 08.9-18 3.17S 78.22W 104-91 3.9L,3.5
 ISCJB IV 07 00 44 13.7-94 3.2S-10 78.1W-10 167-10 3.3b,3.5
 NEIC IV 07 00 44 13.8-1.4 3.25S 78.19W 153-14 3.6b,3.5
 ISC Event type se.
 IGO Error ellipse: s-maj=22.1km s-min=4.5km az=7.6.
 IDC Error ellipse: s-maj=104.1km s-min=58.0km az=49.0.
 ISCJB Event type se. Error ellipse: s-maj=26.3km s-min=11.2km az=97.0.
 NEIC Event type se. Error ellipse: s-maj=33.5km s-min=9.9km az=63.0.
IGQ III 12 15 08 44.4 3.48S 80.88W 45-17 4.2b,4.0s 19602537

IGQ Error ellipse: s-maj=23.2km s-min=13.7km az=32.6.
IGQ II 22 08 56 05.7 2.17S 77.27W 16-7 4.2b,4.0s 19661903
 IGO Error ellipse: s-maj=12.6km s-min=5.1km az=116.1.
ISC III 06 09 42 52.3-61 2.12S-06 77.7W-10 166-5 3.5b 31 1-142
 IDC III 06 09 42 40.7-7.0 2.68S 77.97W 82-61 3.8L,3.7 **19598324**
 IGO III 06 09 42 50.9 1.92S 77.81W 194-4 4.3b,4.1s
 ISCJB III 06 09 42 52.0-55 2.08S-06 77.9W-10 176-4 3.5b,4.1s
 NEIC III 06 09 42 55.4-89 1.67S 77.69W 171-10 4.1,4.0b
 ISC Event type se.
 IDC Error ellipse: s-maj=59.8km s-min=23.4km az=49.0.
 IGO Error ellipse: s-maj=6.7km s-min=4.4km az=14.8.
 ISCJB Event type se. Error ellipse: s-maj=18.0km s-min=9.5km az=150.6.

NEIC Event type se. Error ellipse: s-maj=18.8km s-min=10.7km az=69.0.
ISC III 10 22 08 51.1-1.1 4.91S-09 78.8W-10 148-9 4.0b 48 3-153
 IDC III 10 22 08 48.1-83 4.98S 78.77W 124-6 4.2,4.0 **19601479**
 NEIC III 10 22 08 48.1-43 5.05S 78.90W 123 4.5b,4.0
 ISCJB III 10 22 08 50.6-1.1 4.87S-08 78.7W-10 159-9 4.0b,4.0
 IGO III 10 22 09 04.4 3.57S 78.59W 195-12 4.5b,4.3s
 ISC Event type se.
 IDC Error ellipse: s-maj=28.0km s-min=13.8km az=53.0.
 NEIC Event type se. Error ellipse: s-maj=18.0km s-min=8.1km az=72.0.
 ISCJB Event type se. Error ellipse: s-maj=24.7km s-min=10.5km az=131.5.
 IGO Error ellipse: s-maj=15.1km s-min=11.4km az=79.1.
ISC II 05 19 10 58.3-00 4.43S-08 79.6W-10 123-8 3.6b 40 3-139
 ISCJB II 05 19 10 56.7-1.1 4.49S-08 79.5W-10 129-9 3.5b **19569940**
 NEIC II 05 19 10 57.5-1.8 4.39S 79.28W 120-19 3.7b
 IGO II 05 19 11 03.3 3.71S 79.60W 12-25 4.3b,4.1s
 IDC II 05 19 11 04.4-4.8 4.04S 79.24W 168-44 3.7,3.5
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=19.1km s-min=12.0km az=140.8.
 NEIC Event type se. Error ellipse: s-maj=20.4km s-min=14.5km az=80.0.
 IGO Error ellipse: s-maj=27.8km s-min=5.7km az=84.4.
 IDC Error ellipse: s-maj=47.5km s-min=16.7km az=44.0.
IGQ II 09 02 59 31.7 2.64S 77.21W 12-5 4.1b,3.9s 19661652

IGQ Error ellipse: s-maj=8.0km s-min=3.6km az=109.0.
IGQ II 12 12 38 13.9 3.08S 78.95W 12-7 4.1b,3.9s 19661712
 IGO Error ellipse: s-maj=19.6km s-min=6.0km az=26.3.
IGQ II 13 19 19 41.6 4.24S 80.52W 40-18 4.4b,4.2s 19661734

IGQ Error ellipse: s-maj=14.2km s-min=13.0km az=175.2.
ISC II 18 19 52 00.1-40 2.01S-05 77.34W-07 173-4 3.9b 56 1-150
 IGO II 18 19 51 57.8 2.06S 77.24W 173-5 4.4b,4.2s **18106425**
 ISCJB II 18 19 51 59.2-45 2.01S-05 77.37W-07 180-4 3.9b,4.2s
 IDC II 18 19 51 60.0-89 1.92S 77.20W 172-7 4.0,3.8s
 NEIC II 18 19 51 59.7-93 1.98S 77.34W 168-10 4.3b,3.8s
 ISC Event type se.
 IGO Error ellipse: s-maj=7.2km s-min=2.6km az=34.6.
 ISCJB Event type se. Error ellipse: s-maj=12.1km s-min=8.4km az=165.4.
 IDC Error ellipse: s-maj=22.0km s-min=12.4km az=60.0.
 NEIC Event type se. Error ellipse: s-maj=16.3km s-min=8.2km az=73.0.
ISC II 18 21 07 28.1-32 4.37S-03 79.54W-06 95 4.3b 79 3-153
 ISCJB II 18 21 07 25.9-32 4.41S-03 79.61W-06 93 4.3b **18106427**
 BJI II 18 21 07 26.5 3.44S 79.56W 75 5.3b,4.9s
 NEIC II 18 21 07 27.8-23 4.27S 79.38W 93 5.0,4.5b
 IGO II 18 21 07 27.8 4.20S 79.61W 123-21 5.0b,4.9s
 IDC II 18 21 07 28.4-54 4.21S 79.33W 95-3 4.3,4.1
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=8.3km s-min=4.0km az=169.8.
 NEIC Event type se. Error ellipse: s-maj=9.9km s-min=4.4km az=64.0.
 IGO Error ellipse: s-maj=7.4km s-min=5.4km az=104.5.
 IDC Error ellipse: s-maj=21.5km s-min=10.0km az=52.0.

ISC II 23 00 33 49.1-66 2.84S-07 76.8W-10 137-13 3.8b 30 2-142
 ISCJB II 23 00 33 48.0-70 2.85S-07 76.8W-10 144-14 3.8b **19579378**
 NEIC II 23 00 33 48.9-79 2.83S 76.78W 135-10 4.2,3.9b
 IDC II 23 00 33 49.3-8.7 2.81S 76.70W 138-83 4.0,3.6
 IGO II 23 00 34 00.8 1.74S 77.19W 10-2 4.2b,4.0s
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=23.2km s-min=10.8km az=159.1.
 NEIC Event type se. Error ellipse: s-maj=15.4km s-min=7.3km az=80.0.
 IDC Error ellipse: s-maj=72.9km s-min=19.3km az=85.0.
 IGO Error ellipse: s-maj=2.9km s-min=2.0km az=92.0.
ISC V 19 17 53 46.4-47 4.54S-04 80.89W-06 44 4.6s,4.2b 59 2-935
 IGO V 19 17 53 42.8 4.26S 80.85W 0-18 4.6b,4.4s **18358291**
 ISCJB V 19 17 53 44.4-46 4.53S-04 80.90W-06 42 4.6s,4.2b
 IDC V 19 17 53 45.7-76 4.42S 80.71W 39-4 4.4L,4.1
 NEIC V 19 17 53 46.7-1.2 4.47S 80.64W 47-13 4.4b,4.1
 BJI V 19 17 53 52.3 3.79S 80.35W 33 5.2s,5.0s
 ISC Event type se.
 IDC Error ellipse: s-maj=38.2km s-min=8.6km az=111.6.
 ISCJB Event type se. Error ellipse: s-maj=8.6km s-min=5.4km az=28.3.
 IDC Error ellipse: s-maj=27.8km s-min=12.4km az=51.0.
 NEIC Event type se. Error ellipse: s-maj=14.9km s-min=8.3km az=52.0. Felt [III] at Mancora and Talara, Peru.

IGQ I 19 06 56 10.1 2.57S 77.89W 12-9 4.2b,4.0s 19661252
 IGO Error ellipse: s-maj=16.7km s-min=6.5km az=149.6.
IGQ III 09 16 25 35.2 3.51S 78.18W 12-6 4.0b,3.8s 19600417
 IGO Error ellipse: s-maj=25.5km s-min=6.5km az=172.7.
IGQ VI 17 15 25 00.3 2.34S 77.93W 15-4 4.1b,3.9s 19671114
 IGO Error ellipse: s-maj=8.0km s-min=5.0km az=142.8.

(111) Northern Peru.
IGQ III 09 20 48 52.5 4.67S 76.07W 15-0 4.2b,4.0s 19600621
 IGO Error ellipse: s-maj=29.4km s-min=15.8km az=62.0.
ISC III 05 05 28 32.4-44 3.35S-03 76.90W-04 116-3 5.1b 430 2-176
 IGO III 05 05 28 04.7 4.86S 76.03W 12-0 5.4b,5.4s **19597655**
 MOS III 05 05 28 30.4-85 3.23S 76.92W 107 5.2b,4.2s
 IDC III 05 05 28 30.3-49 3.32S 76.89W 100-4 5.0,4.9
 NEIC III 05 05 28 31.7-13 3.38S 76.91W 114 5.2b,4.9
 BJI III 05 05 28 31.7 3.40S 76.90W 113 5.2b,4.9
 HRVD III 05 05 28 31.7-20 3.50S 76.92W 116-2 5.2W,4.9
 ISCJB III 05 05 28 31.6-46 3.35S-04 76.98W-04 123-3 5.1b,4.9
 SZGRF III 05 05 28 48.5 1.05S 74.84W 123 5.0b,4.9

ISC Event type se.
 IGO Error ellipse: s-maj=10.1km s-min=7.6km az=61.0.
 MOS Error ellipse: s-maj=7.9km s-min=4.8km az=98.2.
 IDC Error ellipse: s-maj=16.5km s-min=9.3km az=56.0.
 NEIC Event type se. Error ellipse: s-maj=4.4km s-min=2.8km az=50.0.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s58,c83; Mantle waves: s80,c139; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=5.93±.15 Mw=0.70±.18; M₀=6.63±.21; M₁=-1.48±.13; M₂=-1.45±.17; M₃=0.79±.19; Best double couple: NP1:ϕ=3.0000°;δ=2.0000°;λ=1.0000°;NP2:ϕ=156.0000°;δ=51.0000°;λ=107.0000°. Principal axes: T: 6.9930,Plg5.0000°;AzM258.0000°;N: 6.6580,Plg14.0000°;AzM167.0000°;P: -6.3320,Plg76.0000°;AzM7.0000°;M6.66300×10¹⁶

ISCJB Event type se. Error ellipse: s-maj=6.9km s-min=4.6km az=92.3.
 SZGRF Northern Peru.
ISC II 05 01 20 06.0-41 6.36S-05 75.52W-08 35 4.3b,3.5s 42 11-156
 ISCJB II 05 01 20 03.4-41 6.36S-05 75.49W-07 33 4.3b,3.5s **18319109**
 MOS II 05 01 20 04.0-85 6.35S 75.54W 36 4.7b,3.5s
 IDC II 05 01 20 04.9-58 6.27S 75.45W 32-3 4.3L,4.2
 NEIC II 05 01 20 05.6-41 6.33S 75.49W 34 4.5b,4.2
 BJI II 05 01 20 05.6 6.30S 75.50W 34 4.5b,4.2
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=10.3km s-min=5.6km az=127.3.
 MOS Error ellipse: s-maj=41.0km s-min=14.3km az=114.0.
 IDC Error ellipse: s-maj=26.1km s-min=11.5km az=61.0.
 NEIC Event type se. Error ellipse: s-maj=14.3km s-min=7.2km az=63.0.
IDC V 04 12 59 09.0-2.5 7.41S 76.13W 0 3.9b,3.9 19598462
 IDC Error ellipse: s-maj=77.0km s-min=29.6km az=51.0.
ISC V 13 17 13 54.3-2.7 7.51S-06 76.20W-07 32-20 4.1b 28 4-91
 IDC V 13 17 13 48.5-1.1 7.49S 76.47W 0 3.9,3.9L **19131362**
 ISCJB V 13 17 13 52.1-2.6 7.46S-06 76.14W-07 33-20 4.1b,3.9L
 NEIC V 13 17 13 54.5-1.1 7.49S 76.18W 38-12 4.5b,3.9L
 ISC Event type se.
 IDC Error ellipse: s-maj=46.9km s-min=18.5km az=62.0.

ISCJB	Event type se. Error ellipse: s-maj=12.5km s-min=8.3km az=109.4.								
NEIC	Event type se. Error ellipse: s-maj=15.5km s-min=7.9km az=71.0.								
IDC	I 18 05 04 48.2-7.4	5.89S	75.24W	39-62	3.8L,3.6				
IDC	Error ellipse: s-maj=80.1km s-min=27.9km az=37.0.					¶9482620			
IDC	I 05 12 48 34.0-2.1	5.45S	74.85W	0	3.9,3.6b				
IDC	Error ellipse: s-maj=89.8km s-min=31.8km az=45.0.					¶9477885			
IDC	I 20 02 42 45.5-6.0	4.68S	76.07W	160-52	3.7,3.4				
IDC	Error ellipse: s-maj=56.2km s-min=19.5km az=37.0.					¶9484004			
ISC	I 03 16 00 25.5-3.9	5.80S-05	76.2W-10	18-24	4.1b	26	6-152		
ISCJB	I 03 16 00 22.8-3.6	5.82S-05	76.2W-10	14-23	4.1b	¶9477183			
IDC	I 03 16 00 25.9-7.6	5.73S	76.15W	20-4	4.4L,4.2				
NEIC	I 03 16 00 26.1-4.4	5.75S	76.06W	22	4.9b,4.2				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=18.8km s-min=8.0km az=158.6.								
IDC	Error ellipse: s-maj=28.0km s-min=13.8km az=62.0.								
NEIC	Event type se. Error ellipse: s-maj=16.3km s-min=7.9km az=70.0.								
ISC	V 01 21 10 42.8-1.1	6.20S-05	77.14W-07	128-10	4.3b	136	6-161		
ISCJB	V 01 21 10 40.7-1.2	6.18S-05	77.20W-07	125-11	4.5b	¶8321459			
NEIC	V 01 21 10 40.8-8.5	6.16S	77.04W	111-7	4.6b				
BJI	V 01 21 10 40.8	6.20S	77.00W	110	5.5b				
MOS	V 01 21 10 40.4-7.6	6.08S	77.12W	117	4.8b				
IDC	V 01 21 10 43.4-6.7	6.10S	77.18W	132-5	4.5,4.2				
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=12.6km s-min=7.3km az=123.0.								
NEIC	Event type fe. Error ellipse: s-maj=8.0km s-min=5.1km az=60.0. Felt [I] at Chachapoyas.								
MOS	Error ellipse: s-maj=11.5km s-min=9.0km az=90.8.								
IDC	Error ellipse: s-maj=18.1km s-min=9.5km az=59.0.								

(112) Peru-Brazil border region.

ISC	IV 12 07 08 09.6-28	8.09S-04	74.31W-06	160	4.3b	81	5-157		
ISCJB	IV 12 07 08 07.8-28	8.05S-04	74.34W-06	158	4.3b	¶8320361			
IDC	IV 12 07 08 08.9-58	8.01S	74.22W	156-4	4.4,4.0				
BJI	IV 12 07 08 09.0	8.10S	74.30W	158	5.2b,4.0				
NEIC	IV 12 07 08 09.0-24	8.11S	74.27W	158	4.3b,4.0				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=9.1km s-min=4.7km az=122.5.								
IDC	Error ellipse: s-maj=17.4km s-min=9.2km az=63.0.								
NEIC	Event type se. Error ellipse: s-maj=8.9km s-min=4.4km az=68.0.								
IDC	IV 04 21 38 53.2-8.4	6.94S	74.55W	93-98	3.8,3.7L	¶9594257			
IDC	Error ellipse: s-maj=131.7km s-min=37.6km az=29.0.					¶9597598			
IDC	IV 21 01 49 59.8-2.4	7.28S	73.49W	0	3.9b,3.8				
IDC	Error ellipse: s-maj=81.5km s-min=34.6km az=48.0.								
ISC	III 23 04 09 30.9-1.5	8.15S-10	74.3W-20	153-20	3.9b	14	5-78		
ISCJB	III 23 04 09 29.9-1.5	8.12S-10	74.3W-20	164-21	3.9b	¶10608882			
NEIC	III 23 04 09 30.4-1.7	8.15S	74.27W	138-25	3.9b				
IDC	III 23 04 09 39.0-4.1	8.21S	73.00W	178-40	4.2,3.9b				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=27.2km s-min=15.5km az=158.5.								
NEIC	Event type se. Error ellipse: s-maj=25.0km s-min=14.8km az=76.0.								
IDC	Error ellipse: s-maj=35.4km s-min=20.8km az=71.0.								
ISC	III 25 18 15 50.2-2.3	7.73S-09	74.3W-10	109-23	4.0b	21	10-78		
ISCJB	III 25 18 15 49.4-2.1	7.72S-09	74.34W-09	120-22	4.0b	¶10610527			
NEIC	III 25 18 15 49.1-2.4	7.76S	74.43W	106-25	4.2b				
IDC	III 25 18 15 55.6-4.2	7.99S	74.23W	158-39	4.2,3.8b				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=17.6km s-min=11.5km az=98.1.								
NEIC	Event type se. Error ellipse: s-maj=27.4km s-min=13.4km az=72.0.								
IDC	Error ellipse: s-maj=47.1km s-min=24.6km az=57.0.								
IDC	III 13 03 32 32.9-5.2	9.02S	71.09W	582-129	3.8,3.1	¶10602813			
IDC	Error ellipse: s-maj=200.6km s-min=35.2km az=30.0.					¶10605270			
IDC	III 17 09 37 03.4-4.2	8.03S	73.27W	83-40	4.0,3.8b				

IDC	Error ellipse: s-maj=69.2km s-min=29.0km az=52.0.								
ISC	IV 27 13 43 08.2-2.3	8.1S-10	74.3W-20	156-22	3.9b	16	10-140		
ISCJB	IV 27 13 43 07.5-2.2	8.1S-10	74.3W-10	168-21	3.9b	¶9598091			
IDC	IV 27 13 43 07.8-3.7	8.07S	74.21W	154-36	4.1,3.9				
ISCJB	Error ellipse: s-maj=24.3km s-min=12.0km az=111.7.								
IDC	Error ellipse: s-maj=28.8km s-min=15.3km az=48.0.								
ISC	VI 12 04 10 10.6-7.3	8.18S-06	74.20W-05	141-8	3.9b	38	4-138		
ISCJB	VI 12 04 10 09.7-8.2	8.14S-06	74.23W-05	152-9	3.9b	¶9221867			
IDC	VI 12 04 10 09.1-7.7	8.28S	74.33W	153-18	4.1,3.8				
NEIC	VI 12 04 10 13.6-9.9	8.21S	74.08W	176-10	4.1b,3.8				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=12.1km s-min=5.9km az=73.0.								
IDC	Error ellipse: s-maj=20.4km s-min=10.2km az=49.0.								
NEIC	Event type se. Error ellipse: s-maj=12.7km s-min=5.9km az=63.0.								
ISC	VI 07 02 26 03.3-1.4	7.56S-03	73.68W-03	190	4.9b	634	5-170		
MOS	VI 07 02 25 58.6-7.3	7.45S	73.75W	161	5.0b	¶10698814			
CRAAG	VI 07 02 26 00.5	7.57S	73.78W	146	4.9b				
ISCJB	VI 07 02 26 01.3-1.5	7.54S-03	73.77W-03	188	4.9b				
HRVD	VI 07 02 26 02.4-2.0	7.58S	73.89W	197-1	5.2W				
IDC	VI 07 02 26 02.6-4.0	7.55S	73.78W	188-3	5.1,4.7				
NEIC	VI 07 02 26 02.4-1.1	7.59S	73.73W	188	4.9b,4.7				
BJI	VI 07 02 26 02.4	7.60S	73.70W	187	5.2b,4.7				
SZGRF	VI 07 02 26 10.1	7.67S	71.19W	189	5.1b,4.7				
ISC	Event type fe.								
MOS	Error ellipse: s-maj=7.0km s-min=4.8km az=90.2.								
ISCJB	Event type fe. Error ellipse: s-maj=5.0km s-min=2.9km az=61.7.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s56,c81; Mantle waves: s78,c134; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=5.97±15 Mm=1.40±18; Mm=4.57±23; Mm=1.22±14; Mm=4.03±17; Mm=1.75±19; Best double couple: NP1:φ234.00000°; φ45.00000°; λ-61.00000°; NP2:φ15.00000°; φ52.00000°; λ-116.00000°. Principal axes: T 7.36000°; P1g3.0000°; Azm123.0000°; N -0.6130; P1g20.0000°; Azm32.0000°; P -6.7470; P1g70.0000°; Azm223.0000°; M=7.05400×10 ¹⁶								
IDC	Error ellipse: s-maj=11.5km s-min=7.7km az=72.0.								
NEIC	Event type fe. Error ellipse: s-maj=3.7km s-min=2.3km az=44.0. Felt [I] at Contamana and Pucallpa, Peru.								

SZGRF	Western Brazil.								
IDC	I 08 05 50 46.4-11	8.35S	74.14W	276-184	3.8,3.3b	¶9478840			
IDC	Error ellipse: s-maj=258.0km s-min=21.2km az=33.0.					¶9487333			
IDC	I 29 01 10 49.4-1.7	5.90S	73.05W	0	4.0,3.8b				
IDC	Error ellipse: s-maj=61.1km s-min=24.0km az=41.0.								
ISC	I 30 14 08 21.1-1.3	8.04S-08	74.25W-09	157-15	3.9b	19	5-140		
ISCJB	I 30 14 08 19.7-1.3	8.03S-08	74.39W-09	165-15	3.9b	¶9487941			
NEIC	I 30 14 08 20.9-1.7	8.04S	74.32W	165-18	4.4b				
IDC	I 30 14 08 21.4-4.3	8.06S	74.26W	164-40	4.0,3.6				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=16.4km s-min=11.5km az=107.8.								
NEIC	Event type se. Error ellipse: s-maj=19.4km s-min=16.3km az=89.0.								
IDC	Error ellipse: s-maj=36.7km s-min=23.9km az=81.0.								
ISC	V 24 19 52 43.9-4.0	6.18S-06	74.75W-07	29	4.1b,3.4s	29	4-152		
ISCJB	V 24 19 52 41.5-4.0	6.18S-06	74.72W-07	27	4.1b,3.4s	¶9131982			
IDC	V 24 19 52 43.5-7.2	6.13S	74.72W	27-4	4.4L,4.1				
NEIC	V 24 19 52 45.6-1.0	6.24S	74.72W	47-11	4.5b,4.1				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=10.9km s-min=7.3km az=129.6.								
IDC	Error ellipse: s-maj=24.1km s-min=13.0km az=62.0.								
NEIC	Event type se. Error ellipse: s-maj=14.3km s-min=7.6km az=75.0.								
ISC	VI 22 09 27 13.5-8.1	8.07S-07	74.27W-05	120-10	3.9b	21	4-78		
ISCJB	VI 22 09 27 13.0-9.6	8.01S-09	74.31W-07	136-12	3.8b	¶9222429			
IDC	VI 22 09 27 12.7-2.5	7.95S	74.20W	117-28	4.2,4.0				

NEIC	VI 22 09 27 14.6-1.4	8.06S	74.29W	135-16	3.7b,4.0				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=16.6km s-min=7.4km az=65.4.								
IDC	Error ellipse: s-maj=36.9km s-min=11.7km az=38.0.								
NEIC	Event type se. Error ellipse: s-maj=15.3km s-min=11.7km az=222.0.								
IDC	V 30 00 35 08.6-4.3	10.84S	68.36W	0	4.0,3.9L	¶9599576			
IDC	Error ellipse: s-maj=139.3km s-min=41.8km az=107.0.								
ISC	IV 03 03 33 47.6-2.3	8.94S-04	71.20W-06	599	4.1b	116	8-158		
ISCJB	IV 03 03 33 46.4-2.4	8.88S-04	71.29W-06	598	4.1b	¶8228719			
NEIC	IV 03 03 33 47.3-2.1	8.90S	71.20W	594	4.2b				
IDC	IV 03 03 33 47.9-5.2	9.03S	71.33W	610-6	4.5,3.7				
BJI	IV 03 03 33 47.3	8.90S	71.20W	594	4.4b,3.7				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=8.9km s-min=4.5km az=121.4.								
NEIC	Event type se. Error ellipse: s-maj=8.9km s-min=4.5km az=56.0.								
IDC	Error ellipse: s-maj=12.1km s-min=7.0km az=63.0.								
IDC	IV 13 23 51 10.2-6.3	17.28S	74.26W	74-60	3.6L,3.4b	¶9594828			
IDC	Error ellipse: s-maj=50.9km s-min=30.0km az=107.0.								
ISC	III 04 00 17 01.9-1.6	16.1S-10	75.6W-10	47-16	3.8b	15	4-148		
IDC	III 04 00 16 56.3-1.8	15.89S	75.43W	0	4.0,3.9b	¶10596863			
ISCJB	III 04 00 17 00.7-1.7	16.08S-09	75.5W-10	51-16	3.8b,3.9b				
NEIC	III 04 00 17 01.4-7.1	16.01S	75.45W	35	3.5b,3.9b				
ISC	Event type se.								
IDC	Error ellipse: s-maj=54.7km s-min=30.2km az=47.0.								
ISCJB	Event type se. Error ellipse: s-maj=22.2km s-min=9.0km								

LDG	Event type ke. Error ellipse: s-maj=32.2km s-min=18.0km az=33.0.								
ISC	III 16 21 39 42.7-62	16.24S-09	71.8W-10	35	4.3b,3.1s	18	0-147		
ISCJB	III 16 21 39 40.8-61	16.24S-08	71.92W-08	33	4.3b,3.1s			¶10605006	
NEIC	III 16 21 39 40.7-2.9	16.31S	72.00W	25-20	4.2L,3.1s				
IDC	III 16 21 39 48.9-3.1	16.28S	71.75W	97-27	4.2,4.0				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=13.9km s-min=8.5km az=88.4.								
NEIC	Event type fe. Error ellipse: s-maj=25.4km s-min=17.7km az=73.0. Felt [III] at Mollendo and [II] at Arequipa.								
IDC	Error ellipse: s-maj=27.5km s-min=18.5km az=69.0.								
ISC	VI 13 01 47 51.7-90	15.98S-06	73.78W-08	50-10	4.2b,3.3s	29	2-148		
NEIC	VI 13 01 47 51.6-1.1	15.92S	73.77W	52-10	4.1b,3.3s			¶19221903	
ISCJB	VI 13 01 47 55.0-1.1	16.04S-06	73.42W-09	90-12	4.1b,3.3s				
IDC	VI 13 01 47 56.6-2.1	16.10S	73.46W	91-19	4.2,3.9				
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=13.7km s-min=9.6km az=73.0.								
ISCJB	Event type se. Error ellipse: s-maj=15.7km s-min=6.7km az=128.1.								
IDC	Error ellipse: s-maj=24.8km s-min=13.4km az=73.0.								
IDC	IV 11 50 53.1-3.8	15.35S	71.45W	121-32	4.2,4.0b			¶19594647	
IDC	Error ellipse: s-maj=85.2km s-min=31.1km az=15.0.								
ISC	II 02 12 02 00.2-66	16.70S-08	70.65W-06	35	4.1s,3.6b	14	1-149		
ISCJB	II 02 12 01 57.9-77	16.62S-09	70.53W-06	35	4.1s,3.6b			¶18079747	
IDC	II 02 12 02 01.9-5.3	16.75S	70.20W	35-39	4.3,4.2s				
ISCJB	Error ellipse: s-maj=13.6km s-min=7.8km az=37.9.								
IDC	Error ellipse: s-maj=48.6km s-min=24.2km az=113.0.								
ISC	II 02 12 02 14.0-33	16.74S-06	70.26W-08	39	5.1s,4.8b	72	2-170		
NEIC	II 02 12 02 10.4-4.3	17.15S	69.80W	40	4.9b,4.8b			¶19569501	
HRVD	II 02 12 02 10.4-4.0	16.97S	70.60W	64-3	5.3W,4.8b				
BJI	II 02 12 02 10.3	17.20S	69.80W	39	5.3s,5.1b				
ISCJB	II 02 12 02 11.7-32	16.70S-06	70.25W-08	37	5.1s,4.8b				
IDC	II 02 12 02 13.1-3.4	16.73S	70.27W	34-27	5.0L,4.5				
MOS	II 02 12 02 16.1-1.1	15.04S	68.79W	34	5.1b,4.5				
ISC	Event type se.								
NEIC	Event type fe. Error ellipse: s-maj=14.4km s-min=9.7km az=62.0. Felt [III] at Carumas and Moquegua.								
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s36,c59; Mantle waves: s36,c38; Half duration: 1s0 Moment tensor: Scale 10 ¹⁷ Nm; M _r -0.29±0.05 M _θ -0.54±0.06; M _φ 0.83±0.06; M _φ 0.04±0.06; M _φ 0.91±0.05; M _φ 0.13±0.07; Best double couple: NP1:φ:289.00000°; δ22:0.00000°; λ:-177.00000°; NP2:φ:198.00000°; δ22:0.00000°; λ:-8.00000°; Principal axes: T 1.2910,Plg4.0000°; Azm244.0000°; N -0.2860,Plg81.0000°; Azm359.0000°; P -1.0050,Plg8.0000°; Azm153.0000°; M ₀ 1.48000×10 ¹⁷								
ISCJB	Event type fe. Error ellipse: s-maj=12.3km s-min=6.6km az=111.2.								
IDC	Error ellipse: s-maj=21.9km s-min=18.0km az=82.0.								
MOS	Error ellipse: s-maj=31.5km s-min=10.3km az=120.8.								
IDC	II 03 11 19 09.2-3.9	16.91S	70.20W	74-34	4.2L,3.9			¶19569675	
IDC	Error ellipse: s-maj=52.1km s-min=32.7km az=119.0.								
ISC	II 04 08 33 06.0-2.7	16.80S-05	70.57W-05	18-18	4.1b	28	1-156		
ISCJB	II 04 08 33 03.8-1.4	16.77S-06	70.45W-06	21-12	4.1b			¶18447746	
NEIC	II 04 08 33 05.2-1.9	16.72S	70.59W	9-14	4.6b				
IDC	II 04 08 33 10.8-3.1	16.88S	70.32W	62-30	4.4L,4.0				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=10.6km s-min=8.1km az=88.8.								
NEIC	Event type se. Error ellipse: s-maj=14.6km s-min=9.7km az=207.0.								
IDC	Error ellipse: s-maj=35.2km s-min=17.4km az=101.0.								
ISC	II 08 19 39 46.5-1.7	16.88S-05	70.65W-07	11-12	3.9b,3.6s	24	1-149		
NEIC	II 08 19 39 46.8-2.8	16.85S	70.62W	15-18	4.5b,3.6s			¶19570259	
ISCJB	II 08 19 39 47.7-5.5	16.89S-04	70.61W-05	33	3.9b,3.6s				
IDC	II 08 19 39 52.9-2.7	16.95S	70.28W	70-26	3.9,3.9				
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=13.4km s-min=9.6km az=221.0.								
ISCJB	Event type se. Error ellipse: s-maj=7.3km s-min=6.1km az=135.0.								
IDC	Error ellipse: s-maj=30.1km s-min=20.6km az=96.0.								
ISC	II 08 22 29 48.3-1.8	16.90S-05	70.67W-08	14-15	3.9b	20	1-149		
ISCJB	II 08 22 29 46.5-2.8	16.93S-05	70.61W-05	10-19	3.9b			¶19570267	
NEIC	II 08 22 29 46.2-2.7	17.06S	70.70W	6-23	3.9b				
IDC	II 08 22 29 55.9-3.0	17.13S	70.00W	88-27	3.7,3.5				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=9.3km s-min=7.9km az=92.1.								
NEIC	Event type se. Error ellipse: s-maj=19.5km s-min=13.9km az=109.0.								
IDC	Error ellipse: s-maj=42.8km s-min=20.4km az=106.0.								
IDC	II 09 11 07 45.3-4.2	15.98S	72.28W	86-44	3.5,3.5			¶19570311	
IDC	Error ellipse: s-maj=42.4km s-min=32.5km az=161.0.								
ISC	II 20 00 20 22.6-71	15.13S-09	71.82W-09	125-8	3.7b	19	1-147		
ISCJB	II 20 00 20 21.5-72	15.13S-09	71.84W-09	131-8	3.7b			¶19571557	
NEIC	II 20 00 20 23.0-87	15.17S	71.79W	126-9	3.9b				
IDC	II 20 00 20 24.8-3.2	15.19S	71.67W	141-27	4.0,3.6b				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=18.8km s-min=8.5km az=82.5.								
NEIC	Event type se. Error ellipse: s-maj=16.0km s-min=10.8km az=221.0.								
IDC	Error ellipse: s-maj=26.9km s-min=23.5km az=90.0.								
ISC	II 20 23 02 43.2-76	16.98S-06	70.32W-06	67-8	4.2b	45	1-156		
ISCJB	II 20 23 02 41.3-93	16.96S-06	70.38W-06	65-9	4.2b			¶18106466	
NEIC	II 20 23 02 43.3-90	16.88S	70.29W	62-8	4.6b				
BJI	II 20 23 02 43.3	16.90S	70.30W	62	4.6b				
IDC	II 20 23 02 46.4-2.6	16.92S	69.98W	92-22	4.2s,4.2				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=11.2km s-min=7.5km az=94.8.								
NEIC	Event type se. Error ellipse: s-maj=12.2km s-min=6.9km az=50.0. Felt [III] at Carumas.								
IDC	Error ellipse: s-maj=26.7km s-min=21.8km az=46.0.								
IDC	V 02 18 39 38.0-4.4	15.01S	71.65W	172-31	3.7,3.3			¶19598380	
IDC	Error ellipse: s-maj=84.1km s-min=38.0km az=32.0.								
ISC	I 26 04 34 02.8-98	15.45S-10	71.32W-08	160-10	3.7b	18	1-148		
ISCJB	I 26 04 34 01.9-97	15.55S-10	71.37W-09	169-11	3.7b			¶19486153	
NEIC	I 26 04 34 02.6-1.2	15.41S	71.35W	157-12	4.2b				
IDC	I 26 04 34 06.5-3.2	14.63S	70.89W	170-40	3.9,3.5b				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=22.8km s-min=13.4km az=9.3.								
NEIC	Event type se. Error ellipse: s-maj=21.6km s-min=17.5km az=209.0.								
IDC	Error ellipse: s-maj=104.2km s-min=28.6km az=15.0.								
ISC	I 18 06 57 35.7-68	15.25S-10	71.79W-10	149-11	3.5b	10	1-147		
ISCJB	I 18 06 57 34.6-69	15.25S-10	71.79W-09	155-12	3.5b			¶19482642	
NEIC	I 18 06 57 35.7-81	15.11S	71.74W	133-12	4.4b				
IDC	I 18 06 57 37.0-7.5	13.36S	70.45W	87-89	3.9L,3.6				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=26.6km s-min=8.7km az=58.5.								
NEIC	Event type se. Error ellipse: s-maj=29.0km s-min=11.8km az=218.0.								
IDC	Error ellipse: s-maj=136.8km s-min=42.2km az=32.0.								
ISC	I 05 23 16 49.5-24	15.66S-04	73.95W-05	71	4.9b	106	2-165		
ISCJB	I 05 23 16 47.4-25	15.63S-04	73.97W-05	69	4.9b			¶18029815	
NEIC	I 05 23 16 49.2-23	15.64S	73.94W	69	5.1b				
IDC	I 05 23 16 49.7-44	15.63S	74.02W	71-3	4.7,4.5				
HRVD	I 05 23 16 49.2-40	15.75S	73.92W	69	5.0W,4.5				
BJI	I 05 23 16 50.1	15.60S	73.90W	68	5.4s,5.4b				
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=8.6km s-min=4.1km az=111.9.								
NEIC	Event type fe. Error ellipse: s-maj=9.3km s-min=4.6km az=62.0. Felt [III] at Nazca.								
IDC	Error ellipse: s-maj=17.4km s-min=10.3km az=61.0.								
HRVD	Error ellipse: s-maj=4.4km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s22,c26; Mantle waves: s33,c57; Half duration: 1s0 Moment tensor: Scale 10 ¹⁶ Nm; M _r -0.63±0.47 M _θ -0.97±0.31; M _φ 1.61±0.52; M _φ 1.06±0.34; M _φ -0.92±0.27; Best double couple: NP1:φ:167.00000°; δ22:0.00000°; λ:-173.00000°; NP2:φ:329.00000°; δ22:0.00000°; λ:-68.00000°; Principal axes: T 4.0580,Plg38.0000°; Azm141.0000°; N 0.8160,Plg22.0000°; Azm249.0000°; P -4.8690,Plg44.0000°; Azm2.0000°; M ₀ 4.46300×10 ¹⁶								

ISC	I 20 18 39 29.6-86	15.5S-10	70.1W-10	221-9	3.5b	14	2-148		
ISCJB	I 20 18 39 28.6-85	15.5S-10	70.1W-10	228-9	3.5b			¶19484217	
IDC	I 20 18 39 28.9-2.0	15.50S	70.10W	212-18	3.8,3.5				
NEIC	I 20 18 39 28.9-1.0	15.58S	70.13W	214-11	4.4b,3.5				
ISC	Event type se.								

IDC	II	25 03 22 20.1-2.8	16.93S	69.12W	181-12	4.2,3.7			
ISC									
NEIC									
ISCJB									
IDC									
ISC	V	30 05 33 38.8-5.4	17.52S-05	69.30W-05	141-7	3.9b	28	2-87	
ISCJB	V	30 05 33 37.8-5.7	17.51S-05	69.29W-05	146-7	3.9b		19132333	
NEIC	V	30 05 33 39.5-7.2	17.55S	69.37W	153-9	3.8b			
IDC	V	30 05 33 40.6-9.5	17.65S	69.25W	160-7	4.3,3.9b			
ISC									
ISCJB									
NEIC									
IDC									
IDC	V	04 03 35 46.4-3.4	16.71S	69.07W	183-10	4.0,3.6b			
IDC								19598444	
ISC	V	09 08 25 42.4-9.3	17.72S-06	69.0W-10	155-7	3.9b	17	2-88	
NEIC	V	09 08 25 40.4-8.9	17.55S	69.20W	150-12	4.2b		19131060	
ISCJB	V	09 08 25 41.4-9.0	17.70S-06	69.0W-10	162-7	3.9b			
IDC	V	09 08 25 41.5-1.2	17.72S	69.06W	153-8	4.3,3.9b			
ISC									
NEIC									
ISCJB									
IDC									
IDC	V	09 15 02 03.3-7.7	16.69S-08	69.49W-08	182-7	3.7b	20	1-149	
ISCJB	V	09 15 02 02.4-7.7	16.66S-08	69.49W-07	188-7	3.7b		19131079	
NEIC	V	09 15 02 02.9-7.8	16.69S	69.54W	178-8	4.4b			
IDC	V	09 15 02 04.0-1.1	16.73S	69.39W	184-7	4.0,3.6b			
ISC									
ISCJB									
NEIC									
IDC									
IDC	V	12 11 30 12.1-6.6	17.45S-05	69.94W-06	126-7	4.3b	26	2-150	
ISCJB	V	12 11 30 11.4-8.5	17.46S-05	69.85W-09	136-8	4.2b		19131294	
IDC	V	12 11 30 13.9-1.5	17.52S	69.65W	138-10	4.6,4.2			
NEIC	V	12 11 30 14.6-1.1	17.43S	69.66W	144-9	4.3b,4.2			
ISC									
ISCJB									
NEIC									
IDC									
IDC	V	12 11 30 13.9-1.5	17.52S	69.65W	138-10	4.6,4.2			
NEIC	V	12 11 30 14.6-1.1	17.43S	69.66W	144-9	4.3b,4.2			
ISC									
ISCJB									
NEIC									
IDC									
IDC	V	20 07 34 31.3-5.5	17.36S-06	69.36W-06	160-6	3.8b	21	2-87	
ISC	I	20 07 34 30.1-5.5	17.35S-06	69.33W-06	165-6	3.8b		19484051	
NEIC	I	20 07 34 30.8-7.4	17.31S	69.37W	155-10	3.8b			
IDC	I	20 07 34 32.2-1.2	17.41S	69.14W	161-6	4.1,3.7			
ISC									
ISCJB									
NEIC									
IDC									
IDC	V	06 10 01 50.0-5.3	17.97S-04	69.25W-07	157-7	4.0b	24	2-150	
ISC	I	06 10 01 48.8-5.3	17.96S-04	69.23W-07	163-7	4.0b		18446853	
NEIC	I	06 10 01 49.7-8.6	18.00S	69.29W	154-11	4.2b			
IDC	I	06 10 01 50.2-1.3	18.03S	69.02W	150-7	4.3,3.9b			
ISC									
ISCJB									
NEIC									
IDC									
IDC	V	24 19 57 02.9-6.0	17.70S	69.99W	129-39	3.8,3.6			
IDC								19597885	

(120) Central Bolivia.

ISC	IV	20 06 52 06.2-1.1	17.05S-10	65.57W-08	65-16	3.8b	10	3-88	
ISCJB	IV	20 06 52 04.5-1.3	17.05S-10	65.54W-08	64-17	3.9b		19597532	
IDC	IV	20 06 52 06.0-2.2	17.02S	65.60W	64-22	3.8,3.7			
NEIC	IV	20 06 52 05.0-1.0	16.97S	65.72W	55-17	3.8,3.7			
ISC									
ISCJB									
IDC									
IDC	IV	22 12 17 17.2-5.6	18.18S	66.26W	91-35	3.9,3.7			
IDC								19597722	
IDC	III	20 13 46 56.7-2.0	17.46S	66.66W	56-101	3.6,3.5L			
IDC								1910607215	
ISC	III	18 19 44 30.4-6.5	17.07S-09	65.77W-05	10	3.8b,3.3s	18	2-149	
ISCJB	III	18 19 44 28.6-6.2	17.01S-08	65.73W-06	10	3.8b,3.3s		1910606147	
IDC	III	18 19 44 31.3-8.4	16.95S	65.53W	20-4	3.9L,3.9			
NEIC	III	18 19 44 35.0-8.5	17.04S	65.67W	53-10	3.8b,3.9			
ISC									
ISCJB									
IDC									
IDC	III	02 08 13 13.9-4.1	15.30S	65.68W	74-59	3.2,3.1b			
IDC								191059644	
IDC	III	18 15 17 45.1-2.3	18.81S	67.06W	240-14	3.8,3.4			
IDC								1910606028	
IDC	III	18 19 26 52.8-1.2	16.89S	65.45W	22-5	3.7,3.6			
IDC								1910606137	
IDC	IV	29 19 03 27.8-1.9	17.85S-20	65.64W-07	67-23	3.2b	8	3-89	
ISCJB	IV	29 19 03 25.3-2.1	17.95S-20	65.63W-07	54-22	3.4b		19598210	
IDC	IV	29 19 03 32.4-3.4	17.04S	65.61W	68-19	3.5,3.4			
ISCJB	IV	29 19 03 30.9-3.4	17.04S	65.61W	68-19	3.5,3.4			
IDC	II	02 08 43 45.1-1.4	18.94S	67.21W	262-69	3.5,3.1b			
IDC								19569492	
IDC	II	22 23 40 01.0-1.0	18.75S-10	67.01W-09	248-10	3.7b	8	3-150	
ISCJB	II	22 23 40 00.1-1.0	18.75S-10	67.04W-09	255-10	3.7b		19579357	
IDC	II	22 23 40 00.8-1.8	18.61S	67.03W	244-11	4.1,3.7			
ISCJB	II	22 23 40 01.0-1.0	18.75S-10	67.04W-09	255-10	3.7b			
IDC	II	24 17 54 23.1-1.2	17.31S	65.08W	0	4.1L,4.0			
IDC								19579625	
IDC	V	10 13 44 23.6-1.0	15.80S	68.27W	170-39	3.5,3.1			
IDC								19598730	
ISC	I	08 02 16 46.8-9.2	18.75S-10	66.88W-08	257-10	3.0b	10	3-136	
ISCJB	I	08 02 16 45.8-9.0	18.75S-10	66.91W-08	265-10	3.0b		19478791	
IDC	I	08 02 16 46.5-1.7	18.60S	66.86W	258-12	3.5,3.0b			
NEIC	I	08 02 16 46.3-8.3	18.67S	67.00W	253-10	3.5,3.0b			
ISC									
ISCJB									
IDC									
IDC	II	29 16 32 01.2-6.1	18.83S-07	67.18W-06	242-8	3.2b	17	3-89	
ISCJB	I	29 16 32 00.4-6.1	18.83S-07	67.19W-06	251-8	3.2b		19487591	
IDC	I	29 16 32 01.7-1.8	18.74S	67.11W	243-13	3.8,3.4			
NEIC	I	29 16 32 01.1-6.1	18.83S	67.23W	241-9	3.9b,3.4			

ISC									
ISCJB									
IDC									
NEIC									
ISC	V	29 03 22 43.4-3.0	18.32S-04	63.25W-05	0-19	4.3b	33	3-77	
ISCJB	V	29 03 22 45.9-2.7	18.31S-05	63.28W-05	30-20	4.2b		19132272	
IDC	V	29 03 22 47.1-5.3	18.37S	63.25W	29-40	4.0b,4.0			
NEIC	V	29 03 22 47.0-5.3	18.41S	63.25W	35	4.4b,4.0			
ISC									
ISCJB									
IDC									
NEIC									

(121) Off coast of northern Chile.

ISC	IV	30 10 31 22.0-1.8	27.00S-03	71.07W-04	31	4.8b,4.7s	167	0-178	
MOS	IV	30 10 31 17.7-1.3	26.90S	71.10W	10	5.0b,4.6s		18321374	
IDC	IV	30 10 31 17.4-5.0	26.91S	71.00W	0	4.6,4.5b			
GUC	IV	30 10 31 19.3-7.3	27.09S	71.26W	22-10	5.1L,4.5b			
ISCJB	IV	30 10 31 20.0-1.8	27.02S-03	71.17W-04	29	4.8b,4.7s			
NEIC	IV	30 10 31 19.3	27.09S	71.26W	22	5.1L,5.0b			
BJJ	IV	30 10 31 19.3	27.52S	71.25W	21	5.3b,5.2s			
HRVD	IV	30 10 31 19.3-3.0	27.10S	71.59W	18-1	5.3W,5.2s			
ISC									
MOS									
IDC									
GUC									
ISCJB									
NEIC									
HRVD									
ISC	IV	19 17 52 24.7-1.3	26.81S-05	71.2W-10	32-7	4.7b	30	0-159	
IDC	IV	19 17 52 19.4-1.2	26.82S	71.22W	0	4.9b,4.9		18320798	
ISCJB	IV	19 17 52 23.3-1.3	26.80S-06	71.17W-10	39-11	4.7b,4.9			
NEIC	IV	19 17 52 23.2-4.7	26.83S	71.27W	27-32	4.6b,4.9			
GUC	IV	19 17 52 27.0-6.0	27.10S	71.20W	21-9	3.1L,4.9			
ISC									
IDC									
ISCJB									
NEIC									
GUC									
IDC	IV	17 17 40 19.5-6.9	24.32S	71.69W	37-4	3.9,2.9L			
GUC								18646112	
ISC	IV	27 13 25 31.6-6.2	26.25S	71.00W	43-2	4.1L,3.8			
NEIC	IV	27 13 25 31.6	26.25S	71.00W	43	3.8,3.8			
GUC								18646668	
ISC	IV	19 17 58 12.0-4.1	26.94S-07	71.4W-20	10-26	4.4b	14	5-151	
ISCJB	IV	19 17 58 09.4-3.7	26.92S-07	71.4W-20	4-24	4.4b		19597508	
IDC	IV	19 17 58 10.7-9.9	27.02S	71.17W	0	4.6b,4.5			
NEIC	IV	19 17 58 16.4-1.4	26.89S	71.14W	38-11	4.0b,4.5			
ISC</									

IDC	II	22 01 02 41.5-4.0	23.58S	71.24W	46-26	4.2b,4.0L			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=26.7km s-min=8.3km az=160.0.								
NEIC	Event type se. Error ellipse: s-maj=24.9km s-min=10.7km az=80.0.								
IDC	Error ellipse: s-maj=67.5km s-min=22.0km az=93.0.								
GUC	II	23 09 43 25.5-84	26.05S	71.06W	36-20	3.9,3.2L			
GUC	Error ellipse: s-maj=8.3km s-min=9.3km az=-1.0.								
IDC	II	28 00 39 55.1-2.5	18.25S	73.30W	0	4.1b,4.0			
IDC	Error ellipse: s-maj=96.8km s-min=34.5km az=1.0.								
IDC	IV	25 22 06 57.9-2.6	26.67S	71.19W	0	4.4b,4.0			
IDC	Error ellipse: s-maj=98.6km s-min=65.3km az=93.0.								
ISC	V	23 02 17 07.3-3.6	20.77S-09	71.7W-10	13-23	3.9b,3.7s	19	3-147	
ISCJB	V	23 02 17 05.3-3.1	20.80S-06	71.68W-10	13-20	3.9b,3.7s			
NEIC	V	23 02 17 10.6-74	20.82S	71.63W	35	3.7b,3.7s			
IDC	V	23 02 17 10.5-5.5	20.81S	71.68W	33-42	4.1L,3.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=16.1km s-min=8.9km az=142.9.								
NEIC	Event type se. Error ellipse: s-maj=16.9km s-min=9.9km az=92.0.								
IDC	Error ellipse: s-maj=34.5km s-min=21.8km az=83.0.								
ISC	V	25 18 01 59.0-98	18.27S-09	71.26W-09	55-9	4.3b,3.6s	32	4-150	
ISCJB	V	25 18 01 56.1-1.3	18.23S-06	71.21W-09	43-12	4.3b,3.6s			
IDC	V	25 18 02 00.7-2.4	18.34S	71.13W	70-21	4.4,4.2			
NEIC	V	25 18 02 00.4-1.3	18.37S	71.19W	69-11	3.9b,4.2			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=15.1km s-min=8.7km az=149.0.								
IDC	Error ellipse: s-maj=21.9km s-min=14.9km az=91.0.								
NEIC	Event type se. Error ellipse: s-maj=14.5km s-min=7.8km az=100.0.								
ISC	V	25 20 12 12.4-2.6	18.40S-09	71.2W-20	81-21	3.6b	9	4-151	
ISCJB	V	25 20 12 11.9-2.7	18.42S-08	71.1W-20	86-22	3.6b			
NEIC	V	25 20 12 13.1-2.1	18.48S	71.06W	86-18	3.7b			
IDC	V	25 20 12 13.1-3.4	18.42S	71.09W	84-28	3.8,3.6			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=34.8km s-min=13.1km az=17.5.								
NEIC	Event type se. Error ellipse: s-maj=30.0km s-min=12.4km az=108.0.								
IDC	Error ellipse: s-maj=37.9km s-min=19.5km az=94.0.								
IDC	V	25 20 45 56.7-1.9	18.39S	71.63W	0	3.9L,3.8			
IDC	Error ellipse: s-maj=39.6km s-min=29.6km az=49.0.								
ISC	V	25 22 17 33.0-1.0	18.34S-06	71.4W-10	65-11	3.6b	14	2-144	
ISCJB	V	25 22 17 31.1-1.1	18.36S-06	71.4W-10	64-12	3.7b			
IDC	V	25 22 17 33.7-3.8	18.36S	71.32W	74-30	3.8,3.7			
NEIC	V	25 22 17 33.1-1.0	18.44S	71.39W	74-11	3.9b,3.7			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=18.5km s-min=7.8km az=135.5.								
IDC	Error ellipse: s-maj=40.6km s-min=20.4km az=92.0.								
NEIC	Event type se. Error ellipse: s-maj=14.3km s-min=9.7km az=53.0.								
ISC	V	25 20 48 05.6-16	18.15S-03	71.15W-04	35	5.4b,5.1s	427	2-179	
ISCJB	V	25 20 48 03.8-17	18.12S-03	71.25W-04	34	5.4b,5.1s			
MOS	V	25 20 48 04.3-96	17.97S	71.25W	33	5.7b,5.0s			
BJI	V	25 20 48 04.2	17.60S	71.14W	23	5.6s,5.4s			
NEIC	V	25 20 48 05.4-14	18.14S	71.16W	35	5.6W,5.5b			
ISC	V	25 20 48 05.5-51	18.14S	71.17W	36-3	5.3L,5.2			
HRVD	V	25 20 48 05.4-10	18.41S	71.91W	44-0	5.5W,5.2			
LDG	V	25 20 48 08.8-28	17.43S	70.92W	50-0	5.4b,5.2s			
GUC	V	25 20 48 10.4-5.8	19.26S	71.92W	0-999	5.6W,5.2s			
SZGRF	V	25 20 48 21.7	15.06S	68.89W	33	5.4b,5.2s			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=6.1km s-min=3.9km az=103.0.								
MOS	Error ellipse: s-maj=8.8km s-min=5.3km az=80.3.								
NEIC	Event type se. Error ellipse: s-maj=4.8km s-min=3.1km az=225.0. Felt [III] at Ilo and Moquegua; [II] at Arequipa, Tacna and Ubinas, Peru. Also felt [II] at Arica, Chile. Moment Tensor Solution. s35 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} 1.86 M _{θθ} 0.11 M _{φφ} 1.97 M _{φθ} 0.17 M _{φθ} 0.87 M _{φθ} -2.41 Best double couple: NP1:φ:179.00000°;δ71.00000°;λ105.00000°; NP2:φ:319.00000°;δ25.00000°;λ53.00000°. Principal axes: T 3.1200,Plg61.0000°,Azml112.0000°; N 0.1600,Plg15.0000°,Azml354.0000°; P -3.2800,Plg24.0000°,Azml257.0000° M ₃₃ 2.00000x10 ¹⁷								
IDC	Error ellipse: s-maj=17.4km s-min=11.5km az=79.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s87,c165; Mantle waves: s90,c174; Half duration: 1s4 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} 1.58; c10 M _{θθ} 1.0; c10; M _{φφ} 1.68; c04; M _{rr} 0.31; c03; M _{θθ} 1.21; c02; M _{φφ} 1.33; c04; Best double couple: NP1:φ:317.00000°;δ30.00000°;λ65.00000°; NP2:φ:165.00000°;δ63.00000°;λ103.00000°. Principal axes: T 2.0620,Plg69.0000°,Azml101.0000°; N 0.6430,Plg12.0000°,Azml339.0000°; P -2.7060,Plg17.0000°,Azml245.0000° M ₂₂ 3.84000x10 ¹⁷								
LDG	Event type ke. Error ellipse: s-maj=21.8km s-min=4.2km az=3.0.								
GUC	Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.								
SZGRF	Central Bolivia.								
GUC	V	10 00 24 07.8-92	24.28S	71.51W	90-0	3.8,3.1L			
NEIC	V	10 00 24 07.8	24.47S	69.29W	90	3.1,3.1L			
GUC	Error ellipse: s-maj=3.9km s-min=8.3km az=-1.0.								
NEIC	Event type se. After GUC.								
IDC	V	02 23 13 39.2-3.0	26.91S	71.62W	0	3.7b,3.6			
IDC	Error ellipse: s-maj=103.6km s-min=30.2km az=76.0.								
ISC	V	29 03 53 27.3-1.2	26.91S-03	71.18W-10	31-7	3.9b,3.5s	35	0-151	
ISCJB	V	29 03 53 23.4-2.1	26.90S-04	71.4W-10	18-14	3.9b,3.5s			
IDC	V	29 03 53 24.4-1.5	26.97S	71.06W	0	4.0,3.9b			
NEIC	V	29 03 53 26.1	26.94S	71.18W	45	3.8b,3.9b			
GUC	V	29 03 53 26.1-52	26.94S	71.18W	45-2	4.5L,3.9b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=18.0km s-min=5.9km az=6.6.								
IDC	Error ellipse: s-maj=50.9km s-min=19.5km az=105.0.								
NEIC	Event type se. After GUC.								
GUC	Error ellipse: s-maj=1.4km s-min=5.1km az=-1.0.								
ISC	V	01 04 26 48.1-1.5	26.90S-03	71.28W-08	16-8	4.4b	39	0-151	
IDC	V	01 04 26 47.5-2.1	26.73S	70.95W	0	4.5b,3.8L			
NEIC	V	01 04 26 47.4-70	26.91S	71.29W	10	4.3L,4.0b			
GUC	V	01 04 26 47.5-99	26.90S	71.31W	35-9	4.3L,4.0b			
ISCJB	V	01 04 26 48.1-1.5	26.88S-03	71.2W-10	31-9	4.4b,4.0b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
GUC	V	01 04 26 48.1-1.5	26.93S	71.13W	38-5	3.9L			
NEIC	V	01 04 26 48.1-1.5	26.93S	71.13W	38	3.9			
GUC	Error ellipse: s-maj=2.5km s-min=10.9km az=-1.0.								
NEIC	Event type se. After GUC.								
ISC	V	04 04 51 42.0-1.5	27.00S-04	71.23W-08	16-7	4.2b,3.5s	22	0-151	
IDC	V	04 04 51 41.3-1.6	27.01S-04	71.3W-10	28-11	4.2b,3.5s			
ISCJB	V	04 04 51 41.1-2.0	26.82S	70.86W	0	4.4b,3.9			
NEIC	V	04 04 51 43.1	27.10S	71.12W	26	4.1L,3.7b			
GUC	V	04 04 51 43.1-72	27.10S	71.12W	26-8	4.1L,4.0			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=17.1km s-min=6.9km az=179.8.								
IDC	Error ellipse: s-maj=54.3km s-min=27.9km az=86.0.								
NEIC	Event type se. After GUC.								
GUC	Error ellipse: s-maj=2.7km s-min=8.7km az=-1.0.								
ISC	V	04 16 34 35.6-67	26.79S	71.03W	31-4	3.9L,3.9			
NEIC	V	04 16 34 35.6	26.79S	71.03W	31	3.9L,3.9			
GUC	Error ellipse: s-maj=1.9km s-min=7.0km az=-1.0.								
NEIC	Event type se. After GUC.								
ISC	V	05 11 50 31.2-2.1	26.95S-06	71.3W-30	39-15	4.2b,4.1s	15	5-151	
IDC	V	05 11 50 28.5-4.1	26.93S-06	71.2W-20	31-28	4.2b,4.1s			
ISCJB	V	05 11 50 31.0-97	26.95S	71.23W	36-5	4.2,4.1b			
NEIC	V	05 11 50 31.1-2.2	26.89S	71.14W	39-16	3.8b,4.1b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=33.9km s-min=9.8km az=166.9.								
IDC	Error ellipse: s-maj=36.9km s-min=22.1km az=93.0.								

NEIC	Event type se. Error ellipse: s-maj=36.3km s-min=10.8km az=93.0.								
ISC	V	04 03 40 30.0-1.1	26.98S-03	71.21W-07	15-7	4.7b,4.3s	95	0-159	
ISCJB	V	04 03 40 29.4-1.3	26.98S-03	71.24W-07	22-9	4.7b,4.3s			
NEIC	V	04 03 40 30.7	26.99S	71.20W	9	4.9L,4.8b			
GUC	V	04 03 40 30.7-1.2	26.99S	71.20W	9-4	4.9L,4.4			
IDC	V	04 03 40 31.9-75	26.90S	71.20W	27-4	4.2b,4.2			
MOS	V	04 03 40 32.2-1.2	26.69S	71.15W	33	5.0b,4.2			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=9.7km s-min=5.0km az=5.7.								
NEIC	Event type se. Felt [III] at Copiapo and [II] at Caldera. After GUC.								
GUC	Error ellipse: s-maj=3.5km s-min=7.5km az=-1.0.								
IDC	Error ellipse: s-maj=26.9km s-min=18.5km az=91.0.								
MOS	Error ellipse: s-maj=16.9km s-min=9.7km az=96.3.								
ISC	V	04 11 03 22.7-1.2	26.98S-03	71.32W-06	20-6	4.2b,3.9s	40	0-159	
ISCJB	V	04 11 03 21.7-1.1	26.99S-03	71.34W-07	27-7	4.2b,3.9s			
NEIC	V	04 11 03 22.5	27.08S	71.32W	26	4.7L,4.5b			
GUC	V	04 11 03 22.5-92	27.08S	71.32W	26-12	4.7L,4.5b			
IDC	V	04 11 03 26.2-91	26.92S	70.94W	30-5	4.0,3.9L			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=10.2km s-min=5.0km az=15.4.								
NEIC	Event type se. After GUC.								
GUC	Error ellipse: s-maj=4.3km s-min=8.4km az=-1.0.								
IDC	Error ellipse: s-maj=34.9km s-min=24.7km az=63.0.								
ISC	V	13 09 42 51.5-3.0	18.34S-04	71.19W-08	5-18	4.5b,4.3s	70	4-167	
ISCJB	V	13 09 42 50.6-2.3	18.35S-05	71.22W-08	15-17	4.5b,4.3s			
IDC	V	13 09 42 50.3-65	18.26S	71.17W	10	4.6,4.5b			
MOS	V	13 09 42 51.0-1.2	18.28S	71.16W	10	4.8b,4.5b			
GUC	V	13 09 42 56.9-30	18.97S	71.65W	202-64	4.8b,4.5b			
BJI	V	13 09 42 58.3	18.50S	71.30W	63	4.9s,4.9b			
NEIC	V	13 09 42 58.3-35	18.53S	71.26W	64	4.6b,4.9b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=13.4km s-min=7.0km az=143.6.								
IDC	Error ellipse: s-maj=25.8km s-min=14.4km az=64.0.								
MOS	Error ellipse: s-maj=24.3km s-min=13.1km az=123.7.								
GUC	Error ellipse: s-maj=14.6km s-min=24.4km az=-1.0.								
NEIC	Event type se. Error ellipse: s-maj=11.4km s-min=6.4km az=61.0.								
IDC	V	13 09 53 25.7-3.7	18.57S	71.29W	85-30	3.8,3.6			

HRVD	Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s25,c30; Mantle waves: s46,c61; Half duration: 0 Moment tensor: Scale 1016 Nm; M ₂ 44±19 M ₀ 12±10; M ₁ 2.56±14; M ₂ 13±14; M ₃ 0.07±0.07; M ₄ 2.48±21; Best double couple: NP1:φ ₁ 360.0000°; δ23.0000°; λ92.0000°; NP2:φ ₁ 177.0000°; δ67.0000°; λ89.0000°; Principal axes: T 3.4640,Plg68.0000°; Azm86.0000°; N 0.1160,Plg1.0000°; Azm178.0000°; P -3.5850,Plg22.0000°; Azm268.0000°; M ₃ 5.2400×10 ¹⁶				
MOS	Error ellipse: s-maj=18.3km s-min=9.2km az=93.8.				
ISC	IV 25 07 24 14.6-22 27.13S-02 71.07W-04 34 4.5b,4.1s 111 0-174				
IDC	IV 25 07 24 09.3-64 26.97S 71.23W 0 4.4b,4.4				18321140
MOS	IV 25 07 24 09.2-13 27.00S 71.11W 10 4.7b,4.4				
ISCJB	IV 25 07 24 12.7-22 27.13S-02 71.13W-04 32 4.5b,4.1s				
GUC	IV 25 07 24 12.4-71 27.15S 71.09W 38-4 4.8L,4.6				
HRVD	IV 25 07 24 14.3-60 27.13S 71.50W 23-2 4.8W,4.6				
NEIC	IV 25 07 24 14.3-25 27.04S 70.96W 32 4.8L,4.6b				
BJI	IV 25 07 24 17.2 27.00S 71.00W 32 5.3s,5.2s				
ISC	Event type se.				
IDC	Error ellipse: s-maj=23.9km s-min=19.1km az=71.0.				
MOS	Error ellipse: s-maj=18.2km s-min=9.1km az=95.2.				
ISCJB	Event type se. Error ellipse: s-maj=5.2km s-min=3.2km az=165.1.				
GUC	Error ellipse: s-maj=2.6km s-min=7.8km az=-1.0.				
HRVD	Error ellipse: s-maj=5.6km s-min=6.7km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s5,c5; Mantle waves: s29,c35; Half duration: 0 Moment tensor: Scale 1016 Nm; M ₁ 80±27 M ₀ 0.05±12; M ₂ 1.85±20; M ₃ 0.18±16; M ₄ 0.50±0.09; M ₅ 1.11±22; Best double couple: NP1:φ ₁ 333.0000°; δ32.0000°; λ69.0000°; NP2:φ ₁ 178.0000°; δ61.0000°; λ103.0000°; Principal axes: T 2.1580,Plg71.0000°; Azm118.0000°; N 0.0840,Plg11.0000°; Azm352.0000°; P -2.2430,Plg15.0000°; Azm259.0000°; M ₂ 2.0000×10 ¹⁶				
NEIC	Event type se. Error ellipse: s-maj=9.2km s-min=5.0km az=75.0.				
ISC	IV 30 19 17 15.7-13 27.10S-02 71.24W-03 14 6.5s,5.9b 497 0-178				
GUC	IV 30 19 17 12.2-67 27.10S 71.40W 6-3 6.3L,5.9b				110698202
ISCJB	IV 30 19 17 13.9-13 27.10S-02 71.27W-04 13 6.5s,5.9b				
MOS	IV 30 19 17 13.7-14 26.81S 71.04W 10 6.5s,6.4b				
IDC	IV 30 19 17 13.2-39 27.13S 70.67W 0 6.5s,6.5				
NEIC	IV 30 19 17 15.0-15 27.02S 71.02W 12 6.7W,6.5				
LDG	IV 30 19 17 15.6-28 26.07S 71.10W 10-6 6.5s,5.8b				
CRAAG	IV 30 19 17 15.7 27.02S 71.14W 10 6.7W,5.8b				
IGIL	IV 30 19 17 15.3 26.93S 70.86W 10 6.9s,5.8b				
HRVD	IV 30 19 17 17.2-10 27.17S 71.52W 15-6 6.6W,5.8b				
BJI	IV 30 19 17 18.9 26.61S 70.97W 26 6.7s,6.7s				
ISC	Event type fe.				
GUC	Error ellipse: s-maj=2.2km s-min=3.8km az=-1.0.				
ISCJB	Event type fe. Error ellipse: s-maj=4.6km s-min=2.9km az=151.6.				
MOS	Error ellipse: s-maj=10.2km s-min=5.7km az=95.7.				
IDC	Error ellipse: s-maj=18.4km s-min=14.3km az=91.0.				
NEIC	Event type fe. Error ellipse: s-maj=6.4km s-min=3.9km az=62.0. Felt [V] at Copiapo; [IV] at Caldera and Chanaral; [III] at Huasco. Felt at Taltal. Also felt at San Juan, Argentina. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M ₁ 1.00000×10 ¹⁹ Moment Tensor Solution. s22 Moment tensor: Scale 1019Nm; M ₁ 0.46±0.05 M ₂ 0.51 M ₃ 0.01 M ₄ 0.14 M ₅ 1.56; Best double couple: NP1:φ ₁ 180.0000°; δ81.0000°; λ95.0000°; NP2:φ ₁ 331.0000°; δ10.0000°; λ61.0000°; Principal axes: T 1.6200,Plg53.0000°; Azm96.0000°; N 0.0500,Plg5.0000°; Azm359.0000°; P -1.6600,Plg36.0000°; Azm266.0000°; M ₁ 1.00000×10 ¹⁹ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ ₁ 68.0000°; δ44.0000°; λ150.0000°; NP2: φ ₁ 180.0000°; δ70.0000°; λ50.0000°; Principal axes: T Plg49.0000°; Azm47.0000°; N Plg0.0000°; Azm0.0000°; P Plg15.0000°; Azm298.0000°				
LDG	Event type ke. Error ellipse: s-maj=25.6km s-min=16.3km az=139.0.				
HRVD	Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s108,c261; Mantle waves: s107,c482; Half duration: 499 Moment tensor: Scale 1019Nm; M ₁ 0.46±0.05 M ₂ 0.03±0.00; M ₃ 0.48±0.00; M ₄ 0.10±0.01; M ₅ 0.02±0.00; M ₆ 0.89±0.02; Best double couple: NP1:φ ₁ 11.0000°; δ14.0000°; λ106.0000°; NP2: φ ₁ 175.0000°; δ76.0000°; λ86.0000°; Principal axes: T 0.9970,Plg59.0000°; Azm79.0000°; N 0.0240,Plg4.0000°; Azm176.0000°; P -1.0210,Plg31.0000°; Azm268.0000°; M ₁ 1.00900×10 ¹⁹				
ISC	IV 30 19 26 17.1-2.5 27.03S-04 71.01W-07 28-6 6.1s,5.0b 143 5-178				
MOS	IV 30 19 26 12.9-95 27.00S 71.08W 10 5.4b,5.0b				18321394
ISCJB	IV 30 19 26 12.8-22 27.02S-04 71.06W-06 10 6.1s,5.0b				
IDC	IV 30 19 26 12.0-50 27.03S 71.08W 0 4.8b,4.8				
LDG	IV 30 19 26 14.8-56 26.29S 71.23W 10-0 5.2b,4.8				
BJI	IV 30 19 26 14.2 27.00S 71.00W 10 6.4s,6.1b				
NEIC	IV 30 19 26 14.3-17 27.02S 71.03W 10 5.2b,6.1b				
ISC	Event type ke.				
MOS	Error ellipse: s-maj=13.0km s-min=7.8km az=86.0.				
ISCJB	Event type ke. Error ellipse: s-maj=8.7km s-min=5.0km az=132.4.				
IDC	Error ellipse: s-maj=23.2km s-min=14.6km az=86.0.				
LDG	Event type ke. Error ellipse: s-maj=40.1km s-min=28.4km az=9.0.				
NEIC	Event type se. Error ellipse: s-maj=6.9km s-min=4.6km az=68.0.				
ISC	IV 30 20 09 29.7-90 27.12S-03 71.13W-07 28-6 6.3s,5.1b 163 0-178				
MOS	IV 30 20 09 25.9-1.0 27.03S 71.24W 10 5.4b,5.1b				18321400
GUC	IV 30 20 09 27.3-1.1 27.07S 71.14W 48-9 5.5L,5.1b				
NEIC	IV 30 20 09 27.3 27.07S 71.14W 48 5.2b,5.1b				
ISCJB	IV 30 20 09 28.2-93 27.13S-03 71.20W-07 30-6 6.3s,5.1b				
IDC	IV 30 20 09 30.4-4.7 27.06S 71.16W 33-34 5.3L,4.8				
BJI	IV 30 20 09 33.3 27.10S 71.10W 48 6.4s,6.0s				
ISC	Event type fe.				
MOS	Error ellipse: s-maj=12.1km s-min=7.3km az=86.9.				
GUC	Error ellipse: s-maj=2.7km s-min=9.1km az=-1.0.				
NEIC	Event type fe. Felt [IV] at Copiapo. After GUC.				
ISCJB	Event type fe. Error ellipse: s-maj=10.0km s-min=4.6km az=168.2.				
IDC	Error ellipse: s-maj=21.1km s-min=11.8km az=73.0.				
ISC	IV 30 22 55 56.9-26 27.09S-03 70.96W-05 27 5.7s,4.7b 121 0-178				
GUC	IV 30 22 55 52.9-1.1 27.09S 71.18W 30-8 4.9L,4.7b				18321423
NEIC	IV 30 22 55 52.9 27.09S 71.18W 30 4.9L,4.8b				
IDC	IV 30 22 55 52.1-51 27.06S 71.07W 0 4.7,4.7				
MOS	IV 30 22 55 53.5-1.5 26.92S 71.03W 10 5.3b,4.7				
ISCJB	IV 30 22 55 55.0-25 27.11S-03 71.09W-04 26 5.7s,4.7b				
BJI	IV 30 22 55 56.3 26.92S 71.13W 30 5.8s,5.7b				
ISC	Event type se.				
GUC	Error ellipse: s-maj=5.9km s-min=10.7km az=-1.0.				
NEIC	Event type se. After GUC.				
IDC	Error ellipse: s-maj=23.2km s-min=15.6km az=89.0.				
MOS	Error ellipse: s-maj=15.1km s-min=10.8km az=76.7.				
ISCJB	Event type se. Error ellipse: s-maj=5.7km s-min=4.5km az=107.2.				
ISC	IV 30 23 24 06.8-2.2 27.25S-05 71.2W-10 9-12 3.9b 23 0-151				
IDC	IV 30 23 24 05.7-2.1 27.26S 71.00W 0 4.0b,4.0				18646790
ISCJB	IV 30 23 24 07.8-1.6 27.23S-04 71.1W-10 28-7 3.9b,4.0				
GUC	IV 30 23 24 07.8-86 27.31S 71.12W 14-8 4.3L,4.0				
NEIC	IV 30 23 24 07.8 27.31S 71.12W 14 4.3L,4.0				
ISC	Event type se.				
IDC	Error ellipse: s-maj=69.9km s-min=31.6km az=103.0.				
ISCJB	Event type se. Error ellipse: s-maj=18.6km s-min=6.9km az=176.2.				
GUC	Error ellipse: s-maj=2.1km s-min=5.9km az=-1.0.				
NEIC	Event type se. After GUC.				
ISC	IV 19 19 04 35.4-1.1 27.04S-04 71.23W-07 10 4.0b 19 0-151				
IDC	IV 19 19 04 31.0-3.8 28.68S 70.93W 0 4.1b,4.0				18646182
ISCJB	IV 19 19 04 34.4-1.1 27.04S-05 71.27W-07 10 4.0b,4.0				
GUC	IV 19 19 04 35.7-55 27.09S 71.21W 16-5 4.0L,3.8				
NEIC	IV 19 19 04 35.7 27.09S 71.21W 16 4.0L,3.8				
ISC	Event type se.				
IDC	Error ellipse: s-maj=136.1km s-min=66.6km az=88.0.				
ISCJB	Event type se. Error ellipse: s-maj=9.8km s-min=5.7km az=46.7.				
GUC	Error ellipse: s-maj=1.5km s-min=3.1km az=-1.0.				
NEIC	Event type se. After GUC.				
ISC	IV 30 20 12 17.7-21 27.12S-03 71.14W-04 21 5.7s,5.1b 158 0-178				
MOS	IV 30 20 12 17.5-1.0 26.85S 71.17W 10 5.4b,5.1b				18321401
CSEM	IV 30 20 12 17.9 26.80S 70.85W 10 5.5b,5.1b				
ISCJB	IV 30 20 12 17.9-20 27.09S-03 71.24W-04 20 5.7s,5.1b				

BJI	IV 30 20 12 19.3 27.30S 71.20W 19 6.1s,6.0s				
HRVD	IV 30 20 12 19.0-40 27.28S 71.76W 22-2 5.7W,6.0s				
NEIC	IV 30 20 12 19.0 27.28S 71.24W 20 5.6L,5.2b				
GUC	IV 30 20 12 19.2-1.2 27.28S 71.24W 20-11 5.6L,5.2b				
LDG	IV 30 20 12 19.8-28 26.15S 71.07W 10-0 5.3b,5.2b				
IDC	IV 30 20 12 21.3-64 27.04S 71.18W 31-4 5.1s,5.1				
ISC	Event type fe.				
MOS	Error ellipse: s-maj=13.4km s-min=8.4km az=78.7.				
ISCJB	Event type fe. Error ellipse: s-maj=5.2km s-min=3.5km az=130.6.				
HRVD	Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s13,c16; Mantle waves: s60,c99; Half duration: 157 Moment tensor: Scale 1017Nm; M ₁ 2.78±27 M ₀ 0.09±13; M ₂ 2.86±18; M ₃ 0.41±25; M ₄ 0.05±0.09; M ₅ 2.82±33; Best double couple: NP1:φ ₁ 4.0000°; δ23.0000°; λ100.0000°; NP2:φ ₁ 174.0000°; δ68.0000°; λ86.0000°; Principal axes: T 3.9820,Plg67.0000°; Azm76.0000°; N 0.0660,Plg4.0000°; Azm175.0000°; P -4.0390,Plg23.0000°; Azm267.0000°; M ₄ 0.1000×10 ¹⁷				
NEIC	Event type fe. Felt [III] at Copiapo. After GUC.				
GUC	Error ellipse: s-maj=3.4km s-min=13.9km az=85.0.				
IDC	Event type ke. Error ellipse: s-maj=30.9km s-min=15.7km az=144.0.				
LDG	Error ellipse: s-maj=19.9km s-min=12.0km az=81.0.				
ISC	IV 30 23 04 45.3-19 27.24S-03 71.01W-04 31 5.5s,5.2b 217 0-178				
IDC	IV 30 23 04 40.1-48 27.31S 71.12W 0 5.4,5.4s				18321426
MOS	IV 30 23 04 40.7-1.1 27.19S 71.09W 10 5.6b,5.4s				
NEIC	IV 30 23 04 41.0 27.23S 71.20W 37 5.5s,5.3L				
GUC	IV 30 23 04 41.1-1.0 27.23S 71.20W 37-7 5.3L,5.3L				
HRVD	IV 30 23 04 41.0-30 27.42S 71.61W 22-1 5.8W,5.3L				
CSEM	IV 30 23 04 43.7 27.14S 70.83W 30 5.5b,5.3L				
LDG	IV 30 23 04 43.1-26 26.35S 71.15W 10-0 5.4s,5.3b				
ISCJB	IV 30 23 04 43.3-19 27.25S-02 71.10W-04 30 5.5s,5.2b				
BJI	IV 30 23 04 45.1 27.13S 71.54W 37 5.9s,5.9b				
ISC	Event type fe.				
IDC	Error ellipse: s-maj=23.5km s-min=13.9km az=85.0.				
MOS	Error ellipse: s-maj=11.7km s-min=7.0km az=88.0.				
NEIC	Event type fe. Felt [V] at Copiapo and [IV] at Caldera. After GUC.				
GUC	Error ellipse: s-maj=3.0km s-min=11.7km az=-1.0.				
HRVD	Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s38,c49; Mantle waves: s73,c128; Half duration: 199 Moment tensor: Scale 1017Nm; M ₁ 3.26±20 M ₀ 0.17±10; M ₂ 3.42±14; M ₃ 0.81±18; M ₄ 0.40±0.07; M ₅ 4.63±38; Best double couple: NP1:φ ₁ 357.0000°; δ18.0000°; λ96.0000°; NP2:φ ₁ 171.0000°; δ72.0000°; λ88.0000°; Principal axes				

ISCJB	IV	30 22 10 07.7-2.2	27.23S-05	71.2W-20	25-14	4.0b,3.7			
NEIC	IV	30 22 10 08.4	27.30S	71.12W	37	3.7L,3.7			
GUC	IV	30 22 10 08.4-96	27.30S	71.12W	37-19	4.0L,3.7			
ISC	Event type se.								
IDC	Error ellipse: s-maj=84.1km s-min=29.1km az=82.0.								
ISCJB	Event type se. Error ellipse: s-maj=24.3km s-min=7.8km az=161.4.								
NEIC	Event type se. After GUC.								
GUC	Error ellipse: s-maj=7.0km s-min=16.9km az=-1.0.								
ISC	IV	30 22 14 06.2-2.3	27.20S-05	71.3W-10	5-11	4.0b	21	0-151	
NEIC	IV	30 22 14 03.5	27.07S	71.29W	0	4.1L		18646789	
GUC	IV	30 22 14 03.5-1.1	27.07S	71.29W	0-5	4.1L			
ISCJB	IV	30 22 14 04.7-98	27.23S-04	71.34W-08	10	4.1b			
IDC	IV	30 22 14 04.5-1.4	27.16S	71.33W	0	4.1b,4.0			
ISC	Event type se.								
NEIC	Event type se. After GUC.								
GUC	Error ellipse: s-maj=8.8km s-min=8.8km az=-1.0.								
ISCJB	Event type se. Error ellipse: s-maj=9.9km s-min=6.2km az=167.0.								
IDC	Error ellipse: s-maj=45.4km s-min=24.8km az=91.0.								
IDC	IV	30 23 03 00.0-1.8	27.18S	71.43W	0	4.0b,3.8		19598295	
IDC	Error ellipse: s-maj=70.5km s-min=25.4km az=86.0.								
ISC	IV	25 20 05 04.8-2.2	27.04S-04	71.3W-10	17-10	4.4b	28	0-151	
ISCJB	IV	25 20 05 02.3-2.0	27.01S-04	71.4W-10	18-13	4.4b		18646581	
IDC	IV	25 20 05 02.3-1.4	26.91S	71.19W	0	4.4b,4.1			
NEIC	IV	25 20 05 06.0-2.3	26.95S	71.12W	26-13	4.5L,4.1b			
GUC	IV	25 20 05 06.8-59	27.16S	70.88W	38-2	4.5L,4.4			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=18.1km s-min=6.8km az=174.6.								
IDC	Error ellipse: s-maj=42.8km s-min=26.9km az=88.0.								
NEIC	Event type se. Error ellipse: s-maj=31.2km s-min=8.9km az=90.0.								
GUC	Error ellipse: s-maj=2.1km s-min=7.2km az=-1.0.								
NEIC	IV	30 11 01 22.8-71	27.09S	71.21W	12-2	3.6,3.3L			
GUC	IV	30 11 01 22.8	27.09S	71.21W	12	3.3L,3.3L		18646769	
GUC	Error ellipse: s-maj=2.0km s-min=3.9km az=-1.0.								
NEIC	Event type se. After GUC.								
ISC	IV	30 23 42 28.3-58	27.29S	71.22W	35-7	3.5,3.5L			
NEIC	IV	30 23 42 28.3	27.29S	71.22W	35	3.5L,3.5L		18646792	
GUC	Error ellipse: s-maj=3.0km s-min=6.3km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	IV	25 21 29 13.9-48	27.55S	70.65W	44-1	4.0L		18646585	
GUC	Error ellipse: s-maj=1.2km s-min=3.4km az=-1.0.								
GUC	IV	29 05 51 29.8-87	27.25S	71.33W	10-3	3.6,3.6L			
NEIC	IV	29 05 51 29.8	27.25S	71.33W	10	3.6L,3.6L		18646720	
GUC	Error ellipse: s-maj=2.8km s-min=4.7km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	IV	29 09 46 44.3-52	27.27S	71.29W	20-4	3.7,3.7L			
NEIC	IV	29 09 46 44.3	27.27S	71.29W	20	3.7L,3.7L		18646727	
GUC	Error ellipse: s-maj=1.5km s-min=3.4km az=-1.0.								
NEIC	Event type se. After GUC.								
ISC	IV	21 10 22 28.5-87	27.86S	71.16W	48-0	3.5L			
NEIC	IV	21 10 22 28.5	27.86S	71.16W	48	3.5L		18646346	
GUC	Error ellipse: s-maj=1.9km s-min=11.0km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	IV	21 16 27 59.7-87	27.16S	71.21W	15-6	3.7L			
NEIC	IV	21 16 27 59.7	27.16S	71.21W	15	3.7L		18646365	
GUC	Error ellipse: s-maj=2.4km s-min=4.8km az=-1.0.								
NEIC	Event type se. After GUC.								
ISC	IV	28 16 53 06.1-2.4	27.22S-06	71.55W-10	19-13	4.1b	23	1-152	
ISCJB	IV	28 16 53 04.7-3.0	27.24S-07	71.6W-20	27-21	4.1b		18646696	
NEIC	IV	28 16 53 05.3	27.21S	71.57W	39	3.9,3.4b			
GUC	IV	28 16 53 05.3-1.2	27.21S	71.57W	39-15	3.9,3.8L			
IDC	IV	28 16 53 08.4-2.5	27.23S	70.89W	0	4.2b,4.0			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=24.2km s-min=12.0km az=5.6.								
NEIC	Event type se. After GUC.								
GUC	Error ellipse: s-maj=9.6km s-min=12.2km az=-1.0.								
IDC	Error ellipse: s-maj=92.9km s-min=20.8km az=73.0.								
GUC	IV	11 16 50 21.7-49	27.96S	71.00W	55-22	3.5L			
NEIC	IV	11 16 50 21.7	27.96S	71.00W	55	3.5L		18645931	
GUC	Error ellipse: s-maj=2.1km s-min=8.3km az=-1.0.								
NEIC	Event type se. After GUC.								
ISC	IV	30 20 24 18.4-67	27.01S-07	71.2W-10	35	4.3b	19	5-151	
IDC	IV	30 20 24 13.2-1.5	26.98S	71.35W	0	4.2b,4.1		19598286	
NEIC	IV	30 20 24 14.8-64	26.97S	71.25W	10	4.2b,4.1			
ISCJB	IV	30 20 24 15.9-67	27.01S-07	71.3W-10	33	4.3b,4.1			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV	30 20 24 46.5-71	26.86S-06	70.9W-20	35	4.0b	14	5-151	
IDC	IV	30 20 24 41.4-2.9	26.87S	71.04W	0	4.5b,4.0		19598287	
ISCJB	IV	30 20 24 43.8-70	26.85S-06	70.9W-20	33	4.0b,4.0			
NEIC	IV	30 20 24 46.2-1.5	26.87S	70.80W	40-20	3.9b,4.0			
ISC	Event type se.								
IDC	Error ellipse: s-maj=85.1km s-min=29.0km az=83.0.								
ISCJB	Event type se. Error ellipse: s-maj=20.1km s-min=7.0km az=152.8.								
NEIC	Event type se. Error ellipse: s-maj=26.8km s-min=9.8km az=93.0.								
ISC	IV	30 20 48 47.8-1.4	27.12S-03	71.28W-07	5-8	4.1b	45	0-159	
NEIC	IV	30 20 48 49.6	27.18S	71.16W	13	4.4L,4.1b		18321404	
GUC	IV	30 20 48 49.6-84	27.18S	71.16W	13-3	4.4L,4.1b			
ISCJB	IV	30 20 48 50.1-92	27.02S-04	71.07W-09	32-5	4.1b,4.1b			
IDC	IV	30 20 48 50.7-78	27.00S	71.07W	24-5	4.1b,4.1			
ISC	Event type se.								
NEIC	Event type se. After GUC.								
GUC	Error ellipse: s-maj=2.3km s-min=4.7km az=-1.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.2km s-min=5.4km az=152.0.								
IDC	Error ellipse: s-maj=25.0km s-min=17.0km az=85.0.								
ISC	IV	30 21 38 02.2-2.8	27.07S-06	71.4W-10	29-22	4.3b	26	5-151	
ISCJB	IV	30 21 37 58.6-2.9	27.05S-05	71.3W-10	17-22	4.3b		19598290	
NEIC	IV	30 21 38 01.3-2.6	27.03S	71.31W	23-20	4.3b			
IDC	IV	30 21 38 02.3-8.8	27.09S	71.39W	30-58	4.2,4.1b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=19.3km s-min=7.6km az=149.1.								
NEIC	Event type se. Error ellipse: s-maj=16.2km s-min=7.4km az=82.0.								
IDC	Error ellipse: s-maj=55.1km s-min=24.0km az=92.0.								
GUC	IV	21 22 43 54.1-60	27.09S	71.18W	28-6	3.8,3.7L			
NEIC	IV	21 22 43 54.1	27.09S	71.18W	28	3.7L,3.7L		18646379	
GUC	Error ellipse: s-maj=2.4km s-min=6.5km az=-1.0.								
NEIC	Event type se. After GUC.								
ISC	IV	22 05 19 29.7-1.5	27.01S-04	71.19W-08	19-7	4.3b,3.7s	28	0-151	
IDC	IV	22 05 19 26.2-1.1	26.89S	71.28W	0	4.3b,4.2		18646401	
ISCJB	IV	22 05 19 29.5-1.5	26.99S-04	71.2W-10	30-8	4.3b,3.7s			
GUC	IV	22 05 19 29.2-93	27.10S	71.22W	15-9	4.5L,3.7s			
NEIC	IV	22 05 19 29.2	27.10S	71.22W	15	4.7b,4.5L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=33.8km s-min=22.4km az=89.0.								
ISCJB	Event type se. Error ellipse: s-maj=18.5km s-min=7.3km az=3.2.								
GUC	Error ellipse: s-maj=2.7km s-min=6.1km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	III	09 10 42 54.3-1.0	26.38S	70.75W	35-7	3.8,3.0L		10600190	
GUC	Error ellipse: s-maj=4.8km s-min=11.9km az=-1.0.								
GUC	III	10 12 32 42.5-1.0	25.24S	70.59W	41-3	4.1,3.3L		10601126	
GUC	Error ellipse: s-maj=3.1km s-min=30.2km az=-1.0.								
GUC	III	17 10 29 44.9-90	24.90S	70.26W	55-0	3.8,3.5L			
NEIC	III	17 10 29 44.9	24.90S	70.26W	55	3.8,3.5L		10605308	
GUC	Error ellipse: s-maj=2.5km s-min=23.0km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	III	04 09 12 15.6-96	25.42S	70.76W	50-73	3.9,2.5L		10597091	

GUC	Error ellipse: s-maj=2.5km s-min=30.2km az=-1.0.								
GUC	III	08 00 51 07.0-1.5	27.87S	71.13W	46-19	3.5L			
NEIC	III	08 00 51 07.0	27.87S	71.13W	46	3.5L		10599368	
GUC	Error ellipse: s-maj=10.0km s-min=16.1km az=-1.0.								
NEIC	Event type se. After GUC.								
IDC	III	03 13 47 13.9-3.6	20.75S	70.37W	97-28	3.9,3.7b			
IDC	Error ellipse: s-maj=50.8km s-min=23.6km az=103.0.								
IDC	III	17 08 53 29.6-2.8	19.92S	70.91W	0	3.7,3.6b		10605244	
IDC	Error ellipse: s-maj=79.8km s-min=44.4km az=171.0.								
GUC	III	22 15 46 30.8-1.1	27.14S	70.07W	75-11	3.9L		10608559	
GUC	Error ellipse: s-maj=5.7km s-min=12.2km az=-1.0.								
ISC	VI	09 18 00 28.7-1.5	19.46S-06	70.3W-10	94-14	3.9b	28	3-152	
NEIC	VI	09 18 00 26.0-1.3	19.52S	70.33W	72-12	4.4b		19221681	
ISCJB	VI	09 18 00 27.3-1.6	19.47S-06	70.3W-10	97-16	3.9b			
IDC	VI	09 18 00 28.7-2.6	19.44S	70.24W	94-22	4.1,3.9			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=17.7km s-min=9.0km az=88.0.								
ISCJB	Event type se. Error ellipse: s-maj=19.4km s-min=9.5km az=15.7.								
IDC	Error ellipse: s-maj=26.1km s-min=20.4km az=93.0.								
ISC	VI	10 19 38 56.3-29	19.38S-05	70.07W-08	76	4.3b	63	3-167	
ISCJB	VI	10 19 38 54.3-29	19.34S-05	70.03W-07	74	4.3b		18474797	
NEIC	VI	10 19 38 55.9	19.40S	70.00W	73	5.0s,4.9b			
NEIC	VI	10 19 38 56.0-31	19.37S	70.05W	74	4.4b,4.9b			
IDC	VI	10 19 38 57.4-1.9	19.47S	70.05W	86-18	4.3,4.1			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=10.9km s-min=4.9km az=128.6.								
NEIC	Event type se. Error ellipse: s-maj=10.7km s-min=6.1km az=58.0. Felt [IV] at Huará; [III] at Alto Hospicio, Arica, Camina, Cuya, Iquique, Maimaca, Pica and Pisagua; [II] at Pozo Almonte.								
IDC	Error ellipse: s-maj=20.7km s-min=12.6km az=92.0.								
ISC	VI	15 14 29 01.8-1.9	27.03S-04	71.2W-10	23-11	4.0b	28	0-151	
IDC	VI	15 14 28 59.3-1.5	27.03S	70.9W	0	4.1b,3.9		18650528	
NEIC	VI	15 14 29 00.9	27.09S	71.22W	21	4.4L,3.9			
GUC	VI	15 14 29 00.9-86	27.09S	71.22W	21-13	4.4L,3.9			
ISCJB	VI	15 14 29 01.1-1.7	27.00S-04	71.2W-10	32-9	4.0b,3.9			
ISC	Event type se.								
NEIC	Event type se. After GUC.								
ISCJB	Event type se.								
ISC	VI	23 20 56 02.8-17	24.65S-03	70.66W-04	28	5.0b,4.1s	187	0-172	
LDG	VI	23 20 56 00.1-64	23.70S	70.90W	10-0	5.1b,4.0s		18495872	
ISCJB	VI	23 20 56 01.0-17	24.64S-03	70.67W-05	27	5.0b,4.1s			
GUC	VI	23 20 56 01.6-81	24.63S	70.15W	50-0	4.7L,4.1s			
NEIC	VI	23 20 56 02.2-19	24.60S	70.77W	27	5.0b,4.7L			
HRVD	VI	23 20 56 02.2-60	24.59S	71.27W	34-1	4.9W,4.7L			
BJI	VI	23 20 56 03.2	24.60S	70.80W	27	5.3b,5.2s			
IDC	VI	23 20 56 03.5-4.1	24.53S	70.71W	33-29	4.7b,4.7			
ISC	Event type se.								
LDG	Event type se. Error ellipse: s-maj=51.6km s-min=36.9km az=102.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.1km s-min=3.7km az=159.3.								
GUC	Error ellipse: s-maj=2.1km s-min=9.6km az=-1.0.								
NEIC	Event type se. Error ellipse: s-maj=7.2km s-min=5.1km az=86.0.								
HRVD	Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s18,c20; Mantle waves: s42,c59; Half duration: 0 Moment tensor: Scale 10 ¹⁶ N; M ₀								

ISC	II	10 03 33 07.6-1.1	20.27S-07	70.3W-20	48-14	3.9b	12	3-145	
ISCJB		10 03 33 09.9-1.2	20.24S-07	70.2W-20	50-15	3.9b			
NEIC	II	10 03 33 06.9-1.3	20.41S	70.32W	49-14	3.9b		19570364	
IDC	II	10 03 33 07.2-4.5	20.23S	70.24W	44-39	4.8L,4.0			
ISC		Event type se.							
ISCJB		Error ellipse: s-maj=25.4km s-min=8.2km az=139.7.							
NEIC		Event type se. Error ellipse: s-maj=23.7km s-min=11.1km az=72.0.							
IDC		Error ellipse: s-maj=47.1km s-min=24.3km az=98.0.							
ISC	II	12 11 46 57.7-95	21.65S-07	70.0W-10	68-15	3.6b	16	1-146	
ISCJB	II	12 11 46 57.4-99	21.51S-06	69.9W-10	76-13	3.6b		19570592	
NEIC	II	12 11 46 57.6-1.3	21.62S	70.02W	58-15	3.7b			
IDC	II	12 11 47 01.7-2.3	21.71S	69.69W	91-17	3.8,3.6b			
ISC		Event type se.							
ISCJB		Error ellipse: s-maj=22.9km s-min=7.9km az=146.3.							
NEIC		Event type se. Error ellipse: s-maj=25.0km s-min=12.4km az=85.0.							
IDC		Error ellipse: s-maj=39.3km s-min=19.0km az=94.0.							
GUC	II	15 08 45 26.3-70	26.67S	70.70W	39-7	4.0,3.5L		19778621	
GUC		Error ellipse: s-maj=2.1km s-min=6.7km az=-1.0.							
GUC	II	16 19 07 58.2-1.1	24.16S	70.50W	15-18	3.6,2.7L		19778665	
GUC		Error ellipse: s-maj=3.1km s-min=12.2km az=-1.0.							
IDC	IV	22 07 32 47.1-3.6	20.07S	70.80W	0	3.5b,3.5		19597710	
IDC		Error ellipse: s-maj=146.6km s-min=63.3km az=138.0.							
GUC	II	28 17 01 37.7-1.9	26.78S	70.95W	25-19	4.0,3.7L		19778945	
GUC		Error ellipse: s-maj=5.2km s-min=21.7km az=-1.0.							
GUC	II	28 17 28 59.6-1.0	26.71S	70.96W	26-12	3.9,3.2L		19778946	
GUC		Error ellipse: s-maj=6.0km s-min=9.8km az=-1.0.							
GUC	V	21 07 36 29.9-69	27.63S	70.71W	36-5	3.6L		18647979	
NEIC	V	21 07 36 29.9	27.63S	70.71W	36	3.6			
GUC		Error ellipse: s-maj=2.2km s-min=4.9km az=-1.0.							
NEIC		Event type se. After GUC.							
GUC	V	23 02 58 30.1-63	27.25S	71.34W	12-5	3.6L		18648036	
NEIC	V	23 02 58 30.1	27.25S	71.34W	12	3.6L			
GUC		Error ellipse: s-maj=1.9km s-min=4.1km az=-1.0.							
NEIC		Event type se. After GUC.							
GUC	V	23 18 19 11.1-91	27.18S	71.31W	43-10	3.9,3.8L		18648051	
NEIC	V	23 18 19 11.1	27.18S	71.31W	43	3.8,3.8L			
GUC		Error ellipse: s-maj=4.6km s-min=11.0km az=-1.0.							
NEIC		Event type se. After GUC.							
ISC	V	05 08 04 21.2-22	27.26S-02	71.05W-05	34	4.5b,4.4s	111	0-174	
IDC	V	05 08 04 16.2-56	27.24S	71.18W	0	4.5,4.4b		18338463	
ISCJB	V	05 08 04 19.1-23	27.27S-02	71.17W-04	32	4.5b,4.4s			
GUC	V	05 08 04 19.3-1.0	27.27S	71.17W	30-8	4.9L,4.4s			
BJI	V	05 08 04 19.3	27.30S	71.20W	29	5.1b,5.0s			
MOS	V	05 08 04 19.7-1.6	27.19S	70.90W	33	5.0b,5.0s			
NEIC	V	05 08 04 19.3	27.27S	71.17W	30	4.9L,4.7b			
ISC		Event type fe.							
IDC		Error ellipse: s-maj=23.8km s-min=16.6km az=74.0.							
ISCJB		Event type fe. Error ellipse: s-maj=5.5km s-min=3.1km az=173.5.							
GUC		Error ellipse: s-maj=2.4km s-min=8.1km az=-1.0.							
MOS		Error ellipse: s-maj=17.8km s-min=9.3km az=91.9.							
NEIC		Event type fe. Felt [IV] at Copiapo and [II] at Caldera. After GUC.							
GUC	V	25 15 39 20.2-50	27.27S	71.27W	30-6	4.1L,4.1			
NEIC	V	25 15 39 20.2	27.27S	71.27W	30	4.1L,4.1		18648167	
GUC		Error ellipse: s-maj=2.7km s-min=5.6km az=-1.0.							
NEIC		Event type se. After GUC.							
GUC	V	25 18 17 15.4-2.4	27.09S	71.15W	17-17	4.1,4.0L		18648170	
NEIC	V	25 18 17 15.4	27.09S	71.15W	17	4.0L,4.0L			
GUC		Error ellipse: s-maj=12.4km s-min=17.4km az=-1.0.							
NEIC		Event type se. After GUC.							
GUC	V	04 10 01 30.2-84	27.29S	71.13W	34-8	3.7,3.2L		18647505	
NEIC	V	04 10 01 30.2	27.29S	71.13W	34	3.2L,3.2L			
GUC		Error ellipse: s-maj=4.1km s-min=9.3km az=-1.0.							
NEIC		Event type se. After GUC.							
ISC	V	01 02 49 42.2-18	27.20S-02	70.91W-04	32	5.2s,4.8b	189	0-178	
IDC	V	01 02 49 36.1-51	27.10S	71.08W	0	5.1s,5.1		18338270	
GUC	V	01 02 49 37.7-68	27.04S	71.09W	47-3	5.0L,5.1			
BJI	V	01 02 49 39.5	27.28S	71.97W	23	5.4b,5.3s			
HRVD	V	01 02 49 40.8-30	27.34S	71.61W	23-1	5.4W,5.3s			
NEIC	V	01 02 49 40.8-84	27.22S	70.95W	24-5	5.0L,5.0b			
ISCJB	V	01 02 49 40.3-18	27.18S-02	70.98W-04	30	5.2s,4.8b			
MOS	V	01 02 49 41.3-1.4	27.08S	70.93W	33	5.2b,4.8b			
ISC		Event type se.							
IDC		Error ellipse: s-maj=23.1km s-min=14.4km az=80.0.							
GUC		Error ellipse: s-maj=2.9km s-min=7.1km az=-1.0.							
HRVD		Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s39,c48; Mantle waves: s65,c95; Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; Mr:2.40±0.14±0.07; M ₀ :0.05±0.04; M ₀ :1.16±0.05; M ₀ :0.43±0.06; M ₀ :0.15±0.03; M ₀ :1.20±0.08; Best double couple: NP1:0.339,0.0000; s22:0.0000; λ:108,0.0000; NP2:0.164,0.0000; λ:89,0.0000; λ:83,0.0000; Principal axes: T:1.6950,Plg65.0000; Azm:61.0000; P:0.0400,Plg7.0000; Azm:166.0000; P:-1.7320,Plg24.0000; Azm:259.0000; M:2.57300×10 ¹⁶							
NEIC		Event type se. Error ellipse: s-maj=8.9km s-min=4.7km az=72.0.							
ISCJB		Event type se. Error ellipse: s-maj=5.6km s-min=3.1km az=152.5.							
MOS		Error ellipse: s-maj=14.6km s-min=7.2km az=104.3.							
ISC	V	11 19 07 11.6-1.3	27.48S-03	71.50W-07	12-7	4.3b,4.2s	61	1-160	
ISCJB	V	11 19 07 09.3-1.7	27.47S-03	71.45W-08	7-11	4.3b,4.2s		18647788	
HRVD	V	11 19 07 10.8-50	27.55S	71.90W	18-1	4.9W,4.2s			
GUC	V	11 19 07 10.1-94	27.54S	71.62W	15-7	5.1L,4.2b			
NEIC	V	11 19 07 10.8-2.3	27.48S	71.46W	6-14	5.1L,4.7b			
IDC	V	11 19 07 14.6-6.5	27.39S	71.37W	29-44	4.5L,4.1			
MOS	V	11 19 07 15.9-2.6	28.04S	70.58W	10	4.3b,4.1			
ISC		Event type fe.							
ISCJB		Event type fe. Error ellipse: s-maj=11.3km s-min=4.6km az=176.3.							
HRVD		Error ellipse: s-maj=3.3km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s15,c15; Mantle waves: s47,c53; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:2.40±0.14±0.11; M ₀ :2.25±0.15; M ₀ :0.17±0.27; M ₀ :0.53±0.09; M ₀ :0.94±0.30; Best double couple: NP1:0.339,0.0000; s35:0.0000; λ:77,0.0000; NP2:0.175,0.0000; λ:86,0.0000; λ:99,0.0000; Principal axes: T:2.6100,Plg77.0000; Azm:116.0000; P:-0.0680,Plg8.0000; Azm:350.0000; P:-2.5360,Plg10.0000; Azm:258.0000; M:2.57300×10 ¹⁶							
GUC		Error ellipse: s-maj=3.0km s-min=8.1km az=-1.0.							
NEIC		Event type fe. Error ellipse: s-maj=16.1km s-min=5.9km az=90.0. Felt [III] at Copiapo and [II] at Caldera.							
IDC		Error ellipse: s-maj=31.1km s-min=16.2km az=92.0.							
MOS		Error ellipse: s-maj=22.2km s-min=17.4km az=65.4.							
GUC	V	07 16 14 43.6-89	26.79S	70.92W	35-3	3.5,3.4L		18647687	
NEIC	V	07 16 14 43.6	26.79S	70.92W	35	3.4L,3.4L			
GUC		Error ellipse: s-maj=4.5km s-min=23.4km az=-1.0.							
NEIC		Event type se. After GUC.							
GUC	V	08 02 10 18.9-76	27.11S	71.45W	30-5	3.7,3.3L		18647696	
NEIC	V	08 02 10 18.9	27.11S	71.45W	30	3.3L,3.3L			
GUC		Error ellipse: s-maj=2.0km s-min=7.1km az=-1.0.							
NEIC		Event type se. After GUC.							
GUC	V	08 15 24 01.6-50	27.18S	71.21W	18-4	3.6L,3.6		18647709	
NEIC	V	08 15 24 01.6	27.18S	71.21W	18	3.6L,3.6			
GUC		Error ellipse: s-maj=1.5km s-min=4.3km az=-1.0.							
NEIC		Event type se. After GUC.							
GUC	V	10 12 31 11.8-54	27.22S	71.13W	33-5	3.7,3.2L		18647765	
NEIC	V	10 12 31 11.8	27.22S	71.13W	33	3.2L,3.2L			
GUC		Error ellipse: s-maj=2.3km s-min=9.9km az=-1.0.							
NEIC		Event type se. After GUC.							
GUC	V	04 11 48 33.2-1.1	27.03S	71.25W	8-4	4.0,3.9L		18647507	
NEIC	V	04 11 48 33.2	27.03S	71.25W	8	3.9L,3.9L			
GUC		Error ellipse: s-maj=4.4km s-min=8.2km az=-1.0.							

NEIC		Event type se. After GUC.							
GUC	V	05 02 23 40.3-1.1	27.57S	71.48W	13-7	4.1L,4.1			
NEIC	V	05 02 23 40.3	27.57S	71.48W	13	4.1L,4.1		18647597	
GUC		Error ellipse: s-maj=3.7km s-min=8.3km az=-1.0.							
NEIC		Event type se. After GUC.							
GUC	V	05 03 26 22.6-86	27.10S	71.19W	25-12	4.0,3.8L		18647598	
NEIC	V	05 03 26 22.6	27.10S	71.19W	25	3.8L,3.8L			
GUC		Error ellipse: s-maj=3.9km s-min=8.6km az=-1.0.							
NEIC		Event type se. After GUC.							
GUC	V	05 07 03 17.8-80	27.49S	71.51W	30-25	3.9,3.7L		18647600	
NEIC	V	05 07 03 17.8	27.49S	71.51W	30	3.7L,3.7L			
GUC		Error ellipse: s-maj=10.6km s-min=9.7km az=-1.0.							
NEIC		Event type se. After GUC.							
GUC	V	05 07 12 27.1-80	27.08S	71.22W	28-10	4.0L,4.0		18647601	
NEIC	V	05 07 12 27.1	27.08S	71.22W	28	4.0L,4.0			
GUC		Error ellipse: s-maj=3.3km s-min=10.4km az=-1.0.							
NEIC		Event type se. After GUC.							
GUC	V	06 06 06 48.9-88	27.25S	71.64W	15-10	3.8L		18647641	
NEIC	V	06 06 06 48.9	27.25S	71.64W	15	3.8L			
GUC		Error ellipse: s-maj=3.1km s-min=8.9km az=-1.0.							
NEIC		Event type se. After GUC.							
GUC	V	02 09 54 47.1-64	27.44S	71.21W	8-2	4.0L		18646895	
NEIC	V	02 09 54 47.1	27.44S	71.21W	8	4.0L			
GUC		Error ellipse: s-maj=1.7km s-min=3.8km az=-1.0.							
NEIC		Event type se. After GUC.							
GUC	V	02 12 10 38.0-37	27.51S	71.08W	22-5	4.2L		18646899	
NEIC	V	02 12 10 38.0	27.51S	71.08W	22	4.2L			
GUC		Error ellipse: s-maj=0.9km s-min=4.0km az=-1.0.							
NEIC		Event type fe. Felt [III] at Copiapo. After GUC.							
GUC	V	02 19 20 28.5-99	27.38S	71.41W	48-22	3.6L		18646905	
GUC		Error ellipse: s-maj=3.2km s-min=8.3km az=-1.0.							
GUC	V	02 21 20 45.5-69	27.08S	71.27W	10-3	3.3L		18646911	
NEIC	V	02 21 20 45.5	27.08S	71.27W	10	3.3L			
GUC		Error ellipse: s-maj=2.9km s-min=3.7km az=-1.0.							
NEIC		Event type se. After GUC.							

GUC	V	02 01 09 37.4-1.0	27.27S	71.25W	9-4	4.0L,4.1			
ISCJB	V	02 01 09 38.1-2.3	27.19S-05	71.3W-20	31-13	4.2b,3.4s			
ISC		Event type se.							
NEIC		Event type se. After GUC.							
ISCJB	V	02 04 11 19.0-1.4	27.46S-03	71.33W-07	14-8	4.5b,4.4s	75	1-160	
IDC	V	02 04 11 15.9-7.3	27.42S	71.31W	0	4.3s,4.3		18338313	
GUC	V	02 04 11 17.8-9.4	27.44S	71.46W	40-5	4.9L,4.3			
ISCJB	V	02 04 11 18.8-1.2	27.47S-03	71.36W-07	25-8	4.5b,4.4s			
HRVD	V	02 04 11 19.9-2.0	27.58S	71.84W	16-0	5.2W,4.4b			
NEIC	V	02 04 11 19.9-1.8	27.45S	71.21W	21-12	4.9L,4.7s			
MOS	V	02 04 11 20.7-1.2	27.55S	71.12W	33	5.0b,4.7b			
BJI	V	02 04 11 20.1	26.94S	71.27W	21	5.4b,4.8s			
ISC		Event type se.							
IDC		Error ellipse: s-maj=27.8km s-min=22.4km az=56.0.							
GUC		Error ellipse: s-maj=2.9km s-min=7.2km az=1.0.							
ISCJB		Event type se. Error ellipse: s-maj=11.2km s-min=5.0km az=168.7.							
HRVD		Error ellipse: s-maj=2.2km s-min=2.0km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s47,c58; Mantle waves: s77,c125; Half duration: 1s0 Moment tensor: Scale 1016Nm; Mr:0.19±2.0 Mm:0.05±10; Mm:0.24±15; Mm:0.30±32; Mm:0.29±08; Mr:6.50±51; Best double couple: NP1:φ:352.00000°; δ21.00000°; λ81.00000°; NP2:φ:181.00000°; δ71.00000°; λ93.00000°; Principal axes: T: 8.3280,Plg64.0000°; Azm96.0000°; N: 0.0370,Plg3.0000°; Azm0.0000°; P: 8.3610,Plg26.0000°; Azm269.0000°; M:8.34400×1016							
NEIC		Event type se. Error ellipse: s-maj=14.4km s-min=6.5km az=82.0.							
MOS		Error ellipse: s-maj=19.0km s-min=12.3km az=96.6.							
ISC	V	02 05 34 01.4-49	27.20S-03	71.28W-05	10	4.1b,3.5s	38	0-151	
ISCJB	V	02 05 33 59.7-49	27.20S-03	71.34W-05	10	4.1b,3.5s		18646886	
IDC	V	02 05 33 59.9-92	27.20S	71.17W	0	4.1,4.1			
GUC	V	02 05 33 59.9-76	27.30S	71.26W	2-3	4.7L,4.1			
NEIC	V	02 05 34 01.3-2.5	27.17S	71.22W	9-14	4.7L,4.4b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=6.2km s-min=4.3km az=10.6.							
IDC		Error ellipse: s-maj=33.2km s-min=23.5km az=86.0.							
GUC		Error ellipse: s-maj=2.1km s-min=4.0km az=1.0.							
NEIC		Event type se. Error ellipse: s-maj=23.3km s-min=7.2km az=84.0. Felt [II] at Caldera and Copiapo.							
ISC	V	02 07 25 35.2-62	26.83S-04	70.9W-10	35	4.0b,3.7s	27	0-151	
IDC	V	02 07 25 29.7-89	26.85S	70.98W	0	4.3L,4.2		18646888	
ISCJB	V	02 07 25 33.4-64	26.82S-04	71.05W-08	33	4.0b,3.7s			
GUC	V	02 07 25 33.7-91	26.89S	71.01W	31-5	4.6L,3.7s			
NEIC	V	02 07 25 33.7	26.89S	71.01W	31	4.6L,3.7s			
ISC		Event type se.							
IDC		Error ellipse: s-maj=31.9km s-min=27.9km az=115.0.							
ISCJB		Event type se. Error ellipse: s-maj=10.3km s-min=5.1km az=3.2.							
GUC		Error ellipse: s-maj=2.5km s-min=8.4km az=1.0.							
NEIC		Event type se. After GUC.							
GUC	V	05 11 20 29.7-1.2	27.34S	71.17W	8-5	3.8L			
NEIC	V	05 11 20 29.7	27.34S	71.17W	8	3.8L		18647606	
GUC		Error ellipse: s-maj=3.5km s-min=8.2km az=1.0.							
NEIC		Event type se. After GUC.							
ISC	V	02 13 42 37.2-1.2	27.50S-03	71.37W-06	4-7	4.7b,4.7s	123	1-170	
GUC	V	02 13 42 35.1-85	27.50S	71.67W	11-7	5.0L,4.7s		18338322	
ISCJB	V	02 13 42 36.1-1.3	27.48S-02	71.39W-05	8-8	4.7b,4.7s			
IDC	V	02 13 42 36.1-51	27.43S	71.25W	0	4.6s,4.6			
BJI	V	02 13 42 38.7	27.69S	72.11W	22	5.3b,5.0s			
HRVD	V	02 13 42 39.7-20	27.64S	71.85W	12	5.3W,5.0s			
MOS	V	02 13 42 39.9-1.5	27.49S	71.22W	33	5.2b,5.0s			
NEIC	V	02 13 42 39.7-17	27.51S	71.23W	22	5.0L,4.9b			
ISC		Event type se.							
GUC		Error ellipse: s-maj=2.7km s-min=6.5km az=1.0.							
ISCJB		Event type se. Error ellipse: s-maj=7.6km s-min=4.1km az=166.4.							
IDC		Error ellipse: s-maj=21.9km s-min=13.4km az=84.0.							
HRVD		Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s49,c71; Mantle waves: s92,c164; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr:0.66±0.1 Mm:0.04±0.1; Mm:0.69±0.1; Mm:0.05±0.3; Mm:0.03±0.1; Mr:0.73±0.3; Best double couple: NP1:φ:359.00000°; δ21.00000°; λ92.00000°; NP2:φ:177.00000°; δ69.00000°; λ89.00000°; Principal axes: T: 0.9850,Plg66.0000°; Azm85.0000°; N: 0.0360,Plg1.0000°; Azm177.0000°; P: -1.0200,Plg24.0000°; Azm267.0000°; M:1.00200×1017							
MOS		Error ellipse: s-maj=16.5km s-min=8.3km az=103.1.							
NEIC		Event type se. Error ellipse: s-maj=6.4km s-min=3.8km az=74.0. Felt [II] at Copiapo.							
ISC	V	02 13 48 57.9-50	27.39S-06	71.3W-10	29	4.4b	29	5-160	
IDC	V	02 13 48 52.9-80	27.52S	71.44W	0	4.1b,4.1		18713279	
ISCJB	V	02 13 48 55.9-50	27.39S-06	71.2W-10	28	4.4b,4.1			
MOS	V	02 13 48 57.6-1.7	27.47S	71.14W	33	5.2b,4.1			
NEIC	V	02 13 48 57.7-37	27.43S	71.17W	28	4.8b,4.1			
ISC		Event type se.							
IDC		Error ellipse: s-maj=30.5km s-min=21.3km az=71.0.							
ISCJB		Event type se. Error ellipse: s-maj=15.3km s-min=7.1km az=148.5.							
MOS		Error ellipse: s-maj=32.9km s-min=19.2km az=76.0.							
NEIC		Event type se. Error ellipse: s-maj=13.0km s-min=7.8km az=83.0.							
ISC	V	02 13 58 29.8-1.5	27.45S-03	71.35W-08	13-9	4.5b,4.4b	78	1-160	
NEIC	V	02 13 58 27.2	27.44S	71.68W	32	4.8L,4.6b		18338323	
ISCJB	V	02 13 58 27.6-1.6	27.48S-03	71.45W-07	11-10	4.5s,4.4b			
HRVD	V	02 13 58 27.2-20	27.61S	71.86W	15-1	5.2W,4.4b			
GUC	V	02 13 58 27.2-77	27.44S	71.68W	32-12	4.8L,4.4b			
IDC	V	02 13 58 28.0-68	27.39S	71.28W	0	4.4,4.4			
MOS	V	02 13 58 31.2-1.2	27.44S	71.12W	33	5.0b,4.4s			
BJI	V	02 13 58 32.2	27.40S	71.70W	31	5.3b,4.8s			
ISC		Event type se.							
NEIC		Event type se. Felt [III] at Copiapo. After GUC.							
ISCJB		Event type se. Error ellipse: s-maj=10.1km s-min=5.3km az=162.4.							
HRVD		Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s32,c41; Mantle waves: s74,c114; Half duration: 1s0 Moment tensor: Scale 1017Nm; Mr:0.46±0.3 Mm:0.03±0.1; Mm:0.49±0.2; Mm:0.03±0.4; Mm:0.03±0.1; Mr:0.77±0.8; Best double couple: NP1:φ:352.00000°; δ16.00000°; λ80.00000°; NP2:φ:182.00000°; δ74.00000°; λ93.00000°; Principal axes: T: 0.8940,Plg61.0000°; Azm96.0000°; N: 0.0260,Plg3.0000°; Azm1.0000°; P: -0.9200,Plg29.0000°; Azm269.0000°; M:0.90700×1017							
GUC		Error ellipse: s-maj=3.4km s-min=8.9km az=1.0.							
IDC		Error ellipse: s-maj=25.0km s-min=18.4km az=78.0.							
MOS		Error ellipse: s-maj=18.3km s-min=9.8km az=93.6.							
ISC	V	02 14 10 15.0-1.8	27.27S-07	70.8W-30	35	4.1b	12	5-151	
IDC	V	02 14 10 07.6-1.3	27.41S	71.10W	0	4.0b,3.9L		19130711	
ISCJB	V	02 14 10 12.1-1.8	27.28S-07	70.8W-30	33	4.1b,3.9L			
NEIC	V	02 14 10 12.8-5.3	27.27S	70.99W	32-36	4.3b,3.9L			
ISC		Event type se.							
IDC		Error ellipse: s-maj=39.9km s-min=23.9km az=91.0.							
ISCJB		Event type se. Error ellipse: s-maj=32.6km s-min=8.8km az=166.2.							
MOS		Error ellipse: s-maj=36.1km s-min=12.6km az=89.0.							
NEIC		Event type se. Error ellipse: s-maj=36.1km s-min=12.6km az=89.0.							
ISC	V	05 14 23 36.9-83	25.14S-03	70.9W-10	39-10	4.2b	27	1-150	
GUC	V	05 14 23 35.5-63	25.15S	70.72W	41-3	4.7L		18647612	
ISCJB	V	05 14 23 36.1-73	25.16S-03	70.8W-20	49-8	4.2b			
NEIC	V	05 14 23 36.1-3.0	25.11S	71.10W	32-22	4.7L,4.4b			
IDC	V	05 14 23 37.7-79	25.14S	70.64W	39-5	4.0b,3.9			
ISC		Event type se.							
GUC		Error ellipse: s-maj=1.9km s-min=13.0km az=1.0.							
ISCJB		Event type se. Error ellipse: s-maj=23.0km s-min=4.5km az=10.6.							
NEIC		Event type se. Error ellipse: s-maj=28.2km s-min=7.2km az=95.0. Felt [IV] at Papos, [III] at Taltal and [II] at Caldera.							
IDC		Error ellipse: s-maj=35.2km s-min=19.3km az=92.0.							
ISC	V	02 23 09 06.3-88	27.49S-04	71.57W-07	15	4.1b,3.4s	22	1-152	
ISCJB	V	02 23 09 04.0-91	27.47S-04	71.72W-07	15	4.1b,3.4s		18646913	
NEIC	V	02 23 09 05.1	27.53S	71.66W	15	4.4L,3.9b			
GUC	V	02 23 09 05.1-69	27.53S	71.66W	15-15	4.4L,3.9b			
IDC	V	02 23 09 07.0-1.6	26.81S	71.35W	0	4.2b,4.1			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=9.3km s-min=6.2km az=11.2.							
NEIC		Event type se. After GUC.							

GUC		Error ellipse: s-maj=2.5km s-min=5.6km az=1.0.							
IDC		Error ellipse: s-maj=51.6km s-min=27.0km az=85.0.							
GUC	V	05 18 56 43.1-60	27.16S	71.20W	20-11	3.5,3.3L			
NEIC	V	05 18 56 43.1	27.16S	71.20W	20	3.3L,3.3L		18647618	
GUC		Error ellipse: s-maj=3.3km s-min=6.4km az=1.0.							
ISC		Event type se. After GUC.							
ISC	V	06 14 39 32.1-1.7	27.43S-03	71.44W-08	12-10	4.4b,3.7s	71	1-160	
ISCJB	V	06 14 39 29.3-1.4	27.43S-03	71.58W-05	4-8	4.4b,3.7s		18338509	
IDC	V	06 14 39 29.9-63	27.43S	71.30W	0	4.2,4.1			
GUC	V	06 14 39 30.9-92	27.39S	71.57W	42-5	4.5L,4.1			
NEIC	V	06 14 39 31.7-32	27.45S	71.35W	10	4.7b,4.5L			
MOS	V	06 14 39 33.3-2.0	27.43S	71.44W	33	4.8b,4.5L			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=7.6km s-min=5.1km az=159.1.							
IDC		Error ellipse: s-maj=29.7km s-min=21.4km az=86.0.							
GUC		Error ellipse: s-maj=2.7km s-min=6.8km az=1.0.							
NEIC		Event type se. Error ellipse: s-maj=9.0km s-min=6.1km az=93.0.							
MOS		Error ellipse: s-maj=19.1km s-min=10.6km az=93.6.							
ISC	V	05 11 18 20.8-1.9	27.25S-05	71.34W-10	16-9	3.9b,3.2s	14	0-152	
ISCJB	V	05 11 18 20.9-2.5	27.25S-06	71.3W-20	26-17	3.9b,3.2s		18647605	
IDC	V	05 11 18 20.6-12	26.63S	70.99W	0	4.0,4.0			
NEIC	V	05 11 18 22.1	27.25S	71.25W	46	3.8,4.0			
GUC	V	05 11 18 22.1-1.0	27.25S	71.25W	46-13	3.8L,4.0			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=25.3km s-min=9.4km az=175.8.							
IDC		Error ellipse: s-maj=769.8km s-min=110.5km az=7.0.							
NEIC		Event type se. After GUC.							
GUC		Error ellipse: s-maj=6.8km s-min=16.9km az=1.0.							
ISC	V	06 17 00 59.3-1.0	27.44S-04	71.4W-10	35	3.8b,3.0s	20	1-152	
IDC	V	06 17 00 53.6-1.6	27.72S	71.31W	0	4.0b,3.6		18647651	
NEIC	V	06 17 00 54.8	27.41S	71.54W	40	4.0,3.6			
GUC	V	06 17 00 54.8-84	27.41S	71.54W	40-4	4.0L,3.6			
ISCJB	V	06 17 00 56.8-1.0	27.42S-04	71.48W-10	33	3.8b,3.0s			
ISC		Event type se.							
NEIC		Event type se. After GUC.							
ISCJB		Event type se.							
GUC	V	08 06 45 11.7-63	27.30S	71.07W	36-6	4.0,3.9L			
NEIC	V	08 06 45 11.7	27.30S	71.07W	36	3.9,3.9L		18647705	
GUC		Error ellipse: s-maj=2.5km s-min=13.8km az=1.0.							
NEIC		Event type se. After GUC.							
ISC	V	11 13 48 59.8-21	27.54S-03	71.36W-05	33	5.0s,4.8b	138	1-175	
GUC	V	11 13 48 55.7-7.4	27.56S	71.61W	45-4	4.8L,4.8b		18338819	
MOS	V	11 13 48 56.1-1.7	27.32S	71.36W	10	5.1b,4.8b			
ISCJB	V	11 13 48 57.9-21	27.51S-03	71.36W-05	31	5.0s,4.8b			
HRVD	V	11 13 48 59.9-10	27.72S	72.08W	12	5.5W,4.8b			
BJI</									

NEIC	Event type se. After GUC.									
GUC	Error ellipse: s-maj=3.1km s-min=32.2km az=1.0.									
IDC	Error ellipse: s-maj=30.1km s-min=21.3km az=91.0.									
GUC	I	26 17 14 01.7	27.89S	71.32W	46-7	3.6,3.4L				
NEIC	I	26 17 14 01.7	27.89S	71.32W	46	3.6,3.4L				¶19778110
GUC	Error ellipse: s-maj=1.8km s-min=5.7km az=1.0.									
NEIC	Event type se. After GUC.									
ISC	I	29 23 22 15.6	78.24S-06	70.54W-06	95-11	3.5b	16			2-88
ISCJB	I	29 23 22 13.7	78.24S-06	70.52W-06	93-13	3.5b				¶19487714
NEIC	I	29 23 22 14.7	78.24S	70.50W	91-14	3.7b				
IDC	I	29 23 22 15.1	78.24S	70.54W	95-27	3.6,3.4				
ISC	Event type se.									
ISCJB	Error ellipse: s-maj=11.0km s-min=8.2km az=103.0.									
NEIC	Event type se. Error ellipse: s-maj=16.0km s-min=11.5km az=84.0.									
IDC	Error ellipse: s-maj=38.5km s-min=18.1km az=104.0.									
GUC	I	30 03 19 54.7	26.86S	70.18W	45-22	4.0,3.5L				
NEIC	I	30 03 19 54.7	26.86S	70.18W	45	4.0,3.5L				¶19778261
GUC	Error ellipse: s-maj=5.8km s-min=9.8km az=1.0.									
NEIC	Event type se. After GUC.									
GUC	I	02 11 42 37.7	24.40S	70.50W	34-4	4.1,3.0L				
ISC	Error ellipse: s-maj=2.5km s-min=12.9km az=1.0.									
ISC	I	21 08 46 59.6	25.75S-02	70.60W-05	37	4.9b,3.9s	149			1-174
ISCJB	I	21 08 46 57.7	25.75S-02	70.56W-05	35	4.9b,3.9s				¶18078984
GUC	I	21 08 46 57.5	25.72S	70.85W	42-3	4.8L,3.9S				
MOS	I	21 08 46 58.3	25.51S	70.54W	33	5.3b,3.9s				
IDC	I	21 08 46 59.5	25.76S	70.57W	37-3	4.6,4.5b				
NEIC	I	21 08 46 59.3	25.72S	70.54W	35	5.0b,4.8L				
HRVD	I	21 08 46 59.3	26.67S	71.07W	34-1	4.9W,4.8L				
BJI	I	21 08 46 59.9	25.70S	70.50W	34	5.6s,5.2s				
ISC	Event type se.									
ISCJB	Error ellipse: s-maj=6.9km s-min=3.4km az=176.1.									
GUC	Error ellipse: s-maj=1.5km s-min=16.1km az=1.0.									
MOS	Error ellipse: s-maj=16.3km s-min=8.0km az=101.1.									
IDC	Error ellipse: s-maj=15.6km s-min=12.7km az=87.0.									
NEIC	Event type se. Error ellipse: s-maj=7.3km s-min=4.2km az=77.0.									
HRVD	Error ellipse: s-maj=5.6km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s45,c18; Mantle waves: s31,c42; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} :2.63±.25 M _{θθ} :0.28±.14; M _{φφ} :2.35±.17; M _{θφ} :0.40±.13; M _{φθ} :0.22±.11; M _{φr} :0.27±.19; Best double couple: NP1:φ:179.0000°; δ20:0.0000°; λ81:0.0000°; NP2:φ:13.0000°; δ19:0.0000°; λ99:0.0000°; Principal axes: T 2.6960,Plg82.0000°; Azm340.0000°; N 0.3060,Plg7.0000°; Azm187.0000°; P -2.3930,Plg4.0000°; Azm97.0000°; M ₂ :2.54400×10 ¹⁶ ; N -0.3060,Plg7.0000°; Azm187.0000°; P -2.3930,Plg4.0000°; Azm97.0000°; M ₂ :2.54400×10 ¹⁶									
ISC	V	05 08 06 42.3	15.72S	71.23W-08	11-9	4.5b	56			0-159
IDC	V	05 08 06 40.6	15.72S	71.07W	0	4.5b,4.5				¶18338464
NEIC	V	05 08 06 41.0	27.29S	71.19W	2	4.8L,4.6b				
GUC	V	05 08 06 41.5	27.29S	71.20W	2-4	4.8L,4.6b				
ISCJB	V	05 08 06 43.3	27.18S-03	71.14W-10	29-7	4.5b,4.6b				
MOS	V	05 08 06 44.2	27.12S	71.03W	33	4.8b,4.6b				
ISC	Event type se.									
IDC	Error ellipse: s-maj=27.8km s-min=18.8km az=64.0.									
NEIC	Event type se. Felt [IV] at Copiapo and [III] at Caldera. After GUC.									
GUC	Error ellipse: s-maj=2.2km s-min=4.6km az=1.0.									
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=5.2km az=159.7.									
MOS	Error ellipse: s-maj=29.8km s-min=13.6km az=90.9.									
ISC	V	21 01 27 55.1	3.0S	71.4W-10	2-17	4.2b	15			1-151
IDC	V	21 01 27 52.7	2.87S	70.98W	0	4.3b,4.0				¶18647977
ISCJB	V	21 01 27 55.3	2.9S	71.38W-08	15-20	4.2b,4.0				
NEIC	V	21 01 27 56.2	27.04S	71.35W	25	3.7L,4.0				
GUC	V	21 01 27 56.2	27.04S	71.35W	25-7	3.7L,4.0				
ISC	Event type se.									
IDC	Error ellipse: s-maj=105.1km s-min=67.8km az=87.0.									
ISCJB	Event type se. Error ellipse: s-maj=12.4km s-min=11.0km az=91.9.									
NEIC	Event type se. After GUC.									
GUC	Error ellipse: s-maj=2.9km s-min=7.0km az=1.0.									
NEIC	VI	22 00 27 32.0	27.38S	71.12W	47-3	3.8,3.3L				
GUC	VI	22 00 27 32.0	27.38S	71.12W	47	3.3,3.3L				¶18650676
ISC	Error ellipse: s-maj=3.0km s-min=6.6km az=1.0.									
NEIC	Event type se. After GUC.									
GUC	VI	13 16 51 09.9	26.48S	70.47W	53-8	4.2L,4.1				
NEIC	VI	13 16 51 09.9	26.48S	70.47W	53	4.2,4.1				¶18650483
GUC	Error ellipse: s-maj=5.6km s-min=22.7km az=1.0.									
NEIC	Event type se. Felt [IV] at Chanaral and [III] at Diego de Almagro. After GUC.									
GUC	VI	26 18 07 10.0	27.90S	71.39W	15-12	3.8L				
NEIC	VI	26 18 07 10.0	27.90S	71.39W	15	3.8L				¶18650789
GUC	Error ellipse: s-maj=2.4km s-min=11.3km az=1.0.									
NEIC	Event type se. After GUC.									
GUC	VI	26 22 06 48.1	27.96S	71.40W	15-10	3.7L				
NEIC	VI	26 22 06 48.1	27.96S	71.40W	15	3.7L				¶18650796
GUC	Error ellipse: s-maj=2.8km s-min=11.5km az=1.0.									
NEIC	Event type se. After GUC.									
ISC	IV	25 18 07 08.5	1.3S	71.28W-07	16-7	4.4b,4.0s	35			0-151
ISCJB	IV	25 18 07 08.2	1.2S	71.27W-09	28-7	4.4b,4.0s				¶18646578
NEIC	IV	25 18 07 10.7	27.14S	71.01W	36	4.5L,4.5b				
ISC	IV	25 18 07 10.7	27.14S	71.01W	36-4	4.5L,4.2b				
IDC	IV	25 18 07 14.5	27.02S	70.46W	32-45	4.0,4.0s				
ISC	Event type se.									
ISCJB	Error ellipse: s-maj=13.4km s-min=5.2km az=5.7.									
NEIC	Event type se. After GUC.									
GUC	Error ellipse: s-maj=2.5km s-min=8.6km az=1.0.									
IDC	Error ellipse: s-maj=39.7km s-min=24.4km az=84.0.									
ISC	IV	30 11 14 00.1	1.71N	71.08W-05	25-5	5.1b,4.9s	211			0-178
BJI	IV	30 11 13 56.1	27.63S	71.32W	8	5.3s,5.3b				¶18321377
MOS	IV	30 11 13 56.6	26.92S	71.11W	10	5.3b,4.8s				
HRVD	IV	30 11 13 56.6	27.07S	71.62W	18-1	5.3W,4.4S				
GUC	IV	30 11 13 56.6	27.10S	71.27W	9-3	4.9L,4.4S				
NEIC	IV	30 11 13 56.6	27.10S	71.27W	9	5.2b,4.9s				
ISCJB	IV	30 11 13 59.2	27.02S-03	71.10W-05	31-4	5.1b,4.9s				
IDC	IV	30 11 14 00.3	26.98S	71.07W	29-44	4.7,4.7				
ISC	Event type se.									
MOS	Error ellipse: s-maj=13.4km s-min=7.7km az=103.1.									
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s45,c63; Mantle waves: s77,c124; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} :0.73±.03 M _{θθ} :0.7±.02; M _{φφ} :0.80±.03; M _{θφ} :0.01±.04; M _{φθ} :0.07±.01; M _{φr} :0.95±.07; Best double couple: NP1:φ:350.0000°; δ20:0.0000°; λ81:0.0000°; NP2:φ:180.0000°; δ19:0.0000°; λ99:0.0000°; Principal axes: T 1.1890,Plg64.0000°; Azm95.0000°; N 0.0750,Plg3.0000°; Azm359.0000°; P -1.2650,Plg26.0000°; Azm267.0000°; M ₁ :2.2700×10 ¹⁷									
GUC	Error ellipse: s-maj=2.1km s-min=3.7km az=1.0.									
NEIC	Event type se. Felt [IV] at Copiapo and [III] at Caldera and Tierra Amarilla. After GUC.									
ISCJB	Event type se. Error ellipse: s-maj=7.5km s-min=4.1km az=157.1.									
IDC	Error ellipse: s-maj=23.6km s-min=12.7km az=84.0.									
ISC	IV	30 19 21 04.6	66.66S	71.24W-06	10	5.0b	29			0-151
ISCJB	IV	30 19 21 03.1	68.27S	71.30W-06	10	5.0b				¶18646779
GUC	IV	30 19 21 03.1	68.27S	71.16W	31-5	5.3L				
IDC	IV	30 19 21 03.9	1.5S	71.09W	0	5.1b,5.1				
MOS	IV	30 19 21 07.4	3.0S	70.49W	10	5.1b,5.1				
NEIC	IV	30 19 21 07.3	3.4S	71.05W	17-17	5.3L,5.1b				
ISC	Event type se.									
ISCJB	Error ellipse: s-maj=7.6km s-min=5.0km az=18.9.									
GUC	Error ellipse: s-maj=2.2km s-min=7.8km az=1.0.									
IDC	Error ellipse: s-maj=60.1km s-min=28.6km az=121.0.									
MOS	Error ellipse: s-maj=43.2km s-min=23.9km az=78.8.									
NEIC	Event type se. Error ellipse: s-maj=39.7km s-min=11.3km az=101.0. Felt [III] at Copiapo.									
ISC	IV	30 21 32 59.1	59.27S-03	70.92W-06	34-4	6.2s,5.3b	198			0-174
MOS	IV	30 21 32 57.1	59.27S	70.99W	10	5.6b,5.3b				¶18321411
GUC	IV	30 21 32 55.5	59.27S	71.22W	35-7	5.4L,5.3b				
HRVD	IV	30 21 32 55.0	59.27S	71.77W	20-1	5.9W,5.3b				
NEIC	IV	30 21 32 55.0	59.27S	71.22W	35	5.6b,5.4L				
IDC	IV	30 21 32 57.4	63.27S	71.22W	30-4	5.0L,4.7				

ISCJB	IV	30 21 32 57.1	-63	27.16S-03	71.08W-07	34-5	6.2s,5.3b			
BJI	IV	30 21 32 58.3		27.24S	70.36W	35	6.4s,6.2s			
ISC	Event type se.									
MOS	Error ellipse: s-maj=14.8km s-min=7.4km az=103.1.									
GUC	Error ellipse: s-maj=2.3km s-min=10.7km az=1.0.									
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s49,c64; Mantle waves: s64,c97; Half duration: 2s1 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} :5.50±.29 M _{θθ} :0.23±.16; M _{φφ} :5.28±.24; M _{θφ} :0.64±.37; M _{φθ} :0.69±.15; M _{φr} :5.77±.62; Best double couple: NP1:φ:352.0000°; δ20:0.0000°; λ88:0.0000°; NP2:φ:173.0000°; δ19:0.0000°; λ91:0.0000°; Principal axes: T 8.0180,Plg67.0000°; Azm85.0000°; N -0.1350,Plg1.0000°; Azm353.0000°; P -7.8880,Plg23.0000°; Azm263.0000°; M ₁ :7.95300×10 ¹⁷									
NEIC	Event type se. Felt [III] at Copiapo. After GUC.									
IDC	Error ellipse: s-maj=23.6km s-min=13.8km az=83.0.									
ISCJB	Event type se. Error ellipse: s-maj=10.6km s-min=5.0km az=164.7.									
ISC	IV	30 21 41 01.3	-14	27.23S-02	71.01W-04	30	6.5s,5.8b	442		0-178
GUC	IV	30 21 40 51.9	-1.3	26.84S	71.15W	18-67	6.7s,6.5W			¶18321414
IDC	IV	30 21 40 56.0	-4.3	27.05S	71.15W	0	6.3s,6.3			
CRAAG	IV	30 21 40 56.7		27.27S	71.12W		6.1W,6.3			
MOS	IV	30 21 40 57.0	-1.2	27.15S	71.17W	10	6.6s,6.4b			
HRVD	IV	30 21 40 58.4	-1.0	27.28S	71.55W	13-0	6.5W,6.4b			
BJI	IV	30 21 40 58.4		27.20S	71.10W	12	6.6s,6.5s			
NEIC	IV	30 21 40 58.4	-1.5	27.21S	71.06W	12	6.7s,6.3L			
LDG	IV	30 21 40 59.5	-2.4	26.42S	70.80W	10-0	6.5s,5.8b			
IGIL	IV	30 21 40 59.0		27.17S	71.01W	10	6.9s,5.8b			
ISCJB	IV	30 21 40 59.2	-1.4	27.24S-02	71.09W-04	29	6.5s,5.8b			
ISC	Event type se.									
HRVD	nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s110,c245; Mantle waves: s106,c456; Half duration: 4s2 Moment tensor: Scale 10 ¹⁸ Nm; M _{rr} :3.44±.03 M _{θθ} :0.50±.02; M _{φφ} :3.94±.02; M _{θφ} :1.01±.05; M _{φθ} :0.12±.02; M _{φr} :5.28±.12; Best double couple: NP1:φ:14.0000°; δ18:0.0000°; λ112:0.0000°; NP2:φ:171.0000°; δ73:0.0000°; λ83:0.0000°; Principal axes: T 6.3470,Plg61.0000°; Azm70.0000°; N 0.3610,Plg7.0000°; Azm173.0000°; P -6.7100,Plg6.0000°; Azm267.0000°; M ₆ :5.2800×10 ¹⁹									
NEIC	Event type se. Felt [VI] at Copiapo, [IV] at Caldera and [III] at La Serena. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M ₁ :1.00000×10 ¹⁹ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:360.0000°; δ15:0.0000°; λ90:0.0000°; NP2:φ:180.0000°; δ75:0.0000°; λ90:0.0000°; Principal axes: T Plg60.0000°; Azm90.0000°; N Plg0.0000°; Azm0.0000°; P Plg30.0000°; Azm270.0000°									
LDG	Event type se.									
ISCJB	Event type se.									
ISC	IV	30 21 59 51.6	-15	27.31S-02	71.09W-04	32	6.2s,5.2b	240		0-178
GUC	IV	30 21 59 47.3	-81	27.36S	71.29W	11-5	5.3L,5.2b			¶18321416
MOS	IV	30 21 59 47.6	-1.2	27.04S	71.03W	10	5.5b,5.2b			
LDG	IV									

HRVD	VI	27	02	07	32.2-20	22.51S	68.92W	134-0	5.5W,5.3b											
GUC	VI	27	02	07	32.2-47	22.76S	68.70W	115-0	5.7L,5.3b											
IDC	VI	27	02	07	33.4-31	22.52S	68.64W	109-2	5.2,4.9											
BJI	VI	27	02	07	34.2	22.80S	68.70W	115	5.3b,4.9											
LDG	VI	27	02	07	41.0-1.7	21.63S	68.25W	163-10	4.9b,4.4s											
ISC	Event type se.																			
ISCJB	Event type se. Error ellipse: s-maj=5.8km s-min=4.8km az=82.8.																			
MOS	Error ellipse: s-maj=10.3km s-min=6.0km az=101.8.																			
NEIC	Event type fe. Felt [III] at Calama. Also felt at Antofagasta and Taltal. After GUC. Moment Tensor Solution. s26 Moment tensor: Scale 1017Nm; Mir=0.54 Mw=0.30 M0=0.84 M0=0.04 M0=0.17 Mw=1.79 Best double couple: NP1:φ:358.0000°; λ:96.0000°; δ:80.0000°; NP2:φ:208.0000°; λ:82.0000°; δ:61.0000°; Principal axes: T 2.0700,Plg34.0000°; Azm93.0000°; N -0.2900,Plg6.0000°; Azm359.0000°; P -1.7800,Plg55.0000°; Azm261.0000°; M1.90000°x1017																			
HRVD	Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s68,c107; Mantle waves: s64,c117; Half duration: 1s3 Moment tensor: Scale 1017Nm; Mir=0.62±0.04 M0=0.06±0.05; Mw=0.68±0.06; M0=0.12±0.03; Mw=0.18±0.04; Mw=1.83±0.04; Best double couple: NP1:φ:156.0000°; λ:11.0000°; δ:110.0000°; NP2:φ:356.0000°; λ:80.0000°; δ:86.0000°; Principal axes: T 1.9960,Plg35.0000°; Azm83.0000°; N -0.0820,Plg4.0000°; Azm175.0000°; P -1.9140,Plg55.0000°; Azm270.0000°; M1.95500°x1017																			
GUC	Error ellipse: s-maj=2.8km s-min=5.4km az=-1.0.																			
IDC	Error ellipse: s-maj=8.4km s-min=7.5km az=53.0.																			
LDG	Event type ke. Error ellipse: s-maj=41.5km s-min=17.6km az=15.0.																			
GUC	VI	05	11	10	04.4-66	26.42S	69.45W	15-7	3.9,3.8L											
NEIC	VI	05	11	10	04.4	26.42S	69.45W	15	3.8L,3.8L											
GUC	Error ellipse: s-maj=2.1km s-min=5.8km az=-1.0.																			
NEIC	Event type se. After GUC.																			
IDC	VI	06	13	54	31.4-3.0	20.09S	69.86W	86-23	3.8,3.6											
IDC	Error ellipse: s-maj=52.8km s-min=22.6km az=98.0.																			
ISC	VI	11	02	01	22.0-1.9	22.18S-09	69.9W-20	84-16	3.8b	10										
ISC	VI	11	02	01	20.4-2.0	22.17S-09	69.9W-20	92-15	3.8b											
IDC	VI	11	02	01	21.0-3.3	22.12S	69.89W	79-20	3.8b,3.6											
NEIC	VI	11	02	01	21.4-1.7	22.16S	69.89W	88-13	3.5b,3.6											
ISC	Event type se.																			
ISCJB	Event type se. Error ellipse: s-maj=36.6km s-min=14.1km az=8.6.																			
IDC	Error ellipse: s-maj=54.7km s-min=25.8km az=93.0.																			
NEIC	Event type se. Error ellipse: s-maj=29.7km s-min=12.0km az=94.0.																			
ISC	II	01	04	44	48.4-1.3	25.52S-03	69.93W-09	25-12	4.1b	25										
IDC	II	01	04	44	42.9-1.6	25.22S	70.32W	0	4.2b,4.1											
ISCJB	II	01	04	44	48.2-5.3	25.51S-03	69.84W-07	33	4.1b,4.1											
NEIC	II	01	04	44	49.5	25.52S	70.17W	39	4.3,4.1											
GUC	II	01	04	44	49.5-1.2	25.52S	70.17W	39-6	4.3,4.0L											
ISC	Event type se.																			
IDC	Error ellipse: s-maj=47.5km s-min=28.8km az=109.0.																			
ISCJB	Event type fe. Error ellipse: s-maj=9.5km s-min=4.2km az=9.4.																			
NEIC	Event type fe. Felt [III] at Paposo and Taltal. After GUC.																			
GUC	Error ellipse: s-maj=2.9km s-min=21.5km az=-1.0.																			
ISC	II	03	03	08	21.1-55	22.77S-07	68.50W-09	119-8	4.0b	29										
ISC	II	03	03	08	19.5-56	22.78S-07	68.47W-09	123-8	4.0b											
IDC	II	03	03	08	20.5-73	22.69S	68.41W	108-9	4.2,4.0											
GUC	II	03	03	08	21.6-35	22.92S	68.56W	130-0	4.2L,4.1											
NEIC	II	03	03	08	21.6	22.92S	68.56W	130	4.2b,4.1											
ISC	Event type se.																			
ISCJB	Event type se. Error ellipse: s-maj=16.0km s-min=8.3km az=61.9.																			
IDC	Error ellipse: s-maj=24.8km s-min=23.2km az=33.0.																			
GUC	Error ellipse: s-maj=2.8km s-min=3.1km az=-1.0.																			
NEIC	Event type se. After GUC.																			
GUC	II	03	08	14	20.4-51	27.72S	69.93W	99-5	3.8,3.4L											
NEIC	II	03	08	14	20.4	27.72S	69.93W	99	3.8,3.4L											
GUC	Error ellipse: s-maj=3.9km s-min=8.3km az=-1.0.																			
NEIC	Event type se. After GUC.																			
ISC	II	04	02	57	32.8-56	22.01S-06	68.48W-07	123-5	4.0b	38										
IDC	II	04	02	57	31.9-54	22.04S-06	68.50W-07	131-5	3.9b											
ISC	II	04	02	57	31.8-55	21.96S	68.40W	114-5	4.1,3.9											
NEIC	II	04	02	57	32.1	22.11S	68.60W	133	4.2,4.1b											
GUC	II	04	02	57	32.1-88	22.11S	68.60W	133-15	4.4L,4.2											
ISC	Event type se.																			
ISCJB	Event type se. Error ellipse: s-maj=11.1km s-min=9.3km az=39.7.																			
IDC	Error ellipse: s-maj=19.8km s-min=13.0km az=105.0.																			
NEIC	Event type se. After GUC.																			
GUC	Error ellipse: s-maj=16.1km s-min=9.8km az=-1.0.																			
GUC	II	04	05	52	45.4-70	22.27S	68.58W	100-0	3.7,3.2L											
NEIC	II	04	05	52	45.4	22.27S	68.58W	100	3.7,3.2L											
GUC	Error ellipse: s-maj=8.4km s-min=3.6km az=-1.0.																			
NEIC	Event type se. After GUC.																			
GUC	II	05	21	55	06.1-82	23.42S	68.68W	102-10	3.5,2.9L											
GUC	Error ellipse: s-maj=9.7km s-min=6.0km az=-1.0.																			
ISC	II	06	06	51	49.7-62	22.70S-09	68.92W-09	114-5	3.5b	24										
ISCJB	II	06	06	51	48.7-62	22.70S-09	68.92W-09	118-5	3.5b											
IDC	II	06	06	51	49.4-1.1	22.65S	68.69W	101-10	3.6,3.4b											
NEIC	II	06	06	51	49.9	22.77S	68.94W	105	3.9,3.4b											
GUC	II	06	06	51	49.9-1.1	22.77S	68.94W	105-11	3.9,3.8L											
ISC	Event type se.																			
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=8.5km az=95.5.																			
IDC	Error ellipse: s-maj=42.2km s-min=29.6km az=160.0.																			
NEIC	Event type se. After GUC.																			
GUC	Error ellipse: s-maj=14.3km s-min=8.7km az=-1.0.																			
GUC	II	06	12	44	06.2-82	23.47S	68.59W	115-9	3.5,3.0L											
GUC	Error ellipse: s-maj=10.1km s-min=6.4km az=-1.0.																			
GUC	II	06	19	05	58.0-88	22.61S	68.59W	105-9	3.6L											
GUC	Error ellipse: s-maj=14.2km s-min=8.2km az=-1.0.																			
GUC	II	09	10	18	29.6-1.1	23.38S	69.38W	75-14	3.7,3.2L											
GUC	Error ellipse: s-maj=9.4km s-min=9.3km az=-1.0.																			
GUC	II	09	11	44	25.1-1.6	22.43S	69.17W	90-11	3.7,3.0L											
GUC	Error ellipse: s-maj=14.0km s-min=11.2km az=-1.0.																			
ISC	II	09	13	38	18.7-76	21.32S-05	69.2W-10	112-13	3.2b	15										
IDC	II	09	13	37	55.3-4.2	22.39S	70.64W	0	3.7L,3.7											
ISCJB	II	09	13	38	17.3-75	21.31S-05	69.3W-10	118-12	3.2b,3.7											
NEIC	II	09	13	38	17.1	21.39S	69.21W	125	3.9,3.8b											
GUC	II	09	13	38	17.1-58	21.39S	69.21W	125-15	3.9,3.5L											
ISC	Event type se.																			
IDC	Error ellipse: s-maj=146.0km s-min=63.4km az=97.0.																			
ISCJB	Event type se. Error ellipse: s-maj=19.0km s-min=8.3km az=175.7.																			
NEIC	Event type se. After GUC.																			
GUC	Error ellipse: s-maj=10.7km s-min=12.7km az=-1.0.																			
ISC	II	09	17	08	36.8-55	27.52S-04	69.14W-09	89-10	3.9b	26										
ISC	II	09	17	08	35.5-60	27.51S-04	69.10W-10	93-11	3.9b											
IDC	II	09	17	08	37.0-1.4	27.52S	68.92W	92-12	3.8,3.6											
NEIC	II	09	17	08	37.5-1.2	27.47S	68.78W	94-11	4.6b,3.6											
GUC	II	09	17	08	38.4-1.0	27.29S	69.10W	35-13	4.2,4.1L											
ISC	Event type se.																			
ISCJB	Event type se. Error ellipse: s-maj=14.7km s-min=6.4km az=160.4.																			
IDC	Error ellipse: s-maj=37.0km s-min=10.1km az=87.0.																			
NEIC	Event type se. Error ellipse: s-maj=22.6km s-min=11.1km az=83.0.																			
GUC	Error ellipse: s-maj=13.3km s-min=6.9km az=-1.0.																			
ISC	II	10	20	43	39.5-65	22.01S-08	68.58W-10	114-7	3.9b	24										
ISC	II	10	20	43	38.5-65	22.04S-08	68.68W-10	126-6	3.9b											
IDC	II	10	20	43	38.2-93	21.89S	68.55W	98-9	4.0,3.7b											
NEIC	II	10	20	43	38.9-81	22.02S	68.43W	106-8	4.0,3.7b											
GUC	II	10	20	43	39.1-70	22.03S	68.89W	109-6	3.9L,3.7b											
ISC	Event type se.																			
ISCJB	Event type se. Error ellipse: s-maj=16.3km s-min=10.7km az=71.8.																			
IDC	Error ellipse: s-maj=27.4km s-min=20.9km az=124.0.																			

GUC	II	09 15 43 32.7-59	21.90S	68.41W	5-0	4.0,3.4L			
GUC		Error ellipse: s-maj=7.7km s-min=8.8km az=-1.0.							
IDC	II	09 18 58 11.3-1.4	19.92S	68.51W	132-16	3.7,3.5			
IDC		Error ellipse: s-maj=38.5km s-min=15.4km az=105.0.							
GUC	II	15 01 54 54.9-7.7	21.56S	68.87W	154-15	3.5,3.3L			
GUC		Error ellipse: s-maj=18.0km s-min=19.7km az=-1.0.							
ISC	II	16 20 40 13.0-54	21.26S-04	68.6W-10	149-7	4.0b	26	1-145	
ISCJB	II	16 20 40 11.8-57	21.27S-04	68.6W-10	155-8	4.0b			
NEIC	II	16 20 40 12.7-88	21.14S	68.32W	132-10	4.0b			
IDC	II	16 20 40 13.3-69	21.22S	68.25W	132-8	4.3,3.9b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=16.3km s-min=6.3km az=5.3.							
NEIC		Event type se. Error ellipse: s-maj=17.7km s-min=12.5km az=101.0.							
IDC		Error ellipse: s-maj=23.6km s-min=10.1km az=103.0.							
ISC	II	19 15 50 03.9-99	22.15S-06	67.14W-08	143-12	3.6b	19	6-92	
ISCJB	II	19 15 50 03.1-1.1	22.12S-06	67.11W-08	150-13	3.6b			
NEIC	II	19 15 50 04.8-1.0	22.22S	67.19W	157-13	4.0b			
IDC	II	19 15 50 08.5-2.2	21.95S	66.96W	181-20	4.0,3.6			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=12.3km s-min=9.8km az=169.7.							
NEIC		Event type se. Error ellipse: s-maj=17.3km s-min=11.4km az=83.0.							
IDC		Error ellipse: s-maj=21.1km s-min=18.6km az=55.0.							
IDC	II	20 04 15 02.6-7.3	19.97S	68.84W	118-50	3.5,3.3			
IDC		Error ellipse: s-maj=71.9km s-min=33.6km az=46.0.							
IDC	II	24 09 38 44.6-2.6	21.59S	68.41W	106-22	3.5,3.3b			
IDC		Error ellipse: s-maj=45.0km s-min=26.7km az=96.0.							
ISC	II	27 05 45 05.0-1.6	21.25S-10	68.03W-08	144-14	3.9b	14	5-145	
ISCJB	II	27 05 45 04.3-1.6	21.25S-10	68.01W-08	154-15	3.9b			
NEIC	II	27 05 45 04.4-1.7	21.22S	68.08W	144-14	3.8b			
IDC	II	27 05 45 09.7-6.1	20.77S	67.96W	178-40	4.2,3.8			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=20.2km s-min=11.9km az=31.7.							
NEIC		Event type se. Error ellipse: s-maj=25.6km s-min=11.8km az=212.0.							
IDC		Error ellipse: s-maj=67.7km s-min=22.2km az=22.0.							
ISC	V	21 23 58 32.2-83	20.27S-05	69.0W-10	127-10	4.2b	15	2-77	
ISCJB	V	21 23 58 30.7-84	20.27S-05	69.0W-10	136-9	4.2b			
NEIC	V	21 23 58 30.9-91	20.23S	69.00W-10	112-12	3.9b			
IDC	V	21 23 58 31.5-2.5	20.26S	69.02W	129-24	3.8,3.4b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=21.8km s-min=8.4km az=4.6.							
NEIC		Event type se. Error ellipse: s-maj=15.8km s-min=9.9km az=85.0.							
IDC		Error ellipse: s-maj=44.1km s-min=20.0km az=97.0.							
ISC	V	22 02 15 03.3-88	19.51S-06	68.6W-10	126-10	4.2b	21	3-151	
ISCJB	V	22 02 15 02.4-91	19.52S-06	68.5W-10	133-10	4.2b			
IDC	V	22 02 15 02.8-1.4	19.56S	68.59W	124-12	4.3,4.1b			
NEIC	V	22 02 15 03.1-80	19.47S	68.60W	128-8	4.3b,4.1b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=18.2km s-min=9.4km az=17.8.							
IDC		Error ellipse: s-maj=23.0km s-min=11.9km az=110.0.							
NEIC		Event type se. Error ellipse: s-maj=13.5km s-min=7.6km az=95.0.							
ISC	V	30 03 09 00.2-97	21.15S-10	68.3W-20	105-14	3.7b	10	2-77	
ISCJB	V	30 03 08 58.9-96	21.25S-10	68.3W-20	115-14	3.7b			
IDC	V	30 03 08 59.6-1.4	21.11S	68.37W	108-16	3.8,3.4b			
NEIC	V	30 03 08 59.7-84	21.17S	68.25W	95-11	3.8,3.4b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=37.7km s-min=13.3km az=38.8.							
IDC		Error ellipse: s-maj=44.5km s-min=15.3km az=110.0.							
NEIC		Event type se. Error ellipse: s-maj=22.0km s-min=10.2km az=117.0.							
ISC	V	31 07 04 27.2-54	21.36S-05	67.77W-09	149-7	4.0b	36	2-153	
ISCJB	V	31 07 04 26.5-53	21.34S-05	67.71W-09	161-7	4.0b			
IDC	V	31 07 04 27.2-64	21.25S	67.66W	150-6	4.5,4.1			
NEIC	V	31 07 04 27.6-61	21.27S	67.76W	150-6	4.2b,4.1			
GUC	V	31 07 04 30.0-63	22.14S	67.69W	190-0	4.6L,4.1			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=13.6km s-min=6.8km az=30.3.							
IDC		Error ellipse: s-maj=14.3km s-min=8.0km az=116.0.							
NEIC		Event type se. Error ellipse: s-maj=11.3km s-min=7.6km az=110.0.							
GUC		Error ellipse: s-maj=6.2km s-min=7.9km az=-1.0.							
ISC	V	25 20 27 35.6-1.1	21.14S-09	68.5W-20	102-13	3.7b	11	2-145	
ISCJB	V	25 20 27 34.2-1.1	21.13S-09	68.6W-20	111-12	3.7b			
NEIC	V	25 20 27 35.0-1.1	21.05S	68.61W	99-14	3.9b			
IDC	V	25 20 27 35.2-1.4	21.20S	68.54W	111-13	4.0,3.8b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=28.1km s-min=13.4km az=31.3.							
NEIC		Event type se. Error ellipse: s-maj=22.5km s-min=12.7km az=106.0.							
IDC		Error ellipse: s-maj=34.8km s-min=15.8km az=112.0.							
IDC	V	26 08 36 29.2-1.6	20.70S	68.86W	110-17	3.7,3.5			
IDC		Error ellipse: s-maj=41.0km s-min=16.0km az=102.0.							
ISC	V	27 23 06 42.8-93	20.07S-06	68.8W-10	118-11	3.7b	16	3-152	
ISCJB	V	27 23 06 41.9-94	20.07S-06	68.8W-10	123-11	3.7b			
IDC	V	27 23 06 42.0-1.1	20.11S	68.82W	114-10	3.8,3.6			
NEIC	V	27 23 06 42.4-1.1	20.04S	68.88W	117-11	3.8,3.6			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=17.3km s-min=8.9km az=38.1.							
IDC		Error ellipse: s-maj=25.4km s-min=8.6km az=101.0.							
NEIC		Event type se. Error ellipse: s-maj=20.4km s-min=10.8km az=98.0.							
ISC	V	28 16 07 54.7-76	20.02S-05	68.80W-09	110-9	4.0b	19	3-134	
ISCJB	V	28 16 07 53.6-73	20.05S-05	68.9W-10	125-9	4.0b			
IDC	V	28 16 07 54.9-1.1	20.08S	68.73W	115-10	4.2,3.8			
NEIC	V	28 16 07 54.0-69	20.01S	68.90W	112-8	3.8b,3.8			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=18.6km s-min=7.8km az=10.9.							
IDC		Error ellipse: s-maj=24.8km s-min=8.5km az=103.0.							
NEIC		Event type se. Error ellipse: s-maj=12.1km s-min=8.8km az=88.0.							
ISC	V	01 02 55 07.8-2.0	21.55S-10	68.1W-10	137-19	3.7b	11	5-145	
IDC	V	01 02 55 06.0-3.2	21.53S	68.25W	124-26	4.1,3.8			
NEIC	V	01 02 55 06.0-2.3	21.59S	68.27W	125-19	4.1,3.8			
ISCJB	V	01 02 55 07.0-2.0	21.55S-10	68.1W-10	146-19	3.7b,3.8			
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
IDC	V	02 08 04 18.1-7.5	20.25S	68.31W	138-50	4.3,4.0			
IDC		Error ellipse: s-maj=77.5km s-min=30.2km az=36.0.							
IDC	V	02 19 02 49.8-2.1	21.30S	68.36W	116-19	4.1b,3.7			
IDC		Error ellipse: s-maj=51.6km s-min=15.0km az=86.0.							
IDC	V	06 10 11 24.1-7.4	20.08S	68.78W	127-50	3.6,3.4			
IDC		Error ellipse: s-maj=73.0km s-min=33.0km az=42.0.							
ISC	V	06 11 11 01.4-1.8	20.95S-10	68.1W-10	192	3.1b	6	5-91	
ISCJB	V	06 11 10 59.7-1.8	20.95S-10	68.2W-10	192	3.1b			
IDC	V	06 11 11 01.6-6.9	20.77S	68.00W	192-47	3.5,3.2			
ISCJB		Error ellipse: s-maj=18.2km s-min=17.6km az=148.6.							
IDC		Error ellipse: s-maj=72.3km s-min=25.6km az=20.0.							
IDC	V	07 10 56 03.3-1.9	21.44S	67.87W	128-17	3.8,3.5			
IDC		Error ellipse: s-maj=38.1km s-min=15.8km az=89.0.							
IDC	V	10 06 04 32.2-1.1	18.11S	68.90W	141-8	4.0,3.7b			
IDC		Error ellipse: s-maj=24.6km s-min=9.2km az=100.0.							
IDC	V	10 07 16 45.0-1.1	21.77S	68.07W	119-13	3.6,3.4			
IDC		Error ellipse: s-maj=36.2km s-min=14.0km az=106.0.							
ISC	V	10 21 35 30.2-89	21.27S-06	68.6W-10	158-15	3.3b	18	1-145	

ISCJB	V	10 21 35 29.8-93	21.31S-07	68.6W-20	162-13	3.3b			
IDC	V	10 21 35 32.0-93	21.09S	68.50W	108-15	3.9,3.5			
NEIC	V	10 21 35 32.0	21.28S	69.12W	135	3.8,3.5			
GUC	V	10 21 35 32.0-76	21.28S	69.12W	135-0	3.9,3.8L			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=24.5km s-min=9.2km az=37.4.							
IDC		Error ellipse: s-maj=50.9km s-min=10.1km az=99.0.							
NEIC		Event type se. After GUC.							
GUC									

ISC	I	26 07 38 47.9-74	20.62S-07	66.7W-10	229-11	3.4b	16	3-135	
ISC	I	26 07 38 46.9-76	20.64S-07	66.6W-10	232-12	3.4b			
IDC	I	26 07 38 47.2-93	20.57S	66.68W	224-13	3.8,3.3			
NEIC	I	26 07 38 47.7-75	20.64S	66.67W	223-10	3.7b,3.3			
ISC	Event type se.								
ISC	I	26 07 38 46.9-76	20.64S-07	66.6W-10	232-12	3.4b			
IDC	I	26 07 38 47.2-93	20.57S	66.68W	224-13	3.8,3.3			
NEIC	I	26 07 38 47.7-75	20.64S	66.67W	223-10	3.7b,3.3			
ISC	Event type se. Error ellipse: s-maj=20.9km s-min=10.4km az=31.4.								
IDC	Error ellipse: s-maj=23.8km s-min=10.7km az=106.0.								
NEIC	Event type se. Error ellipse: s-maj=18.6km s-min=11.4km az=124.0.								
IDC	I	13 11 14 37.0-6.6	20.15S	67.89W	209-44	4.1,3.7b			
IDC	Error ellipse: s-maj=92.2km s-min=22.3km az=16.0.								
IDC	I	26 05 02 10.6-1.0	20.68S	67.28W	184-13	3.6,3.3			
IDC	Error ellipse: s-maj=29.1km s-min=11.1km az=103.0.								
IDC	I	30 22 52 43.5-93	20.70S	67.92W	140-14	3.3b,3.3			
IDC	Error ellipse: s-maj=33.6km s-min=9.6km az=101.0.								
ISC	IV	15 00 17 17.2-50	21.44S-04	66.60W-06	213-4	4.0b	66	2-167	
ISC	IV	15 00 17 16.1-49	21.49S-04	66.61W-06	221-5	4.0b			
ISC	IV	15 00 17 16.3-40	21.28S	66.58W	200	4.1b			
NEIC	IV	15 00 17 16.3	21.30S	66.60W	200	4.9b			
IDC	IV	15 00 17 17.0-82	21.42S	66.65W	215-8	4.3,3.9			
GUC	IV	15 00 17 19.1-64	21.88S	66.76W	234-11	4.0L,3.9			
ISC	Event type se.								
ISC	I	26 07 38 46.9-76	20.64S-07	66.6W-10	232-12	3.4b			
IDC	I	26 07 38 47.2-93	20.57S	66.68W	224-13	3.8,3.3			
NEIC	I	26 07 38 47.7-75	20.64S	66.67W	223-10	3.7b,3.3			
ISC	Event type se. Error ellipse: s-maj=9.1km s-min=5.8km az=39.9.								
NEIC	Event type se. Error ellipse: s-maj=12.8km s-min=9.1km az=86.0.								
IDC	Error ellipse: s-maj=14.5km s-min=10.4km az=104.0.								
GUC	Error ellipse: s-maj=6.5km s-min=11.8km az=-1.0.								
(127) Chile-Argentina border region.									
ISC	IV	05 01 34 20.8-22	32.19S-02	70.36W-05	110-2	4.6b	163	1-175	
BJI	IV	05 01 34 18.7	31.49S	69.84W	101	4.6b			
MOS	IV	05 01 34 19.8-1.3	32.17S	70.16W	111	4.9b			
ISC	IV	05 01 34 19.8-22	32.19S-02	70.36W-05	115-2	4.6b			
NEIC	IV	05 01 34 20.4-23	32.20S	70.28W	109-2	4.7b			
GUC	IV	05 01 34 20.0-1.1	32.19S	70.51W	118-6	4.9L			
IDC	IV	05 01 34 22.9-73	32.14S	70.11W	130-5	4.6,4.3			
ISC	Event type se.								
MOS	Error ellipse: s-maj=17.7km s-min=8.6km az=90.0.								
ISC	I	26 07 38 46.9-76	20.64S-07	66.6W-10	232-12	3.4b			
NEIC	Event type se. Error ellipse: s-maj=7.1km s-min=3.2km az=166.6.								
NEIC	Event type se. Error ellipse: s-maj=6.4km s-min=3.4km az=81.0. Felt [III] at Illapel, La Calera, Petorca, Puchuncavi, Quillota, Salamanca, San Antonio, Santiago, Valparaiso and Vina del Mar, Chile.								
GUC	Error ellipse: s-maj=2.0km s-min=8.5km az=-1.0.								
IDC	Error ellipse: s-maj=12.8km s-min=10.9km az=147.0.								
GUC	IV	19 04 27 00.3-87	27.85S	68.82W	125-29	3.6L,3.4			
NEIC	IV	19 04 27 00.3	27.85S	68.82W	125	3.4,3.4			
GUC	Error ellipse: s-maj=3.8km s-min=21.8km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	IV	19 10 50 40.1-58	34.25S	70.97W	82-2	3.8,3.8L			
NEIC	IV	19 10 50 40.1	34.25S	70.97W	82	3.8,3.8L			
GUC	Error ellipse: s-maj=1.0km s-min=2.6km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	IV	15 21 53 14.9-75	31.51S	70.62W	22-6	3.6,2.8L			
GUC	Error ellipse: s-maj=7.8km s-min=30.7km az=-1.0.								
GUC	IV	17 14 13 16.0-81	24.33S	67.36W	170-0	3.6L			
GUC	Error ellipse: s-maj=4.2km s-min=7.5km az=-1.0.								
GUC	IV	18 01 49 08.0-47	34.37S	70.47W	103-2	4.1,3.8L			
NEIC	IV	18 01 49 08.0	34.37S	70.47W	103	4.1,3.8L			
GUC	Error ellipse: s-maj=1.3km s-min=3.5km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	IV	18 17 56 08.3-83	33.15S	70.22W	2-6	3.6,2.3L			
GUC	Error ellipse: s-maj=1.5km s-min=4.2km az=-1.0.								
GUC	IV	11 01 17 03.7-52	24.16S	67.37W	210-0	3.7L			
GUC	Error ellipse: s-maj=6.9km s-min=4.8km az=-1.0.								
GUC	IV	11 16 22 03.0-64	35.07S	70.48W	17-3	3.7,2.9L			
NEIC	IV	11 16 22 03.0	35.07S	70.48W	17	2.9L,2.9L			
GUC	Error ellipse: s-maj=2.6km s-min=3.3km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	IV	11 21 16 01.2-83	33.14S	70.25W	4-2	3.6,2.0L			
GUC	Error ellipse: s-maj=1.9km s-min=3.4km az=-1.0.								
GUC	IV	13 14 07 07.6-79	23.97S	67.14W	210-0	4.1L			
GUC	Error ellipse: s-maj=6.5km s-min=6.6km az=-1.0.								
ISC	IV	03 06 34 27.1-61	24.12S-04	68.67W-08	94-8	4.0b	33	2-148	
ISC	IV	03 06 34 26.2-67	24.13S-05	68.67W-09	100-8	4.0b			
NEIC	IV	03 06 34 26.8-59	24.09S	68.57W	91-8	3.9			
GUC	IV	03 06 34 28.9-66	24.12S	68.96W	110-0	4.0L,3.9			
IDC	IV	03 06 34 28.2-73	24.05S	68.67W	100-5	4.0,3.9b			
ISC	Event type se.								
ISC	I	26 07 38 46.9-76	20.64S-07	66.6W-10	232-12	3.4b			
NEIC	Event type se. Error ellipse: s-maj=14.6km s-min=6.9km az=27.9.								
GUC	Event type se. Error ellipse: s-maj=13.0km s-min=7.2km az=104.0.								
IDC	Error ellipse: s-maj=4.1km s-min=6.7km az=-1.0.								
IDC	Error ellipse: s-maj=24.7km s-min=8.7km az=76.0.								
GUC	IV	14 09 35 56.5-56	35.11S	70.53W	17-3	3.6,2.4L			
GUC	Error ellipse: s-maj=2.6km s-min=3.0km az=-1.0.								
GUC	IV	14 20 02 13.2-82	33.13S	70.26W	11-2	3.7,2.3L			
GUC	Error ellipse: s-maj=1.9km s-min=3.6km az=-1.0.								
GUC	IV	07 04 53 30.7-51	34.93S	70.18W	18-4	3.5,2.2L			
GUC	Error ellipse: s-maj=2.7km s-min=6.0km az=-1.0.								
GUC	IV	08 09 17 45.2-77	35.05S	70.47W	17-3	3.5,3.0L			
NEIC	IV	08 09 17 45.2	35.05S	70.47W	17	3.0L,3.0L			
GUC	Error ellipse: s-maj=2.3km s-min=3.0km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	IV	01 09 32 27.5-1.0	29.32S	69.63W	126-23	4.1L,3.9			
NEIC	IV	01 09 32 27.5	29.32S	69.63W	126	3.9,3.9			
GUC	Error ellipse: s-maj=3.2km s-min=17.8km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	IV	01 17 57 08.2-62	31.65S	70.31W	131-3	3.8L,3.6			
NEIC	IV	01 17 57 08.2	31.65S	70.31W	131	3.6,3.6			
GUC	Error ellipse: s-maj=0.9km s-min=4.3km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	IV	25 01 18 20.6-64	34.61S	70.28W	16-2	3.7,2.6L			
NEIC	IV	25 01 18 20.6	34.61S	70.28W	16	2.6L,2.6L			
GUC	Error ellipse: s-maj=2.1km s-min=2.9km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	IV	03 22 07 57.5-57	31.84S	70.08W	148-3	3.9L,3.7			
NEIC	IV	03 22 07 57.5	31.84S	70.08W	148	3.7,3.7			
GUC	Error ellipse: s-maj=1.1km s-min=6.2km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	IV	12 17 12 05.8-92	23.90S	67.26W	220-0	3.6L			
GUC	Error ellipse: s-maj=11.1km s-min=8.2km az=-1.0.								
GUC	IV	01 02 42 49.2-59	33.57S	70.96W	78-1	4.1L,3.8			
NEIC	IV	01 02 42 49.2	33.57S	70.96W	78	3.8,3.8			
GUC	Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.								
NEIC	Event type se. Felt [III] at San Jose de Maipo and Santiago. After GUC.								
GUC	IV	25 20 30 02.6-77	33.14S	70.25W	2-14	3.6,2.2L			
GUC	Error ellipse: s-maj=11.8km s-min=3.3km az=-1.0.								
GUC	IV	06 09 45 52.6-96	30.22S	70.81W	80-4	3.8L,3.7			
NEIC	IV	06 09 45 52.6	30.22S	70.81W	80	3.7,3.7			
GUC	Error ellipse: s-maj=2.0km s-min=7.9km az=-1.0.								

NEIC	Event type se. After GUC.								
GUC	IV	21 19 07 44.6-77	32.74S	70.04W	110-4	3.9L,3.8			
NEIC	IV	21 19 07 44.6	32.74S	70.04W	110	3.8,3.8			
GUC	Error ellipse: s-maj=1.6km s-min=5.3km az=-1.0.								
NEIC	Event type se. After GUC.								
ISC	IV	23 06 46 07.4-54	24.28S-04	67.16W-07	153-12	3.7b	28	3-147	
ISC	IV	23 06 46 06.1-57	24.28S-04	67.14W-07	157-13	3.7b			
IDC	IV	23 06 46 06.9-1.6	24.22S	67.09W	146-16	4.2,3.9			
NEIC	IV	23 06 46 07.5-55	24.22S	67.15W	154-10	4.4b,3.9			
GUC	IV	23 06 46 09.5-58	24.37S	67.40W	150-0	4.4L,3.9			
ISC	Event type se.								
ISC	I	26 07 38 46.9-76	20.64S-07	66.6W-10	232-12	3.4b			
IDC	Event type se. Error ellipse: s-maj=11.0km s-min=6.3km az=21.1.								
NEIC	Error ellipse: s-maj=25.0km s-min=13.7km az=97.0.								
GUC	Event type se. Error ellipse: s-maj=11.1km s-min=8.7km az=132.0.								
GUC	Error ellipse: s-maj=2.5km s-min=4.1km az=-1.0.								
ISC	III	14 04 03 15.9-25	28.60S-02	69.33W-06	115	4.7b	99	2-172	
MOS	III	14 04 03 13.4-1.1	28.56S	69.01W	99	5.2b			
ISC	III	14 04 03 14.3-24	28.60S-02	69.26W-05	113	4.7b			
GUC	III	14 04 03 14.3-80	28.49S	69.55W	120-0	5.4L			
NEIC	III	14 04 03 15.6-29	28.57S	69.04W	112	4.8b			
IDC	III	14 04 03 15.9-47	28.60S	69.08W	114-3	4.8,4.6			
BJI	III	14 04 03 17.6	28.60S	69.00W	112	5.3b,4.6			
ISC	Event type se.								
MOS	Error ellipse: s-maj=16.5km s-min=8.8km az=99.5.								
ISC	III	16 23 16 05.8-64	34.86S	69.36W	150-0	3.2L,3.0			
NEIC	III	16 23 16 05.8	34.86S	69.36W	150	3.5,3.0			
GUC	Error ellipse: s-maj=6.8km s-min=12.5km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	III	18 14 54 06.7-67	24.19S	67.42W	190-0	4.0L,3.9			
GUC	Error ellipse: s-maj=1.7km s-min=3.3km az=-1.0.								
GUC	III	10 05 28 26.9-86	34.03S	70.10W	16-3	3.5,2.7L			
GUC	Error ellipse: s-maj=1.4km s-min=3.4km az=-1.0.								
GUC	III	12 20 30 21.9-82	34.08S	70.33W	11-3	3.6,1.8L			
G									

ISCJB	Event type fe. Error ellipse: s-maj=8.6km s-min=4.8km az=52.6.								
NEIC	Event type fe. Felt [III] at Curico and [II] at Rancagua and Talca. After GUC.								
GUC	Error ellipse: s-maj=2.5km s-min=3.8km az=-1.0.								
IDC	Error ellipse: s-maj=25.3km s-min=12.2km az=97.0.								
GUC	II 23 05 22 02-54 35.04S 70.22W	156-4	3.7,3.3L						
NEIC	II 23 05 22 02.0 35.04S 70.22W	156	4.0,3.3L						19778797
GUC	Error ellipse: s-maj=3.3km s-min=9.9km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	II 26 19 49 21.1-63 32.68S 70.71W	80-3	3.9,3.3L						19778864
GUC	Error ellipse: s-maj=1.2km s-min=4.1km az=-1.0.								
GUC	II 28 16 13 52.9-57 32.29S 70.22W	110-3	4.1,4.0L						19778944
GUC	Error ellipse: s-maj=2.1km s-min=5.5km az=-1.0.								
GUC	V 26 01 51 21.6-55 32.06S 70.03W	116-5	3.0L,2.7						
NEIC	V 26 01 51 21.6 32.06S 70.03W	116	4.0b,2.7						198648178
GUC	Error ellipse: s-maj=1.9km s-min=5.4km az=-1.0.								
NEIC	Event type se. After GUC.								
ISC	V 13 22 56 41.3-55 24.31S-04 67.14W-08 182-11 3.7b	34	2-147						
ISCJB	V 13 22 56 40.5-58 24.31S-04 67.16W-09 191-12 3.7b								198647828
IDC	V 13 22 56 41.4-1.0 24.26S 67.14W								
NEIC	V 13 22 56 41.3-69 24.21S 67.05W								
GUC	V 13 22 56 42.9-83 24.19S 67.47W								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=12.9km s-min=6.7km az=13.9.								
IDC	Error ellipse: s-maj=21.0km s-min=13.5km az=68.0.								
NEIC	Event type se. Error ellipse: s-maj=14.1km s-min=10.9km az=125.0.								
GUC	Error ellipse: s-maj=4.6km s-min=8.6km az=-1.0.								
GUC	V 08 04 21 09.8-67 32.26S 70.33W	108-3	3.5,3.0L						
NEIC	V 08 04 21 09.8 32.26S 70.33W	108	3.0,3.0L						198647698
GUC	Error ellipse: s-maj=1.5km s-min=4.2km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 08 05 16 17.7-70 34.36S 70.09W	4-2	3.5,1.8L						198647702
GUC	Error ellipse: s-maj=2.6km s-min=3.3km az=-1.0.								
GUC	V 09 00 40 19.5-2.1 34.69S 70.23W	0-6	3.6,2.7L						
NEIC	V 09 00 40 19.7 34.70S 70.20W	11	2.7L,2.7L						198647738
GUC	Error ellipse: s-maj=7.4km s-min=8.7km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 09 02 26 23.9-82 32.89S 70.30W	104-3	3.6,2.7L						
NEIC	V 09 02 26 23.9 32.89S 70.30W	104	2.7,2.7L						198647739
GUC	Error ellipse: s-maj=2.5km s-min=6.2km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 04 13 56 15.5-67 34.55S 70.29W	14-3	3.7,2.5L						
NEIC	V 04 13 56 15.5 34.55S 70.29W	14	2.5L,2.5L						198647508
GUC	Error ellipse: s-maj=2.0km s-min=2.8km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 04 17 08 55.0-1.2 33.62S 70.11W	7-2	3.6,2.8L						
NEIC	V 04 17 08 55.0 33.62S 70.11W	9	2.8L,2.8L						198647512
GUC	Error ellipse: s-maj=2.1km s-min=3.3km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 05 22 22 01.2-73 34.42S 70.09W	14-3	4.1,3.2L						
NEIC	V 05 22 22 01.2 34.42S 70.09W	14	3.2L,3.2L						198647623
GUC	Error ellipse: s-maj=1.7km s-min=2.6km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 05 22 31 29.1-78 34.41S 70.10W	14-3	3.9,3.1L						
NEIC	V 05 22 31 29.1 34.41S 70.10W	14	3.1L,3.1L						198647624
GUC	Error ellipse: s-maj=1.5km s-min=3.2km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 05 22 37 15.4-78 34.43S 70.09W	17-3	3.8,2.6L						
NEIC	V 05 22 37 15.4 34.43S 70.09W	17	2.6L,2.6L						198647625
GUC	Error ellipse: s-maj=2.0km s-min=3.2km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 06 01 57 54.9-69 34.43S 70.09W	14-4	3.5,2.3L						
NEIC									198647639
GUC	Error ellipse: s-maj=2.0km s-min=2.9km az=-1.0.								
GUC	V 02 15 35 54.3-59 34.42S 70.08W	16-2	4.0,2.8L						
NEIC	V 02 15 35 54.3 34.42S 70.08W	16	2.8L,2.8L						198646903
GUC	Error ellipse: s-maj=1.5km s-min=2.4km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 03 04 59 42.9-75 33.48S 70.62W	89-3	3.8,2.6L						198647420
GUC	Error ellipse: s-maj=2.3km s-min=5.6km az=-1.0.								
GUC	V 03 10 57 01.5-1.8 34.42S 70.12W	2-5	3.9,2.6L						
NEIC	V 03 10 57 01.7 34.43S 70.09W	16	2.6L,2.6L						198647424
GUC	Error ellipse: s-maj=4.9km s-min=8.1km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 31 18 53 36.5-85 31.54S 70.95W	109-6	3.9,3.7L						
NEIC	V 31 18 53 36.5 31.54S 70.95W	109	3.7,3.7L						198649904
GUC	Error ellipse: s-maj=2.5km s-min=7.3km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 25 15 23 15.9-75 31.72S 70.21W	128-6	4.0,3.6L						
NEIC	V 25 15 23 15.9 31.72S 70.21W	128	3.6,3.6L						198648166
GUC	Error ellipse: s-maj=1.7km s-min=8.2km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 26 06 01 23.4-67 33.99S 70.01W	8-3	3.6,1.7L						198648189
GUC	Error ellipse: s-maj=1.7km s-min=4.5km az=-1.0.								
GUC	V 27 10 24 05.9-69 33.07S 70.57W	91-2	3.6,2.8L						
NEIC	V 27 10 24 05.9 33.07S 70.57W	91	2.8,2.8L						198648221
GUC	Error ellipse: s-maj=1.6km s-min=3.8km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 22 06 08 54.5-32 24.10S 67.38W	220-0	3.5L,3.5						198648001
GUC	Error ellipse: s-maj=2.5km s-min=2.5km az=-1.0.								
GUC	V 22 13 53 23.3-34 34.28S 70.41W	106-2	3.5,2.4L						198648008
GUC	Error ellipse: s-maj=3.8km s-min=3.0km az=-1.0.								
GUC	V 23 11 03 01.2-71 31.43S 70.69W	92-4	3.9,2.9L						
NEIC	V 23 11 03 01.2 31.43S 70.69W	92	2.9,2.9L						198648044
GUC	Error ellipse: s-maj=1.3km s-min=5.8km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 23 12 49 19.8-58 34.11S 70.05W	2-3	4.1,2.9L						
NEIC	V 23 12 49 19.8 34.11S 70.05W	2	2.9L,2.9L						198648046
GUC	Error ellipse: s-maj=1.5km s-min=2.7km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 14 19 42 07.8-86 33.15S 70.24W	3-3	3.5,1.7L						198647853
GUC	Error ellipse: s-maj=2.0km s-min=5.7km az=-1.0.								
GUC	V 15 22 44 22.4-1.0 23.97S 67.15W	200-0	3.8L,3.5						198647867
GUC	Error ellipse: s-maj=8.2km s-min=8.4km az=-1.0.								
GUC	V 16 03 07 42.4-70 35.10S 70.40W	15-104	3.5,2.5L						198647879
GUC	Error ellipse: s-maj=79.0km s-min=36.6km az=-1.0.								
GUC	V 17 03 29 33.9-83 34.40S 70.08W	4-2	3.5,2.0L						198647897
GUC	Error ellipse: s-maj=3.0km s-min=4.1km az=-1.0.								
GUC	V 11 05 04 37.2-58 23.98S 67.00W	200-0	3.7L,3.7						198647777
GUC	Error ellipse: s-maj=4.8km s-min=4.8km az=-1.0.								
GUC	V 22 20 28 29.6-65 28.11S 69.71W	108-10	3.5L						
NEIC	V 22 20 28 29.6 28.11S 69.71W	108	3.5						198648014
GUC	Error ellipse: s-maj=1.7km s-min=13.1km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 03 13 42 44.4-28 34.40S 70.06W	3-3	3.6,1.6L						198647429
GUC	Error ellipse: s-maj=1.5km s-min=1.7km az=-1.0.								
GUC	V 05 12 51 13.7-82 34.41S 70.09W	17-2	4.0,3.2L						
NEIC	V 05 12 51 13.7 34.41S 70.09W	17	3.2L,3.2L						198647610
GUC	Error ellipse: s-maj=1.2km s-min=3.0km az=-1.0.								

NEIC	Event type se. After GUC.								
GUC	V 05 16 11 46.0-50 34.43S 70.13W	19-2	3.5,2.3L						
GUC	Error ellipse: s-maj=1.8km s-min=2.8km az=-1.0.								
ISC	V 07 10 47 11.0-93 24.21S-06 67.0W-10 179-14 3.4b	15	7-147						
IDC	V 07 10 								

NEIC	Event type se. After GUC.								
GUC	I 06 19 52 38.4-72	33.08S	70.29W	101-2	3.5L,3.4				
NEIC	I 06 19 52 38.4	33.08S	70.29W	101	3.4,3.4	¶19777202			
GUC	Error ellipse: s-maj=1.3km s-min=3.4km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	I 04 07 19 01.3-70	33.25S	70.13W	110-2	3.6L,3.5				
NEIC	I 04 07 19 01.3	33.25S	70.13W	110	3.5,3.5	¶19777087			
GUC	Error ellipse: s-maj=2.0km s-min=3.5km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	I 01 13 52 14.6--84	24.10S	67.10W	200-0	3.8L	¶19776854			
GUC	Error ellipse: s-maj=8.8km s-min=8.6km az=-1.0.								
GUC	I 02 12 30 22.5--65	23.99S	67.26W	210-0	3.4L				
NEIC	I 02 12 30 22.5	23.99S	67.26W	210	4.2b	¶19776923			
GUC	Error ellipse: s-maj=6.9km s-min=7.0km az=-1.0.								
NEIC	Event type se. After GUC.								
ISC	I 21 21 46 19.1-73	23.42S-05	68.0W-10	78-17	4.5b	14	1-147		
ISC	I 21 21 46 17.5-91	23.42S-06	67.9W-20	86-21	4.5b	¶19484641			
ISC	I 21 21 46 18.6-1.1	23.41S	68.04W	88-16	4.1,4.1b				
NEIC	I 21 21 46 19.4-76	23.34S	68.03W	95-11	3.0b,4.1b				
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=28.7km s-min=10.0km az=12.9.								
NEIC	Event type se. Error ellipse: s-maj=25.6km s-min=15.2km az=88.0.								
NEIC	Event type se. Error ellipse: s-maj=18.4km s-min=9.8km az=100.0.								
GUC	I 28 00 54 43.7--92	31.80S	70.14W	138-6	3.8L,3.7				
NEIC	I 28 00 54 43.7	31.80S	70.14W	138	4.2b,3.7	¶19778179			
GUC	Error ellipse: s-maj=2.8km s-min=9.4km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	I 01 18 01 20.6--80	24.02S	67.20W	205-0	3.5L	¶19776866			
GUC	Error ellipse: s-maj=7.2km s-min=8.2km az=-1.0.								
GUC	I 18 12 42 44.0--56	29.10S	69.76W	87-20	4.0L	¶19777769			
GUC	Error ellipse: s-maj=1.1km s-min=9.4km az=-1.0.								
GUC	I 19 01 04 35.6--89	34.08S	70.33W	9-2	3.9,2.3L	¶19777798			
GUC	Error ellipse: s-maj=2.0km s-min=4.5km az=-1.0.								
GUC	I 03 00 31 29.9--38	24.40S	67.13W	136-20	3.8L	¶19776957			
GUC	Error ellipse: s-maj=5.6km s-min=7.0km az=-1.0.								
GUC	I 08 03 08 25.7-1.0	34.31S	70.12W	18-5	4.1,3.0L	¶19777341			
NEIC	I 08 03 08 25.7	34.31S	70.12W	18	3.0L,3.0L				
GUC	Error ellipse: s-maj=2.0km s-min=5.0km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	I 08 08 24 25.1-80	34.32S	70.13W	15-5	4.1,2.5L	¶19777360			
NEIC	I 08 08 24 25.1	34.32S	70.13W	15	2.5L,2.5L				
GUC	Error ellipse: s-maj=2.0km s-min=3.9km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	I 08 09 56 10.6--54	34.27S	70.18W	5-2	3.5,2.0L	¶19777366			
GUC	Error ellipse: s-maj=2.6km s-min=3.9km az=-1.0.								
GUC	I 31 20 38 58.0--64	33.13S	70.22W	6-6	3.5,2.1L	¶19778328			
GUC	Error ellipse: s-maj=2.4km s-min=4.5km az=-1.0.								
ISC	I 28 03 04 46.4--27	25.39S-03	68.78W-05	113	4.4b	94	2-171		
ISC	I 28 03 04 44.6-26	25.39S-03	68.70W-04	111	4.4b	¶18079454			
MOS	I 28 03 04 45.0-1.2	25.17S	68.48W	104	4.6b				
ISC	I 28 03 04 45.2-88	25.29S	68.85W	119-16	4.9L				
GUC	I 28 03 04 46.1-53	25.38S	68.67W	108-4	4.5,4.3				
BJI	I 28 03 04 46.5	25.30S	68.60W	110	4.9b,4.3				
NEIC	I 28 03 04 46.3-26	25.33S	68.59W	111	4.5b,4.3				
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=5.7km s-min=4.1km az=174.6.								
MOS	Error ellipse: s-maj=16.0km s-min=9.8km az=108.8.								
GUC	Error ellipse: s-maj=3.5km s-min=6.5km az=-1.0.								
ISC	Error ellipse: s-maj=19.7km s-min=8.9km az=81.0.								
NEIC	Event type se. Error ellipse: s-maj=8.8km s-min=6.3km az=79.0.								
ISC	I 20 11 01 14.3-30	32.09S-03	70.19W-05	108-3	4.3b	82	1-175		
MOS	I 20 11 01 12.8-1.1	32.16S	69.86W	112	4.8b	¶18078922			
ISC	I 20 11 01 13.4-30	32.09S-03	70.19W-05	113-3	4.3b				
BJI	I 20 11 01 13.7	32.20S	70.00W	108	4.9b				
NEIC	I 20 11 01 13.7-35	32.15S	70.00W	109-4	4.7b				
GUC	I 20 11 01 13.6-77	32.11S	70.37W	122-5	4.6L				
ISC	I 20 11 01 14.8-71	32.21S	70.05W	115-5	4.1,4.0				
ISC	Event type se.								
MOS	Error ellipse: s-maj=21.9km s-min=10.9km az=78.8.								
ISC	Event type se. Error ellipse: s-maj=6.9km s-min=5.2km az=0.3.								
NEIC	Event type se. Error ellipse: s-maj=7.8km s-min=6.4km az=102.0. Felt [I] at La Ligua, Petorca and Santiago, Chile.								
GUC	Error ellipse: s-maj=2.1km s-min=5.7km az=-1.0.								
ISC	Error ellipse: s-maj=17.9km s-min=9.2km az=165.0.								
ISC	VI 19 09 25 02.8-1.8	23.63S	67.18W	195-27	3.7,3.3b	¶19600185			
ISC	Error ellipse: s-maj=39.0km s-min=27.0km az=123.0.								
ISC	VI 23 03 57 28.5-59	34.36S-03	69.96W-04	17	3.8b,3.6s	50	0-83		
ISC	VI 23 03 57 27.9-58	34.39S-03	69.93W-04	17	3.8b,3.6s	¶18650696			
NEIC	VI 23 03 57 27.2	34.35S	69.89W	17	3.7b,3.4L				
GUC	VI 23 03 57 27.3-67	34.35S	69.89W	17-2	4.0,3.4L				
ISC	VI 23 03 57 29.9-1.9	34.39S	69.45W	0	4.0b,3.9				
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=5.2km s-min=4.2km az=99.2.								
NEIC	Event type se. After GUC.								
GUC	Error ellipse: s-maj=1.9km s-min=3.2km az=-1.0.								
ISC	Error ellipse: s-maj=59.8km s-min=15.9km az=102.0.								
GUC	VI 23 10 35 09.9-81	34.34S	69.94W	1-4	4.1,3.6L	¶18650697			
NEIC	VI 23 10 35 09.9	34.34S	69.94W	1	3.6,3.6L				
GUC	Error ellipse: s-maj=1.5km s-min=5.5km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	VI 30 07 01 48.6-1.6	34.43S	69.84W	0-4	3.6,2.6L	¶18650927			
NEIC	VI 30 07 01 48.6	34.45S	69.80W	14	2.6L,2.6L				
GUC	Error ellipse: s-maj=4.6km s-min=6.8km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	VI 24 03 08 07.2-83	35.06S	70.42W	13-5	3.5,2.6L	¶18650719			
NEIC	VI 24 03 08 07.2	35.06S	70.42W	13	2.6L,2.6L				
GUC	Error ellipse: s-maj=3.9km s-min=10.6km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	VI 23 17 53 54.2-60	33.17S	70.27W	3-4	3.6,1.9L	¶18650699			
GUC	Error ellipse: s-maj=2.0km s-min=2.5km az=-1.0.								
GUC	VI 22 18 41 31.3-79	33.54S	69.97W	7-1	3.8,2.7L	¶18650686			
NEIC	VI 22 18 41 31.3	33.54S	69.97W	7	2.7L,2.7L				
GUC	Error ellipse: s-maj=1.5km s-min=2.6km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	VI 20 22 05 14.2-62	33.34S	70.13W	112-3	3.5,2.5L	¶18650647			
NEIC	VI 20 22 05 14.2	33.34S	70.12W	114	2.6,2.5L				
GUC	Error ellipse: s-maj=2.8km s-min=6.9km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	VI 15 06 44 13.6-95	31.08S	70.24W	126-10	3.9,3.3L	¶18650520			
NEIC	VI 15 06 44 13.6	31.08S	70.24W	126	3.3,3.3L				
GUC	Error ellipse: s-maj=3.0km s-min=18.6km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	VI 10 22 44 43.5-97	30.58S	70.69W	80-7	4.0,3.7L	¶18650428			
NEIC	VI 10 22 44 43.5	30.58S	70.69W	80	3.7,3.7L				
GUC	Error ellipse: s-maj=2.2km s-min=13.4km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	VI 08 09 38 20.1-75	34.48S	70.16W	2-3	3.5,2.0L	¶18650354			
GUC	Error ellipse: s-maj=2.8km s-min=4.1km az=-1.0.								
GUC	VI 05 08 18 10.4-39	34.40S	70.14W	20-2	3.6	¶18650175			
NEIC	VI 05 08 18 10.4	34.40S	70.14W	20	3.6				
GUC	Error ellipse: s-maj=2.1km s-min=2.9km az=-1.0.								

NEIC	Event type se. After GUC.								
GUC	VI 02 00 09 17.6--72	33.30S	70.35W	112-2	3.6L,3.4				
NEIC	VI 02 00 09 17.6	33.30S	70.35W	112	3.6,3.4	¶18649976			
GUC	Error ellipse: s-maj=1.8km s-min=6.1km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	III 17 02 16 12.0-1.0	32.59S	70.03W	110-6	3.5,3.2L				
NEIC	III 17 02 16 12.0	32.59S	70.03W	110	3.5,3.2L	¶110605105			
GUC	Error ellipse: s-maj=2.7km s-min=7.3km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	III 19 15 52 06.1-91	34.13S	70.69W	95-3					

1017Nm; M=0.15±0.07 M_{eq}=0.65±0.07; M_{eq}=0.49±0.07; M_{eq}=0.02±0.06; M_{eq}=0.72±0.06; M_{eq}=1.65±0.06;
 Best double couple: NP1:δ₂₆₁0.0000°; δ₂₉2.0000°; λ₃0.0000°; NP2:δ₁₆₈0.0000°;
 δ₈₈0.0000°; λ₁19.0000°; Principal axes: T 2.0860,Plg40.0000°; Azm104.0000°;
 N -0.4760,Plg29.0000°; Azm347.0000°; P -1.6110,Plg37.0000°; Azm233.0000°;
 M₀1.84800×10¹⁷

GUC Error ellipse: s-maj=3.6km s-min=7.4km az=-1.0.
 MOS Error ellipse: s-maj=26.8km s-min=9.5km az=108.9.
 ISC I 07 19 51 57.5-47 22.95S-03 66.23W-05 228-5 4.2b 73 4-170
 ISC JB I 07 19 51 56.7-48 23.00S-03 66.22W-05 237-5 4.2b ¶18035695
 IDC I 07 19 51 57.2-1.2 22.95S 66.20W 230-10 4.6,4.2
 NEIC I 07 19 51 57.2-55 22.96S 66.22W 225-6 4.6b,4.2
 GUC I 07 19 51 57.5-70 23.39S 66.46W 264-0 4.4,4.2
 BJI I 07 19 51 59.2 23.00S 66.20W 225 5.4b,4.2
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=7.4km s-min=5.0km az=175.7.
 IDC Error ellipse: s-maj=14.7km s-min=11.5km az=75.0.
 NEIC Event type se. Error ellipse: s-maj=8.1km s-min=5.7km az=89.0.
 GUC Error ellipse: s-maj=3.2km s-min=4.1km az=-1.0.
 ISC V 16 12 39 54.7-61 23.87S-05 66.76W-09 188-13 3.5b 30 2-76
 ISC V 16 12 39 53.6-60 23.79S-05 66.81W-09 204-13 3.5b ¶18647884
 IDC V 16 12 39 55.0-1.1 23.63S 66.55W 208-19 4.1,3.7
 NEIC V 16 12 39 57.5 23.78S 67.18W 200 4.3,3.7
 GUC V 16 12 39 57.5-84 23.78S 67.18W 200-0 4.3L,3.9
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=13.6km s-min=7.5km az=31.3.
 IDC Error ellipse: s-maj=24.1km s-min=18.2km az=83.0.
 NEIC Event type se. After GUC.
 GUC Error ellipse: s-maj=6.7km s-min=7.9km az=-1.0.
 IDC V 17 06 29 01.2-2.7 23.13S 66.79W 176-22 3.5,3.3 ¶19599079

IDC Error ellipse: s-maj=51.5km s-min=24.6km az=155.0.
 ISC V 19 04 06 44.1-84 22.58S-08 66.1W-20 255-22 3.7b 14 3-145
 ISC JB V 19 04 06 43.0-85 22.61S-08 66.1W-20 263-22 3.7b ¶19131715
 IDC V 19 04 06 43.6-1.1 22.54S 66.14W 256-19 3.7,3.5b
 NEIC V 19 04 06 43.9-81 22.61S 66.01W 245-16 3.2b,3.5b
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=29.3km s-min=11.9km az=13.6.
 IDC Error ellipse: s-maj=28.4km s-min=16.9km az=110.0.
 NEIC Event type se. Error ellipse: s-maj=22.1km s-min=11.9km az=108.0.
 IDC V 19 11 53 17.8-2.5 23.95S 66.97W 175-26 3.8,3.3b ¶19599172

IDC Error ellipse: s-maj=38.2km s-min=27.1km az=155.0.
 ISC V 31 13 00 07.7-23 23.09S-04 66.41W-05 261 4.5b 156 2-170
 MOS V 31 13 00 07.1-2 22.96S 66.28W 236 4.7b ¶18443069
 ISC JB V 31 13 00 05.8-21 23.14S-03 66.45W-04 260 4.5b
 IDC V 31 13 00 06.6-72 22.86S 66.14W 246-6 4.7,4.2
 GUC V 31 13 00 06.0-50 23.33S 66.33W 266-0 4.4,4.2
 NEIC V 31 13 00 08.3-26 22.93S 66.13W 266 4.6b,4.2
 BJI V 31 13 00 10.2 22.90S 66.10W 265 4.9b,4.2
 ISC Event type se.
 MOS Error ellipse: s-maj=17.0km s-min=7.8km az=118.4.
 ISC JB Event type se. Error ellipse: s-maj=4.8km s-min=4.5km az=115.5.
 IDC Error ellipse: s-maj=13.8km s-min=11.0km az=55.0.
 GUC Error ellipse: s-maj=4.9km s-min=4.9km az=-1.0.
 NEIC Event type se. Error ellipse: s-maj=9.9km s-min=6.4km az=55.0.
 ISC V 20 21 20 24.1-55 22.70S-05 66.19W-09 246-11 4.0b 30 3-145
 ISC JB V 20 21 20 23.0-55 22.76S-05 66.17W-09 255-11 4.0b ¶18647966
 IDC V 20 21 20 23.8-87 22.63S 66.14W 241-13 4.1,3.9b
 NEIC V 20 21 20 24.0-54 22.69S 66.14W 242-18 3.7b,3.9b
 GUC V 20 21 20 25.8-66 23.03S 66.38W 235-19 3.7L,3.9b
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=13.7km s-min=6.9km az=31.0.
 IDC Error ellipse: s-maj=19.3km s-min=13.9km az=111.0.
 NEIC Event type se. Error ellipse: s-maj=15.1km s-min=8.4km az=113.0.
 GUC Error ellipse: s-maj=7.5km s-min=13.7km az=-1.0.
 IDC VI 20 20 08 22.4-9.5 22.55S 66.47W 251-64 3.9,3.3 ¶19600241

IDC Error ellipse: s-maj=113.0km s-min=35.1km az=24.0.
 ISC VI 25 04 15 19.3-43 22.96S-04 66.21W-05 224-4 4.4b 123 3-168
 ISC JB VI 25 04 15 18.5-44 22.98S-04 66.23W-05 230-4 4.4b ¶18495959
 BJI VI 25 04 15 19.0 23.00S 66.20W 222 5.0b
 NEIC VI 25 04 15 19.1-46 22.96S 66.22W 223-4 4.5b
 GUC VI 25 04 15 19.8-51 23.23S 66.56W 250-0 5.4L
 IDC VI 25 04 15 19.6-80 22.88S 66.22W 225-7 4.6,4.2
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=7.5km s-min=5.8km az=44.4.
 NEIC Event type se. Error ellipse: s-maj=6.5km s-min=5.5km az=89.0.
 GUC Error ellipse: s-maj=5.7km s-min=6.2km az=-1.0.
 IDC Error ellipse: s-maj=12.2km s-min=9.8km az=154.0.

(129) Salta Province.
 ISC IV 21 00 14 36.2-51 24.27S-03 66.99W-05 165-5 4.3b 79 3-155
 ISC JB IV 21 00 14 35.2-53 24.27S-03 66.99W-05 171-5 4.3b ¶18320892
 IDC IV 21 00 14 37.0-1.7 24.13S 66.92W 176-15 4.6,4.3
 NEIC IV 21 00 14 37.9 24.37S 67.39W 200 4.5b,4.3
 MOS IV 21 00 14 37.5-1.2 24.16S 66.89W 189 4.3b,4.3
 GUC IV 21 00 14 37.9-70 24.37S 67.39W 200-0 5.1L,4.3
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=7.4km s-min=5.4km az=167.7.
 IDC Error ellipse: s-maj=16.6km s-min=12.1km az=69.0.
 NEIC Event type se. After GUC.
 MOS Error ellipse: s-maj=18.8km s-min=12.3km az=104.8.
 GUC Error ellipse: s-maj=3.1km s-min=5.7km az=-1.0.
 ISC IV 24 20 37 17.7-58 24.04S-05 66.79W-08 197-11 3.9b 23 3-146
 ISC JB IV 24 20 37 16.6-60 24.08S-04 66.79W-08 205-12 3.9b ¶18646536
 IDC IV 24 20 37 16.6-1.5 24.05S 66.71W 187-14 4.0,3.8b
 NEIC IV 24 20 37 17.7-56 24.00S 66.74W 195-7 4.0,3.9b
 GUC IV 24 20 37 19.7-64 24.18S 67.18W 220-0 4.4L,4.0
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=12.2km s-min=7.2km az=11.8.
 IDC Error ellipse: s-maj=21.3km s-min=13.8km az=98.0.
 NEIC Event type se. Error ellipse: s-maj=10.4km s-min=7.9km az=117.0.
 GUC Error ellipse: s-maj=4.1km s-min=5.8km az=-1.0.
 ISC IV 15 10 03 13.9-81 24.14S-05 66.7W-10 183-27 25 3-132
 ISC JB IV 15 10 03 13.2-85 24.11S-06 66.8W-20 204-27 ¶18646044
 IDC IV 15 10 03 13.7-79 24.03S 66.66W 187-15 3.4b
 NEIC IV 15 10 03 13.4-1.3 24.08S 66.64W 177-23 3.6,3.2
 GUC IV 15 10 03 15.2-78 24.07S 67.13W 210-0 3.9L,3.2
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=24.6km s-min=8.0km az=27.2.
 NEIC Event type se. Error ellipse: s-maj=19.8km s-min=9.3km az=114.0.
 IDC Error ellipse: s-maj=25.6km s-min=14.5km az=97.0.
 GUC Error ellipse: s-maj=5.1km s-min=6.9km az=-1.0.
 IDC IV 30 23 25 27.3-2.0 24.01S 66.81W 184-18 3.9,3.6 ¶19598297

IDC Error ellipse: s-maj=26.1km s-min=16.4km az=98.0.
 IDC IV 06 05 43 4.7-4.5 24.53S 65.89W 0 3.9b,3.7L ¶19594353

IDC Error ellipse: s-maj=135.5km s-min=30.2km az=36.0.
 ISC IV 06 18 26 25.1-56 24.05S-04 66.71W-09 189-15 3.2b 31 2-146
 ISC JB IV 06 18 26 24.3-57 24.04S-04 66.76W-09 204-15 3.2b ¶18645827
 IDC IV 06 18 26 25.0-98 24.00S 66.66W 187-16 4.0,3.5
 NEIC IV 06 18 26 25.4-53 23.97S 66.61W 189-11 3.9b,3.5
 GUC IV 06 18 26 27.5-92 24.06S 67.07W 200-0 4.7L,3.5
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=13.7km s-min=6.6km az=19.9.
 IDC Error ellipse: s-maj=20.4km s-min=13.0km az=85.0.
 NEIC Event type se. Error ellipse: s-maj=11.1km s-min=8.2km az=100.0.
 GUC Error ellipse: s-maj=5.2km s-min=8.3km az=-1.0.
 ISC IV 22 20 57 29.6-66 24.14S-06 66.76W-08 191-13 3.2b 20 3-146
 ISC JB IV 22 20 57 28.5-66 24.19S-05 66.75W-08 197-13 3.1b ¶18646430

IDC IV 22 20 57 28.7-1.5 24.15S 66.75W 181-16 3.4,3.2b
 NEIC IV 22 20 57 29.8-65 24.09S 66.70W 194-10 3.5b,3.2b
 GUC IV 22 20 57 32.6-70 24.29S 67.26W 220-0 4.1L,3.2b
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=12.3km s-min=8.0km az=5.5.
 IDC Event type se. Error ellipse: s-maj=25.1km s-min=14.5km az=92.0.
 NEIC Event type se. Error ellipse: s-maj=11.2km s-min=10.8km az=97.0.
 GUC Error ellipse: s-maj=4.6km s-min=7.8km az=-1.0.
 ISC III 13 23 28 33.2-79 24.16S-05 67.0W-10 176-17 3.5b 23 3-147
 ISC JB III 13 23 28 31.9-82 24.21S-05 67.0W-10 191-18 3.5b ¶110603263
 IDC III 13 23 28 31.8-1.7 24.20S 66.91W 162-21 3.5,3.1b
 NEIC III 13 23 28 33.1-75 24.10S 67.02W 172-14 3.6b,3.1b
 GUC III 13 23 28 36.3-80 24.22S 67.30W 200-0 4.2L,3.1b
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=18.3km s-min=7.6km az=11.9.
 IDC Error ellipse: s-maj=39.5km s-min=14.8km az=95.0.
 NEIC Event type se. Error ellipse: s-maj=16.6km s-min=9.2km az=99.0.
 GUC Error ellipse: s-maj=6.0km s-min=6.8km az=-1.0.
 ISC III 05 04 44 57.8-21 24.13S-04 66.99W-06 193 4.6b 175 3-174
 ISC JB III 05 04 44 56.0-23 24.07S-04 66.97W-06 191 4.7b ¶110597632
 GUC III 05 04 44 57.3-86 24.23S 67.40W 170-0 5.5L
 IDC III 05 04 44 57.1-75 24.02S 66.96W 186-6 4.9,4.5
 MOS III 05 04 44 57.6-1.2 23.84S 66.96W 195 4.7b,4.5
 NEIC III 05 04 44 57.6-17 24.04S 66.88W 191 4.7b,4.5
 BJI III 05 04 44 59.6 24.00S 66.90W 191 5.2b,4.5
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=7.8km s-min=5.0km az=124.0.
 GUC Error ellipse: s-maj=9.1km s-min=7.8km az=-1.0.
 IDC Error ellipse: s-maj=14.5km s-min=9.0km az=71.0.
 MOS Error ellipse: s-maj=18.5km s-min=7.8km az=112.7.
 NEIC Event type se. Error ellipse: s-maj=7.6km s-min=4.3km az=67.0.
 ISC III 10 06 12 01.0-64 24.09S-06 66.8W-10 188-17 3.3b 19 3-146
 ISC JB III 10 06 12 01.0-64 24.14S-05 66.78W-10 199-17 3.3b ¶110600889
 IDC III 10 06 12 02.3-1.7 24.02S 66.73W 192-17 3.5,3.2b
 NEIC III 10 06 12 02.4-95 24.03S 66.73W 191-12 3.4b,3.2b
 GUC III 10 06 12 05.0-57 24.17S 67.13W 200-0 4.0L,3.2b
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=14.8km s-min=7.7km az=13.5.
 IDC Error ellipse: s-maj=25.8km s-min=16.2km az=94.0.
 NEIC Event type se. Error ellipse: s-maj=16.6km s-min=10.0km az=103.0.
 GUC Error ellipse: s-maj=8.1km s-min=5.5km az=-1.0.
 ISC III 17 21 01 01.4-76 24.25S-06 66.7W-10 206-18 3.4b 19 3-147
 ISC JB III 17 21 01 00.6-80 24.23S-06 66.7W-10 221-19 3.4b ¶110605611
 NEIC III 17 21 01 01.3-83 24.09S 66.77W 185-12 4.0b
 IDC III 17 21 01 01.6-20 24.05S 66.34W 184-20 3.5,3.4b
 GUC III 17 21 01 02.8-85 24.33S 67.04W 220-0 4.0L,3.4b
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=17.2km s-min=10.1km az=179.0.
 NEIC Event type se. Error ellipse: s-maj=14.9km s-min=13.4km az=77.0.
 IDC Error ellipse: s-maj=28.8km s-min=20.7km az=111.0.
 GUC Error ellipse: s-maj=5.9km s-min=8.1km az=-1.0.
 ISC III 19 20 45 52.7-55 24.06S-04 66.89W-06 176-7 3.4b 31 3-147
 ISC JB III 19 20 45 51.9-56 24.09S-04 66.88W-06 186-8 3.4b ¶110606780
 NEIC III 19 20 45 52.8-56 24.04S 66.91W 178-7 3.4b
 IDC III 19 20 45 52.1-1.5 24.07S 66.88W 173-14 3.7,3.4
 GUC III 19 20 45 55.5-72 24.35S 67.34W 215-0 4.6L,3.4
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=9.3km s-min=6.8km az=29.6.
 NEIC Event type se. Error ellipse: s-maj=8.8km s-min=7.1km az=91.0.
 IDC Error ellipse: s-maj=19.0km s-min=11.5km az=94.0.
 GUC Error ellipse: s-maj=6.0km s-min=8.2km az=-1.0.
 ISC VI 16 14 39 17.9-67 24.06S-06 66.68W-09 191-8 3.9b 28 3-146
 ISC JB VI 16 14 39 17.0-70 24.05S-06 66.65W-09 196-8 3.8b ¶19222096
 NEIC VI 16 14 39 17.8-61 24.05S 66.63W 190-7 4.0b
 IDC VI 16 14 39 18.2-95 24.00S 66.71W 194-10 4.2,3.7b
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=13.2km s-min=9.4km az=171.8.
 NEIC Event type se. Error ellipse: s-maj=10.3km s-min=7.5km az=95.0.
 IDC Error ellipse: s-maj=16.2km s-min=13.6km az=54.0.
 IDC VI 03 20 33 30.0-5.5 24.21S 66.91W 174-55 3.4,3.1 ¶19599768

IDC Error ellipse: s-maj=78.1km s-min=66.1km az=139.0.
 IDC VI 06 12 45 09.5-1.2 24.16S 66.86W 194-21 3.8,3.4b ¶19599845

IDC Error ellipse: s-maj=31.0km s-min=14.0km az=89.0.
 ISC IV 11 02 06 36.5-52 24.21S-04 66.88W-06 179-6 4.0b 46 2-156
 ISC JB IV 11 02 06 35.4-54 24.21S-04 66.86W-06 182-6 4.0b ¶18645920
 IDC IV 11 02 06 35.8-93 24.18S 66.81W 175-8 4.3,3.9b
 NEIC IV 11 02 06 37.8-44 24.22S 66.89W 200 4.5b,3.9b
 GUC IV 11 02 06 37.6-88 24.16S 67.31W 220-0 4.8L,3.9b
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=8.7km s-min=7.2km az=3.8.
 IDC Error ellipse: s-maj=13.5km s-min=10.6km az=59.0.
 NEIC Event type se. Error ellipse: s-maj=11.4km s-min=9.9km az=107.0.
 GUC Error ellipse: s-maj=4.7km s-min=7.4km az=-1.0.
 ISC II 14 11 22 47.0-1.3 24.3S-10 66.8W-20 208-26 3.6b 14 3-147
 ISC JB II 14 11 22 46.2-1.3 24.3S-10 66.9W-20 225-26 3.6b ¶19570819
 IDC II 14 11 22 48.8-88 24.23S 67.01W 190-0 4.4L
 GUC II 14 11 23 15.6-15 19.88S 66.24W 381-85 4.0,3.3b
 ISC JB Error ellipse: s-maj=36.8km s-min=12.1km az=41.1.
 GUC Error ellipse: s-maj=4.9km s-min=7.4km az=-1.0.
 IDC Error ellipse: s-maj=35.5km s-min=36.8km az=10.0.
 ISC II 18 03 02 05.4-1.0 24.04S-07 66.8W-20 193-16 3.4b 12 8-146
 IDC II 18 03 02 03.6-1.6 24.11S 66.79W 178-15 3.7,3.4b ¶19571237
 ISC JB II 18 03 02 04.5-1.1 24.07S-06 66.8W-20 196-17 3.4b,3.4b
 NEIC II 18 03 02 05.2-91 24.03S 66.82W 193-10 3.8b,3.4b
 ISC Event type se.
 IDC Error ellipse: s-maj=28.1km s-min=14.0km az=99.0.
 ISC JB Event type se. Error ellipse: s-maj=26.7km s-min=10.3km az=175.9.
 NEIC Event type se. Error ellipse: s-maj=19.6km s-min=9.3km az=98.0.
 ISC IV 24 19 44 27.1-99 24.13S-06 66.9W-10 195-13 3.3b 12 8-147
 ISC JB IV 24 19 44 26.5-1.0 24.14S-06 66.8W-10 203-13 3.3b ¶19597883
 NEIC IV 24 19 44 27.1-94 24.15S 66.87W 196-10 3.8b
 IDC IV 24 19 44 27.2-1.8 24.10S 66.83W 195-16 3.7,3.4
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=20.1km s-min=10.0km az=158.6.
 NEIC Event type se. Error ellipse: s-maj=15.6km s-min=9.5km az=93.0.
 IDC Error ellipse: s-maj=22.9km s-min=16.8km az=80.0.
 ISC II 20 20 17 03.2-88 24.30S-05 67.0W-10 164-20 3.6b 19 3-147
 ISC JB II 20 20 17 02.2-93 24.31S-05 67.0W-10 182-21 3.6b ¶18447832
 NEIC II 20 20 17 02.9-95 24.16S 67.01W 160-17 3.6b
 IDC II 20 20 17 04.0-2.0 24.27S 66.75W 169-21 4.0,3.5b
 GUC II 20 20 17 06.2-92 24.34S 67.36W 180-0 4.1L,3.5b
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=20.6km s-min=8.0km az=12.8.
 NEIC Event type se. Error ellipse: s-maj=21.5km s-min=11.7km az=118.0.
 IDC Error ellipse: s-maj=39.9km s-min=19.4km az=108.0.
 GUC Error ellipse: s-maj=7.0km s-min=9.5km az=-1.0.
 ISC V 28 01 23 35.8-58 22.93S-07 63.9W-10 538-11 3.7b 21 5-144
 ISC JB V 28 01 23 35.2-58 22.91S-07 63.8W-10 540-12 3.7b ¶191322210
 IDC V 28 01 23 35.4-85 22.86S 63.90W 534-15 4.1,3.4b
 NEIC V 28 01 23 36.0-61 22.86S 63.83W 539-10 4.4b,3.4b
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=14.5km s-min=10.5km az=169.0.
 IDC Error ellipse: s-maj=22.0km s-min=18.9km az=86.0.
 NEIC Event type se. Error ellipse: s-maj=16.2km s-min=13.1km az=213.0.
 ISC V 28 17 59 11.4-1.1 24.17S-07 66.9W-20 124-37 15 2-20
 ISC JB V 28 17 59 10.5-1.2 24.15S-07 66.9W-20 142-35 ¶19132231
 IDC V 28 17 59 11.2-1.9 24.14S 66.91W 131-61 3.8,3.4
 NEIC V 28 17 59 11.1-94 24.20S 66.80W 117-33 3.8,3.4
 ISC Event type se.

ISCJB	VI	25 08 19 54.0-1.2	27.06S-07	65.3W-10	39-14	3.9b,4.1			
NEIC	VI	25 08 19 56.1-1.0	27.08S	65.31W	41-10	3.9b,4.1			
ISC		Event type se.							
IDC		Error ellipse: s-maj=31.7km s-min=24.2km az=118.0.							
ISCJB		Event type se. Error ellipse: s-maj=16.8km s-min=9.9km az=46.2.							
NEIC		Event type se. Error ellipse: s-maj=14.4km s-min=12.4km az=90.0.							
(134) Off coast of central Chile.									
ISC	IV	17 05 18 42.4-2.1	29.63S-04	72.11W-08	35-16	4.3b,3.6s	46	1-154	
IDC	IV	17 05 18 38.5-95	29.55S	72.10W	0	4.5L,4.4b			
ISCJB	IV	17 05 18 39.9-1.9	29.63S-04	72.22W-06	32-15	4.3b,3.6s			
GUC	IV	17 05 18 41.4-72	29.68S	72.04W	40-0	4.5L,3.6s			
NEIC	IV	17 05 18 42.2-68	29.58S	72.10W	31	4.5L,4.5b			
ISC		Event type se.							
IDC		Error ellipse: s-maj=23.1km s-min=18.8km az=65.0.							
ISCJB		Event type se. Error ellipse: s-maj=9.5km s-min=5.6km az=150.2.							
GUC		Error ellipse: s-maj=2.7km s-min=4.9km az=-1.0.							
NEIC		Event type se. Error ellipse: s-maj=15.9km s-min=8.4km az=82.0.							
GUC	IV	02 18 50 48.5-66	34.89S	74.09W	50-0	3.8L,3.7			
NEIC	IV	02 18 50 48.5	34.89S	74.09W	50	3.7,3.7			
GUC		Error ellipse: s-maj=3.0km s-min=7.0km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	IV	15 15 52 37.6-73	32.69S	72.02W	39-3	3.5,2.2L			
NEIC	IV	15 15 52 37.6	32.69S	72.02W	39	3.5,2.2L			
GUC		Error ellipse: s-maj=2.5km s-min=5.2km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	IV	16 03 03 23.4-79	29.65S	72.07W	36-6	3.7,3.4L			
NEIC	IV	16 03 03 23.4	29.65S	72.07W	36	3.7,3.4L			
GUC		Error ellipse: s-maj=6.4km s-min=7.8km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	IV	16 04 04 59.3-38	29.60S	72.22W	30-3	4.2,4.0L			
NEIC	IV	16 04 04 59.3-38	29.60S	72.22W	30-3	4.2,4.0L			
GUC		Error ellipse: s-maj=3.5km s-min=3.7km az=-1.0.							
GUC	IV	16 09 53 18.1-85	29.68S	72.07W	25-6	3.9,3.8L			
NEIC	IV	16 09 53 18.1	29.68S	72.07W	25	3.8L,3.8L			
GUC		Error ellipse: s-maj=5.4km s-min=7.0km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	IV	15 00 36 51.9-77	33.88S	72.58W	36-2	3.5,3.0L			
NEIC	IV	15 00 36 51.9	33.88S	72.58W	36	3.5,3.0L			
GUC		Error ellipse: s-maj=4.9km s-min=4.7km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	IV	10 07 59 11.5-88	31.56S	72.09W	33-4	4.0,3.1L			
NEIC	IV	10 07 59 11.5	31.56S	72.09W	33	3.1L,3.1L			
GUC		Error ellipse: s-maj=2.6km s-min=7.6km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	IV	29 10 25 11.0-68	32.55S	72.47W	42-2	3.7,3.5L			
NEIC	IV	29 10 25 11.0	32.55S	72.47W	42	3.7,3.5L			
GUC		Error ellipse: s-maj=1.7km s-min=3.4km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	IV	26 23 39 00.6-77	33.38S	72.45W	26-10	3.8,3.0L			
NEIC	IV	26 23 39 00.6	33.38S	72.45W	26	3.0L,3.0L			
GUC		Error ellipse: s-maj=5.6km s-min=5.6km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	III	09 00 34 08.0-58	33.01S	72.17W	26-5	3.5,2.2L			
NEIC	III	09 00 34 08.0-58	33.01S	72.17W	26-5	3.5,2.2L			
GUC		Error ellipse: s-maj=4.1km s-min=4.3km az=-1.0.							
GUC	III	11 04 17 16.1-88	33.76S	72.74W	33-3	3.9,3.4L			
NEIC	III	11 04 17 16.1	33.76S	72.74W	33	3.4L,3.4L			
GUC		Error ellipse: s-maj=5.0km s-min=5.3km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	III	12 08 22 42.2-90	33.40S	72.40W	35-2	4.1,3.4L			
NEIC	III	12 08 22 42.2	33.40S	72.40W	35	3.4L,3.4L			
GUC		Error ellipse: s-maj=2.3km s-min=4.0km az=-1.0.							
ISC		Event type se. After GUC.							
ISC	III	06 03 57 33.8-1.5	32.74S-04	73.10W-06	16-12	4.1b	64	1-157	
IDC	III	06 03 57 30.9-2.2	32.86S	73.27W	0	4.0b,3.9			
ISCJB	III	06 03 57 33.4-1.4	32.75S-04	73.16W-05	27-13	4.1b,3.9			
NEIC	III	06 03 57 34.5	32.69S	73.05W	35	4.3b,4.0L			
GUC	III	06 03 57 34.5-73	32.69S	73.05W	35-3	4.2,4.0L			
ISC		Event type se.							
IDC		Error ellipse: s-maj=49.7km s-min=31.7km az=104.0.							
ISCJB		Event type se. Error ellipse: s-maj=6.9km s-min=6.4km az=170.4.							
NEIC		Event type se. After GUC.							
GUC		Error ellipse: s-maj=2.2km s-min=3.9km az=-1.0.							
GUC	III	03 03 54 25.1-58	32.86S	73.02W	29-3	3.9,3.0L			
NEIC	III	03 03 54 25.1	32.86S	73.02W	29	3.0L,3.0L			
GUC		Error ellipse: s-maj=6.4km s-min=4.7km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	III	01 17 41 01.6-38	33.97S	73.10W	31-3	3.6			
NEIC	III	01 17 41 01.6-38	33.97S	73.10W	31-3	3.6			
GUC		Error ellipse: s-maj=6.0km s-min=5.6km az=-1.0.							
ISC	VI	08 18 58 03.4-81	30.79S-04	72.96W-08	35	4.2b	32	2-84	
IDC	VI	08 18 57 56.1-3.1	30.69S	73.49W	0	4.4b,4.0			
ISCJB	VI	08 18 58 01.4-85	30.86S-04	73.07W-07	33	4.2b,4.0			
NEIC	VI	08 18 58 03.7	30.88S	72.84W	34	3.8L,3.8b			
GUC	VI	08 18 58 03.7-89	30.88S	72.84W	34-9	4.0,3.8L			
ISC		Event type se.							
IDC		Error ellipse: s-maj=68.5km s-min=29.6km az=94.0.							
ISCJB		Event type se. Error ellipse: s-maj=8.9km s-min=6.3km az=158.7.							
NEIC		Event type se. After GUC.							
GUC		Error ellipse: s-maj=7.7km s-min=6.8km az=-1.0.							
GUC	II	03 13 01 24.1-63	36.43S	74.51W	47-999	3.7			
NEIC	II	03 13 01 24.1	36.43S	74.51W	47	3.7			
GUC		Error ellipse: s-maj=22.1km s-min=18.5km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	II	13 10 49 22.5-82	32.99S	72.18W	10-23	3.6,2.5L			
NEIC	II	13 10 49 22.5-82	32.99S	72.18W	10-23	3.6,2.5L			
GUC		Error ellipse: s-maj=7.7km s-min=20.4km az=-1.0.							
GUC	II	15 15 28 51.7-69	32.83S	73.04W	23-5	3.5L			
NEIC	II	15 15 28 51.7-69	32.83S	73.04W	23-5	3.5L			
GUC		Error ellipse: s-maj=7.2km s-min=6.4km az=-1.0.							
ISC	II	19 19 18 14.6-50	33.25S-03	72.11W-05	43-6	4.5b,4.2s	93	0-165	
ISCJB	II	19 19 18 13.7-49	33.26S-02	72.12W-05	51-5	4.5b,4.2s			
NEIC	II	19 19 18 14.0	33.23S	72.06W	54	4.5b,4.2s			
NEIC	II	19 19 18 14.0-91	33.23S	72.06W	54-10	5.1L,2.4s			
IDC	II	19 19 18 17.1-2.5	33.29S	71.99W	69-21	4.5,4.3			
ISC		Event type se.							
ISCJB		Event type fe. Error ellipse: s-maj=6.7km s-min=3.8km az=33.9.							
NEIC		Event type fe. Felt [IV] at Papudo, Puchuncavi and Quilpué; [III] at Melipilla, Quillota, Rancagua, San Antonio, Santiago, Valparaiso and Vina del Mar; [II] at Talca. After GUC.							
GUC		Error ellipse: s-maj=1.7km s-min=2.9km az=-1.0.							
IDC		Error ellipse: s-maj=20.1km s-min=13.8km az=98.0.							
GUC	II	26 09 22 31.6-73	38.35S	74.75W	50-0	4.2L			
NEIC	II	26 09 22 31.6-73	38.35S	74.75W	50-0	4.2L			
GUC		Error ellipse: s-maj=5.6km s-min=8.5km az=-1.0.							
GUC	V	19 23 43 29.1-93	33.10S	72.13W	42-2	3.6,2.8L			
NEIC	V	19 23 43 29.1	33.10S	72.13W	42	2.8,2.8L			
GUC		Error ellipse: s-maj=2.6km s-min=4.5km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	V	21 14 00 58.8-72	33.91S	72.60W	26-4	3.6,2.6L			
NEIC	V	21 14 00 58.8	33.91S	72.60W	26	2.6L,2.6L			
GUC		Error ellipse: s-maj=4.5km s-min=5.4km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	V	14 15 12 27.2-72	33.36S	72.39W	27-9	3.7,2.8L			
NEIC	V	14 15 12 27.2	33.36S	72.39W	27	2.8L,2.8L			
GUC		Error ellipse: s-maj=3.8km s-min=5.0km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	V	14 00 08 51.2-79	32.96S	72.06W	19-24	3.7,2.6L			
NEIC	V	14 00 08 51.2	32.96S	72.06W	19	2.6L,2.6L			
GUC		Error ellipse: s-maj=2.1km s-min=4.3km az=-1.0.							
ISC		Event type se. After GUC.							

GUC	V	02 09 05 06.4-98	29.63S	72.07W	32-6	4.1,3.6L			
NEIC	V	02 09 05 06.4	29.63S	72.07W	32	3.6L,3.6L			
GUC		Error ellipse: s-maj=3.6km s-min=7.5km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	I	29 16 38 31.5-85	32.99S	72.12W	28-6	3.8,3.1L			
NEIC	I	29 16 38 31.5	32.99S	72.12W	28	3.1L,3.1L			
GUC		Error ellipse: s-maj=2.7km s-min=4.1km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	I	28 00 32 03.6-65	30.87S	72.04W	29-3	3.9,3.3L			
NEIC	I	28 00 32 03.6	30.87S	72.04W	29	3.3L,3.3L			
GUC		Error ellipse: s-maj=3.8km s-min=4.7km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	I	17 14 41 02.3-72	33.96S	72.03W	38-3	3.6,2.7L			
NEIC	I	17 14 41 02.3	33.96S	72.03W	38	3.6,2.7L			
GUC		Error ellipse: s-maj=2.6km s-min=4.2km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	I	12 23 16 26.6-72	32.65S	72.87W	21-4	3.7,2.8L			
NEIC	I	12 23 16 26.6	32.65S	72.87W	21	2.8L,2.8L			
GUC		Error ellipse: s-maj=6.9km s-min=6.4km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	I	04 11 56 20.3-76	33.02S	72.04W	12-1	3.9,3.6L			
NEIC	I	04 11 56 20.3	33.02S	72.04W	12	3.6L,3.6L			
GUC		Error ellipse: s-maj=1.5km s-min=2.4km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	I	06 09 58 47.4-47	33.33S	72.94W	34-1	3.3,2.7L			
NEIC	I	06 09 58 47.4	33.33S	72.94W	34	2.7L,2.7L			
GUC		Error ellipse: s-maj=2.1km s-min=2.5km az=-1.0.							
ISC		Event type se. After GUC.							
GUC	I	02 22 51 57.2-2.1	32.36S	72.92W	19-13	4.0,3.9L			
NEIC	I	02 22 51 57.2	32.36S	72.92W	19	3.9L,3.9L			
GUC									

GUC	V	07 02 00 21.3-60	28.28S	71.26W	15-4	3.8,3.6L		NEIC	V	30 23 32 34.6	32.11S	71.79W	29	4.2b,4.1L	
NEIC	V	07 02 00 21.3	28.28S	71.26W	15	3.6L,3.6L	¶8647676	GUC	V	30 23 32 34.6-86	32.11S	71.79W	29-3	4.2,4.1L	
GUC		Error ellipse: s-maj=1.0km	s-min=6.0km	az=-1.0.				ISC		Event type se.					
GUC		Event type se. After GUC.						ISCJB		Event type se. Error ellipse: s-maj=9.6km s-min=3.9km az=172.7.					
NEIC	V	04 21 40 19.4-58	32.12S	71.68W	34-2	3.6,2.7L		GUC		Error ellipse: s-maj=38.1km s-min=18.1km az=108.0.					
GUC	V	04 21 40 19.4	32.11S	71.68W	35	2.7L,2.7L	¶8647516	NEIC		Event type se. After GUC.					
NEIC	V	04 21 40 19.4	32.11S	71.68W				GUC		Error ellipse: s-maj=1.3km s-min=4.6km az=-1.0.					
GUC		Error ellipse: s-maj=1.4km	s-min=4.3km	az=-1.0.				NEIC	V	04 15 45 03.0-1.0	32.57S	71.54W	47-9	3.5L	
NEIC	V	05 09 31 02.7-98	31.78S	71.75W	54-5	3.5,2.7L	¶8647603	NEIC	V	04 15 45 03.0	32.57S	71.54W	47	3.5	¶8647510
GUC		Error ellipse: s-maj=2.1km	s-min=8.6km	az=-1.0.				GUC		Error ellipse: s-maj=3.8km s-min=14.2km az=-1.0.					
GUC	V	05 13 56 30.1-67	32.62S	71.54W	15-3	3.6,2.8L		NEIC	V	08 09 07 54.5-64	32.37S	71.47W	46-2	3.7,2.5L	
NEIC	V	05 13 56 30.1	32.62S	71.54W	15	2.8L,2.8L	¶8647611	NEIC	V	08 09 07 54.5	32.37S	71.47W	46	2.5,2.5L	¶8647706
GUC		Error ellipse: s-maj=1.1km	s-min=3.0km	az=-1.0.				GUC		Error ellipse: s-maj=1.4km s-min=3.4km az=-1.0.					
NEIC	V	06 01 50 55.6-96	31.99S	71.39W	42-3	3.5,2.7L		NEIC	V	10 16 18 09.6-54	34.43S-03	72.22W-07	51-7	3.8b	64
GUC	V	06 01 50 55.6	31.99S	71.39W	42	2.7,2.7L	¶8647638	IDC	V	10 16 18 03.0-1.5	34.55S	72.70W	0	4.3L,4.0	
NEIC	V	06 01 50 55.6	31.99S	71.39W				ISCJB	V	10 16 18 08.8-52	34.44S-03	72.20W-07	61-6	3.8b,4.0	¶8647768
GUC		Error ellipse: s-maj=3.1km	s-min=6.1km	az=-1.0.				NEIC	V	10 16 18 09.2	34.44S	72.17W	47	4.3,3.9b	
NEIC	V	06 10 23 22.8-86	31.84S	71.57W	54-4	3.6,2.8L	¶8647646	GUC	V	10 16 18 09.2-88	34.44S	72.17W	47-6	4.3,4.2L	
GUC		Error ellipse: s-maj=1.6km	s-min=6.3km	az=-1.0.				ISC		Event type fe.					
GUC	V	03 19 13 57.7-79	32.70S	71.78W	10-5	3.5,2.7L		IDC		Error ellipse: s-maj=43.5km s-min=28.7km az=95.0.					
NEIC	V	03 19 13 57.7	32.70S	71.78W	10	2.7L,2.7L	¶8647440	ISCJB		Event type fe. Error ellipse: s-maj=9.5km s-min=3.8km az=44.2.					
GUC		Error ellipse: s-maj=1.8km	s-min=5.0km	az=-1.0.				NEIC		Event type fe. Felt [III] at Pichilemu and San Antonio; [II] at Curico, Rancagua, San Fernando, Santiago and Talca. After GUC.					
NEIC	V	04 04 48 45.1-78	34.57S	72.25W	26-4	3.6,2.9L		GUC		Error ellipse: s-maj=1.9km s-min=4.3km az=-1.0.					
GUC	V	04 04 48 45.1	34.57S	72.25W	26	2.9L,2.9L	¶8647499	GUC	V	12 09 17 53.5-74	32.02S	71.38W	40-1	4.1,3.0L	
NEIC	V	04 04 48 45.1	34.57S	72.25W				NEIC	V	12 09 17 53.5	32.02S	71.38W	40	3.0,3.0L	¶8338867
GUC		Error ellipse: s-maj=1.9km	s-min=4.0km	az=-1.0.				GUC		Error ellipse: s-maj=1.1km s-min=3.5km az=-1.0.					
NEIC	V	04 05 01 58.6-80	30.91S	71.72W	54-10	3.8,3.3L		NEIC	V	14 07 41 42.1-90	32.65S	71.58W	8-2	3.7,2.4L	
GUC	V	04 05 01 58.6	30.91S	71.72W	54	3.8,3.3L	¶8647501	GUC		Error ellipse: s-maj=1.9km s-min=3.7km az=-1.0.					
NEIC	V	04 05 01 58.6	30.91S	71.72W				GUC	V	15 17 22 05.4-74	36.08S	72.38W	41-3	4.2,4.0L	
GUC		Error ellipse: s-maj=1.9km	s-min=7.3km	az=-1.0.				NEIC	V	15 17 22 05.4	36.08S	72.38W	41	4.0,4.0L	¶8647864
NEIC	V	01 21 25 21.9-91	32.53S	71.73W	15-999	3.6,2.4L	¶8646871	GUC		Error ellipse: s-maj=2.9km s-min=5.4km az=-1.0.					
GUC		Error ellipse: s-maj=2.8km	s-min=5.0km	az=-1.0.				NEIC	V	31 14 26 52.0-61	32.05S	71.48W	65-8	3.6,2.7L	
GUC	V	31 19 26 48.4-69	29.90S	71.97W	1-3	3.5L,3.5	¶8649905	NEIC	I	31 14 26 52.0	32.05S	71.48W	65	3.6,2.7L	¶9778315
GUC		Error ellipse: s-maj=1.8km	s-min=3.3km	az=-1.0.				GUC		Error ellipse: s-maj=4.8km s-min=5.5km az=-1.0.					
GUC	V	23 22 52 08.5-62	30.95S	71.65W	14-5	3.6,2.7L		NEIC	I	29 10 56 36.8-89	34.40S	72.26W	13-4	4.0,3.7L	
NEIC	V	23 22 52 08.5	30.95S	71.65W	14	2.7L,2.7L	¶8648055	NEIC	I	29 10 56 36.8	34.40S	72.26W	13	3.7L,3.7L	¶9778227
GUC		Error ellipse: s-maj=1.7km	s-min=5.2km	az=-1.0.				GUC		Error ellipse: s-maj=1.7km s-min=4.4km az=-1.0.					
NEIC	V	25 11 14 40.6-90	34.96S	71.02W	103-5	3.5,3.3L		NEIC	V	24 11 33 42.4-54	30.78S	71.60W	55-18	3.6L,3.4	
GUC	V	25 11 14 40.6	34.96S	71.02W	103	3.3,3.3L	¶8648163	GUC		Error ellipse: s-maj=3.2km s-min=7.2km az=-1.0.					
NEIC	V	25 11 14 40.6	34.96S	71.02W				GUC	V	23 10 21 24.4-68	30.78S	71.44W	36-2	3.9,3.8L	
GUC		Error ellipse: s-maj=4.6km	s-min=7.9km	az=-1.0.				NEIC	I	23 10 21 24.4	30.78S	71.44W	36	3.8L,3.8L	¶9778003
NEIC	V	26 04 58 31.2-76	35.49S	72.58W	29-2	3.8,3.1L		GUC		Error ellipse: s-maj=2.6km s-min=4.8km az=-1.0.					
GUC	V	26 04 58 31.2	35.49S	72.58W	29	3.1L,3.1L	¶8648184	NEIC	V	23 03 06 20.0-59	33.96S	71.23W	63-2	3.7,3.7L	
NEIC	V	26 04 58 31.2	35.49S	72.58W				NEIC	I	23 03 06 20.0	33.96S	71.23W	63	3.7,3.7L	¶9778000
GUC		Error ellipse: s-maj=1.9km	s-min=4.1km	az=-1.0.				GUC		Error ellipse: s-maj=0.9km s-min=1.6km az=-1.0.					
NEIC	V	26 05 07 24.6-1.1	35.42S	72.62W	40-4	3.9,3.1L		NEIC	V	22 05 36 34.5-38	31.48S	71.78W	35-1	3.5,3.0L	
GUC	V	26 05 07 24.6	35.42S	72.62W	40	3.1,3.1L	¶8648185	GUC		Event type se. After GUC.					
NEIC	V	26 05 07 24.6	35.42S	72.62W				NEIC	V	22 05 36 34.5	31.48S	71.78W			
GUC		Error ellipse: s-maj=5.4km	s-min=7.7km	az=-1.0.				GUC		Error ellipse: s-maj=1.6km s-min=3.4km az=-1.0.					
NEIC	V	26 05 15 26.7-84	35.47S	72.63W	27-2	4.1,3.8L		NEIC	V	21 19 15 16.4-68	34.98S	71.55W	55-5	3.5,3.2L	
GUC	V	26 05 15 26.7	35.47S	72.63W	27	3.8L,3.8L	¶8648186	NEIC	I	21 19 15 16.4	34.98S	71.55W	55	3.5,3.2L	¶9777934
NEIC	V	26 05 15 26.7	35.47S	72.63W				GUC		Error ellipse: s-maj=3.4km s-min=5.4km az=-1.0.					
GUC		Error ellipse: s-maj=2.0km	s-min=4.1km	az=-1.0.				NEIC	V	20 21 42 47.1-86	32.71S	71.71W	28-8	3.6,2.6L	
NEIC	V	26 18 42 32.8-60	32.66S	71.78W	32-2	4.4,3.9L		NEIC	I	20 21 42 47.1	32.71S	71.71W	28	2.6L,2.6L	¶9777877
GUC	V	26 18 42 32.8	32.66S	71.78W	32	3.9L,3.9L	¶8648198	GUC		Error ellipse: s-maj=1.8km s-min=3.9km az=-1.0.					
NEIC	V	26 18 42 32.8	32.66S	71.78W				NEIC	V	20 19 23 23.9-58	32.64S	71.04W	11-3	3.5,2.0L	
GUC		Error ellipse: s-maj=1.1km	s-min=2.7km	az=-1.0.				GUC		Event type se. After GUC.					
NEIC	V	27 13 45 51.3-64	30.47S	71.44W	50-5	4.0,3.8L		NEIC	V	20 12 23 24.9-84	32.12S	71.89W	26-4	4.2,3.8L	
GUC	V	27 13 45 51.3	30.47S	71.44W	50	3.8,3.8L	¶8648224	NEIC	I	20 12 23 24.9	32.12S	71.89W	26	3.8L,3.8L	¶9777859
NEIC	V	27 13 45 51.3	30.47S	71.44W				GUC		Error ellipse: s-maj=2.2km s-min=4.5km az=-1.0.					
GUC		Error ellipse: s-maj=1.6km	s-min=8.7km	az=-1.0.				NEIC	V	19 10 23 37.7-58	32.50S	71.74W	31-6	3.5,2.4L	
NEIC	V	28 00 12 04.6-82	32.58S	71.72W	28-6	3.6,2.6L		GUC		Error ellipse: s-maj=8.2km s-min=9.3km az=-1.0.					
GUC	V	28 00 12 04.6	32.58S	71.72W	28	2.6L,2.6L	¶8649696	GUC	V	19 04 31 25.7-83	31.71S	71.75W	32-3	3.7,2.8L	
NEIC	V	28 00 12 04.6	32.58S	71.72W				NEIC	I	19 04 31 25.7	31.71S	71.75W	32	2.8L,2.8L	¶9777802
GUC		Error ellipse: s-maj=2.0km	s-min=6.0km	az=-1.0.				GUC		Error ellipse: s-maj=2.7km s-min=7.7km az=-1.0.					
NEIC	V	22 10 50 52.2-86	30.40S	71.60W	37-5	4.0,2.9L		NEIC	V	18 02 47 24.9-72	32.39S	71.67W	28-3	3.8,2.9L	
GUC	V	22 10 50 52.2	30.40S	71.60W	37	2.9,2.9L	¶8648002	NEIC	I	18 02 47 24.9	32.39S	71.67W	28	2.9L,2.9L	¶9777760
NEIC	V	22 10 50 52.2	30.40S	71.60W				GUC		Error ellipse: s-maj=1.1km s-min=3.3km az=-1.0.					
GUC		Error ellipse: s-maj=2.9km	s-min=10.1km	az=-1.0.				NEIC	V	18 00 22 31.6-70	30.56S	71.22W	76-5	4.0,3.3L	
NEIC	V	22 12 04 08.5-68	33.30S	71.95W	29-4	4.4,4.2L		NEIC	I	18 00 22 31.6	30.56S	71.22W	76	4.0,3.3L	¶9777757
GUC	V	22 12 04 08.5	33.30S	71.95W	29	4.2L,4.2L	¶8648004	GUC		Error ellipse: s-maj=2.2km s-min=10.2km az=-1.0.					
NEIC	V	22 12 04 08.5	33.30S	71.95W				NEIC	V	17 00 56 15.4-69	34.98S	72.02W	22-10	3.5	
GUC		Error ellipse: s-maj=1.6km	s-min=3.5km	az=-1.0.				GUC		Error ellipse: s-maj=9.4km s-min=9.5km az=-1.0.					
NEIC	V	22 18 01 19.3-68	31.31S	71.59W	29-2	4.0,3.0L		NEIC	V	15 07 20 04.8-60	31.35S	71.64W	39-1	3.5,3.2L	
GUC	V	22 18 01 19.3	31.31S	71.59W	29	3.0L,3.0L	¶8648013	NEIC	I	15 07 20 04.8	31.35S	71.64W	39	3.5,3.2L	¶8078674
NEIC	V	22 18 01 19.3	31.31S	71.59W				GUC		Error ellipse: s-maj=2.2km s-min=3.6km az=-1.0.					
GUC		Error ellipse: s-maj=1.3km	s-min=4.1km	az=-1.0.				NEIC	V	14 20 58 25.3-75	33.81S	71.67W	43-2	4.2,3.7L	
NEIC	V	23 10 50 39.0-81	31.99S	71.46W	35-2	4.5,3.6L		NEIC	I	14 20 58 25.3	33.81S	71.67W	43	4.2,3.7L	¶9777643
GUC	V	23 10 50 39.0	31.99S	71.46W	35	3.6L,3.6L	¶8648043	GUC		Error ellipse: s-maj=1.7km s-min=2.4km az=-1.0.					
NEIC	V	23 10 50 39.0	31.99S	71.46W				NEIC	V	14 07 59 29.8-76	32.53S	71.53W	27-4	3.7,2.7L	
GUC		Error ellipse: s-maj=1.2km	s-min=4.7km	az=-1.0.				GUC	V	14 07 59 29.7	32.53S	71.54W	28	2.6L,2.7L	¶9777627
NEIC	V	23 13 33 45.1-49	34.68S	72.28W	35-3	3.6	¶8648047	NEIC	I	14 03 07 34.5-77</					

GUC	Error ellipse: s-maj=1.3km s-min=1.9km az=-1.0.								
NEIC	Event type se. After GUC.								
NEIC	VI 10 16 51 05.0	32.79S	71.67W	31	4.0L				
NEIC	Event type se. After GUC.								
GUC	III 24 08 49 04.0-76	32.02S	71.40W	47-15	3.7,2.4L				
NEIC	III 24 08 49 04.0	32.02S	71.40W	47	3.7,2.4L				
GUC	Error ellipse: s-maj=2.4km s-min=7.8km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	III 25 11 59 17.9-67	31.58S	71.96W	6-2	3.7L,3.6				
NEIC	III 25 11 59 17.9	31.58S	71.96W	6	3.7L,3.6				
GUC	Error ellipse: s-maj=1.4km s-min=4.4km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	VI 27 08 15 06.1-83	31.74S	71.47W	22-2	4.1,3.8L				
NEIC	VI 27 08 15 06.1	31.74S	71.47W	22	3.8L,3.8L				
GUC	Error ellipse: s-maj=0.9km s-min=3.8km az=-1.0.								
NEIC	Event type se. After GUC.								
(136) Central Chile.									
GUC	IV 17 14 03 53.3-76	35.73S	71.24W	109-4	3.7L,3.6				
NEIC	IV 17 14 03 53.3	35.73S	71.24W	109	3.6,3.6				
GUC	Error ellipse: s-maj=2.8km s-min=7.9km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	IV 12 13 20 37.4-72	35.55S	71.58W	101-3	3.7,3.7L				
NEIC	IV 12 13 20 37.4	35.55S	71.58W	101	3.7,3.7L				
GUC	Error ellipse: s-maj=4.4km s-min=13.2km az=-1.0.								
NEIC	Event type fe. Felt [II] at Talca. After GUC.								
GUC	IV 07 18 55 58.1-70	35.73S	71.62W	112-3	3.6L,3.5				
NEIC	IV 07 18 55 58.1	35.73S	71.62W	112	3.5,3.5				
GUC	Error ellipse: s-maj=3.0km s-min=7.6km az=-1.0.								
NEIC	Event type fe. Felt [II] at Talca. After GUC.								
GUC	IV 19 19 05 28.6-83	36.24S	71.27W	128-5	3.6L				
NEIC	IV 19 19 05 28.6	36.24S	71.27W	128	3.6L				
GUC	Error ellipse: s-maj=3.7km s-min=10.5km az=-1.0.								
NEIC	Event type se. After GUC.								
ISC	IV 30 12 11 45.5-29	35.58S-03	71.31W-06	96-2	4.2b	89	0-174		
ISCJB	IV 30 12 11 44.5-29	35.59S-03	71.29W-06	100-2	4.2b				
GUC	IV 30 12 11 45.3-70	35.54S	71.32W	94-3	4.7L,4.2				
NEIC	IV 30 12 11 45.8-3.2	35.52S	71.26W	101-27	4.2,4.0				
NEIC	IV 30 12 11 45.3	35.54S	71.32W	94	4.4b,4.2				
BJI	IV 30 12 11 45.3	35.50S	71.30W	94	4.7b,4.2				
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=7.9km s-min=3.8km az=40.4.								
GUC	Error ellipse: s-maj=2.0km s-min=4.3km az=-1.0.								
IDC	Error ellipse: s-maj=28.4km s-min=14.6km az=-86.0.								
NEIC	Event type fe. Felt [II] at Talca and [III] at Curico, Linares and Parral. After GUC.								
ISC	III 02 13 10 29.7-39	39.83S-03	72.71W-09	72-4	4.2b	54	0-161		
ISCJB	III 02 13 10 28.6-39	39.83S-03	72.63W-08	75-4	4.2b				
NEIC	III 02 13 10 29.5-50	39.80S	72.75W	70	4.4b				
GUC	III 02 13 10 30.3-83	39.79S	72.99W	78-7	5.2L				
IDC	III 02 13 10 31.6-3.3	39.71S	72.20W	79-21	4.4,4.1				
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=9.6km s-min=4.5km az=2.7.								
NEIC	Event type fe. Error ellipse: s-maj=14.2km s-min=7.2km az=88.0. Felt [IV] at La Union; [III] at Corral, Los Lagos, Panguipulli, Valdivia and Villarrica; [II] at Temuco.								
GUC	Error ellipse: s-maj=3.8km s-min=17.6km az=-1.0.								
IDC	Error ellipse: s-maj=40.5km s-min=13.3km az=-80.0.								
GUC	III 03 06 52 40.8-63	35.81S	71.50W	91-3	3.6,3.4L				
NEIC	III 03 06 52 40.8	35.81S	71.50W	91	3.6,3.4L				
GUC	Error ellipse: s-maj=2.2km s-min=4.5km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	II 25 13 32 54.2-87	35.05S	71.72W	56-7	3.7,3.6L				
GUC	Error ellipse: s-maj=2.3km s-min=4.6km az=-1.0.								
GUC	II 14 07 29 39.5-1.0	37.18S	72.15W	121-7	3.7,3.2L				
GUC	Error ellipse: s-maj=6.2km s-min=16.7km az=-1.0.								
GUC	III 02 02 03 54.0-73	29.07S	70.48W	86-18	3.5L,3.2				
NEIC	III 02 02 03 54.0	29.07S	70.48W	86	3.2,3.2				
GUC	Error ellipse: s-maj=2.5km s-min=16.0km az=-1.0.								
NEIC	Event type se. After GUC.								
ISC	III 01 09 41 12.5-82	38.30S-04	73.00W-20	50-6	3.9b	33	1-86		
IDC	III 01 09 41 03.0-2.5	38.21S	73.22W	0	3.9b,3.8				
ISCJB	III 01 09 41 11.8-67	38.28S-04	72.99W-10	58-5	3.9b,3.8				
NEIC	III 01 09 41 11.3	38.32S	73.10W	40	4.4b,3.8				
GUC	III 01 09 41 11.3-1.1	38.32S	73.10W	40-5	4.4L,3.8				
ISC	Event type se.								
IDC	Error ellipse: s-maj=65.7km s-min=22.0km az=92.0.								
ISCJB	Event type se. Error ellipse: s-maj=19.7km s-min=5.3km az=19.9.								
NEIC	Event type se. After GUC.								
GUC	Error ellipse: s-maj=3.5km s-min=16.9km az=-1.0.								
ISC	III 01 09 11 14.3-78	28.06S-04	71.0W-10	52-11	3.9b	15	1-152		
ISCJB	III 01 09 11 13.5-74	28.10S-03	70.9W-10	54-10	3.9b				
GUC	III 01 09 11 13.5-48	28.09S	70.85W	43-3	4.0L				
IDC	III 01 09 11 14.3-1.1	28.19S	70.94W	51-6	3.8,3.7b				
ISCJB	Error ellipse: s-maj=19.0km s-min=5.7km az=3.7.								
GUC	Error ellipse: s-maj=1.8km s-min=6.4km az=-1.0.								
IDC	Error ellipse: s-maj=45.9km s-min=24.2km az=91.0.								
GUC	VI 08 00 40 39.0-90	29.11S	70.02W	99-11	3.5L				
NEIC	VI 08 00 40 39.4	29.10S	70.06W	99	3.5				
GUC	Error ellipse: s-maj=3.1km s-min=15.8km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	VI 09 21 31 00.4-73	35.81S	71.40W	123-3	3.8L,3.5				
NEIC	VI 09 21 31 00.4	35.81S	71.40W	123	3.8,3.5				
GUC	Error ellipse: s-maj=2.8km s-min=7.7km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	VI 15 08 20 57.8-83	35.84S	71.67W	74-3	3.9L,3.7				
NEIC	VI 15 08 20 57.8	35.84S	71.67W	74	3.9,3.7				
GUC	Error ellipse: s-maj=2.4km s-min=4.5km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	II 10 08 04 51.4-85	35.80S	71.80W	67-4	3.9,3.4L				
GUC	Error ellipse: s-maj=2.2km s-min=4.1km az=-1.0.								
ISC	II 28 10 22 35.0-62	28.43S-04	70.6W-20	95-11	3.4b	17	1-152		
ISCJB	II 28 10 22 33.9-61	28.44S-04	70.5W-30	101-11	3.4b				
IDC	II 28 10 22 35.5-1.3	28.38S	70.42W	89-8	3.5,3.3b				
GUC	II 28 10 22 35.6-1.0	28.43S	70.61W	85-16	3.7,3.7L				
ISCJB	Error ellipse: s-maj=40.0km s-min=4.9km az=11.1.								
IDC	Error ellipse: s-maj=69.9km s-min=41.6km az=117.0.								
GUC	Error ellipse: s-maj=3.6km s-min=18.4km az=-1.0.								
NEIC	V 18 07 10 31.9-89	36.34S	71.11W	0-4	3.9L				
NEIC	V 18 07 10 32.3	36.34S	71.11W	3	3.9L				
GUC	Error ellipse: s-maj=3.2km s-min=5.2km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 11 06 52 16.5-74	29.04S	70.52W	82-4	3.7,3.4L				
NEIC	V 11 06 52 16.5	29.04S	70.52W	82	3.4,3.4L				
GUC	Error ellipse: s-maj=1.5km s-min=12.8km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 10 04 41 17.7-88	36.97S	71.61W	8-3	4.2,4.0L				
NEIC	V 10 04 41 17.7	36.97S	71.61W	8	4.0L,3.8b				
GUC	Error ellipse: s-maj=2.0km s-min=5.3km az=-1.0.								
NEIC	Event type se. After GUC.								
GUC	V 17 22 29 29.0-59	35.72S	71.72W	64-2	4.0L,4.0				
NEIC	V 17 22 29 29.0	35.72S	71.72W	64	4.0,4.0				
GUC	Error ellipse: s-maj=1.6km s-min=3.0km az=-1.0.								
NEIC	Event type fe. Felt [III] at Linares, San Javier and Talca. After GUC.								
GUC	V 08 03 14 12.6-78	29.33S	70.12W	120-7	3.7L,3.6				
NEIC	V 08 03 14 12.6-93	29.30S	70.18W	128-28	3.7,3.6				
GUC	Error ellipse: s-maj=1.5km s-min=11.0km az=-1.0.								
NEIC	Event type se. Error ellipse: s-maj=64.1km s-min=6.2km az=91.0.								
ISC	V 19 00 22 45.9-54	28.28S-03	70.97W-10	49-6	4.0b	42	0-152		

ISCJB	V 19 00 22 44.9-50	28.29S-03	70.91W-09	61-5	4.0b				
NEIC	V 19 00 22 45.0	28.32S	70.82W	50	4.1b				
IDC	V 19 00 22 45.7-1.0	28.26S	70.98W	51-7	3.9,3.8				
GUC	V 19 00 22 45.5-82	28.32S	70.82W	50-5	4.5L,3.8				
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=13.7km s-min=4.3km az=9.0.								
NEIC	Event type fe. Felt [III] at Vallenar and [II] at Copiapo, Freirina and Huasco. After GUC.								
IDC	Error ellipse: s-maj=24.8km s-min=1								

NEIC Event type se. Error ellipse: s-maj=17.3km s-min=9.4km az=89.0.
ISC V 27 22 24 10.5-39 31.98S-03 68.43W-05 118-4 4.0b 60 0-164
ISCJB V 27 22 24 09.8-39 31.98S-03 68.44W-05 122-4 4.0b 118648228
 IDC V 27 22 24 09.8-75 31.92S 68.59W 108-4 4.0,3.8
 NEIC V 27 22 24 10.1-48 31.99S 68.39W 120-6 4.7b,3.8
 GUC V 27 22 24 10.8-75 32.01S 68.65W 150-0 4.2L,4.1
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=6.6km s-min=5.3km az=12.3.
 IDC Error ellipse: s-maj=26.7km s-min=14.6km az=104.0.
 NEIC Event type se. Error ellipse: s-maj=9.6km s-min=6.9km az=104.0.
 GUC Error ellipse: s-maj=2.4km s-min=6.0km az=1.0.
GUC VI 24 13 31 23.9-82 31.17S 68.56W 150-0 3.8L,3.8
 NEIC VI 24 13 31 23.9 31.17S 68.56W 150 4.4b,3.8 118650725
 GUC Error ellipse: s-maj=2.6km s-min=5.0km az=-1.0.
 NEIC Event type se. After GUC.
GUC VI 21 18 50 07.1-56 29.16S 68.99W 4-9 3.7L 118650665
 NEIC VI 21 18 50 07.1 29.16S 68.99W 4 3.7L
 GUC Error ellipse: s-maj=2.7km s-min=6.1km az=-1.0.
 NEIC Event type se. After GUC.
GUC VI 16 21 37 40.4-79 31.78S 69.98W 154-5 3.7L,3.3 118650550
 NEIC VI 16 21 37 40.4 31.78S 69.98W 154 3.7,3.3
 GUC Error ellipse: s-maj=1.4km s-min=7.8km az=-1.0.
 NEIC Event type se. After GUC.
GUC III 19 03 33 59.4-71 31.94S 69.82W 124-7 3.6,3.3L 110606309
 NEIC III 19 03 33 59.4 31.94S 69.82W 124 3.6,3.3L
 GUC Error ellipse: s-maj=2.6km s-min=8.2km az=-1.0.
 NEIC Event type se. After GUC.
ISC IV 01 20 41 59.9-48 31.12S-03 68.47W-05 101-7 3.7b 44 1-153
 ISCJB IV 01 20 41 58.9-51 31.14S-04 68.48W-05 110-7 3.7b 118645728
 IDC IV 01 20 41 58.9-1.3 31.13S 68.58W 95-8 3.8,3.6b
 NEIC IV 01 20 41 58.9-41 31.17S 68.46W 106-6 4.4b,3.6b
 GUC IV 01 20 42 00.5-53 31.16S 68.81W 150-0 4.1L,3.9
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=7.2km s-min=5.9km az=147.1.
 IDC Error ellipse: s-maj=48.7km s-min=17.7km az=85.0.
 NEIC Event type se. Error ellipse: s-maj=7.8km s-min=6.5km az=76.0.
 GUC Error ellipse: s-maj=1.6km s-min=3.9km az=-1.0.

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ISC IV 08 11 10 58.8-53 28.38S-03 67.68W-06 115-8 4.0b 45 3-150
 ISCJB IV 08 11 10 57.7-59 28.39S-03 67.69W-06 119-9 4.0b 118320187
 IDC IV 08 11 10 58.7-1.3 28.43S 67.59W 114-5 4.0,3.7b
 NEIC IV 08 11 10 58.9-43 28.40S 67.62W 117-2 4.5b,3.7b
 GUC IV 08 11 10 00.4-1.0 28.31S 67.91W 140-0 4.4L,3.7b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=9.2km s-min=5.6km az=177.3.
 IDC Error ellipse: s-maj=23.2km s-min=11.6km az=102.0.
 NEIC Event type se. Error ellipse: s-maj=7.5km s-min=5.5km az=100.0.
 GUC Error ellipse: s-maj=4.3km s-min=6.2km az=1.0.
ISC III 22 19 58 29.1-73 28.61S-05 67.3W-10 117-12 3.9b 14 3-150
 ISCJB III 22 19 58 27.8-79 28.60S-05 67.3W-10 121-13 3.9b 110608686
 IDC III 22 19 58 28.9-1.1 28.63S 67.42W 126-12 3.9,3.7b
 NEIC III 22 19 58 28.9-1.0 28.61S 67.16W 126-11 3.6b,3.7b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=19.4km s-min=8.8km az=175.4.
 IDC Error ellipse: s-maj=23.3km s-min=11.1km az=95.0.
 NEIC Event type se. Error ellipse: s-maj=17.6km s-min=12.8km az=102.0.
ISC VI 13 14 53 57.5-59 28.36S-04 67.41W-06 111-9 4.0b 30 3-168
 ISCJB VI 13 14 53 56.2-65 28.35S-04 67.40W-07 115-10 4.0b 118474840
 IDC VI 13 14 53 56.4 28.40S 67.40W 116 4.8b
 NEIC VI 13 14 53 57.5-50 28.39S 67.35W 117-6 4.6b
 GUC VI 13 14 53 57.2-1.2 28.41S 67.44W 112-12 4.0,3.8
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=10.1km s-min=6.9km az=148.4.
 NEIC Event type se. Error ellipse: s-maj=8.3km s-min=7.0km az=84.0.
 IDC Error ellipse: s-maj=23.5km s-min=10.7km az=93.0.
ISC VI 15 01 44 06.3-51 28.31S-03 67.45W-05 116-5 4.2b 78 3-160
 ISCJB VI 15 01 44 05.1-55 28.31S-03 67.45W-05 120-6 4.2b 118650516
 GUC VI 15 01 44 06.5-86 28.32S 67.50W 117-0 4.9L
 IDC VI 15 01 44 06.1-1.2 28.33S 67.41W 118-12 4.2,3.9b
 MOS VI 15 01 44 06.3-1.2 28.28S 67.33W 128 4.8b,3.9b
 NEIC VI 15 01 44 06.5 28.32S 67.50W 117 4.5b,3.9b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=7.7km s-min=4.7km az=179.9.
 GUC Error ellipse: s-maj=3.2km s-min=5.6km az=-1.0.
 IDC Error ellipse: s-maj=17.1km s-min=10.1km az=93.0.
 MOS Error ellipse: s-maj=16.4km s-min=11.8km az=75.4.
 NEIC Event type se. After GUC.

ISC II 05 04 28 08.0-74 31.56S-06 66.85W-09 119-13 4.2b 32 1-152
 ISCJB II 05 04 28 07.0-78 31.56S-06 66.88W-09 128-12 4.2b 118083634
 NEIC II 05 04 28 07.7-62 31.58S 66.84W 126-8 4.3b
 GUC II 05 04 28 07.3-87 31.49S 67.03W 160-0 4.5L
 IDC II 05 04 28 08.5-1.8 31.58S 67.02W 132-21 4.1b,3.9
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=13.5km s-min=8.6km az=47.7.
 NEIC Event type se. Error ellipse: s-maj=11.0km s-min=6.8km az=98.0.
 IDC Error ellipse: s-maj=6.0km s-min=7.2km az=-1.0.
 MOS Error ellipse: s-maj=50.5km s-min=22.2km az=104.0.
ISC II 08 13 57 49.0-47 28.76S-03 67.37W-05 110-4 4.4b 84 3-174
 ISCJB II 08 13 57 47.9-52 28.75S-03 67.39W-06 113-5 4.4b 118083750
 MOS II 08 13 57 47.8-1.0 28.80S 67.40W 113 4.7b
 NEIC II 08 13 57 49.2-38 28.79S 67.28W 115-4 4.5b
 BJI II 08 13 57 49.2 28.80S 67.30W 114 5.0b
 IDC II 08 13 57 51.0-54 28.70S 67.34W 130-4 4.4,4.1
 GUC II 08 13 57 53.0-75 28.53S 67.71W 153-42 4.7L,4.1
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=8.5km s-min=4.8km az=144.4.
 MOS Error ellipse: s-maj=17.3km s-min=10.0km az=89.6.
 NEIC Event type se. Error ellipse: s-maj=6.0km s-min=4.3km az=82.0.
 IDC Error ellipse: s-maj=18.6km s-min=11.5km az=79.0.
 GUC Error ellipse: s-maj=4.5km s-min=20.5km az=-1.0.
ISC II 14 21 52 18.7-59 28.48S-04 67.48W-07 119-11 4.0b 32 3-150
 ISCJB II 14 21 52 17.7-66 28.48S-04 67.50W-08 127-12 4.0b 118447723
 IDC II 14 21 52 19.3-1.9 28.50S 67.29W 121-20 3.9,3.7b
 NEIC II 14 21 52 19.4-76 28.51S 67.31W 127-14 4.0b,3.7b
 GUC II 14 21 52 19.2-1.2 28.51S 67.59W 121-124 4.6L,3.7b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=11.7km s-min=7.0km az=154.3.
 IDC Error ellipse: s-maj=32.7km s-min=23.9km az=97.0.
 NEIC Event type se. Error ellipse: s-maj=17.2km s-min=9.1km az=86.0.
 GUC Error ellipse: s-maj=4.7km s-min=39.6km az=-1.0.
GUC V 17 14 00 38.1-75 28.76S 68.25W 125-0 4.2L 118647903
 NEIC V 17 14 00 37.8-68 28.82S 68.00W 97-24 3.6b
 GUC Error ellipse: s-maj=3.7km s-min=5.0km az=-1.0.
 NEIC Event type se. Error ellipse: s-maj=14.7km s-min=10.6km az=123.0.
GUC V 24 23 33 21.9-73 31.56S 66.56W 33-0 4.2 118648136
 NEIC V 24 23 33 21.9 31.56S 66.56W 33 4.2
 GUC Error ellipse: s-maj=4.5km s-min=6.2km az=-1.0.
 NEIC Event type se. After GUC.

ISC V 20 09 46 11.9-54 28.62S-03 67.43W-07 118-10 3.9b 48 3-150
 ISCJB V 20 09 46 10.9-61 28.62S-03 67.46W-07 127-10 3.9b 118647962
 IDC V 20 09 46 11.4-1.1 28.63S 67.36W 113-12 4.0,3.8b
 NEIC V 20 09 46 13.7 28.57S 67.60W 130 4.2b,3.8b
 GUC V 20 09 46 13.7-93 28.57S 67.60W 130-0 4.3L,3.8b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=10.4km s-min=4.3km az=4.0.
 IDC Error ellipse: s-maj=23.7km s-min=9.9km az=99.0.
 NEIC Event type se. After GUC.
 GUC Error ellipse: s-maj=4.4km s-min=7.4km az=-1.0.
ISC I 21 23 19 50.7-53 28.33S-03 68.07W-07 106-10 3.8b 28 2-150
 ISCJB I 21 23 19 49.5-59 28.34S-03 68.08W-08 111-11 3.8b 118447202

NEIC I 21 23 19 50.3-59 28.31S 68.04W 106-8 4.7b
 GUC I 21 23 19 50.3-62 28.33S 68.24W 138-34 4.4L
 IDC I 21 23 19 52.0-78 28.40S 68.35W 119-6 4.0,3.7
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.1km s-min=5.3km az=158.9.
 NEIC Event type se. Error ellipse: s-maj=11.7km s-min=7.4km az=90.0.
 GUC Error ellipse: s-maj=1.8km s-min=18.4km az=-1.0.
 IDC Error ellipse: s-maj=37.2km s-min=9.9km az=-91.0.
ISC V 17 23 40 33.7-55 28.44S-03 67.42W-05 41-5 4.5b,4.0s 101 3-173
 MOS V 17 23 40 31.6-1.3 28.39S 67.43W 33 4.9b,4.0s 118358220
 NEIC V 17 23 40 31.7 28.43S 67.57W 20 4.8b,4.7L
 ISCJB V 17 23 40 31.3-67 28.45S-03 67.39W-05 35-6 4.5b,4.0s
 BJI V 17 23 40 31.7 28.40S 67.60W 20 5.3s,4.9b
 GUC V 17 23 40 31.7-82 28.43S 67.57W 20-28 4.7L,4.9b
 IDC V 17 23 40 35.0-2.8 28.44S 67.38W 56-23 4.4L,4.2
 ISC Event type fe.
 MOS Error ellipse: s-maj=14.0km s-min=11.0km az=93.4.
 NEIC Event type fe. Felt [III] in the Tinogasta, Catamarca area. After GUC.
 ISCJB Event type fe. Error ellipse: s-maj=7.1km s-min=5.4km az=2.8.
 GUC Error ellipse: s-maj=3.5km s-min=15.6km az=-1.0.
 IDC Error ellipse: s-maj=22.7km s-min=16.5km az=55.0.

(139) Mendoza Province.

GUC IV 27 07 24 23.6-1.2 32.79S 69.22W 9-61 3.8L 118646661
 NEIC IV 27 07 24 23.6 32.79S 69.22W 9 3.8L,3.1b
 GUC Error ellipse: s-maj=19.4km s-min=11.1km az=-1.0.
 NEIC Event type se. After GUC.
ISC IV 17 17 26 06.0-1.4 33.12S-07 68.97W-07 0-9 22 0-3
 ISCJB IV 17 17 26 06.1-91 33.10S-05 68.92W-07 10 118646111
 NEIC IV 17 17 26 06.3-1.7 33.12S 68.93W 10 3.1L
 GUC IV 17 17 26 07.9-1.2 33.18S 69.00W 25-13 3.7,3.1L
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=9.9km s-min=5.1km az=89.5.
 NEIC Event type se. Error ellipse: s-maj=26.2km s-min=8.5km az=120.0.
 GUC Error ellipse: s-maj=6.7km s-min=12.3km az=-1.0.
ISC III 05 03 06 56.8-38 32.31S-03 69.77W-06 123-5 3.8b 73 1-82
 ISCJB III 05 03 06 56.0-40 32.32S-03 69.85W-08 134-6 3.8b 110597581
 IDC III 05 03 06 57.7-2.0 32.35S 69.75W 114-16 3.8,3.7b
 NEIC III 05 03 06 56.7 32.32S 69.89W 130 3.9b,3.8
 GUC III 05 03 06 56.7-88 32.32S 69.89W 130-5 3.8,3.8L
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=11.2km s-min=5.1km az=163.8.
 IDC Error ellipse: s-maj=34.9km s-min=15.2km az=110.0.
 NEIC Event type se. After GUC.
 GUC Error ellipse: s-maj=2.2km s-min=6.0km az=-1.0.
ISC III 29 18 45 21.3-64 32.09S-04 68.51W-05 120-7 47 1-151
 ISCJB III 29 18 45 20.4-62 32.09S-04 68.51W-05 124-6 110613031
 IDC III 29 18 45 21.4-1.4 32.07S 68.13W 116-8 3.7,3.4
 NEIC III 29 18 45 21.1-46 32.09S 68.47W 120-6 3.7,3.4
 GUC III 29 18 45 21.7-88 32.11S 68.81W 154-15 3.9L,3.7
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=8.1km s-min=5.4km az=47.7.
 IDC Error ellipse: s-maj=50.6km s-min=32.7km az=111.0.
 NEIC Event type se. Error ellipse: s-maj=9.5km s-min=6.2km az=102.0.
 GUC Error ellipse: s-maj=2.8km s-min=12.2km az=-1.0.
GUC II 14 10 02 16.1-69 32.91S 69.28W 1-8 3.8,3.0L 119778601

GUC III 12 19 11 06.7-72 33.64S 68.47W 5-0 3.9,3.2L 110602619
 NEIC III 12 19 11 06.7 33.64S 68.47W 5 3.2L,3.2L
 GUC Error ellipse: s-maj=3.2km s-min=3.1km az=-1.0.
 NEIC Event type se. After GUC.
ISC II 11 11 49 40.6-22 32.34S-03 67.45W-03 34 4.7b,3.9s 111 1-175
 ISCJB II 11 11 49 38.6-22 32.36S-03 67.42W-03 32 4.7b,3.9s 118095894
 GUC II 11 11 49 38.0-69 32.42S 67.56W 162-16 5.3L,3.9s
 IDC II 11 11 49 40.0-43 32.39S 67.74W 32-2 4.7L,4.6
 NEIC II 11 11 49 40.0-18 32.42S 67.63W 32 4.8b,4.6
 BJI II 11 11 49 42.5 32.40S 67.60W 32 5.1b,5.0s
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=4.4km s-min=2.7km az=116.1.
 GUC Error ellipse: s-maj=3.9km s-min=8.4km az=-1.0.
 IDC Error ellipse: s-maj=17.8km s-min=8.4km az=65.0.
 NEIC Event type se. Error ellipse: s-maj=9.1km s-min=4.4km az=73.0.
GUC II 21 09 20 51.3-73 33.81S 68.29W 19-15 3.9,2.7L 119778763

GUC II 27 02 32 21.7-49 35.76S 69.65W 217-12 3.5L,3.1 119778918
 GUC Error ellipse: s-maj=6.6km s-min=6.5km az=-1.0.
 GUC Error ellipse: s-maj=5.3km s-min=21.7km az=-1.0.
GUC V 03 22 58 01.1-2.8 33.53S 68.46W 0-29 3.6,3.0L 118647442
 NEIC V 03 22 58 00.2 33.42S 68.48W 5 2.9L,3.0L
 GUC Error ellipse: s-maj=12.9km s-min=28.1km az=-1.0.
 NEIC Event type se. After GUC.
GUC V 22 23 59 11.4-70 32.17S 68.88W 10-22 3.8,3.1L 118648018

GUC V 12 08 38 42.0-86 32.94S 69.23W 6-18 4.1,3.1L 118338865
 NEIC V 12 08 38 42.0 32.94S 69.23W 6 3.1L,3.1L
 GUC Error ellipse: s-maj=4.1km s-min=18.6km az=-1.0.
 NEIC Event type se. After GUC.
ISC V 09 09 02 26.8-18 32.55S-02 69.88W-05 128 5.1b 280 1-174
 MOS V 09 09 02 19.4-79 32.38S 69.60W 71 5.4b 118494679
 ISCJB V 09 09 02 25.2-17 32.50S-02 69.75W-04 126 5.1b
 GUC V 09 09 02 25.3-74 32.44S 69.84W 120-6 5.4L
 IDC V 09 09 02 26.2-37 32.45S 69.59W 123-2 5.0,4.7
 HRVD V 09 09 02 26.5-30 32.85S 70.04W 126-2 5.0W,4.7
 BJI V 09 09 02 26.5 32.40S 69.40W 125 4.9b,4.7
 NEIC V 09 09 02 26.5-14 32.44S 69.41W 126 5.1b,4.7
 ISC Event type fe.
 MOS Error ellipse: s-maj=15.6km s-min=7.3km az=105.3.
 ISCJB Event type fe. Error ellipse: s-maj=4.9km s-min=2.7km az=28.6.
 GUC Error ellipse: s-maj=1.7km s-min=6.5km az=-1.0.
 IDC Error ellipse: s-maj=10.5km s-min=7.2km az=135.0.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s30,c42; Mantle waves: s66,c91; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M₀-2.25; 13 M₀±2.11±16; M₀±0.14±21; M₀±0.53±10; M₀±3.14±15; M₀±2.51±13; Best double couple: NP1: 270.00000°, 844.00000°, λ: 29.00000°. NP2: 40.20000°, 870.00000°, λ: 130.00000°. Principal axes: T 4.9540,Plg16.0000°, Azm140.0000°; N 4.8030,Plg37.0000°, Azm37.0000°; P -4.1500,Plg48.0000°, Azm248.0000°; M4.55200×10¹⁶

NEIC Event type fe. Error ellipse: s-maj=5.9km s-min=3.7km az=65.0. Felt [III] at Mendoza and Uspallata. Felt [IV] at Santiago; [III] at Los Andes and Petorca; [II] at Valparaiso and Vina del Mar, Chile.
GUC I 30 06 25 05.1-66 33.80S 68.75W 3-8 3.9,3.2L 119778263
 NEIC I 30 06 25 05.1 33.80S 68.75W 3 3.2L,3.2L
 GUC Error ellipse: s-maj=2.7km s-min=4.7km az=-1.0.
 NEIC Event type se. After GUC.
GUC I 24 01 45 06.9-64 32.67S 69.20W 157-5 3.7L,3.2 119778037
 NEIC I 24 01 45 06.9 32.67S 69.20W 157 3.7,3.2
 GUC Error ellipse: s-maj=2.1km s-min=6.3km az=-1.0.
 NEIC Event type se. After GUC.
GUC I 08 13 15 00.0-42 33.76S 68.74W 11-2 3.9,3.8L 119777373
 NEIC I 08 13 15 00.0 33.76S 68.74W 11 3.8L,3.8L
 GUC Error ellipse: s-maj=1.6km s-min=1.8km az=-1.0.
 NEIC Event type se. After GUC.
GUC I 08 05 30 37.7-75 33.86S 68.61W 20-13 3.8,3.5L 119777350
 NEIC I 08 05 30 37.7 33.86S 68.61W 20 3.5L,3.5L
 GUC Error ellipse: s-maj=5.5km s-min=4.0km az=-1.0.
 NEIC Event type se. After GUC.
ISC I 29 13 24 38.0-61 32.65S-05 68.81W-07 131-6 3.2b 34 1-154

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISCJB, IDC, NEIC, GUC, and ISC. Data includes event type, error ellipse, and magnitude.

(140) San Luis Province. 32.21S 66.45W 20-0 3.8L

(141) Cordoba Province. 30.97S 63.62W 0 4.6L,3.9b

Table with columns for station ID, coordinates, and seismic data. Includes stations like IDC, ISCJB, IDC, NEIC, GUC, and ISC.

SEISMIC REGION 9. Extreme South America.

(143) Off coast of southern Chile.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, IDC, ISCJB, MOS, NEIC, HRVD, and ISC.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, IDC, ISCJB, NEIC, HRVD, and ISC.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, GUC, IDC, ISCJB, HRVD, and ISC.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, GUC, IDC, ISCJB, HRVD, and ISC.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, MOS, IDC, ISCJB, HRVD, and ISC.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, HRVD, and ISC.

Moment tensor: Scale 10^16Nm; Mrr=0.07±17; Mθθ=0.44±14; Mφφ=0.37±14; Mrrθθ=0.19±21; Mrrφφ=2.08±11; Mθθφφ=0.77±23; Best double couple: NP1:φ84.0000°; δ70.0000°; λ178.0000°; NP2:φ175.0000°; δ89.0000°; λ20.0000°; Principal axes: T 2.3280,Plg15.0000°; Azm21.0000°; N -0.1340,Plg70.0000°; Azm178.0000°; P -2.1940,Plg13.0000°; Azm308.0000°; M2.26100x10^16

(144) Southern Chile. 74.87W 0 4.1,3.9

Table with columns for station ID, coordinates, and seismic data. Includes stations like IDC, ISC, ISCJB, NEIC, and ISC.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, IDC, ISCJB, NEIC, and ISC.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, IDC, ISCJB, NEIC, and ISC.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, IDC, ISCJB, NEIC, and ISC.

(145) Southern Chile-Argentina border region.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, ISCJB, GUC, NEIC, and ISC.

Table with columns for station ID, coordinates, and seismic data. Includes stations like GUC, ISC, ISCJB, IDC, NEIC, and GUC.

(146) Southern Argentina.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, ISCJB, IDC, NEIC, and GUC.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, IDC, NEIC, and GUC.

SEISMIC REGION 10. Southern Antilles.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, ISCJB, IDC, NEIC, and ISC.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, IDC, ISCJB, NEIC, and ISC.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, IDC, ISCJB, NEIC, and ISC.

Table with columns for station ID, coordinates, and seismic data. Includes stations like IDC, ISC, BJI, MOS, ISCJB, HRVD, and ISC.

Table with columns for station ID, coordinates, and seismic data. Includes stations like ISC, HRVD, and ISC.

IDC	III	15 06 10 53.2-99	60.68S	44.50W	0	4.4,4.4b			
ISCJB	III	15 06 10 54.3-42	60.48S-09	44.1W-20	10	4.3b,3.9s			
NEIC	III	15 06 10 55.2-45	60.54S	44.01W	10	4.6b,3.9s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=38.5km s-min=15.2km az=35.0.								
ISCJB	Event type se. Error ellipse: s-maj=16.3km s-min=6.9km az=92.1.								
NEIC	Event type se. Error ellipse: s-maj=19.0km s-min=9.4km az=36.0.								
ISC	I	24 19 22 36.6-5.0	60.43S-06	44.2W-10	13-32	4.7b,4.1s	44	7-164	
BJI	I	24 19 22 34.8	60.96S	45.10W	10	5.5s,5.2s			
IDC	I	24 19 22 34.3-65	60.55S	44.28W	0	4.5,4.5b			
MOS	I	24 19 22 34.8-89	60.42S	44.06W	10	4.9b,4.5b			
HRVD	I	24 19 22 35.6-80	60.68S	44.14W	22-2	4.8W,4.5b			
NEIC	I	24 19 22 35.6-28	60.44S	44.14W	10	4.9b,4.5b			
ISCJB	I	24 19 22 35.0-3.9	60.38S-05	44.1W-10	15-29	4.7b,4.1s			
ISC	Event type se.								
HRVD	nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s13,c16; Mantle waves: s31,c39; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -1.77±.34 M _{θθ} 2.25±.19; M _{φφ} 0.48±.27; M _{φθ} 0.59±.32; M _{θφ} -0.24±.20; M _{φr} 0.51±.59; Best double couple: NP1:φ=258.00000°; δ39.00000°; λ=117.00000°; NP2:φ=111.00000°; δ56.00000°; λ=70.00000°; Principal axes: T 2.3710, P1g9.0000°; Azm186.0000°; N -0.3730, P1g16.0000°; Azm279.0000°; P -2.0030, P1g7.0000°; Azm69.0000°; M2.18700x10 ¹⁶								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	I	29 04 44 34.0-54	60.4S-10	34.5W-30	10	4.4b,3.7s	20	15-156	
ISCJB	I	29 04 44 32.5-52	60.4S-10	34.4W-30	10	4.4b,3.7s			
IDC	I	29 04 44 30.0-90	60.34S	34.58W	0	4.2L,4.1b			
BJI	I	29 04 44 37.7	60.20S	34.20W	30	4.2L,4.2b			
NEIC	I	29 04 44 37.7-51	60.22S	34.17W	30	4.6b,4.2b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=22.1km s-min=8.4km az=108.5.								
IDC	Error ellipse: s-maj=36.7km s-min=19.5km az=30.0.								
NEIC	Event type se. Error ellipse: s-maj=20.5km s-min=10.7km az=223.0.								

(153) South Sandwich Islands region.

ISC	IV	07 03 24 58.5-38	58.31S-07	24.2W-10	43	4.6b,4.1s	47	8-149	
IDC	IV	07 03 24 52.6-60	58.31S	24.23W	0	4.6,4.6b			
ISCJB	IV	07 03 24 56.6-38	58.27S-07	24.2W-10	41	4.6b,4.1s			
MOS	IV	07 03 24 58.1-2.9	58.13S	24.30W	33	5.0b,4.1s			
NEIC	IV	07 03 24 59.5-33	58.00S	24.26W	41	4.8b,4.1s			
BJI	IV	07 03 24 59.5	58.00S	24.30W	41	5.2b,5.1s			
HRVD	IV	07 03 24 59.5-50	58.34S	23.78W	24-2	5.0W,5.1s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=20.1km s-min=15.4km az=13.0.								
ISCJB	Event type se. Error ellipse: s-maj=11.3km s-min=7.0km az=87.0.								
MOS	Error ellipse: s-maj=30.3km s-min=17.0km az=102.3.								
NEIC	Event type se. Error ellipse: s-maj=12.3km s-min=8.8km az=193.0.								
HRVD	Error ellipse: s-maj=5.6km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s11,c12; Mantle waves: s58,c80; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} 0.04±.18 M _{θθ} -3.04±.19; M _{φφ} 3.08±.20; M _{φθ} 0.48±.28; M _{θφ} 1.12±.18; M _{φr} 0.49±.27; Best double couple: NP1:φ=325.00000°; δ78.00000°; λ=178.00000°; NP2:φ=55.00000°; δ88.00000°; λ=12.00000°; Principal axes: T 3.3740, P1g10.0000°; Azm281.0000°; N -0.0940, P1g78.0000°; Azm64.0000°; P -3.2850, P1g7.0000°; Azm189.0000°; M3.32900x10 ¹⁶								
ISC	IV	30 14 05 46.6-1.5	56.00S-07	27.7W-10	105-14	4.8b	54	5-158	
MOS	IV	30 14 05 37.5-94	55.89S	27.53W	33	5.2b			
ISCJB	IV	30 14 05 44.9-1.6	55.92S-07	27.6W-10	101-15	4.8b			
HRVD	IV	30 14 05 46.6-30	56.02S	27.53W	103-3	5.1W			
IDC	IV	30 14 05 46.4-56	55.95S	27.72W	101-4	4.7,4.5			
BJI	IV	30 14 05 46.6	55.90S	27.70W	104	5.3b,4.5			
NEIC	IV	30 14 05 46.6-1.1	55.94S	27.66W	105-9	5.0b,4.5			
ISC	Event type se.								
MOS	Error ellipse: s-maj=37.2km s-min=12.4km az=104.0.								
ISCJB	Event type se. Error ellipse: s-maj=16.4km s-min=7.7km az=99.5.								
HRVD	Error ellipse: s-maj=4.4km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s36,c44; Mantle waves: s77,c104; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} 0.89±.18 M _{θθ} -1.78±.24; M _{φφ} 0.89±.22; M _{φθ} -3.47±.11; M _{θφ} 3.29±.17; M _{φr} 0.06±.11; Best double couple: NP1:φ=168.00000°; δ44.00000°; λ=172.00000°; NP2:φ=264.00000°; δ84.00000°; λ=46.00000°; Principal axes: T 4.5600, P1g35.0000°; Azm138.0000°; N 0.8300, P1g43.0000°; Azm270.0000°; P -5.3860, P1g26.0000°; Azm27.0000°; M4.97300x10 ¹⁶								
IDC	Error ellipse: s-maj=16.3km s-min=11.4km az=50.0.								
NEIC	Event type se. Error ellipse: s-maj=10.4km s-min=5.0km az=51.0.								
ISC	IV	08 15 48 04.0-3.8	59.8S-30	26.1W-40	77-40	3.8b	13	13-153	
IDC	IV	08 15 47 58.9-3.7	59.74S	26.07W	27-22	4.4L,4.0			
ISCJB	IV	08 15 48 01.2-4.5	59.8S-20	26.1W-40	63-46	3.9b,4.0			
NEIC	IV	08 15 48 02.8-5.0	59.81S	26.23W	62-43	4.2b,4.0			
ISC	Event type se.								
IDC	Error ellipse: s-maj=42.8km s-min=25.8km az=29.0.								
ISCJB	Event type se. Error ellipse: s-maj=49.0km s-min=19.7km az=70.4.								
NEIC	Event type se. Error ellipse: s-maj=74.8km s-min=15.0km az=217.0.								
ISC	IV	10 04 44 43.4-8.9	55.1S-10	25.6W-40	10	4.1b	7	18-151	
IDC	IV	10 04 44 40.2-1.7	56.75S	27.15W	0	4.0,3.9b			
ISCJB	IV	10 04 44 41.6-8.9	55.1S-10	25.5W-40	10	4.1b,3.9b			
NEIC	IV	10 04 44 48.6-1.3	55.24S	25.83W	50	4.5b,3.9b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=68.8km s-min=38.8km az=4.0.								
ISCJB	Event type se. Error ellipse: s-maj=38.8km s-min=13.6km az=127.2.								
NEIC	Event type se. Error ellipse: s-maj=54.3km s-min=31.4km az=190.0.								
NEIC	IV	17 13 01 38.9-2.6	56.46S	28.84W	136-22	4.5b			
IDC	IV	17 13 01 20.8-1.6	56.47S	27.70W	0	4.1,4.0b			
NEIC	Event type se. Error ellipse: s-maj=34.4km s-min=17.7km az=57.0.								
IDC	Error ellipse: s-maj=76.9km s-min=42.8km az=9.0.								
ISC	IV	17 08 54 58.8-3.4	57.9S-20	25.2W-30	47-34	4.0b	14	15-153	
IDC	IV	17 08 54 52.6-65	57.76S	25.20W	0	4.2,4.1b			
ISCJB	IV	17 08 54 55.2-7.5	57.8S-20	25.2W-30	29-55	4.0b,4.1b			
NEIC	IV	17 08 54 56.3-4.7	57.72S	25.09W	26-32	4.0b,4.1b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=30.6km s-min=23.0km az=83.0.								
ISCJB	Event type se. Error ellipse: s-maj=32.9km s-min=22.6km az=98.6.								
NEIC	Event type se. Error ellipse: s-maj=23.2km s-min=13.8km az=225.0.								
ISC	IV	04 01 05 48.1-8.2	59.0S-10	25.5W-20	1-52	4.2b	16	14-153	
ISCJB	IV	04 01 05 48.0-63	59.04S-08	25.3W-20	10	4.2b			
NEIC	IV	04 01 05 52.9-46	59.07S	25.42W	35	4.3b			
IDC	IV	04 01 05 57.8-8.2	59.01S	25.66W	77-71	4.2,4.0			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=17.2km s-min=10.8km az=143.8.								
NEIC	Event type se. Error ellipse: s-maj=16.4km s-min=9.3km az=67.0.								
IDC	Error ellipse: s-maj=29.9km s-min=22.3km az=91.0.								
ISC	IV	04 05 06 04.7-3.2	56.4S-10	27.1W-20	81-32	4.1b	23	16-151	
ISCJB	IV	04 05 06 03.5-3.5	56.4S-10	27.0W-20	84-34	4.1b			
NEIC	IV	04 05 06 06.4-2.0	56.41S	27.01W	99-18	4.4b			
IDC	IV	04 05 06 07.2-7.1	56.45S	27.17W	107-5	4.1,3.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=19.6km s-min=16.2km az=120.8.								
NEIC	Event type se. Error ellipse: s-maj=12.8km s-min=9.5km az=55.0.								
IDC	Error ellipse: s-maj=21.0km s-min=17.6km az=70.0.								
ISC	IV	23 04 41 14.7-64	57.16S-10	25.2W-30	10	4.2b,3.6s	19	15-152	
ISCJB	IV	23 04 41 13.2-64	57.11S-10	25.2W-20	10	4.2b,3.6s			
IDC	IV	23 04 41 13.1-69	57.07S	25.11W	0	4.3b,4.3			
NEIC	IV	23 04 41 18.5-3.2	57.14S	25.26W	35-28	4.3b,4.3			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=22.3km s-min=8.7km az=114.1.								
IDC	Error ellipse: s-maj=28.4km s-min=18.0km az=57.0.								
NEIC	Event type se. Error ellipse: s-maj=23.6km s-min=9.8km az=47.0.								
ISC	IV	27 20 42 32.8-52	55.91S-08	27.7W-20	63	4.5b	21	17-153	
NEIC	IV	27 20 42 25.6-49	55.70S	27.68W	10	4.9b			
MOS	IV	27 20 42 28.0-83	55.87S	27.56W	33	5.2b			
ISCJB	IV	27 20 42 31.0-53	55.85S-08	27.7W-20	61	4.5b			

IDC	IV	27 20 42 32.3-57	55.88S	27.67W	60-4	4.4,4.2			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=24.1km s-min=10.8km az=65.0.								
MOS	Error ellipse: s-maj=52.1km s-min=17.7km az=103.7.								
ISCJB	Event type se. Error ellipse: s-maj=20.7km s-min=9.5km az=134.2.								
IDC	Error ellipse: s-maj=19.6km s-min=13.6km az=63.0.								
ISC	IV	28 21 58 04.0-92	55.6S-20	27.5W-30	10	4.1b,3.2s	9	19-151	
ISCJB	IV	28 21 58 02.4-92	55.6S-20	27.4W-30	10	4.1b,3.2s			
IDC	IV	28 21 58 02.5-82	55.51S	27.43W	0	4.0b,4.0			
NEIC	IV	28 21 58 05.6-9.7	55.44S	27.26W	23-66	4.5b,4.0			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=32.4km s-min=14.6km az=110.3.								
IDC	Error ellipse: s-maj=34.2km s-min=22.2km az=52.0.								
NEIC	Event type se. Error ellipse: s-maj=45.4km s-min=11.8km az=48.0.								
ISC	III	13 22 00 02.0-5.8	58.78S-09	25.4W-20	10-37	4.6b,3.9s	32	8-153	
ISCJB	III	13 22 00 03.8-41	58.79S-07	25.3W-20	33	4.6b,3.9s			
MOS	III	13 22 00 04.4-93	58.74S	25.38W	33	4.7b,3.9s			
IDC	III	13 22 00 05.9-5.8	58.71S	25.43W	33-42	4.6L,4.5			
BJI	III	13 22 00 12.5	58.70S	25.40W	94	5.4b,4.5			
NEIC	III	13 22 00 12.6-1.7	58.72S	25.42W	94-14	4.6b,4.5			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=12.9km s-min=8.0km az=117.0.								
MOS	Error ellipse: s-maj=36.1km s-min=15.7km az=101.1.								
IDC	Error ellipse: s-maj=18.7km s-min=14.7km az=4.0.								
NEIC	Event type se. Error ellipse: s-maj=12.5km s-min=10.4km az=217.0.								
ISC	VI	05 17 33 56.5-54	59.63S-08	26.2W-20	10	4.0b,3.8s	19	13-150	
ISCJB	VI	05 17 33 54.8-54	59.63S-08	26.2W-20	10	4.0b,3.8s			
IDC	VI	05 17 33 54.8-69	59.57S	26.24W	0	4.2,4.1			
NEIC	VI	05 17 34 06.5-4.8	59.59S	26.37W	96-44	4.2b,4.1			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=15.9km s-min=9.3km az=105.2.								
IDC	Error ellipse: s-maj=24.4km s-min=19.1km az=10.0.								
NEIC	Event type se. Error ellipse: s-maj=16.5km s-min=12.3km az=219.0.								
IDC	III	09 16 42 17.3-4.1	59.59S	30.04W	0	4.4,4.2b			
ISC	Error ellipse: s-maj=167.7km s-min=40.2km az=167.0.								
IDC	III	21 17 15 03.1-2.0	55.39S	29.04W	0	4.0,3.8b			
ISC	Error ellipse: s-maj=90.5km s-min=46.9km az=11.0.								
IDC	III	28 06 14 21.6-3.7	59.77S	26.51W	0	3.7L,3.7b			
ISC	Error ellipse: s-maj=175.4km s-min=49.5km az=80.0.								
IDC	III	29 23 58 01.9-1.2	57.79S	25.89W	0	3.7b,3.7			
IDC	Error ellipse: s-maj=78.6km s-min=31.1km az=91.0.								
IDC	III	30 17 36 03.7-1.8	56.38S	27.70W	0	3.7b,3.7			
IDC	Error ellipse: s-maj=97.8km s-min=72.5km az=141.0.								
IDC	III	04 19 55 12.5-2.1	55.24S	28.79W	0	3.9b,3.9			
IDC	Error ellipse: s-maj=109.2km s-min=70.9km az=139.0.								
IDC	III	07 10 27 45.7-2.2	59.39S	29.90W	0	4.0b,4.0			
ISC	Error ellipse: s-maj=96.2km s-min=34.8km az=179.0.								
ISC	III	05 17 32 15.4-1.6	56.76						

: N 1.1070,Plg5.0000°,AzM117.0000°; P -4.2970,Plg16.0000°,AzM26.0000°
M3.74000x1016

NEIC Event type se. Error ellipse: s-maj=8.9km s-min=5.8km az=21.0.
ISC III 12 15 42 28.1-83 57.0S-10 25.0W-40 10 4.2b,3.6s 13 16-152
 ISC JB II 12 15 42 26.8-83 57.0S-10 25.0W-40 10 4.2b,3.6s
 IDC III 12 15 42 26.9-80 56.94S 24.91W 0 4.4,4.3b
 NEIC III 12 15 42 28.1-55 56.92S 24.94W 10 4.4b,4.3b
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=32.7km s-min=11.0km az=120.3.
 IDC Error ellipse: s-maj=37.4km s-min=22.4km az=62.0.
 NEIC Event type se. Error ellipse: s-maj=27.6km s-min=9.3km az=58.0.
ISC VI 06 04 07 02.9-2.4 56.17S-08 26.9W-20 54-22 4.5b,3.7s 31 6-154
 IDC VI 06 04 06 55.5-70 56.16S 26.71W 0 4.5,4.4b
 MOS VI 06 04 06 59.4-1.0 56.07S 26.77W 33 4.9b,4.4b
 ISC JB VI 06 04 07 00.5-3.0 56.08S-08 26.8W-20 46-26 4.5b,3.7s
 NEIC VI 06 04 07 03.9-1.4 56.12S 26.83W 64-12 4.7b,3.7s
 ISC Event type se.
 IDC Error ellipse: s-maj=22.4km s-min=20.9km az=164.0.
 MOS Error ellipse: s-maj=41.1km s-min=18.5km az=98.0.
 ISC JB Event type se. Error ellipse: s-maj=17.2km s-min=13.8km az=153.5.
 NEIC Event type se. Error ellipse: s-maj=10.1km s-min=8.4km az=65.0.
ISC III 09 08 24 06.9-1.0 59.7S-20 26.1W-60 10 3.9b 6 13-153
 ISC JB III 09 08 24 05.0-1.0 59.7S-20 26.2W-60 10 3.9b
 IDC III 09 08 24 04.1-1.8 59.93S 26.26W 0 4.1,4.0b
 ISC JB Error ellipse: s-maj=48.4km s-min=13.2km az=127.5.
 IDC Error ellipse: s-maj=75.1km s-min=43.5km az=9.0.
ISC III 09 10 25 37.5-97 59.5S-10 29.4W-40 10 4.2b,4.1s 9 14-152
 ISC JB III 09 10 25 35.9-96 59.5S-10 29.4W-40 10 4.2b,4.1s
 IDC III 09 10 25 35.4-99 59.58S 29.54W 0 4.3,4.3b
 ISC JB Error ellipse: s-maj=27.6km s-min=14.0km az=139.6.
 IDC Error ellipse: s-maj=38.5km s-min=28.2km az=18.0.
ISC III 29 09 57 54.0-5.4 57.4S-20 25.6W-40 54-54 4.1b 8 15-152
 ISC JB III 29 09 57 51.8-6.3 57.4S-20 25.7W-40 49-61 4.1b
 IDC III 29 09 57 58.7-10 57.39S 25.72W 98-93 4.1,3.9
 ISC JB Error ellipse: s-maj=34.8km s-min=33.2km az=163.5.
 IDC Error ellipse: s-maj=29.5km s-min=27.1km az=105.0.
ISC VI 11 19 21 22.8-84 60.5S-20 27.1W-40 10 3.9b 12 13-151
 ISC JB VI 11 19 21 21.1-85 60.5S-20 27.1W-40 10 3.9b
 NEIC VI 11 19 21 26.3-81 60.99S 27.24W 50 4.2b
 IDC VI 11 19 21 32.0-6.8 60.28S 27.41W 72-61 3.9,3.8
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=39.0km s-min=12.8km az=104.9.
 NEIC Event type se. Error ellipse: s-maj=43.5km s-min=16.4km az=48.0.
 IDC Error ellipse: s-maj=43.6km s-min=24.8km az=43.0.
ISC II 02 00 34 48.5-56 59.63S-09 26.2W-20 10 4.5b,4.0s 22 8-153
 ISC JB II 02 00 34 46.8-56 59.63S-09 26.2W-20 10 4.5b,4.0s
 NEIC II 02 00 34 51.8-42 59.65S 26.18W 35 4.7b,4.0s
 IDC II 02 00 34 52.6-2.7 59.66S 26.27W 40-22 4.6L,4.5
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=18.6km s-min=8.1km az=102.7.
 NEIC Event type se. Error ellipse: s-maj=16.3km s-min=7.2km az=51.0.
 IDC Error ellipse: s-maj=26.0km s-min=18.4km az=45.0.
ISC II 03 06 58 16.7-50 55.37S-08 27.9W-10 10 5.0s,4.3b 18 5-151
 ISC JB II 03 06 58 15.0-50 55.35S-08 28.0W-10 10 5.0s,4.3b
 IDC II 03 06 58 15.4-67 55.33S 27.86W 0 4.4b,4.4
 NEIC II 03 06 58 16.8-41 55.32S 27.94W 10 4.6b,4.4
 BJI II 03 06 58 16.8 55.30S 27.90W 10 5.5b,5.4s
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=12.7km s-min=9.3km az=91.8.
 IDC Error ellipse: s-maj=24.0km s-min=16.9km az=20.0.
 NEIC Event type se. Error ellipse: s-maj=10.7km s-min=7.4km az=224.0.
ISC II 04 06 53 40.2-48 55.96S-08 28.1W-10 100 4.4b 24 5-151
 ISC JB II 04 06 53 38.6-47 55.94S-07 28.1W-10 100 4.4b
 IDC II 04 06 53 41.6-73 56.20S 28.19W 119-5 4.6,4.3
 NEIC II 04 06 53 41.1-42 55.89S 27.92W 109 4.9b,4.3
 HRVD II 04 06 53 41.1-40 56.10S 27.63W 121-4 5.0W,4.3
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=12.6km s-min=6.8km az=86.1.
 IDC Error ellipse: s-maj=26.6km s-min=14.8km az=20.0.
 NEIC Event type se. Error ellipse: s-maj=15.3km s-min=9.0km az=224.0.
 HRVD Error ellipse: s-maj=5.6km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s19,c19; Mantle waves: s70,c102; Half duration: 0 Moment tensor: Scale 10¹⁶
 Nm; Mr:0.61±.19 M₀:0.76±.25; M₀:0.14±.19; M₀:2.66±.12; M₀:2.40±.18; M₀:0.11±.10;
 Best double couple: NP1:φ=174.00000°,δ41.00000°,λ171.00000°. NP2:φ=270.00000°
 ,δ84.00000°,λ49.00000°. Principal axes: T 3.4030,Plg37.0000°,AzM145.0000°
 ; N 0.4540,Plg41.0000°,AzM275.0000°; P -3.8570,Plg27.0000°,AzM32.0000°
 M3.63000x1016

ISC II 04 23 43 11.4-45 55.96S-08 28.2W-10 127 4.5b 22 19-153
 ISC JB II 04 23 43 09.6-45 55.92S-08 28.1W-10 125 4.5b
 IDC II 04 23 43 10.7-75 55.93S 28.11W 120-6 4.6,4.3
 NEIC II 04 23 43 10.6-25 55.89S 28.11W 123 4.5b,4.3
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=12.2km s-min=10.1km az=54.4.
 IDC Error ellipse: s-maj=16.9km s-min=13.9km az=19.0.
 NEIC Event type se. Error ellipse: s-maj=9.4km s-min=7.7km az=207.0.
ISC II 05 06 17 28.6-55 59.33S-08 25.0W-20 10 4.1b,3.6s 18 13-153
 ISC JB II 05 06 17 27.2-55 59.31S-08 24.9W-20 10 4.1b,3.6s
 IDC II 05 06 17 27.7-66 59.18S 25.12W 0 4.1,4.1
 NEIC II 05 06 17 29.1-39 59.25S 25.00W 10 4.6b,4.1
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=14.4km s-min=10.0km az=112.4.
 IDC Error ellipse: s-maj=26.4km s-min=19.4km az=167.0.
 NEIC Event type se. Error ellipse: s-maj=13.2km s-min=8.2km az=57.0.
ISC II 07 08 55 56.5-14 58.80S-06 25.7W-10 46-14 4.9b,4.7s 70 7-169
 IDC II 07 08 55 50.0-37 58.71S 25.68W 0 5.2L,4.9b
 NAO II 07 08 55 52.3 59.07S 25.27W 33 5.0b,4.9b
 ISC JB II 07 08 55 54.7-1.9 58.74S-06 25.6W-10 44-18 4.9b,4.7s
 MOS II 07 08 55 59.7-1.4 58.77S 25.80W 81 5.0b,4.7s
 BJI II 07 08 56 00.1 58.48S 26.30W 94 5.3b,4.7s
 HRVD II 07 08 56 01.5-20 59.06S 25.09W 52-0 5.2W,4.7s
 NEIC II 07 08 56 01.5-16 58.69S 25.70W 89 5.0b,4.7s
 ISC Event type se.
 IDC Error ellipse: s-maj=15.8km s-min=12.0km az=17.0.
 ISC JB Event type se. Error ellipse: s-maj=11.6km s-min=7.3km az=77.8.
 MOS Error ellipse: s-maj=25.1km s-min=13.5km az=111.4.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s75,c114; Mantle waves: s79,c130; Half duration: 1±0 Moment tensor: Scale
 10¹⁷Nm; Mr:0.79±.03 M₀:0.15±.03; M₀:0.93±.02; M₀:0.12±.02; M₀:0.01±.02; M₀:0.18±.02;
 Best double couple: NP1:φ=191.00000°,δ40.00000°,λ106.00000°. NP2:φ=350.00000°
 ,δ52.00000°,λ77.00000°. Principal axes: T 0.8260,Plg78.0000°,AzM209.0000°
 ; N 0.1290,Plg10.0000°,AzM359.0000°; P -0.9530,Plg6.0000°,AzM90.0000°
 M0.88900x1017

NEIC Event type se. Error ellipse: s-maj=7.8km s-min=5.5km az=207.0.
ISC II 10 11 47 54.5-5.5 59.9S-20 27.6W-30 107-55 4.3b 13 13-152
 ISC JB II 10 11 47 51.8-5.8 59.8S-20 27.6W-30 94-57 4.3b
 NEIC II 10 11 47 59.0-3.1 59.89S 27.69W 152-28 4.2b
 IDC II 10 11 48 02.2-7.9 59.77S 27.64W 177-68 4.3,3.9
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=30.3km s-min=20.3km az=35.7.
 NEIC Event type se. Error ellipse: s-maj=18.2km s-min=12.9km az=181.0.
 IDC Error ellipse: s-maj=32.7km s-min=19.3km az=180.0.
ISC II 11 05 19 12.4-3.9 59.2S-30 25.7W-50 36-39 3.7b 6 14-153
 ISC JB II 11 05 19 12.2-1.0 59.1S-20 25.7W-50 10 3.7b
 IDC II 11 05 19 12.2-1.1 59.18S 25.65W 0 3.9b,3.9
 ISC JB Error ellipse: s-maj=41.2km s-min=14.4km az=122.8.
 IDC Error ellipse: s-maj=43.7km s-min=34.5km az=50.0.
ISC II 11 16 18 8.6-5.5 58.75S-10 25.2W-10 9-42 4.4s,4.4b 26 8-156
 ISC JB II 11 16 18 7.4-4.3 58.72S-07 25.1W-10 10 4.4s,4.4b
 NEIC II 11 16 18 7.8-5.2 58.44S 26.05W 10 4.6b,4.4b

II 11 16 18 22.6-3.1 58.71S 25.22W 32-21 4.4L,4.3
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=11.6km s-min=8.7km az=95.5.
 NEIC Event type se. Error ellipse: s-maj=20.8km s-min=17.6km az=55.0.
 IDC Error ellipse: s-maj=18.4km s-min=15.2km az=2.0.
ISC II 11 21 54 56.1-84 58.78S-09 25.0W-20 10 4.1b 13 14-153
 ISC JB II 11 21 54 54.6-85 58.76S-09 24.9W-30 10 4.1b
 IDC II 11 21 54 54.6-87 58.72S 25.00W 0 4.2,4.1b
 NEIC II 11 21 55 00.0-47 58.79S 24.85W 35 4.0b,4.1b
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=19.2km s-min=12.7km az=31.7.
 IDC Error ellipse: s-maj=39.1km s-min=24.4km az=112.0.
 NEIC Event type se. Error ellipse: s-maj=16.6km s-min=12.5km az=126.0.
IDC II 12 14 17 04.3-99 56.19S 25.06W 0 4.2,4.1b 11 14-153
 IDC Error ellipse: s-maj=37.3km s-min=30.0km az=67.0.
ISC II 13 16 27 25.8-2.7 56.0S-20 28.4W-30 131-24 4.0b 12 5-151
 ISC JB II 13 16 27 23.2-3.3 56.0S-20 28.3W-40 120-30 4.1b
 IDC II 13 16 27 27.0-2.6 56.02S 28.16W 145-22 4.2,3.8
 NEIC II 13 16 27 26.4-3.3 55.91S 28.26W 143-28 4.2b,3.8
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=41.1km s-min=16.2km az=97.1.
 IDC Error ellipse: s-maj=32.8km s-min=18.8km az=32.0.
 NEIC Event type se. Error ellipse: s-maj=52.0km s-min=15.0km az=50.0.
ISC II 16 19 23 33.7-77 58.8S-10 25.2W-30 10 4.1b,3.7s 13 14-153
 IDC II 16 19 23 31.9-77 58.73S 25.29W 10 4.2,4.1
 ISC JB II 16 19 23 32.1-76 58.7S-10 25.2W-30 10 4.1b,3.7s
 NEIC II 16 19 23 35.8-4.7 58.71S 25.10W 27-32 4.7b,3.7s
 ISC Event type se.
 IDC Error ellipse: s-maj=31.0km s-min=23.1km az=52.0.
 ISC JB Event type se. Error ellipse: s-maj=28.0km s-min=10.4km az=116.0.
 NEIC Event type se. Error ellipse: s-maj=31.0km s-min=11.1km az=48.0.
ISC II 17 12 18 27.0-1.5 56.14S-08 27.7W-20 134-15 4.6b 36 5-162
 MOS II 17 12 18 22.6-87 56.07S 27.59W 104 5.1b
 BJI II 17 12 18 25.8 56.22S 27.70W 130 5.5b
 ISC JB II 17 12 18 25.2-1.6 56.07S-08 27.6W-20 130-16 4.6b
 NEIC II 17 12 18 26.3-2.7 56.08S 27.70W 130 5.2b
 IDC II 17 12 18 26.2-5.7 56.09S 27.68W 125-4 4.8,4.5
 HRVD II 17 12 18 26.3-5.0 56.15S 27.13W 123-7 4.9W,4.5
 ISC Event type se.
 MOS Error ellipse: s-maj=30.3km s-min=14.6km az=100.0.
 ISC JB Event type se. Error ellipse: s-maj=16.4km s-min=9.8km az=106.7.
 NEIC Event type se. Error ellipse: s-maj=11.8km s-min=7.5km az=48.0.
 IDC Error ellipse: s-maj=13.6km s-min=10.9km az=25.0.
 HRVD Error ellipse: s-maj=8.9km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s10,c10; Mantle waves: s55,c63; Half duration: 0 Moment tensor: Scale 10¹⁶
 Nm; Mr:2.36±.14 M₀:2.44±.32; M₀:0.08±.30; M₀:0.25±.18; M₀:1.32±.16; M₀:0.83±.14;
 Best double couple: NP1:φ=272.00000°,δ48.00000°,λ59.00000°. NP2:φ=134.00000°
 ,δ50.00000°,λ120.00000°. Principal axes: T 7.2200,Plg67.0000°,AzM111.0000°
 ; N 0.2880,Plg23.0000°,AzM294.0000°; P -3.0060,Plg1.0000°,AzM203.0000°
 M2.86300x1016

IDC II 19 07 02 03.0-5.6 57.73S 22.93W 0 3.8b,3.8 11 14-153
 IDC Error ellipse: s-maj=259.3km s-min=70.1km az=147.0.
ISC II 19 15 53 34.0-3.6 56.0S-10 27.5W-20 134-35 4.2b 22 17-151
 IDC II 19 15 53 30.4-6.5 55.94S 27.51W 97-5 4.5,4.3
 ISC JB II 19 15 53 31.7-3.7 55.9S-10 27.5W-20 126-35 4.3b,4.3
 NEIC II 19 15 53 32.5-2.5 55.90S 27.45W 118-21 4.7b,4.3
 ISC Event type se.
 IDC Error ellipse: s-maj=19.5km s-min=14.4km az=37.0.
 ISC JB Event type se. Error ellipse: s-maj=21.9km s-min=15.5km az=99.2.
 NEIC Event type se. Error ellipse: s-maj=14.7km s-min=9.7km az=47.0.
IDC II 23 12 51 16.2-2.4 60.44S 27.24W 0 4.1,3.9b 11 14-153
 IDC Error ellipse: s-maj=91.9km s-min=47.2km az=16.0.
IDC II 27 09 45 04.7-31 59.68S 22.94W 0 3.6b,3.6 11 14-153
 IDC Error ellipse: s-maj=2154.0km s-min=76.4km az=136.0.
ISC V 17 16 35 53.8-42 60.91S-08 26.4W-20 10 4.7b,4.3s 40 12-158
 ISC JB V 17 16 35 51.9-43 60.94S-08 26.5W-20 10 4.7b,4.3s
 IDC V 17 16 35 53.4-57 60.62S 26.27W 0 4.7,4.7b
 MOS V 17 16 35 55.3-2.2 60.96S 26.78W 32 4.8b,4.7b
 NEIC V 17 16 35 57.7-5.3 60.63S 26.37W 29-37 4.8b,4.7b
 BJI V 17 16 35 57.7 60.60S 26.40W 28 5.2s,5.2b
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=16.4km s-min=7.1km az=100.7.
 IDC Error ellipse: s-maj=22.0km s-min=16.9km az=55.0.
 MOS Error ellipse: s-maj=45.4km s-min=15.6km az=110.9.
 NEIC Event type se. Error ellipse: s-maj=14.2km s-min=9.2km az=50.0.
ISC V 29 05 20 38.8-1.1 59.65S-05 26.30W-09 37-10 5.5b,5.2s 118 8-179
 GUC V 29 05 19 57.1-2.6 61.11S 17.90W 0-999 5.5W,5.2s
 BJI V 29 05 20 36.2 59.60S 26.20W 44 5.5s,5.4b
 ISC JB V 29 05 20 37.5-1.8 59.58S-05 26.25W-10 39-16 5.5b,5.2s
 NEIC V 29 05 20 39.2-1.4 59.59S 26.24W 44 5.6s,5.5W
 HRVD V 29 05 20 39.2-1.0 59.75S 25.79W 48-0 5.7W,5.5W
 V 29 05 20 48.0-1.4 59.56S 26.48W 127 5.3b,5.5W
 IDC V 29 05 20 48.5-1.7 59.50S 26.60W 121-14 5.4,5.1
 ISC Event type se.
 GUC Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.
 ISC JB Event type se. Error ellipse: s-maj=10.1km s-min=6.1km az=85.3.
 NEIC Event type se. Error ellipse: s-maj=7.6km s-min=5.2km az=205.0. Moment Tensor Solution.
 s12 Moment tensor: Scale 10¹⁷Nm; Mr:2.48 M₀:0.93 M₀:1.55 M₀:0.53 M₀:0.77 M₀:0.63
 Best double couple: NP1:φ=19.00000°,δ50.00000°,λ71.00000°. NP2:φ=227.00000°
 ,δ44.00000°,λ111.00000°. Principal axes: T 2.6900,Plg75.0000°,AzM224.0000°
 ; N -0.6100,Plg14.0000°,AzM32.0000°; P -2.0800,Plg3.0000°,AzM123.0000°
 M2.40000x1017

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s100,c200; Mantle waves: s100,c270; Half duration: 157 Moment tensor:
 Scale 10¹⁷Nm; Mr:3.25±.05 M₀:0.12±.04; M₀:3.37±.04; M₀:0.92±.04; M₀:1.74±.03;
 M₀:0.83±.04; Best double couple: NP1:φ=223.00000°,δ46.00000°,λ121.00000°. NP2:
 φ=2.00000°,δ52.00000°,λ62.00000°. Principal axes: T 3.7440,Plg68.0000°,AzM210.0000°
 ; N 0.3690,Plg22.0000°,AzM20.0000°; P -4.1140,Plg3.0000°,AzM112.0000°
 M3.92900x1017

MOS Error ellipse: s-maj=24.3km s-min=11.8km az=102.5.
 IDC Error ellipse: s-maj=12.1km s-min=8.4km az=15.0.
ISC V 29 14 27 19.8-1.1 57.2S-20 26.7W-50 10 3.9b 8 18-151
 ISC JB V 29 14 27 18.7-1.1 57.1S-20 26.9W-50 10 3.9b
 IDC V 29 14 27 21.0-1.4 56.91S 25.32W 40 3.8b
 NEIC V 29 14 27 31.4-9.6 57.21S 26.97W 107-89 3.9,3.6b
 ISC Event type se.
 ISC JB Event type se. Error ellipse: s-maj=40.5km s-min=21.0km az=134.9.
 IDC Error ellipse: s-maj=83.6km s-min=15.7km az=60.0.
 NEIC Error ellipse: s-maj=40.3km s-min=24.5km az=63.0.
ISC V 02 15 56 35.1-1.5 56.96S-07 25.8W-10 69-14 4.8b 50 7-159
 MOS V 02 15 56 30.3-1.2 56.81S 25.81W 33 5.3b
 ISC JB V 02 15 56 32.9-1.7 56.87S-07 25.7W-10 61-16 4.8b
 IDC V 02 15 56 34.9-5.5 56.89S 25.87W 62-4 5.0,4.6
 NEIC V 02 15 56 35.2-1.2 56.92S 25.74W 69-11 4.9b,4.6
 BJI V 02 15 56 35.2 56.90S 25.70W 68 5.9s,5.6b
 ISC Event type se.
 MOS Error ellipse: s-maj=26.3km s-min=13.9km az=104.8.
 IDC Error ellipse: s-maj=13.3km s-min=8.2km az=80.8.
 NEIC Error ellipse: s-maj=14.6km s-min=11.5km az=45.0.
 Event type se. Error ellipse: s-maj=10.3km s-min=6.5km az=218.0.
ISC V 27 03 43 53.0-4.8 56.1S-20 27.7W-30 97-50 4.0b 15 17-151
 ISC JB V 27 03 43 51.4-5.1 56.1S-20 27.7W-30 96-51 4.0b
 NEIC V 27 03 43 52.5-7.6 55.98S 27.50W 100 4.1b
 IDC V 27 03 43 57.3-11 56.10S 27.78W 136-101 4.0,3.7
 ISC Event type se.

ISCJB	Event type se. Error ellipse: s-maj=38.2km s-min=19.6km az=102.2.								
NEIC	Event type se. Error ellipse: s-maj=31.0km s-min=12.8km az=55.0.								
IDC	Error ellipse: s-maj=34.8km s-min=23.5km az=66.0.								
IDC	V 03 13 44 10.3-1.9 56.47S 27.85W 0 4.0b,4.0								
IDC	Error ellipse: s-maj=100.2km s-min=61.7km az=152.0.								
IDC	V 04 01 08 45.1-26 60.70S 26.36W 0 3.8b,3.8								
IDC	Error ellipse: s-maj=1834.0km s-min=76.8km az=140.0.								
IDC	V 04 01 22 30.4-1.1 58.23S 29.73W 0 4.1,4.0b								
IDC	Error ellipse: s-maj=49.9km s-min=31.4km az=90.0.								
IDC	V 06 08 11 40.9-1.7 56.48S 27.43W 0 4.1,4.0b								
IDC	Error ellipse: s-maj=71.9km s-min=42.0km az=4.0.								
ISC	V 29 06 29 46.8-76 59.65S-10 26.1W-40 10 3.7b 12 13-153								
ISCJB	V 29 06 29 45.1-76 59.65S-10 26.1W-40 10 3.7b 12 13-153								
IDC	V 29 06 30 01.2-12 59.62S 26.42W 135-111 3,7,3,5								
ISCJB	Error ellipse: s-maj=30.6km s-min=9.8km az=113.8.								
IDC	Error ellipse: s-maj=37.8km s-min=22.7km az=70.0.								
ISC	V 01 23 37 52.4-4.1 57.85S-10 25.8W-30 70-38 4.1b 16 17-160								
ISCJB	V 01 23 37 50.1-4.4 57.75S-10 25.9W-30 62-40 4.2b								
IDC	V 01 23 37 53.4-5.5 57.77S 25.83W 80-49 4.2,3.9b								
NEIC	V 01 23 37 53.3-3.2 57.71S 25.84W 78-28 4.1b,3.9b								
BJI	V 01 23 37 53.2 57.70S 25.80W 78 5.2b,5.0s								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=31.8km s-min=14.1km az=126.7.								
IDC	Error ellipse: s-maj=28.3km s-min=15.6km az=65.0.								
NEIC	Event type se. Error ellipse: s-maj=26.0km s-min=10.9km az=60.0.								
IDC	V 04 00 02 34.0-90 58.22S 29.84W 0 4.0,3.9b								
IDC	Error ellipse: s-maj=36.4km s-min=25.2km az=63.0.								
ISC	V 04 00 06 25.4-61 59.75S-10 26.4W-30 10 4.0b 19 13-153								
ISCJB	V 04 00 06 23.6-61 59.75S-10 26.4W-30 10 4.0b								
IDC	V 04 00 06 24.1-77 59.60S 26.42W 0 4.2L,4.2								
NEIC	V 04 00 06 28.9-51 59.65S 26.34W 35 4.3b,4.2								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=25.0km s-min=9.2km az=115.6.								
IDC	Error ellipse: s-maj=28.9km s-min=20.8km az=35.0.								
NEIC	Event type se. Error ellipse: s-maj=25.0km s-min=12.3km az=51.0.								
ISC	V 04 01 38 13.6-83 60.85S-20 26.8W-60 10 4.1b,3.8s 8 12-153								
ISCJB	V 04 01 38 11.7-82 60.95S-20 26.9W-60 10 4.1b,3.8s								
IDC	V 04 01 38 12.7-1.3 60.75S 26.87W 0 4.3,4.2b								
ISCJB	Error ellipse: s-maj=46.9km s-min=10.9km az=116.9.								
IDC	Error ellipse: s-maj=54.4km s-min=29.9km az=34.0.								
ISC	V 09 23 15 15.2-98 55.25S-20 29.5W-50 10 3.9b 8 20-152								
ISCJB	V 09 23 15 13.6-99 55.25S-20 29.4W-50 10 3.9b								
IDC	V 09 23 15 14.0-1.9 55.16S 29.38W 0 4.3,4.1b								
NEIC	V 09 23 15 15.8-1.4 55.20S 27.86W 10 3.7b,4.1b								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=41.0km s-min=20.5km az=138.7.								
IDC	Error ellipse: s-maj=71.1km s-min=33.8km az=13.0.								
NEIC	Event type se. Error ellipse: s-maj=89.7km s-min=19.6km az=60.0.								
ISC	V 13 23 53 31.1-1.4 56.22S-05 27.7W-10 95-13 5.2b 70 5-166								
CSEM	V 13 23 53 22.2 56.07S 27.56W 33 5.6b								
MOS	V 13 23 53 27.5-75 56.09S 27.64W 72 5.3b								
ISCJB	V 13 23 53 29.4-1.7 56.09S-05 27.7W-10 90-16 5.2b								
HRVD	V 13 23 53 31.8-20 56.32S 27.40W 90-2 5.1W								
NEIC	V 13 23 53 31.8-14 56.05S 27.61W 102 5.3b								
BJI	V 13 23 53 31.7 56.00S 27.60W 101 5.3b								
IDC	V 13 23 53 32.3-56 56.16S 27.74W 105-4 5.0,4.7								
ISC	Event type se.								
MOS	Error ellipse: s-maj=22.3km s-min=11.1km az=105.2.								
ISCJB	Event type se. Error ellipse: s-maj=12.1km s-min=6.5km az=107.6.								
HRVD	Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14,c59; Mantle waves: s77,c112; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₁ :3.17±16 M ₂ :2.67±17; M ₃ :0.50±16; M ₄ :2.24±11; M ₅ :2.56±14; M ₆ :1.75±10; Best double couple: NP1:φ:242.00000°,δ27.00000°,λ-82.00000°; NP2:φ:340.00000°,δ64.00000°,λ-94.00000°. Principal axes: T 5.3140,Plg18.0000°,AzM146.0000°; N -1.1780,Plg4.0000°,AzM55.0000°; P -4.1320,Plg71.0000°,AzM314.0000°; M ₀ :4.72300×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=7.4km s-min=5.4km az=208.0.								
IDC	Error ellipse: s-maj=14.1km s-min=10.7km az=38.0.								
ISC	V 13 09 55 50.6-2.3 56.05S-20 28.0W-30 83-23 4.0b 14 5-151								
NEIC	V 13 09 55 41.3-74 55.64S 26.93W 10 4.3b								
ISCJB	V 13 09 55 49.5-2.5 56.05S-10 28.1W-30 87-25 4.0b								
IDC	V 13 09 55 54.2-11 56.01S 27.45W 106-99 4.1,3.9								
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=26.8km s-min=13.6km az=224.0.								
ISCJB	Event type se. Error ellipse: s-maj=33.6km s-min=12.4km az=92.6.								
IDC	Error ellipse: s-maj=52.2km s-min=28.7km az=104.0.								
ISC	V 14 09 45 14.8-8.9 59.65S-10 26.0W-30 4-55 4.1b 23 15-153								
ISCJB	V 14 09 45 13.1-79 59.45S-10 25.4W-20 10 4.1b								
IDC	V 14 09 45 14.6-76 59.60S 26.08W 0 4.4L,4.2								
NEIC	V 14 09 45 21.2-54 59.57S 25.73W 55 4.3b,4.2								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=22.2km s-min=9.6km az=99.7.								
IDC	Error ellipse: s-maj=28.9km s-min=20.3km az=48.0.								
NEIC	Event type se. Error ellipse: s-maj=17.8km s-min=9.2km az=48.0.								
ISC	V 14 12 47 00.0-1.7 55.94S-08 27.7W-20 75-18 4.3b 29 5-151								
ISCJB	V 14 12 46 58.4-2.0 55.88S-08 27.7W-20 74-20 4.3b								
NEIC	V 14 12 47 00.9-1.4 55.90S 27.79W 84-12 4.5b								
IDC	V 14 12 47 03.2-4.8 55.93S 27.69W 103-44 4.3,4.1								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=19.2km s-min=9.7km az=110.7.								
NEIC	Event type se. Error ellipse: s-maj=12.0km s-min=7.4km az=56.0.								
IDC	Error ellipse: s-maj=18.2km s-min=13.6km az=51.0.								
ISC	V 23 19 19 20.7-85 60.1S-20 26.5W-50 10 3.9b 7 13-153								
ISCJB	V 23 19 19 18.7-84 60.2S-20 26.6W-60 10 3.9b								
IDC	V 23 19 19 18.2-1.9 60.33S 26.66W 0 4.1,4.0b								
ISCJB	Error ellipse: s-maj=45.4km s-min=11.4km az=119.0.								
IDC	Error ellipse: s-maj=75.0km s-min=37.3km az=16.0.								
IDC	I 30 19 52 57.8-1.9 56.01S 26.94W 0 3.4b,3.4								
IDC	Error ellipse: s-maj=95.3km s-min=68.6km az=157.0.								
IDC	I 27 14 47 44.3-11 56.11S 27.37W 263-110 4.0,3.5								
IDC	Error ellipse: s-maj=53.0km s-min=25.0km az=89.0.								
IDC	I 26 05 59 49.2-1.2 55.09S 27.71W 36-5 3.9s,3.9								
IDC	Error ellipse: s-maj=55.5km s-min=30.1km az=9.0.								
IDC	I 26 05 16 05.9-1.2 55.08S 27.87W 37-6 3.7,3.5b								
IDC	Error ellipse: s-maj=66.3km s-min=46.7km az=152.0.								
IDC	I 26 03 37 12.3-3.5 57.55S 29.80W 0 4.4,4.4								
IDC	Error ellipse: s-maj=220.6km s-min=64.4km az=144.0.								
IDC	I 26 02 50 15.4-2.5 56.98S 30.28W 0 4.2b,4.2								
IDC	Error ellipse: s-maj=88.0km s-min=49.8km az=178.0.								
IDC	I 23 21 34 01.2-6.7 55.95S 26.85W 0 3.8,3.6b								
IDC	Error ellipse: s-maj=513.3km s-min=38.5km az=104.0.								
IDC	I 23 09 16 30.2-16 56.95S 27.05W 0 4.0b,4.0								
IDC	Error ellipse: s-maj=1017.0km s-min=65.5km az=143.0.								
IDC	I 17 23 35 10.7-3.9 59.32S 25.39W 0 4.4b,4.4								
IDC	Error ellipse: s-maj=217.6km s-min=82.6km az=96.0.								
IDC	I 17 19 21 47.8-1.3 55.67S 27.19W 0 3.9,3.6b								

IDC	Error ellipse: s-maj=97.3km s-min=49.8km az=86.0.								
IDC	I 07 09 06 33.9-1.9 57.51S 27.61W 0 3.8b,3.8								
IDC	Error ellipse: s-maj=111.6km s-min=74.0km az=140.0.								
IDC	I 05 17 48 10.4-2.1 56.46S 24.39W 0 4.2,4.0b								
IDC	Error ellipse: s-maj=85.3km s-min=46.2km az=4.0.								
IDC	I 05 09 15 19.1-1.1 56.00S 25.23W 0 4.1,3.9b								
IDC	Error ellipse: s-maj=42.7km s-min=32.4km az=81.0.								
IDC	I 04 07 11 55.4-1.7 60.63S 22.82W 0 4.1s,4.1								
IDC	Error ellipse: s-maj=66.3km s-min=30.2km az=8.0.								
ISC	I 02 11 42 19.3-6.1 61.03S-08 23.2W-20 18-39 4.5b,4.0s 26 11-155								
ISCJB	I 02 11 42 16.4-4.1 61.04S-06 23.1W-20 10 4.5b,4.0s								
IDC	I 02 11 42 17.0-89 61.02S 23.22W 0 4.6L,4.4								
NEIC	I 02 11 42 18.5-32 60.99S 23.18W 10 4.8b,4.4								
ISC	Event type se.								

NEIC	I	08 00 13 46.2-57	56.49S	24.79W	35	4.8b,4.0b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=18.3km s-min=13.1km az=116.1.							
IDC		Error ellipse: s-maj=25.6km s-min=20.9km az=17.0.							
NEIC		Event type se. Error ellipse: s-maj=20.0km s-min=13.4km az=53.0.							
ISC	I	09 21 44 08.1-11	56.85S	25.00W	10	3.9b	5	16-152	
ISCJB	I	09 21 44 09.2-11	56.75S	25.00W	10	3.9b		¶19479678	
IDC	I	09 21 44 09.5-11	56.68S	25.12W	0	4.1,3.9b			
ISCJB		Error ellipse: s-maj=44.2km s-min=16.5km az=139.2.							
IDC		Error ellipse: s-maj=42.4km s-min=31.0km az=82.0.							
ISC	I	21 01 30 08.5-59	55.415S	27.3W	20	10	4.0b,3.7s	16	18-151
ISCJB	I	21 01 30 06.7-59	55.365S	27.3W	20	10	4.0b,3.7s	¶19484325	
IDC	I	21 01 30 07.1-93	55.35S	27.61W	0	4.0,3.8			
NEIC	I	21 01 30 07.9-73	55.52S	27.27W	10	4.2b,3.8			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=17.9km s-min=11.5km az=111.2.							
IDC		Error ellipse: s-maj=33.1km s-min=28.8km az=59.0.							
NEIC		Event type se. Error ellipse: s-maj=26.4km s-min=18.3km az=213.0.							
ISC	I	25 19 28 46.5-5.9	56.15S	26.9W	50	112-58	4.6b	8	17-151
NEIC	I	25 19 28 34.2-58	55.80S	26.82W	10	4.8b		¶19485999	
IDC	I	25 19 28 43.5-8.2	55.98S	27.05W	82-73	4.4,4.3b			
ISCJB	I	25 19 28 44.9-5.7	56.05S	26.9W	50	111-56	4.6b,4.3b		
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	I	27 20 01 16.8-70	56.45S	30.5W	30	10	4.5b	11	19-153
ISCJB	I	27 20 01 15.1-70	56.35S	30.5W	30	10	4.5b	¶19486899	
IDC	I	27 20 01 15.1-88	56.35S	30.70W	0	4.3b,4.2			
NEIC	I	27 20 01 16.1-64	56.33S	30.86W	10	4.8b,4.2			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=21.9km s-min=14.7km az=113.5.							
IDC		Error ellipse: s-maj=33.4km s-min=25.9km az=90.0.							
NEIC		Event type se. Error ellipse: s-maj=23.8km s-min=16.9km az=222.0.							
ISC	I	29 13 20 37.6-3.2	55.75S	25.6W	10	37-32	4.5b,3.8s	23	17-158
ISCJB	I	29 13 20 34.2-6.7	55.65S	25.6W	10	23-49	4.5b,3.8s	¶19487528	
IDC	I	29 13 20 38.5-5.2	55.62S	25.63W	42-47	4.4,4.3L			
NEIC	I	29 13 20 40.6-1.8	55.66S	25.64W	66-15	4.9b,4.3L			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=17.8km s-min=12.6km az=35.5.							
IDC		Error ellipse: s-maj=19.4km s-min=17.6km az=178.0.							
NEIC		Event type se. Error ellipse: s-maj=8.2km s-min=6.1km az=209.0.							
ISC	I	10 22 44 20.6-2.7	56.64S	25.1W	30	45-27	4.4b,3.7s	15	16-152
IDC	I	10 22 44 14.6-76	56.67S	25.18W	0	4.1,4.1b		¶19480103	
NEIC	I	10 22 44 15.9-35	56.64S	25.12W	0	4.5b,4.1b			
ISCJB	I	10 22 44 17.9-5.7	56.59S	25.1W	30	33-42	4.4b,3.7s		
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	I	10 22 47 17.9-3.1	56.85S	25.4W	40	45-29	4.5b	13	16-151
IDC	I	10 22 47 11.8-1.1	56.69S	25.30W	0	4.3b,4.3		¶19480104	
NEIC	I	10 22 47 12.9-50	56.62S	25.13W	0	4.4b,4.1			
ISCJB	I	10 22 47 14.7-6.3	56.75S	25.4W	40	30-44	4.5b,4.3		
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	I	13 00 50 53.4-3.4	56.15S	26.8W	20	82-34	4.2b	18	17-169
IDC	I	13 00 50 43.4-81	56.05S	26.78W	0	4.3,4.1		¶19480886	
NEIC	I	13 00 50 45.0-34	56.07S	26.78W	10	4.3b,4.1			
ISCJB	I	13 00 50 51.4-3.8	56.05S	26.8W	20	76-36	4.2b,4.1		
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	I	25 04 26 16.8-65	56.45S	30.4W	20	10	4.3b,3.8s	16	4-153
ISCJB	I	25 04 26 15.2-65	56.45S	30.4W	20	10	4.3b,3.8s	¶19485740	
IDC	I	25 04 26 15.4-79	56.35S	30.33W	0	4.3b,4.3			
NEIC	I	25 04 26 19.2-4.2	56.39S	30.35W	28-30	4.7b,4.3			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=19.2km s-min=9.0km az=66.0.							
IDC		Error ellipse: s-maj=27.3km s-min=20.7km az=49.0.							
NEIC		Event type se. Error ellipse: s-maj=23.5km s-min=10.6km az=221.0.							
ISC	I	26 03 43 24.1-5.7	56.75S	30.4W	20	38-58	4.5b,3.6s	22	17-153
IDC	I	26 03 43 18.6-72	56.57S	30.43W	0	4.4,4.4b		¶18079312	
ISCJB	I	26 03 43 21.9-54	56.61S	30.4W	20	33	4.5b,3.6s		
BJI	I	26 03 43 29.4	56.60S	30.40W	91	5.2b,3.6s			
NEIC	I	26 03 43 29.4-3.6	56.65S	30.42W	91-33	4.5b,3.6s			
ISC		Event type se.							
IDC		Error ellipse: s-maj=23.7km s-min=20.1km az=31.0.							
ISCJB		Event type se. Error ellipse: s-maj=16.9km s-min=11.3km az=107.4.							
NEIC		Event type se. Error ellipse: s-maj=17.5km s-min=10.6km az=45.0.							
ISC	I	17 20 24 42.2-55	59.20S	24.7W	20	10	4.3b,4.0s	20	13-153
ISCJB	I	17 20 24 40.4-55	59.18S	24.7W	20	10	4.3b,4.0s	¶19482470	
IDC	I	17 20 24 41.4-92	59.03S	25.04W	0	4.3,4.3			
NEIC	I	17 20 24 48.2-68	59.33S	24.51W	55	4.6b,4.3			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=12.5km s-min=9.4km az=101.9.							
IDC		Error ellipse: s-maj=35.1km s-min=25.2km az=138.0.							
NEIC		Event type se. Error ellipse: s-maj=18.5km s-min=12.6km az=61.0.							
ISC	I	19 02 20 05.4-98	56.15S	27.2W	50	100	3.8b	6	17-151
ISCJB	I	19 02 20 03.8-99	56.05S	27.2W	50	100	3.8b	¶19483680	
IDC	I	19 02 20 09.3-11	56.03S	27.25W	134-100	3.9,3.7			
ISCJB		Error ellipse: s-maj=40.0km s-min=14.5km az=136.0.							
IDC		Error ellipse: s-maj=36.7km s-min=28.3km az=77.0.							
ISC	V	17 20 52 40.4-2.1	56.95S	26.6W	30	97-21	4.5b	17	6-151
MOS	V	17 20 52 33.6-2.7	56.76S	26.60W	33	4.6b		¶18713664	
IDC	V	17 20 52 38.1-66	56.82S	26.70W	73-5	4.3,4.1			
ISCJB	V	17 20 52 39.2-2.3	56.95S	26.6W	20	101-23	4.5b,4.1		
NEIC	V	17 20 52 40.4-1.5	56.82S	26.52W	94-13	5.0b,4.1			
ISC		Event type se.							
MOS		Error ellipse: s-maj=47.3km s-min=17.5km az=102.5.							
IDC		Error ellipse: s-maj=20.7km s-min=15.9km az=59.0.							
ISCJB		Event type se. Error ellipse: s-maj=25.3km s-min=13.3km az=113.7.							
NEIC		Event type se. Error ellipse: s-maj=16.6km s-min=8.6km az=54.0.							
ISC	V	28 08 33 39.5-1.0	55.55S	29.7W	50	10	3.8s,3.7b	7	18-149
ISCJB	V	28 08 33 37.9-1.0	55.55S	29.7W	50	10	3.8s,3.7b	¶19599507	
IDC	V	28 08 33 37.1-1.2	55.61S	29.54W	0	3.9,3.8s			
ISCJB		Error ellipse: s-maj=42.9km s-min=15.2km az=135.1.							
IDC		Error ellipse: s-maj=48.7km s-min=32.5km az=89.0.							
ISC	VI	20 21 13 54.8-4.5	58.25S	25.5W	30	40-44	3.9b	10	16-150
ISCJB	VI	20 21 13 52.5-70	58.25S	25.5W	30	33	3.9b	¶19222328	
NEIC	VI	20 21 13 55.0-2.9	58.21S	25.44W	41-27	3.5b			
IDC	VI	20 21 13 55.6-6.6	58.19S	25.50W	43-62	4.0,3.8b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=26.5km s-min=13.8km az=124.8.							
NEIC		Event type se. Error ellipse: s-maj=21.0km s-min=12.3km az=53.0.							
IDC		Error ellipse: s-maj=29.8km s-min=19.7km az=63.0.							
ISC	VI	23 07 00 18.9-82	55.35S	28.8W	20	10	4.2b,3.5s	12	5-152
ISCJB	VI	23 07 00 17.1-82	55.25S	28.7W	20	10	4.2b,3.5s	¶19222481	
NEIC	VI	23 07 00 18.9-40	55.16S	28.64W	10	4.2b,3.5s			
IDC	VI	23 07 00 23.2-83	55.18S	28.58W	37-6	4.1,4.1			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=23.7km s-min=12.9km az=105.4.							
NEIC		Event type se. Error ellipse: s-maj=15.3km s-min=9.3km az=50.0.							
IDC		Error ellipse: s-maj=32.3km s-min=20.3km az=66.0.							
IDC	VI	24 11 36 58.0-1.1	55.52S	28.87W	0	4.0,3.8		¶19600389	
IDC	III	01 17 06 41.3-1.8	58.90S	25.04W	0	4.4b,4.4		¶10595272	
IDC		Error ellipse: s-maj=101.5km s-min=67.6km az=131.0.							
ISC	VI	26 21 19 59.6-9.7	56.45S	27.1W	20	90-93	4.3b	15	32-151
ISCJB	VI	26 21 19 59.2-57	56.45S	27.2W	20	100	4.3b	¶19222672	

IDC	VI	26 21 20 02.4-7.6	56.38S	27.16W	114-71	4.2,4.0			
NEIC	VI	26 21 20 03.9-5.2	56.40S	27.16W	131-49	4.5b,4.0			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=18.6km s-min=12.9km az=96.6.							
IDC		Error ellipse: s-maj=22.7km s-min=14.7km az=49.0.							
NEIC		Event type se. Error ellipse: s-maj=16.7km s-min=10.4km az=50.0.							
ISC	VI	28 18 36 31.2-72	55.25S	27.9W	20	10	4.2b,4.0s	10	5-151
ISCJB	VI	28 18 36 29.6-72	55.15S	27.9W	20	10	4.2b,4.0s	¶19222803	
IDC	VI	28 18 36 29.8-96	55.07S	27.84W	0	4.2b,4.2			
NEIC	VI	28 18 36 31.2-72	55.12S	27.91W	10	4.4b,4.2			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=31.4km s-min=24.9km az=73.0.							
IDC		Error ellipse: s-maj=20.7km s-min=15.5km az=213.0.							
NEIC		Event type se.							
ISC	IV	11 02 52 01.2-39	56.25S	27.0W	10	100	4.6b	33	6-151
ISCJB	IV	11 02 51 59.7-39	56.19S	27.0W	10	100	4.6b	¶19594622	
IDC	IV	11 02 52 01.3-76	56.29S	26.89W	100-6	4.5,4.3			
NEIC	IV	11 02 52 01.4-29	56.25S	26.91W	102	4.9b,4.3			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=10.2km s-min=6.6km az=68.5.							
IDC		Error ellipse: s-maj=16.7km s-min=11.9km az=37.0.							
NEIC		Event type se. Error ellipse: s-maj=9.5km s-min=7.3km az=213.0.							
ISC	IV	14 09 51 22.5-1.4	56.17S	27.2W	10	103-13	4.8b	65	6-161
MOS	IV	14 09 51 17.0-88	56.08S	27.14W	61	5.2b		¶18320524	
IDC	IV	14 09 51 21.9-1.2	56.17S	27.24W	96-9	4.8,4.5b			
ISCJB	IV	14 09 51 21.1-1.5	56.09S	27.2W	103-14	4.8b,4.5b			
HRVD	IV	14 09 51 23.7-50	56.31S	26.77W	109-6	5.0W,4.5b			
NEIC	IV	14 09 51 23.7-22	56.15S	27.24W	114	4.9b,4.5b			
BJI	IV	14 09 51 23.6	56.10S	27.20W	113	5.4b,4.5b			
ISC		Event type se.							
MOS		Error ellipse: s-maj=33.1km s-min=12.8km az=103.7.							
IDC		Error ellipse: s-maj=12.9km s-min=10.2km az=38.0.							
ISCJB		Event type se. Error ellipse: s-maj=13.6km s-min=7.6km az=94.7.							
HRVD		Error ellipse: s-maj=8.9km s-min=5.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s13,c16; Mantle waves: a46,c57; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M=0.96±0.33 M ₀ ±0.12±59; M ₂₂ =1.07±55; M ₃₃ =3.70±20; M ₃₂ =0.63±44; M ₃₁ =1.96±19; Best double couple: NP1: 0.169,0.0000°, 0.83,0.0000°, 1.140,0.0000°; NP2: 0.299,0.0000°; 0.888,0.0000°, 1.888,0.0000°; Principal axes: T 1.0180,Plg47.0000°, Azm207.0000°; N -1.3250,Plg2.0000°, Azm299.0000°; P -3.5360,Plg43.0000°, Azm32.0000°; M=4.20000×10 ¹⁶							
NEIC		Event type se. Error ellipse: s-maj=8.6km s-min=5.3km az=50.0.							
ISC	IV	30 03 51 29.3-2.7	59.70S	26.2W	30	32-19	5.3b,4.8s	82	8-16

Table with columns for station ID, time, coordinates, and magnitude. Includes stations like SZGRF, IDC, ISCJB, BJI, MOS, NEIC, HRVD, and ISC. Describes South Sandwich Islands region events.

SEISMIC REGION 11. New Zealand Region.

Main table of seismic events in the New Zealand region. Columns include station ID, time, coordinates, magnitude, and event type. Includes sub-sections for (159) North Island and (159) South Island.

Table of seismic event details. Columns include event type, error ellipse, magnitude, and station ID. Includes stations like WEL, NEIC, and ISC. Describes various event types and their locations.

ISCJB	III	11 00 23 57.3-35	39.33S-02	176.10E-04	90-3	5.1b	¶10601545	
BJI	III	11 00 23 57.8	39.20S	176.10E	85	5.2b,5.2b		
NEIC	III	11 00 23 58.8	39.21S	176.10E	85	4.0L,5.2b		
WEL	III	11 00 23 59.0-12	39.20S	176.09E	83-1	4.1L,5.2b		
ISC	Event type ke.							
ISCJB	Event type fe. Error ellipse: s-maj=5.2km s-min=3.5km az=62.3.							
NEIC	Event type se. After WEL.							
WEL	Event type ke. Error ellipse: s-maj=0.9km s-min=0.9km az=0.0.							
WEL	III	01 05 55 22.1-39	39.58S	174.26E	220-3	3.7L		
WEL	Event type ke. Error ellipse: s-maj=4.8km s-min=2.3km az=90.0.							
WEL	III	04 10 17 47.4-41	38.51S	175.88E	151-3	3.8L		
NEIC	III	04 10 17 47.4	38.49S	175.85E	151	3.8		
WEL	Event type ke. Error ellipse: s-maj=3.6km s-min=3.4km az=0.0.							
NEIC	Event type se. After WEL.							
WEL	III	05 08 48 52.0-20	38.73S	175.86E	125-2	4.0L		
NEIC	III	05 08 48 51.8	38.73S	175.85E	128	4.0		
WEL	Event type ke. Error ellipse: s-maj=1.4km s-min=1.0km az=90.0.							
NEIC	Event type se. After WEL.							
WEL	III	05 13 40 14.0-58	37.16S	176.82E	199-5	3.6L		
NEIC	III	05 13 40 14.1	37.18S	176.79E	199	3.7		
WEL	Event type ke. Error ellipse: s-maj=8.9km s-min=6.9km az=90.0.							
NEIC	Event type se. After WEL.							
WEL	III	05 19 05 48.3-34	38.55S	175.80E	144-2	3.6L		
WEL	Event type ke. Error ellipse: s-maj=3.3km s-min=3.3km az=0.0.							
WEL	III	08 09 22 39.9-21	40.79S	176.41E	20-1	4.1L		
NEIC	III	08 09 22 40.7	40.74S	176.38E	14	4.1L		
WEL	Event type ke. Error ellipse: s-maj=2.4km s-min=1.3km az=90.0.							
NEIC	Event type se. After WEL.							
ISC	III	25 15 24 21.1-1.1	40.56S-03	176.99E-07	12-6	4.7b	115	1-153
ISCJB	III	25 15 24 20.9-91	40.59S-03	177.06E-07	24-5	4.7b	¶10610443	
NEIC	III	25 15 24 20.9	40.56S	176.97E	6	4.9b,4.5L		
IDC	III	25 15 24 21.4-1.1	40.48S	176.71E	0	4.5b,4.5		
WEL	III	25 15 24 23.0-20	40.50S	176.86E	12	4.7L,4.5		
MOS	III	25 15 24 25.2-2.0	40.18S	176.02E	10	5.1b,4.5		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=9.3km s-min=3.9km az=39.9.							
NEIC	Event type se. After WEL.							
IDC	Error ellipse: s-maj=29.5km s-min=24.0km az=136.0.							
WEL	Event type fe. Error ellipse: s-maj=2.2km s-min=0.9km az=90.0. Felt from Hawke's Bay to Wellington, maximum reported intensity MM 4.							
MOS	Error ellipse: s-maj=20.6km s-min=19.3km az=16.1.							
WEL	III	29 05 02 56.2-39	38.57S	176.22E	172-3	3.5L		
NEIC	III	29 05 02 49.2	38.18S	175.62E	211	3.9	¶10612706	
WEL	Event type ke. Error ellipse: s-maj=6.7km s-min=4.3km az=90.0.							
NEIC	Event type se. After WEL.							
WEL	III	03 18 56 27.1-66	38.22S	175.82E	220-6	3.5L		
WEL	Event type ke. Error ellipse: s-maj=14.3km s-min=8.0km az=90.0.							
WEL	III	11 18 48 14.9-19	39.62S	174.94E	117-1	3.5L		
WEL	Event type ke. Error ellipse: s-maj=1.1km s-min=0.9km az=90.0.							
WEL	III	18 10 50 59.0-38	37.22S	176.57E	305-5	3.8L		
NEIC	III	18 10 50 59.9	37.18S	176.52E	294	3.8	¶10605902	
WEL	Event type ke. Error ellipse: s-maj=9.6km s-min=7.8km az=0.0.							
NEIC	Event type se. After WEL.							
WEL	III	20 11 27 55.0-36	38.32S	176.01E	149-3	3.5L		
WEL	Event type ke. Error ellipse: s-maj=2.9km s-min=2.7km az=0.0.							
WEL	III	23 09 54 42.3-30	39.00S	175.35E	157-2	3.6L		
WEL	Event type ke. Error ellipse: s-maj=2.4km s-min=2.2km az=90.0.							
WEL	III	25 12 16 08.4-29	38.19S	176.43E	145-3	3.5L		
WEL	Event type ke. Error ellipse: s-maj=3.7km s-min=3.2km az=90.0.							
WEL	III	26 10 31 50.1-35	37.43S	176.56E	188-3	3.6L		
WEL	Event type ke. Error ellipse: s-maj=5.1km s-min=4.0km az=90.0.							
WEL	III	28 02 37 33.2-41	40.42S	176.83E	26-2	3.6L		
WEL	Event type ke. Error ellipse: s-maj=5.0km s-min=2.5km az=90.0.							
WEL	VI	19 10 30 32.1-08	40.05S	175.60E	48-1	3.9L		
NEIC	VI	19 10 30 31.5	40.03S	175.62E	54	4.0L	¶18495621	
WEL	Event type fe. Error ellipse: s-maj=1.5km s-min=0.5km az=90.0. Felt from Wanganui to Manawatu, maximum reported intensity MM 4.							
NEIC	Event type se. After WEL.							
WEL	VI	10 07 39 39.8-21	40.39S	176.72E	21-1	3.7L		
WEL	Event type fe. Error ellipse: s-maj=2.5km s-min=1.1km az=90.0. Felt in the Manawatu region, maximum reported intensity MM 3.							
ISC	VI	15 07 54 41.2-32	38.63S-03	175.79E-06	170-3	4.2b	158	0-154
ISCJB	VI	15 07 54 40.2-32	38.63S-03	175.77E-06	176-3	4.2b	¶18855368	
IDC	VI	15 07 54 40.7-36	38.20S	176.21E	178-5	4.4,4.0		
NEIC	VI	15 07 54 41.5	38.15S	175.87E	169	4.8b,4.0		
WEL	VI	15 07 54 41.6-19	38.51S	175.86E	167-1	5.5L,4.0		
MOS	VI	15 07 54 47.0-2.6	38.55S	175.39E	213	4.0b,4.0		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=7.6km s-min=4.1km az=29.1.							
IDC	Error ellipse: s-maj=24.7km s-min=16.5km az=36.0.							
NEIC	Event type se. After WEL.							
WEL	Event type fe. Error ellipse: s-maj=1.1km s-min=0.7km az=90.0. Felt from Gisborne to Wellington, maximum reported intensity MM 4.							
MOS	Error ellipse: s-maj=33.6km s-min=23.6km az=128.5.							
ISC	VI	04 23 48 37.3-51	40.57S-03	176.53E-07	35	4.6b,4.2s	117	0-165
ISCJB	VI	04 23 48 35.4-47	40.62S-03	176.65E-06	33	4.6b,4.2s	¶18463657	
NEIC	VI	04 23 48 38.1	40.50S	176.40E	24	4.8b,4.0E		
WEL	VI	04 23 48 38.2-14	40.50S	176.40E	24-1	4.8L,4.7L		
IDC	VI	04 23 48 50.5-2.2	38.77S	175.74E	94-19	4.6,4.5		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=6.7km s-min=2.5km az=56.2.							
NEIC	Event type se. Felt in Manawatu and northern Wairarapa. After WEL.							
WEL	Event type fe. Error ellipse: s-maj=1.8km s-min=0.9km az=90.0. Felt between Wanganui, Wellington and Hawke's Bay, maximum reported intensity. MM 4.							
IDC	Error ellipse: s-maj=61.9km s-min=22.8km az=3.0.							
ISC	VI	15 15 12 50.3-68	37.13S-05	176.92E-08	294-4	3.5b	152	0-150
IDC	VI	15 15 12 46.5-4.8	36.46S	177.21E	263-60	3.9,3.6	¶19222026	
ISCJB	VI	15 15 12 49.3-69	37.12S-05	176.94E-08	301-4	3.5b,3.6		
WEL	VI	15 15 12 51.6-48	36.93S	176.95E	272-3	4.9L,3.6		
NEIC	VI	15 15 12 51.3	37.02S	176.93E	279	4.9,3.6		
ISC	Event type ke.							
IDC	Error ellipse: s-maj=139.2km s-min=32.7km az=5.0.							
ISCJB	Event type ke. Error ellipse: s-maj=10.3km s-min=8.1km az=179.0.							
WEL	Event type ke. Error ellipse: s-maj=3.9km s-min=3.6km az=90.0.							
NEIC	Event type se. After WEL.							
WEL	III	09 14 49 33.4-25	38.73S	175.25E	212-2	4.3L		
BJI	III	09 14 49 32.3	38.81S	175.23E	215	5.3b,4.8b	¶10600309	
NEIC	III	09 14 49 33.3	38.76S	175.22E	214	4.3,4.8b		
WEL	Event type ke. Error ellipse: s-maj=2.6km s-min=1.9km az=0.0.							
NEIC	Event type se. After WEL.							
WEL	VI	04 15 23 25.4-20	38.18S	177.16E	55-2	3.3L		
NEIC	VI	04 15 23 25.4	38.19S	177.19E	55	3.8L	¶18463656	
WEL	Event type ke. Error ellipse: s-maj=1.6km s-min=1.4km az=90.0.							
NEIC	Event type se. After WEL.							
ISC	III	13 11 02 14.3-48	39.99S-02	176.93E-06	48-5	4.7b,3.9s	135	0-155
ISCJB	III	13 11 02 13.4-48	39.99S-03	176.93E-06	60-4	4.7b,3.9s	¶10602983	
WEL	III	13 11 02 16.1-16	39.90S	176.80E	47-1	4.6L,3.9s		
NEIC	III	13 11 02 16.1	39.90S	176.83E	47	4.7L,4.3b		
IDC	III	13 11 02 16.1-3.1	39.80S	176.66E	40-24	4.4,4.4		
BJI	III	13 11 02 16.1	39.90S	176.80E	47	5.7b,5.2b		
ISC	Event type fe.							

ISCJB	Event type fe. Error ellipse: s-maj=8.0km s-min=3.5km az=38.5.							
WEL	Event type fe. Error ellipse: s-maj=1.6km s-min=0.8km az=90.0. Felt between King Country, Marlborough and Hawke's Bay, maximum reported intensity MM 5.							
NEIC	Event type se. Felt in the Hawke's Bay area. After WEL.							
IDC	Error ellipse: s-maj=31.6km s-min=20.6km az=135.0.							
WEL	VI	06 04 56 09.7-32	37.12S	176.75E	243-3	3.9L		
NEIC	VI	06 04 56 09.9	37.12S	176.73E	244	3.9	¶19221510	
WEL	Event type ke. Error ellipse: s-maj=4.4km s-min=3.8km az=90.0.							
NEIC	Event type se. After WEL.							
WEL	III	15 21 54 03.2-42	39.13S	174.88E	223-3	3.8L		
NEIC	III	15 21 54 01.9	39.09S	174.82E	233	3.8	¶10604470	
WEL	Event type ke. Error ellipse: s-maj=5.2km s-min=2.6km az=90.0.							
NEIC	Event type se. After WEL.							
WEL	VI	06 13 27 35.9-16	38.60S	177.39E	66-1	3.8L		
NEIC	VI	06 13 27 36.2	38.61S	177.38E	62	3.9L	¶19221522	
WEL	Event type ke. Error ellipse: s-maj=1.3km s-min=0.8km az=90.0.							
NEIC	Event type se. After WEL.							
WEL	VI	07 10 50 16.5-22	38.51S	175.99E	156-1	3.9L		
NEIC	VI	07 10 50 16.3	38.50S	175.96E	159	4.0	¶19221573	
WEL	Event type ke. Error ellipse: s-maj=1.7km s-min=1.4km az=0.0.							
NEIC	Event type se. After WEL.							
WEL	VI	08 14 02 57.6-26	39.63S	174.38E	143-2	3.7L		
NEIC	VI	08 14 02 56.0	39.56S	174.32E	158	3.9	¶19221615	
WEL	Event type ke. Error ellipse: s-maj=1.6km s-min=1.0km az=90.0.							
NEIC	Event type se. After WEL.							
WEL	VI	10 10 35 41.0-17	38.14S	176.49E	149-1	4.2L		
NEIC	VI	10 10 35 40.8	38.13S	176.48E	152	4.2	¶19221733	
WEL	Event type ke. Error ellipse: s-maj=0.9km s-min=0.8km az=90.0.							
NEIC	Event type se. After WEL.							
WEL	VI	13 14 20 28.5-28	38.58S	175.79E	147-2	3.8L		
WEL	Event type ke. Error ellipse: s-maj=2.0km s-min=1.9km az=0.0.							
WEL	VI	13 18 07 22.3-24	38.60S	175.91E	152-2	3.7L		
NEIC	VI	13 18 07 21.5	38.59S	175.91E	161	3.9	¶19221923	
WEL	Event type ke. Error ellipse: s-maj=1.8km s-min=1.6km az=0.0.							
NEIC	Event type se. After WEL.							
ISC	VI	18 02 06 03.1-34	38.71S-04	175.82E-05	163-2	3.8b	151	0-154
ISCJB	VI	18 02 06 02.4-34	38.71S-04	175.79E-05	165-2	3.8b	¶18495570	
NEIC	VI	18 02 06 02.8-27	38.71S	175.80E	164-2	4.1b		
IDC	VI	18 02 06 03.2-48	38.22S	176.22E	170-6	3.9,3.6		
BJI	VI	18 02 06 04.5	39.64S	175.69E	181	4.6b,3.6		
WEL	VI	18 02 06 04.3-18	38.56S	175.85E	151-1	4.9L,3.6		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=7.7km s-min=5.0km az=65.4.							
NEIC	Event type se. Error ellipse: s-maj=8.7km s-min=4.4km az=123.0. Felt at Waipawa and Whakatane.							
IDC	Error ellipse: s-maj=30.9km s-min=18.8km az=32.0.							
WEL	Event type fe. Error ellipse: s-maj=1.2km s-min=1.0km az=90.0. Felt from Bay of Plenty to Hawke's Bay, maximum reported intensity MM 3.							
WEL	II	01 20 56 34.6-15	38.30S	177.64E	64-1	3.8L		
WEL	Event type ke. Error ellipse: s-m							

WEL	V	05 15 22 53.4-15	39.94S	174.79E	111-1	4.4L,3.9					
ISC	Event type fe. Error ellipse: s-maj=4.9km s-min=2.8km az=30.8.										
ISCJB	Event type fe. Felt at Marton and Plymouth. After WEL.										
NEIC	Error ellipse: s-maj=24.1km s-min=21.4km az=153.0.										
IDC	Event type fe. Error ellipse: s-maj=0.5km s-min=0.5km az=90.0. Felt from Taranaki to Wellington, maximum reported intensity MM 4.										
WEL	V	09 14 07 54.8-48	37.59S	176.79E	-07	249-3	4.1b	154	0-150		
ISCJB	V	09 14 07 53.8-48	37.58S	176.79E	-07	253-3	4.0b		19131075		
IDC	V	09 14 07 53.9-86	37.77S	176.84E	245-8	4.5,4.0					
NEIC	V	09 14 07 55.1	37.44S	176.84E	243	4.3b,4.0					
WEL	V	09 14 07 55.6-29	37.42S	176.83E	238-2	5.0L,4.0					
ISC	Event type ke.										
ISCJB	Event type ke. Error ellipse: s-maj=9.5km s-min=6.3km az=174.8.										
IDC	Error ellipse: s-maj=33.8km s-min=20.9km az=137.0.										
NEIC	Event type se. After WEL.										
WEL	V	20 03 23 43.8-47	40.04S	176.76E	-06	44-5	4.5s,4.0b	102	0-153		
IDC	V	20 03 23 39.5-1.8	39.94S	176.58E	0	4.5s,4.5			19131774		
ISCJB	V	20 03 23 42.8-50	40.07S	176.78E	-06	53-5	4.5s,4.0b				
NEIC	V	20 03 23 43.0-54	40.09S	176.85E	38-7	4.2b,4.1L					
WEL	V	20 03 23 44.8-17	39.97S	176.70E	31-1	4.2L,4.1L					
ISC	Event type fe.										
IDC	Error ellipse: s-maj=41.8km s-min=21.3km az=126.0.										
ISCJB	Event type fe. Error ellipse: s-maj=7.5km s-min=4.0km az=31.8.										
NEIC	Event type se. Error ellipse: s-maj=8.0km s-min=3.4km az=107.0.										
WEL	V	20 03 23 43.0-54	40.07S	176.85E	38-7	4.2b,4.1L					
NEIC	I	19 02 17 23.9	39.18S	175.25E	11	3.7L				19078856	
NEIC	Event type se. After WEL.										
WEL	I	30 18 08 56.3-26	38.68S	175.38E	246-2	3.7L					
NEIC	I	30 18 08 55.0	38.63S	175.35E	257	3.7				19778273	
WEL	V	29 18 56 03.8-38	38.47S	175.87E	163-3	3.7L					
NEIC	I	29 18 56 03.8-38	38.47S	175.87E	163-3	3.7L				19778243	
WEL	V	29 18 55 20.1-27	38.78S	176.01E	124-2	3.3L					
NEIC	I	29 18 55 19.6	38.76S	176.02E	128	3.7				19778242	
WEL	V	28 19 43 13.7-23	37.75S	176.56E	165-2	3.6L					
NEIC	I	28 19 43 13.7-23	37.75S	176.56E	165-2	3.6L				19778205	
WEL	V	28 00 57 24.6-42	39.18S	174.92E	211-3	3.6L					
NEIC	I	28 00 57 24.6-42	39.18S	174.92E	211-3	3.6L				19778180	
WEL	V	27 10 24 43.6-32	37.89S	176.55E	160-2	3.6L					
NEIC	I	27 10 24 43.6-32	37.89S	176.55E	160-2	3.6L				19778150	
WEL	V	26 16 03 19.3-30	38.33S	176.06E	159-2	3.7L					
NEIC	I	26 16 03 18.1	38.31S	176.04E	170	3.8				19079338	
WEL	V	18 06 14 27.3-71	38.63S	175.85E	141-5	3.5L					
NEIC	I	18 06 14 27.3-71	38.63S	175.85E	141-5	3.5L				19777763	
WEL	V	14 15 58 48.9-15	37.41S	176.29E	276-2	3.7L					
NEIC	I	14 15 58 48.9	37.46S	176.29E	280	4.1				19078643	
WEL	V	13 15 11 55.9-05	41.08S	175.07E	28-0	3.6L					
NEIC	I	13 15 11 55.9-05	41.08S	175.07E	28-0	3.6L				19661118	
WEL	V	12 15 02 18.2-22	38.12S	176.38E	145-2	3.8L					
NEIC	I	12 15 02 18.2-22	38.12S	176.38E	145-2	3.8L				19777537	
WEL	V	12 06 26 15.5-36	38.38S	176.01E	155-3	3.5L					
NEIC	I	12 06 26 15.5-36	38.38S	176.01E	155-3	3.5L				19777525	
WEL	V	10 16 03 59.5-25	38.11S	176.43E	153-2	3.6L					
NEIC	I	10 16 03 59.5-25	38.11S	176.43E	153-2	3.6L				19777449	
WEL	V	09 06 32 12.8-20	38.67S	176.13E	106-1	3.6L					
NEIC	I	09 06 32 11.1	38.74S	176.12E	132	3.7				19035736	
WEL	V	07 21 04 16.2-39	37.90S	176.06E	203-3	3.9L					
NEIC	I	07 21 04 16.2	37.92S	176.01E	203	4.0				19777299	
WEL	V	07 17 12 09.0-26	38.02S	176.01E	186-2	3.5L					
NEIC	I	07 17 12 09.0-26	38.02S	176.01E	186-2	3.5L				19777293	
WEL	V	05 11 56 48.9-56	37.67S	176.22E	276-4	3.7L					
NEIC	I	05 11 56 48.9-56	37.67S	176.22E	276-4	3.7L				19777133	
WEL	V	04 02 14 51.3-42	38.41S	175.95E	152-4	3.5L					
NEIC	I	04 02 14 51.3-42	38.41S	175.95E	152-4	3.5L				19777079	
WEL	V	27 18 31 20.2-09	39.72S	176.33E	35-2	4.2L					
NEIC	I	27 18 31 19.9	39.75S	176.36E	35	4.1L				19079417	
WEL	V	14 09 26 55.7-06	40.13S	175.00E	12	3.6L					
NEIC	I	14 09 26 55.7-06	40.13S	175.00E	12	3.6L				19777629	
WEL	V	07 09 01 26.9-14	39.78S	177.00E	46-2	3.6L					
NEIC	I	07 09 01 26.9-14	39.78S	177.00E	46-2	3.6L				19777288	
WEL	V	07 13 31 12.3-51	38.20S	177.51E	-05	57-5	3.7b	124	0-151		
IDC	V	07 13 30 58.0-2.2	38.22S	178.59E	0	4.1,4.0L				19035694	
ISCJB	V	07 13 31 11.7-55	38.18S	177.50E	-05	62-5	3.7b,4.0L				
WEL	V	07 13 31 12.9-11	38.12S	177.48E	50-1	4.2L,4.0L					
NEIC	I	07 13 31 13.0	38.13S	177.48E	50	4.3L,4.0b					
ISC	Event type fe.										
IDC	Error ellipse: s-maj=66.9km s-min=30.2km az=153.0.										
ISCJB	Event type fe. Error ellipse: s-maj=6.8km s-min=5.5km az=166.9.										
WEL	V	23 09 53 27.5-60	37.30S	176.94E	209-5	4.4L					
NEIC	VI	23 09 53 27.7	37.32S	176.89E	207	4.4				19222488	
WEL	V	23 23 52 59.5-33	38.36S	176.16E	147-2	3.8L					
NEIC	VI	23 23 52 59.5	38.31S	176.14E	144	3.9				19222512	
WEL	V	26 17 18 54.7-62	38.94S	175.22E	195-4	3.7L					
NEIC	VI	26 17 18 54.0	38.96S	175.11E	200	3.8				19222669	
WEL	V	28 05 36 51.7-28	37.81S	176.32E	177-2	3.6L					
NEIC	VI	28 05 36 51.7-28	37.81S	176.32E	177-2	3.6L				110235512	
WEL	V	27 00 03 13.6-33	38.42S	175.95E	171-2	3.6L					
NEIC	VI	27 00 03 13.6-33	38.42S	175.95E	171-2	3.6L				110235467	
WEL	V	25 17 47 12.7-14	37.87S	176.98E	128-1	3.9L					
NEIC	VI	25 17 47 12.3	37.86S	177.02E	130	4.0				19050447	

IDC	I	16 13 33 20.9-55	38.69S	175.98E	200-7	4.2,3.7				19037793	
ISCJB	I	16 13 33 21.6-42	38.51S	175.79E	-07	210-3	3.6b,3.7				
WEL	I	16 13 33 23.7-26	38.40S	175.87E	194-2	4.8L,3.7					
NEIC	I	16 13 33 24.0	38.43S	175.85E	193	4.8,3.7					
ISC	Event type ke.										
IDC	Error ellipse: s-maj=31.0km s-min=14.5km az=134.0.										
ISCJB	Event type ke. Error ellipse: s-maj=9.4km s-min=5.2km az=33.2.										
WEL	V	22 16 52 08.3-55	40.01S	176.60E	-06	32-4	4.6s,4.4b	103	0-100		
NEIC	I	22 16 52 07.3-50	40.03S	176.67E	-06	58-5	4.6s,4.4b			19079073	
WEL	V	22 16 52 08.7-16	39.97S	176.59E	25-1	4.5L,4.4b					
NEIC	I	22 16 52 09.4	39.90S	176.50E	21	5.0s,4.8s					
WEL	V	22 16 52 09.4	39.88S	176.49E	21	4.5b,4.4L					
ISC	Event type fe.										
ISCJB	Event type fe. Error ellipse: s-maj=8.2km s-min=4.0km az=28.3.										
WEL	V	23 20 09 35.8-30	37.68S	176.29E	243-3	3.8L					
NEIC	I	23 20 09 35.7	37.68S	176.27E	243	3.8				19079156	
WEL	V	26 07 06 19.4-63	37.51S	176.86E	-08	263-4	3.9b	117	0-155		
ISCJB	I	26 07 06 18.4-64	37.50S	176.89E	-09	270-4	3.9b			19079317	
IDC	I	26 07 06 19.0-66	37.55S	176.86E	253-5	4.2,3.8					
WEL	V	26 07 06 21.6-33	37.39S	176.80E	241-2	4.6L,3.8					
NEIC	I	26 07 06 22.0	37.40S	176.80E	239	5.1b,4.9b					
WEL	V	26 07 06 22.0	37.40S	176.83E	239	4.6,4.9b					
ISC	Event type ke.										
ISCJB	Event type ke. Error ellipse: s-maj=11.1km s-min=7.5km az=13.5.										
IDC	Error ellipse: s-maj=24.1km s-min=21.5km az=147.0.										
WEL	V	28 06 02 42.1-28	38.70S	175.74E	-05	167-2	4.5b	177	0-154		
NEIC	I	28 06 02 42.1	38.70S	175.80E	168	4.7b				19079462	
WEL	V	28 06 02 42.5-21	38.58S	175.83E	164-1	5.5L					
IDC	I	28 06 02 42.0-51	38.51S	176.23E	177-5	4.7,4.2					
ISC	Event type fe.										
ISCJB	Event type fe. Error ellipse: s-maj=7.3km s-min=4.0km az=36.7.										
NEIC	Event type fe. Felt along the east coast of the North Island. After WEL.										
W											

NEIC WEL	Event type se. After WEL. VI 25 16 33 50.7--31	37.38S	176.55E	281-4	3.5L				
WEL	Event type ke. Error ellipse: s-maj=12.4km s-min=7.3km az=90.0. VI 25 11 06 54.0--20	38.15S	176.65E	95-2	3.6L	¶10235444			
WEL	Event type ke. Error ellipse: s-maj=1.0km s-min=1.0km az=90.0. VI 25 04 06 46.6--31	38.57S	175.92E	159-2	3.5L	¶10235435			
WEL	Event type ke. Error ellipse: s-maj=2.4km s-min=1.7km az=90.0. VI 24 16 46 06.0--42	38.53S	175.37E	252-3	3.9L				
NEIC	VI 24 16 46 06.2	38.59S	175.38E	255	3.8	¶18505363			
WEL	Event type ke. Error ellipse: s-maj=5.0km s-min=3.9km az=0.0. Event type se. After WEL. VI 19 16 21 53.7--30	40.29S	176.74E	23-1	3.6L	¶10235241			
WEL	Event type ke. Error ellipse: s-maj=3.6km s-min=1.8km az=90.0. VI 18 03 43 16.8--11	40.99S	176.17E	33-0	3.5L	¶10235209			
WEL	Event type ke. Error ellipse: s-maj=1.3km s-min=0.8km az=90.0. VI 03 14 15 28.7--25	38.10S	176.55E	119-2	3.5L	¶10234744			
WEL	Event type ke. Error ellipse: s-maj=2.2km s-min=2.0km az=0.0. VI 04 06 44 08.6--10	38.93S	176.33E	62-1	3.9L				
NEIC	VI 04 06 44 08.5	38.93S	176.33E	63	3.7L	¶19221428			
WEL	Event type ke. Error ellipse: s-maj=0.8km s-min=0.6km az=90.0. Event type se. After WEL. VI 06 00 16 28.1--37	38.38S	176.05E	157-3	3.7L				
NEIC	VI 06 00 16 28.0	38.37S	176.05E	158	3.7	¶19221501			
WEL	Event type ke. Error ellipse: s-maj=3.1km s-min=2.6km az=0.0. Event type se. After WEL. VI 15 22 55 30.1--46	39.18S	175.16E	155-3	3.7L				
NEIC	VI 15 22 55 30.0	39.17S	175.15E	156	3.8	¶19222041			
WEL	Event type ke. Error ellipse: s-maj=3.4km s-min=3.0km az=90.0. Event type se. After WEL. VI 14 03 30 44.7--56	37.85S	176.45E	153-5	3.6L				
NEIC	VI 14 03 30 45.1	38.19S	176.19E	191	3.8	¶19221948			
WEL	Event type ke. Error ellipse: s-maj=7.6km s-min=6.2km az=0.0. Event type se. After WEL. VI 12 17 10 08.3--40	37.63S	176.62E	168-3	3.6L	¶10235013			
WEL	Event type ke. Error ellipse: s-maj=4.0km s-min=3.7km az=90.0. VI 12 04 46 59.0--81	37.73S	176.11E	223-6	3.6L	¶10235007			
WEL	Event type ke. Error ellipse: s-maj=9.0km s-min=8.4km az=90.0. VI 11 15 54 56.7--26	38.38S	175.73E	173-2	3.9L				
NEIC	VI 11 15 54 56.5	38.36S	175.73E	174	4.0	¶19221810			
WEL	Event type ke. Error ellipse: s-maj=2.0km s-min=1.7km az=0.0. Event type se. After WEL. VI 10 10 15 04.4--49	37.18S	176.71E	242-4	3.6L	¶10234942			
WEL	Event type ke. Error ellipse: s-maj=7.1km s-min=6.0km az=90.0. VI 10 02 27 59.8--35	39.64S	174.33E	226-3	3.7L				
NEIC	VI 10 02 27 59.1	39.63S	174.30E	232	3.7	¶19221723			
WEL	Event type ke. Error ellipse: s-maj=4.8km s-min=2.4km az=90.0. Event type se. After WEL. VI 08 23 27 46.8--35	38.39S	175.75E	191-3	3.5L	¶10234890			
WEL	Event type ke. Error ellipse: s-maj=4.5km s-min=3.9km az=90.0. VI 08 22 34 41.1--16	37.06S	176.48E	300-2	3.7L	¶10234888			
WEL	Event type ke. Error ellipse: s-maj=3.4km s-min=2.7km az=90.0. VI 06 23 36 04.0--47	38.96S	175.24E	228-3	3.7L				
NEIC	VI 06 23 36 01.7	38.95S	175.12E	247	3.7	¶19221541			
WEL	Event type ke. Error ellipse: s-maj=7.1km s-min=4.5km az=90.0. Event type se. After WEL. VI 28 01 24 36.1--31	38.31S	176.07E	163-2	3.8L				
NEIC	VI 28 01 24 36.0	38.31S	176.06E	164	3.8	¶19222785			
WEL	Event type ke. Error ellipse: s-maj=2.4km s-min=1.9km az=0.0. Event type se. After WEL. III 29 19 48 38.4--60	37.09S	176.69E	294-8	3.6L	¶10613042			
WEL	Event type ke. Error ellipse: s-maj=17.0km s-min=15.2km az=90.0. IV 05 05 00 29.1--33	38.13S	176.18E	179-3	3.7L				
NEIC	IV 05 05 00 28.6	38.21S	176.18E	180	3.8	¶19966824			
WEL	Event type ke. Error ellipse: s-maj=5.2km s-min=4.7km az=90.0. Event type se. After WEL. IV 08 11 03 30.0--46	38.72S	175.29E	220-4	4.2L				
NEIC	IV 08 11 03 30.6	38.71S	175.38E	211	4.3	¶18320186			
WEL	Event type ke. Error ellipse: s-maj=5.7km s-min=5.5km az=0.0. Event type se. After WEL. IV 19 01 14 41.1--22	37.30S	176.31E	316-3	3.9L				
NEIC	IV 19 01 14 40.3	37.31S	176.36E	321	3.9	¶19967746			
WEL	Event type ke. Error ellipse: s-maj=6.0km s-min=5.8km az=90.0. Event type se. After WEL. IV 21 06 08 52.7--31	38.22S	176.23E	186-2	4.0L				
BJI	IV 21 06 08 50.9	38.30S	176.20E	202	4.8b	¶18320930			
NEIC	IV 21 06 08 50.9	38.28S	176.21E	202	4.1				
WEL	Event type ke. Error ellipse: s-maj=2.5km s-min=2.1km az=0.0. Event type se. After WEL. IV 23 04 11 52.9--35	37.00S	176.93E	258-3	3.7L	¶19967928			
WEL	Event type ke. Error ellipse: s-maj=5.6km s-min=5.4km az=90.0. (160) Off east coast of North Island.								
ISC	IV 25 00 03 55.0--1.4	36.98S-06	176.94E-07	8-7	3.9b,3.5S	39	1-149		
NEIC	IV 25 00 03 53.4	36.74S	177.09E	24	4.8b,4.6L	¶18494390			
ISCJB	IV 25 00 03 54.4--1.6	36.90S-08	177.02E-09	15-9	3.9b,3.5S				
WEL	IV 25 00 03 55.9--55	36.90S	176.99E	12	4.5L,3.5S				
IDC	IV 25 00 04 03.4--1.7	37.83S	177.10E	92-26	3.8,3.7				
ISC	Event type ke.								
NEIC	Event type se. After WEL.								
ISCJB	Event type ke. Error ellipse: s-maj=17.2km s-min=5.5km az=84.3.								
WEL	Event type ke. Error ellipse: s-maj=4.4km s-min=4.2km az=90.0.								
IDC	Error ellipse: s-maj=76.2km s-min=42.6km az=162.0.								
WEL	IV 16 02 21 11.7--37	35.44S	178.89E	240-14	3.7L	¶19967646			
WEL	Event type ke. Error ellipse: s-maj=12.4km s-min=7.5km az=0.0. IV 01 23 00 48.2--19	38.02S	179.15E	12	3.6L	¶19966648			
WEL	Event type ke. Error ellipse: s-maj=1.8km s-min=0.7km az=90.0. ISC IV 25 00 23 00.3--56	36.86S-05	177.10E-05	35	4.2b,3.9S	52	1-156		
NEIC	IV 25 00 22 58.5	36.81S	177.05E	56	5.0b,4.6L	¶19597916			
WEL	IV 25 00 22 58.4--29	36.74S	177.09E	12	4.9L,4.6L				
ISCJB	IV 25 00 22 59.5--55	36.89S-04	177.07E-04	33	4.2b,3.9S				
IDC	IV 25 00 23 03.0--6.6	37.03S	177.08E	45-53	4.2,4.1				
ISC	Event type ke.								
NEIC	Event type se. After WEL.								
WEL	Event type ke. Error ellipse: s-maj=2.4km s-min=1.9km az=0.0.								
ISCJB	Event type ke. Error ellipse: s-maj=6.5km s-min=3.5km az=59.8.								
IDC	Error ellipse: s-maj=87.9km s-min=30.6km az=32.0.								
NEIC	IV 09 08 45 08.5	35.06S	178.86E	268	4.1	¶18320216			
NEIC	Event type se. After WEL.								
WEL	IV 09 21 25 18.8--51	35.78S	178.17E	194-7	4.1L	¶19967347			
WEL	Event type ke. Error ellipse: s-maj=11.0km s-min=6.2km az=90.0. ISC VI 04 12 43 06.4--50	37.08S-04	177.41E-07	206-3	4.1b	139	0-156		
IDC	VI 04 12 43 04.1--2.1	36.84S	177.66E	194-14	4.4,4.0b	¶18463654			
ISCJB	VI 04 12 43 05.4--52	37.07S-05	177.41E-08	211-3	4.1b,4.0b				
BJI	VI 04 12 43 05.3	36.80S	177.50E	193	5.2b,4.6b				

NEIC	VI 04 12 43 05.3	36.78S	177.53E	193	4.1b,4.6b				
WEL	VI 04 12 43 06.7--23	36.86S	177.49E	186-2	4.9L,4.6b				
ISC	Event type ke.								
IDC	Error ellipse: s-maj=40.6km s-min=20.2km az=43.0.								
ISCJB	Event type ke. Error ellipse: s-maj=10.0km s-min=7.2km az=158.7.								
NEIC	Event type se. After WEL.								
WEL	Event type ke. Error ellipse: s-maj=2.1km s-min=1.7km az=0.0. III 31 02 01 43.7--40	38.57S	178.70E	33	3.1L				¶10771313
WEL	Event type ke. Error ellipse: s-maj=4.2km s-min=1.9km az=90.0. IV 09 23 04 02.1--13	37.49S	177.42E	118-1	3.5L				¶19967349
WEL	Event type ke. Error ellipse: s-maj=1.4km s-min=1.0km az=90.0. IV 10 08 39 49.4--68	35.32S	179.21E	235-31	3.8L				¶19967366
WEL	Event type ke. Error ellipse: s-maj=27.6km s-min=16.3km az=90.0. IV 09 04 29 17.1--36	37.57S	179.30E	33	3.6L				¶19967325
WEL	Event type ke. Error ellipse: s-maj=3.1km s-min=2.4km az=90.0. IV 07 06 22 42.9--75	36.33S	177.61E	244-8	3.8L				¶19966872
WEL	Event type ke. Error ellipse: s-maj=13.6km s-min=4.4km az=90.0. IV 13 19 31 06.0--72	35.83S	178.97E	192-13	3.6L				¶19967530
WEL	Event type ke. Error ellipse: s-maj=14.4km s-min=11.0km az=90.0. IV 13 22 31 13.6--74	35.75S	178.53E	33	3.6L				¶19967532
WEL	Event type ke. Error ellipse: s-maj=11.3km s-min=6.0km az=90.0. IV 13 23 59 45.5--22	38.10S	178.34E	8-1	3.6L				¶19967533
WEL	Event type ke. Error ellipse: s-maj=1.7km s-min=1.2km az=90.0. IV 14 07 02 17.5--69	37.71S	179.01E	33	3.5L				¶19967568
WEL	Event type ke. Error ellipse: s-maj=6.6km s-min=3.0km az=90.0. IV 16 18 14 39.0--42	35.65S	178.30E	226-6	3.9L				¶19967665
WEL	Event type ke. Error ellipse: s-maj=9.3km s-min=7.2km az=90.0. IV 18 01 42 12.2--21	37.78S	177.57E	52-3	3.6L				¶19967724
WEL	Event type ke. Error ellipse: s-maj=1.5km s-min=1.2km az=0.0. IV 19 04 32 34.4--54	35.29S	178.68E	33	3.7L				¶19967750
WEL	Event type ke. Error ellipse: s-maj=9.1km s-min=4.1km az=90.0. IV 21 01 32 21.8--62	36.80S	177.85E	109-7	3.6L				¶19967846
WEL	Event type ke. Error ellipse: s-maj=8.4km s-min=6.9km az=90.0. IV 22 02 45 35.7--22	36.74S	177.09E	5	4.2L				¶19967885
NEIC	IV 22 02 45 34.5	36.69S	177.10E	5	4.2L				
WEL	Event type ke. Error ellipse: s-maj=2.0km s-min=1.3km az=0.0. Event type se. After WEL. IV 22 22 14 41.6--34	36.73S	177.12E	12	4.2L				¶19967908
NEIC	IV 22 22 14 40.6	36.71S	177.11E	12	4.1L				
WEL	Event type ke. Error ellipse: s-maj=3.3km s-min=2.0km az=0.0. Event type se. After WEL. IV 23 02 47 32.9--21	36.43S	177.49E	241-2	3.7L				¶19967925
WEL	Event type ke. Error ellipse: s-maj=3.4km s-min=3.4km az=0.0. IV 23 03 18 23.8--27	36.70S	177.10E	5	4.2L				¶18321036
NEIC	IV 23 03 18 23.1	36.72S	177.10E	5	4.1L				
WEL	Event type ke. Error ellipse: s-maj=2.6km s-min=1.5km az=0.0. Event type se. After WEL. III 14 11 56 04.9--88	37.32S	177.18E	162-6	3.7L				¶10603574
WEL	Event type ke. Error ellipse: s-maj=7.7km s-min=6.8km az=0.0. III 16 19 27 34.6--13	38.07S	178.35E	53-1	3.6L				¶10604964
WEL	Event type ke. Error ellipse: s-maj=1.6km s-min=0.8km az=90.0. III 17 01 29 36.5--34	37.34S	179.45E	33	3.9L				¶10605096
NEIC	III 17 01 29 36.9	37.45S	179.38E	12	4.1L				

WEL	I	05 00 14 53.8-22	37.21S	177.64E	12	3.4L			
NEIC	I	05 00 14 54.6	37.26S	177.76E	12	4.0L			
WEL		Event type ke. Error ellipse: s-maj=1.9km s-min=1.8km az=0.0.							
NEIC		Event type se. After WEL.							
WEL	I	03 06 03 44.7-22	39.22S	177.70E	33	3.5L			
WEL		Event type ke. Error ellipse: s-maj=2.2km s-min=1.5km az=90.0.							
WEL	I	22 09 11 55.8-14	39.40S	177.66E	33	3.8L			
NEIC	I	22 09 11 55.9	39.37S	177.58E	31	3.7L			
WEL		Event type fe. Error ellipse: s-maj=1.7km s-min=0.9km az=90.0. Felt in the Hawke's Bay region, maximum reported intensity MM 4.							
NEIC		Event type fe. Felt at Wairoa. After WEL.							
WEL	I	03 18 34 21.3-37	37.60S	177.43E	115-2	3.8L			
NEIC	I	03 18 34 21.0	37.62S	177.43E	120	3.9			
WEL		Event type ke. Error ellipse: s-maj=3.5km s-min=3.3km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	I	04 14 42 36.8-95	35.72S	178.70E	237-15	3.7L			
NEIC	I	04 14 42 34.0	35.58S	178.53E	264	3.8			
WEL		Event type ke. Error ellipse: s-maj=22.8km s-min=20.8km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	I	06 03 41 15.8-47	35.43S	178.98E	250-11	4.0L			
NEIC	I	06 03 41 18.7	35.74S	178.81E	263	3.9			
WEL		Event type ke. Error ellipse: s-maj=12.3km s-min=11.3km az=0.0.							
NEIC		Event type se. After WEL.							
ISC	I	21 18 10 11.8-17	35.95-20	179.4E-30	218-14	18	2-42		
ISCJB	I	21 18 10 11.0-1.6	35.95S-20	179.4E-30	228-12				
WEL	I	21 18 10 11.1-72	35.67S	179.31E	197-8	3.7L			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=47.4km s-min=16.6km az=50.3.							
WEL		Event type ke. Error ellipse: s-maj=21.7km s-min=11.9km az=90.0.							
ISC	I	22 02 40 57.9-1.0	37.05-10	177.8E-20	173-10	38	1-41		
ISCJB	I	22 02 40 57.0-1.1	37.05S-10	177.8E-20	177-10				
WEL	I	22 02 40 57.0-27	36.82S	177.57E	161-2	4.2L			
NEIC	I	22 02 40 57.6	36.92S	177.83E	168	4.4			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=24.2km s-min=14.9km az=85.8.							
WEL		Event type ke. Error ellipse: s-maj=3.1km s-min=2.6km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	I	31 18 52 10.8-25	36.88S	176.36E	386-2	4.3L			
NEIC	I	31 18 52 11.5	36.97S	176.42E	385	4.2			
WEL		Event type ke. Error ellipse: s-maj=4.3km s-min=3.8km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	I	01 07 44 53.3-57	36.11S	179.94E	33	3.5L			
WEL		Event type ke. Error ellipse: s-maj=14.8km s-min=10.5km az=90.0.							
WEL	I	05 05 18 41.7-78	35.48S	179.08E	252-14	3.8L			
WEL		Event type ke. Error ellipse: s-maj=18.5km s-min=15.3km az=90.0.							
WEL	I	10 12 17 59.8-97	36.71S	179.19E	33	4.0L			
WEL		Event type ke. Error ellipse: s-maj=9.6km s-min=4.9km az=90.0.							
WEL	I	13 00 37 50.7-1.0	35.24S	177.74E	33	3.6L			
WEL		Event type ke. Error ellipse: s-maj=13.9km s-min=6.8km az=90.0.							
WEL	I	13 09 56 05.5-15	37.09S	177.46E	140-1	3.5L			
WEL		Event type ke. Error ellipse: s-maj=1.1km s-min=1.1km az=0.0.							
WEL	I	24 02 25 14.8-41	35.90S	178.49E	244-9	3.8L			
WEL		Event type ke. Error ellipse: s-maj=9.6km s-min=5.1km az=90.0.							
WEL	I	25 15 53 03.8-87	35.12S	178.20E	33	4.0L			
WEL		Event type ke. Error ellipse: s-maj=29.4km s-min=8.8km az=90.0.							
WEL	I	29 12 49 40.9-34	36.89S	177.57E	189-3	3.5L			
WEL		Event type ke. Error ellipse: s-maj=4.3km s-min=4.1km az=90.0.							
WEL	I	08 05 37 40.7-44	37.28S	177.48E	126-4	4.5L			
BJI	I	08 05 37 38.7	37.74S	176.75E	125	5.3b,5.0b			
NEIC	I	08 05 37 40.1	37.27S	177.49E	130	4.5,5.0b			
WEL		Event type ke. Error ellipse: s-maj=2.3km s-min=2.2km az=0.0.							
NEIC		Event type se. After WEL.							
WEL	I	13 11 27 00.7-22	35.47S	179.16E	12	3.7L			
NEIC	I	13 11 26 57.7	35.15S	178.64E	12	3.9L			
WEL		Event type ke. Error ellipse: s-maj=3.5km s-min=2.0km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	I	22 07 27 22.1-1.1	36.29S	178.51E	33	3.6L			
NEIC	I	22 07 27 22.1	36.27S	178.53E	33	3.8L			
BJI	I	22 07 27 22.1	36.30S	178.50E	33	5.5b,5.3s			
WEL		Event type ke. Error ellipse: s-maj=12.0km s-min=8.9km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	I	23 10 21 43.2-22	38.60S	178.13E	33	3.9L			
NEIC	I	23 10 21 42.9	38.63S	178.19E	34	4.1L			
BJI	I	23 10 21 42.9	38.60S	178.20E	34	4.8b,4.6s			
WEL		Event type fe. Error ellipse: s-maj=2.7km s-min=1.3km az=90.0. Felt in the Gisborne region, maximum reported intensity MM 4.							
NEIC		Event type fe. After WEL.							
ISC	I	01 21 56 38.8-53	37.11S-04	177.70E-06	108-3	4.8b	136	1-163	
BJI	I	01 21 56 36.1	36.63S	178.14E	99	5.5b,5.2b			
ISCJB	I	01 21 56 38.0-53	37.12S-04	177.70E-06	116-3	4.8b,5.2b			
WEL	I	01 21 56 37.4-38	36.94S	177.75E	101-4	5.3L,5.2b			
NEIC	I	01 21 56 37.2-59	36.95S	177.87E	101-4	4.9b,5.2b			
IDC	I	01 21 56 38.7-2.2	37.02S	177.80E	111-17	4.8,4.5			
ISC		Event type fe.							
ISCJB		Event type fe. Error ellipse: s-maj=8.2km s-min=5.9km az=133.4.							
WEL		Event type fe. Error ellipse: s-maj=2.2km s-min=1.8km az=90.0. Felt in the Bay of Plenty region, maximum reported intensity MM 4. Some very clear crustal phases.							
NEIC		Event type se. Error ellipse: s-maj=8.8km s-min=5.4km az=53.0.							
IDC		Error ellipse: s-maj=31.3km s-min=20.5km az=51.0.							
WEL	V	17 06 22 28.8-48	36.71S	177.15E	5	3.8L			
NEIC	V	17 06 22 29.1	36.80S	177.10E	0	3.8L			
WEL		Event type ke. Error ellipse: s-maj=3.9km s-min=3.2km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	VI	21 06 34 30.1-24	36.80S	177.60E	149-3	3.4L			
IDC	VI	21 06 34 44.9-2.8	37.59S	177.69E	0	3.8,3.6b			
WEL		Event type ke. Error ellipse: s-maj=4.0km s-min=2.6km az=90.0.							
IDC		Error ellipse: s-maj=52.5km s-min=22.2km az=101.0.							
WEL	VI	23 09 27 25.7-25	37.74S	177.03E	101-2	3.9L			
NEIC	VI	23 09 27 25.6	37.79S	176.99E	102	3.9L			
WEL		Event type ke. Error ellipse: s-maj=1.8km s-min=1.7km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	VI	28 15 49 56.9-59	35.97S	179.79E	151-12	3.6L			
WEL		Event type ke. Error ellipse: s-maj=7.0km s-min=5.1km az=90.0.							
WEL	VI	27 19 42 01.9-38	36.35S	177.99E	195-4	3.8L			
NEIC	VI	27 19 42 02.4	36.36S	177.93E	191	3.9			
WEL		Event type ke. Error ellipse: s-maj=7.8km s-min=5.1km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	VI	26 20 03 11.5-31	36.72S	177.62E	208-2	3.5L			
WEL		Event type ke. Error ellipse: s-maj=8.5km s-min=4.6km az=90.0.							
WEL	VI	26 07 09 59.6-16	37.33S	177.75E	38-2	3.8L			
NEIC	VI	26 07 09 59.6	37.30S	177.75E	29	3.9L			
WEL		Event type ke. Error ellipse: s-maj=1.4km s-min=1.2km az=0.0.							
NEIC		Event type se. After WEL.							
WEL	VI	24 12 30 47.2-1.0	35.32S	179.08E	161-19	3.8L			
NEIC	VI	24 12 30 48.8	35.37S	179.14E	148	4.0			
WEL		Event type ke. Error ellipse: s-maj=27.2km s-min=14.0km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	VI	23 16 35 49.8-42	36.05S	178.48E	211-9	3.8L			

WEL	VI	17 17 20 18.0-16	37.93S	177.41E	54-2	3.5L			
WEL		Event type ke. Error ellipse: s-maj=1.1km s-min=1.1km az=90.0.							
WEL	VI	16 18 59 24.0-38	36.98S	179.84E	33	3.5L			
WEL		Event type ke. Error ellipse: s-maj=3.9km s-min=3.4km az=90.0.							
WEL	VI	15 00 43 45.7-52	36.41S	178.15E	136-7	3.9L			
NEIC	VI	15 00 43 45.2	36.44S	178.32E	146	3.9			
WEL		Event type ke. Error ellipse: s-maj=8.6km s-min=7.0km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	VI	14 15 47 48.5-39	37.14S	177.48E	150-4	3.8L			
NEIC	VI	14 15 47 47.9	37.21S	177.58E	163	3.9			
WEL		Event type ke. Error ellipse: s-maj=5.1km s-min=4.2km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	VI	14 06 54 04.4-37	37.23S	179.27E	5	3.5L			
WEL		Event type ke. Error ellipse: s-maj=3.2km s-min=3.2km az=90.0.							
WEL	VI	10 23 56 14.8-87	35.63S	179.23E	292-11	3.7L			
NEIC	VI	10 23 56 14.3	35.62S	179.28E	294	3.7			
WEL		Event type ke. Error ellipse: s-maj=36.2km s-min=21.0km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	VI	03 04 24 44.6-52	37.74S	179.42E	33	3.6L			
WEL		Event type ke. Error ellipse: s-maj=4.9km s-min=3.0km az=90.0.							
WEL	VI	18 04 31 55.6-55	35.80S	179.61E	131-9	4.0L			
NEIC	VI	18 04 31 55.2	35.81S	179.97E	121	4.0			
WEL		Event type ke. Error ellipse: s-maj=7.7km s-min=5.1km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	IV	23 08 41 05.5-67	36.76S	177.08E	12	3.5L			
WEL		Event type ke. Error ellipse: s-maj=5.1km s-min=4.5km az=0.0.							
(161) Off west coast of South Island.									
WEL	IV	07 00 11 15.3-99	47.21S	165.25E	12	4.4L			
NEIC	IV	07 00 11 17.4	47.16S	165.35E	101	4.4			
WEL		Event type ke. Error ellipse: s-maj=10.5km s-min=8.0km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	IV	07 11 20 30.3-44	45.06S	166.99E	5	3.6L			
WEL		Event type ke. Error ellipse: s-maj=4.5km s-min=1.7km az=90.0.							
WEL	IV	24 18 29 24.1-84	45.80S	166.60E	5	3.5L			
WEL		Event type ke. Error ellipse: s-maj=7.6km s-min=3.5km az=90.0.							
WEL	III	01 05 56 35.2-1.0	46.87S	165.40E	33	3.8L			
WEL		Event type ke. Error ellipse: s-maj=11.0km s-min=9.3km az=90.0.							
WEL	II	13 09 30 25.9-55	45.60S	166.38E	5	3.5L			
WEL		Event type ke. Error ellipse: s-maj=4.7km s-min=3.2km az=90.0.							
ISC	II	20 10 52 58.6-1.8	47.8S-10	165.7E-30	40-29	3.7b	20	2-145	
IDC	II	20 10 52 55.9-3.6	47.41S	165.52E	0	4.1,4.0			
ISCJB	II	20 10 52 57.8-1.8	47.9S-10	165.8E-20	63-22	3.7b,4.0			
NEIC	II	20 10 52 57.5-66	47.75S	165.59E	12	4.6L,4.0			
ISC		Event type ke.							
IDC		Error ellipse: s-maj=83.8km s-min=25.8km az=163.0.							
ISCJB		Event type ke. Error ellipse: s-maj=27.0km s-min=16.8km az=85.7.							
WEL		Event type ke. Error ellipse: s-maj=8.9km s-min=4.8km az=90.0.							
NEIC	II	20 13 35 34.3	47.84S	165.43E	38	3.9L			
NEIC		Event type se. After WEL.							
WEL	IV	19 06 45 30.8-60	45.39S	166.87E	25-2	4.3L			
NEIC	IV	19 06 45 30.1	45.34S	166.85E	19	4.3L			
WEL		Event type fe. Error ellipse: s-maj=5.9km s-min=3.0km az=90.0. Felt in the Fiordland region, maximum reported intensity MM 4.							
NEIC		Event type se. After WEL.							
WEL	V	03 05 13 33.7-53	47.72S	165.29E	33	3.5L			
WEL		Event type ke. Error ellipse: s-maj=6.3km s-min=4.2km az=90.0.							
WEL	V	05 07 49 08.8-55	47.05S	166.00E	33	3.5L			
WEL		Event type ke. Error ellipse: s-maj=5.5km s-min=3.7km az=90.0.							
WEL	V	18 18 11 25.2-53	45.32S	166.85E	12	3.8L			
NEIC	V	18 18 11 27.4	45.41S	167.05E	21	3.8L			
WEL		Event type ke. Error ellipse: s-maj=5.6km s-min=2.1km az=90.0.							
NEIC		Event type se. After WEL.							
WEL	V	25 23 33 34.1-10	46.13S	166.78E	102-1				

HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s15,c16; Mantle waves: s58,c79;Half duration: 0 Moment tensor: Scale 1016 Nm; M₁:3.07±.41 M₂:2.54±.26 M₃:0.53±.27; M₁-3.07±.27; M₂-0.25±.20; M₃-3.34±.27; Best double couple: NP1:1.98.00000°;δ19.00000°;λ133.00000° NP2:1.233.00000°;δ76.00000°;λ77.00000°; Principal axes: T 5.9830,Plg57.0000°; Azm125.0000°; N -1.6240,Plg13.0000°; Azm236.0000°; P -4.3600,Plg30.0000°; Azm334.0000°; M₅:17100×10¹⁶

NEIC Event type fe. Error ellipse: s-maj=7.8km s-min=5.2km az=194.0. Felt in Southland and on Stewart Island.

MOS Error ellipse: s-maj=17.1km s-min=10.6km az=118.8.

WEL IV 09 03 06 53.2--57 45.64S 166.53E 12 4.3L ¶19967323

WEL Event type ke. Error ellipse: s-maj=4.8km s-min=2.9km az=90.0.

WEL IV 03 12 32 48.0--15 44.27S 168.23E 5 3.5L ¶19966766

WEL Event type ke. Error ellipse: s-maj=1.3km s-min=1.0km az=90.0.

WEL IV 04 06 07 59.0--20 44.25S 168.20E 5 3.6L ¶19966784

WEL Event type ke. Error ellipse: s-maj=1.8km s-min=1.3km az=90.0.

WEL IV 09 22 06 43.1--24 41.27S 172.78E 142-2 3.7L ¶19967348

WEL IV 09 22 06 42.3 41.30S 172.88E 149 3.7

NEIC Event type ke. Error ellipse: s-maj=1.8km s-min=1.7km az=0.0.

WEL IV 10 02 15 11.6--36 41.25S 172.79E 148-3 3.6L ¶19967364

WEL Event type ke. Error ellipse: s-maj=2.1km s-min=2.0km az=90.0.

WEL IV 05 14 46 21.7--33 44.34S 167.87E 12 3.7L ¶19966832

WEL Event type ke. Error ellipse: s-maj=2.5km s-min=1.8km az=90.0.

WEL III 10 05 48 08.3--38 41.23S 172.59E 201-2 3.6L ¶19967859

WEL III 10 05 48 08.1 41.23S 172.63E 203 3.7

NEIC Event type ke. Error ellipse: s-maj=3.0km s-min=2.5km az=90.0.

WEL IV 21 18 28 08.3--54 45.71S 167.02E 5 3.5L ¶19967862

WEL Event type ke. Error ellipse: s-maj=4.2km s-min=1.9km az=90.0.

WEL IV 21 18 56 38.1--38 45.08S 167.55E 124-3 3.4L ¶19967966

WEL IV 21 18 56 36.6 45.03S 167.48E 129 3.7

NEIC Event type ke. Error ellipse: s-maj=3.0km s-min=1.8km az=90.0.

WEL IV 23 23 02 14.4--24 45.13S 167.36E 84-2 4.3L ¶19967966

WEL IV 23 23 02 13.9 45.09S 167.37E 81 4.3L

NEIC Event type ke. Error ellipse: s-maj=2.0km s-min=1.2km az=90.0.

WEL III 20 23 19 35.5--35 41.00S 173.12E 148-2 3.5L ¶19967530

WEL Event type ke. Error ellipse: s-maj=2.2km s-min=2.1km az=0.0.

WEL III 23 12 45 29.9--26 45.11S 167.42E 114-2 3.5L ¶19969076

WEL Event type ke. Error ellipse: s-maj=2.3km s-min=1.4km az=90.0.

WEL III 26 11 19 59.5--23 44.57S 168.14E 82-2 3.6L ¶199610992

WEL III 26 11 19 53.2 44.52S 168.09E 88 3.7L

NEIC Event type ke. Error ellipse: s-maj=2.1km s-min=1.4km az=90.0.

WEL III 18 06 51 14.2--16 42.18S 172.00E 8-1 3.8L ¶199605815

WEL III 18 06 51 14.0 42.16S 172.05E 8 3.8L

WEL Event type fe. Error ellipse: s-maj=1.5km s-min=0.9km az=90.0. Felt in the West Coast region, maximum reported intensity MM 4.

NEIC Event type se. After WEL.

WEL III 10 21 58 16.5--35 45.29S 167.18E 85-2 4.6L ¶19961061471

WEL III 10 21 58 16.5 45.31S 167.17E 86 4.6L

NEIC Event type fe. Error ellipse: s-maj=3.1km s-min=2.0km az=90.0. Felt from West Coast to Southland, maximum reported intensity MM 4.

WEL III 14 10 32 07.3 41.62S 173.60E 51 3.8L ¶199603542

WEL Event type fe. Error ellipse: s-maj=1.2km s-min=1.2km az=0.0. Felt from Marlborough to Wellington, maximum reported intensity MM 4.

NEIC Event type fe. Felt at Blenheim. After WEL.

WEL III 18 10 03 08.2--13 42.17S 172.02E 5 3.6L ¶199605886

WEL Event type fe. Error ellipse: s-maj=1.5km s-min=1.0km az=90.0. Felt in the West Coast region, maximum reported intensity MM 4.

WEL III 24 02 38 56.4--21 41.96S 171.42E 5 3.6L ¶199609405

WEL Event type fe. Error ellipse: s-maj=2.1km s-min=1.0km az=90.0. Felt in the West Coast region, maximum reported intensity MM 4.

WEL IV 30 13 47 06.3--10 44.62S 169.78E 5 3.5L ¶19968175

WEL Event type ke. Error ellipse: s-maj=1.1km s-min=0.9km az=90.0.

ISC III 04 07 26 54.1--61 45.01S--06 167.54E--08 126-5 3.4b 71 0-152 ¶1996059738

WEL III 04 07 26 37.5--1.4 44.92S 168.16E 0 3.7,3.6

ISC/JB III 04 07 26 53.2--61 45.00S--06 167.56E--08 132-5 3.2b,3.6

NEIC III 04 07 26 54.8 45.03S 167.35E 120 4.7,3.6

WEL III 04 07 26 55.8--43 45.03S 167.42E 113-3 4.7L,3.6

ISC Event type ke.

WEL Event type ke. Error ellipse: s-maj=100.4km s-min=40.0km az=31.0.

ISC/JB Event type ke. Error ellipse: s-maj=10.9km s-min=7.7km az=88.0.

NEIC Event type se. After WEL.

WEL III 31 00 44 08.3--13 44.20S 168.67E 5 3.9L ¶199610614027

WEL III 31 00 44 07.9 44.21S 168.73E 5 3.9L

NEIC Event type fe. Error ellipse: s-maj=1.8km s-min=1.0km az=90.0. Felt in the Otago region.

WEL III 04 17 17 13.8--32 45.08S 167.13E 12 3.8L ¶19960597331

WEL III 04 17 17 14.4 45.11S 167.15E 17 3.7L

NEIC Event type ke. Error ellipse: s-maj=3.2km s-min=1.4km az=90.0.

WEL III 05 09 28 15.8--19 44.88S 167.60E 74-2 3.6L ¶19960597776

WEL Event type ke. Error ellipse: s-maj=1.7km s-min=1.1km az=90.0.

WEL VI 18 12 06 27.5--29 44.47S 167.45E 12 4.6L ¶1996495586

WEL VI 18 12 06 27.5 44.47S 167.44E 12 4.7L

NEIC Event type fe. Error ellipse: s-maj=2.6km s-min=1.7km az=90.0. Felt from Otago to Fiordland, maximum reported intensity MM 4.

NEIC Event type fe. Felt at Te Anau. After WEL.

WEL VI 05 20 57 53.2--27 44.61S 168.18E 81-2 4.1L ¶199621477

WEL VI 05 20 57 53.2 44.60S 168.12E 81 4.1L

WEL Event type fe. Error ellipse: s-maj=2.2km s-min=1.7km az=90.0. Felt in the Otago region, maximum reported intensity MM 4.

NEIC Event type se. After WEL.

WEL II 01 15 56 42.6--20 41.06S 173.53E 118-1 3.9L ¶1996079714

WEL II 01 15 56 42.6 41.10S 173.55E 118 3.9

NEIC Event type ke. Error ellipse: s-maj=1.4km s-min=1.2km az=0.0.

WEL II 02 12 44 59.1--37 41.12S 172.96E 156-3 3.5L ¶1996079748

WEL II 02 12 44 58.9 41.14S 172.97E 157 3.7

NEIC Event type ke. Error ellipse: s-maj=2.4km s-min=2.3km az=0.0.

WEL II 05 00 28 51.7--38 45.11S 167.37E 117-3 3.5L ¶19964919

WEL Event type ke. Error ellipse: s-maj=3.3km s-min=2.0km az=90.0.

WEL II 06 10 02 52.9--28 41.28S 172.53E 213-2 3.6L ¶19964945

WEL II 06 10 02 52.7 41.31S 172.58E 215 3.8

WEL Event type ke. Error ellipse: s-maj=2.4km s-min=2.4km az=0.0.

WEL II 06 16 48 49.4--38 45.77S 167.05E 105-2 4.4L ¶1996083679

WEL II 06 16 48 49.8 45.76S 167.08E 103 4.3

WEL Event type ke. Error ellipse: s-maj=5.0km s-min=2.1km az=90.0.

NEIC Event type se. After WEL.

WEL II 14 04 00 22.9--30 45.62S 167.27E 5 3.7L ¶199655225

WEL II 14 04 00 22.8 45.62S 167.20E 11 3.8L

WEL Event type ke. Error ellipse: s-maj=2.9km s-min=2.0km az=90.0.

NEIC Event type se. After WEL.

WEL IV 24 15 20 25.6--31 45.28S 167.19E 110-2 3.9L ¶1996321109

WEL IV 24 15 20 24.4 45.22S 167.18E 113 3.9

NEIC Event type ke. Error ellipse: s-maj=2.9km s-min=1.6km az=90.0.

WEL II 20 13 40 54.5--10 45.11S 167.39E 66-1 4.2L ¶199655415

WEL II 20 13 40 54.5 45.11S 167.40E 66 4.2L

WEL Event type fe. Error ellipse: s-maj=1.0km s-min=0.6km az=90.0. Felt in the Fiordland region, maximum reported intensity MM 4.

NEIC Event type se. After WEL.

WEL II 23 06 49 23.1--08 41.43S 173.97E 43-0 3.7L ¶1996113879

WEL II 23 06 49 22.8 41.47S 173.96E 40 3.7L

WEL Event type fe. Error ellipse: s-maj=1.0km s-min=0.8km az=90.0. Felt in the Marlborough region, maximum reported intensity MM 4.

NEIC Event type fe. Felt at Pictou. After WEL.

WEL II 25 05 12 34.3--65 45.37S 167.24E 104-4 2.6L ¶1996193121

WEL II 25 05 12 34.5 45.36S 167.28E 103 4.2

NEIC Event type ke. Error ellipse: s-maj=5.5km s-min=3.6km az=90.0.

WEL II 25 19 01 46.8--31 45.10S 167.41E 117-2 3.5L ¶1996193138

WEL II 25 19 01 46.1 45.10S 167.39E 123 3.7

NEIC Event type ke. Error ellipse: s-maj=2.9km s-min=1.5km az=90.0.

WEL IV 19 15 00 28.4--09 41.93S 173.80E 39-2 3.5L ¶19967760

WEL Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=90.0. Felt in the Marlborough region, maximum reported intensity MM 4.

WEL IV 27 05 17 53.4--08 43.30S 170.51E 5 4.2L ¶19968069

WEL IV 27 05 17 52.8 43.30S 170.48E 5 4.1L

NEIC Event type fe. Error ellipse: s-maj=0.9km s-min=0.6km az=90.0. Felt in the West Coast region, maximum reported intensity MM 4.

NEIC Event type se. After WEL.

WEL IV 27 13 24 12.3--09 43.30S 170.51E 5 4.1L ¶1996321230

WEL IV 27 13 24 12.0 43.28S 170.48E 10 4.1L

WEL Event type fe. Error ellipse: s-maj=1.0km s-min=0.8km az=90.0. Felt in the West Coast region, maximum reported intensity MM 4.

NEIC Event type se. After WEL.

WEL V 24 15 21 09.7--36 45.07S 167.47E 112-3 3.5L ¶1996169716

WEL Event type ke. Error ellipse: s-maj=2.5km s-min=1.5km az=90.0.

ISC V 25 12 45 26.1--1.3 44.34S--03 167.32E--06 19-8 3.5b 70 1-152 ¶1996440537

WEL V 25 12 45 22.4--1.4 44.46S 167.53E 0 3.7,3.6

NEIC V 25 12 45 24.9 44.29S 167.17E 12 4.4L,3.6

ISC/JB V 25 12 45 26.3--1.1 44.27S--04 167.3E--10 38-15 3.5b,3.6

WEL V 25 12 45 26.1--47 44.36S 167.26E 12 4.4L,3.6

ISC Event type fe.

WEL V 03 06 45 40.2--30 45.11S 167.49E 116-2 3.7L ¶1996130735

WEL V 03 06 45 38.1 45.04S 167.40E 125 4.0

NEIC Event type ke. Error ellipse: s-maj=2.4km s-min=1.4km az=90.0.

WEL V 08 21 23 05.3--35 45.12S 167.40E 126-2 4.3L ¶1996338646

WEL V 08 21 23 04.6 45.07S 167.35E 129 4.4

NEIC Event type ke. Error ellipse: s-maj=2.9km s-min=1.6km az=90.0.

WEL V 13 18 46 16.1--57 44.95S 167.54E 98-4 3.6L ¶1996131365

WEL V 13 18 46 15.1 44.93S 167.47E 107 3.8

NEIC Event type ke. Error ellipse: s-maj=4.4km s-min=2.4km az=90.0.

WEL V 15 20 37 43.1--27 41.31S 172.82E 140-2 3.8L ¶1996131543

WEL V 15 20 37 42.5 41.27S 172.81E 146 3.8

NEIC Event type ke. Error ellipse: s-maj=1.8km s-min=1.7km az=0.0.

WEL V 21 05 32 53.3--22 41.37S 173.12E 95-2 3.7L ¶1996169595

WEL Event type ke. Error ellipse: s-maj=1.4km s-min=1.3km az=0.0.

WEL V 23 20 49 07.7--16 44.08S 168.79E 12 2.8L ¶1996131929

WEL V 23 20 49 06.9 44.08S 168.77E 0 4.0L

NEIC Event type ke. Error ellipse: s-maj=1.8km s-min=1.3km az=90.0.

WEL V 26 12 11 58.5--31 45.06S 167.44E 114-2 3.6L ¶1996169784

WEL Event type ke. Error ellipse: s-maj=2.9km s-min=1.6km az=90.0.

WEL V 27 00 28 51.1--22 45.09S 167.42E 91-1 3.9L ¶1996440609

WEL V 27 00 28 50.7 45.07S 167.38E 93 3.9L

NEIC Event type ke. Error ellipse: s-maj=1.9km s-min=1.0km az=90.0.

WEL V 29 17 35 22.1--20 45.08S 167.46E 84-1 3.9L ¶1996442997

WEL V 29 17 35 22.0 45.07S 167.43E 85 4.0L

NEIC V 29 17 35 23.0 45.10S 167.40E 85 5.4b,5.1b

WEL Event type fe. Error ellipse: s-maj=1.6km s-min=1.0km az=90.0. Felt from Otago to Fiordland, maximum reported intensity MM 4.

NEIC Event type fe. Felt at Te Anau. After WEL.

WEL V 04 15 17 44.1--32 45.16S 167.39E 118-2 3.7L ¶1996130801

WEL V 04 15 17 42.2 45.06S 167.25E 124 3.7

NEIC Event type ke. Error ellipse: s-maj=2.7km s-min=1.7km az=90.0.

WEL I 05 14 41 51.8 45.44S 167.01E 27 4.0L ¶1996029791

NEIC Event type se. After WEL.

WEL I 31 05 04 38.9--24 45.47S 167.05E 68-1 3.5L ¶1996778304

WEL Event type ke. Error ellipse: s-maj=1.9km s-min=1.3km az=90.0.

WEL I 23 23 02 54.6--34 45.11S 167.02E 12 3.5L ¶1996778017

WEL Event type ke. Error ellipse: s-maj=3.5km s-min=1.2km az=90.0.

WEL I 21 02 28 24.1--18 41.05S 173.94E 63-2 3.7L ¶1996078969

WEL I 21 02 28 24.0 41.12S 173.91E 64 3.7L

NEIC Event type ke. Error ellipse: s-maj=1.4km s-min=1.2km az=0.0.

WEL I 28 15 17 26.1--11 42.99S 171.79E 5 3.8L ¶1996079476

WEL I 28 15 17 26.2 43.01S 171.82E 5 3.8L

WEL Event type fe. Error ellipse: s-maj=1.0km s-min=1.0km az=90.0. Felt from West Coast to Canterbury, maximum reported intensity MM 5.

NEIC Event type de. Minor damage at Arthur's Pass. After WEL.

WEL III 09 16 10 41.6--21 44.24S 167.72E 12 3.7L ¶1996060399

WEL III 09 16 10 41.2 44.22S 167.70E 12 3.7L

NEIC Event type ke. Error ellipse: s-maj=1.7km s-min=1.1km az=90.0.

WEL VI 27 12 57 07.4--24 44.34S 168.03E 5 4.0L ¶1996222695

WEL VI 27 12 57 06.8--1.2 44.30S 167.94E 12-6 4.0L

NEIC Event type ke. Error ellipse: s-maj=2.3km s-min=1.6km az=90.0.

WEL VI 24 01 57 10.1--25 41.77S 173.09E 96-2 3.6L ¶199610235388

WEL Event type ke. Error ellipse: s-maj=1.8km s-min=1.6km az=90.0.

WEL VI 16 08 02 50.0--13 44.64S 167.81E 37-1 3.5L ¶199610235134

WEL Event type ke. Error ellipse: s-maj=1.5km s-min=0.9km az=90.0.

WEL VI 28 06 44 51.9--08 43.74S 170.10E 5-0 3.7L ¶1996222790

WEL VI 28 06 44 52.0 43.74S 170.09E 5 3.8L

WEL	Event type fe. Error ellipse: s-maj=0.9km s-min=0.7km az=90.0. Felt from West Coast to Canterbury, maximum reported intensity MM 4.								
NEIC	Event type se. After WEL.								
WEL	VI 01 20 13 09.5-19 44.84S 167.70E 73-2 3.5L								
NEIC	VI 01 20 13 09.5 44.84S 167.70E 72 3.8								¶19221284
WEL	Event type ke. Error ellipse: s-maj=1.6km s-min=1.0km az=90.0.								
NEIC	Event type se. After WEL.								
WEL	IV 07 04 17 13.0-35 41.12S 173.03E 156-2 4.0L								
NEIC	IV 07 04 17 12.0 41.10S 173.12E 160 4.1								¶19966871
WEL	Event type ke. Error ellipse: s-maj=2.2km s-min=2.0km az=0.0.								
NEIC	Event type se. After WEL.								
(163) Cook Strait.									
WEL	IV 21 20 40 00.7-30 40.36S 173.40E 189-2 3.9L								
NEIC	IV 21 20 39 59.6 40.42S 173.44E 198 3.9								¶19967866
WEL	Event type ke. Error ellipse: s-maj=2.2km s-min=1.4km az=90.0.								
NEIC	Event type se. After WEL.								
ISC	IV 02 20 42 14.6-40 41.27S-03 174.78E-04 59-3 3.5b 86 0-118								
IDC	IV 02 20 42 13.0-3.2 41.15S 174.81E 40-31 3.7,3.6L								¶18228693
ISCJB	IV 02 20 42 14.1-45 41.25S-04 174.77E-04 62-3 3.5b,3.6L								
NEIC	IV 02 20 42 15.3 41.27S 174.76E 57 4.5L,3.6L								
WEL	IV 02 20 42 16.0-05 41.21S 174.78E 53-0 4.4L,3.6L								
ISC	Event type fe.								
IDC	Error ellipse: s-maj=56.7km s-min=24.5km az=140.0.								
ISCJB	Event type fe. Error ellipse: s-maj=6.6km s-min=4.3km az=118.3.								
NEIC	Event type fe. Felt at Wellington. After WEL.								
WEL	Event type fe. Error ellipse: s-maj=0.5km s-min=0.5km az=0.0. Felt between Wellington, Marlborough and Wairarapa, maximum reported intensity MM 5.								
ISC	IV 29 19 11 27.0-32 40.01S-02 174.25E-04 112-4 3.6b 137 1-152								
IDC	IV 29 19 11 25.6-1.1 40.16S 174.44E 96-14 3.8,3.6								¶18321334
ISCJB	IV 29 19 11 26.2-32 40.02S-02 174.27E-04 117-4 3.6b,3.6								
WEL	IV 29 19 11 28.3-18 39.99S 174.26E 105-2 4.7L,3.6								
NEIC	IV 29 19 11 28.1 40.01S 174.34E 102 4.7,3.6								
ISC	Event type fe.								
IDC	Error ellipse: s-maj=33.5km s-min=9.0km az=132.0.								
ISCJB	Event type fe. Error ellipse: s-maj=5.9km s-min=3.0km az=50.8.								
WEL	Event type fe. Error ellipse: s-maj=1.2km s-min=0.6km az=90.0. Felt from Taranaki to Marlborough, and from Nelson to Manawatu, maximum reported intensity MM 4.								
NEIC	Event type fe. Felt at Blenheim, Wanganui and Wellington. After WEL.								
ISC	IV 23 14 16 31.9-32 41.05S-03 174.76E-04 43-5 3.1b 74 0-40								¶18321072
IDC	IV 23 14 16 27.1-4.2 40.05S 174.80E 0 3.7L,3.6								
ISCJB	IV 23 14 16 31.4-35 41.04S-03 174.76E-04 47-4 3.1b,3.6								
NEIC	IV 23 14 16 31.1 40.97S 174.76E 39 3.8L,3.6								
WEL	IV 23 14 16 32.0-08 40.99S 174.76E 36-0 3.8L,3.6								
ISC	Event type fe.								
IDC	Error ellipse: s-maj=92.0km s-min=31.6km az=63.0.								
ISCJB	Event type fe. Error ellipse: s-maj=5.5km s-min=3.9km az=108.2.								
NEIC	Event type fe. Felt in the Wellington area. After WEL.								
WEL	Event type fe. Error ellipse: s-maj=0.8km s-min=0.7km az=90.0. Felt in the Wellington region, maximum reported intensity MM 4.								
ISC	IV 20 14 52 46.9-07 41.67S 174.28E 16-1 4.0L								¶19967821
WEL	Event type fe. Error ellipse: s-maj=0.7km s-min=0.7km az=90.0. Felt from Wellington to Marlborough, maximum reported intensity MM 4.								
ISC	III 10 19 10 23.7-26 40.13S-02 174.95E-04 15 3.1b 70 0-152								
IDC	III 10 19 10 23.9-1.4 40.10S 174.82E 0 4.0L,3.6								¶10601375
ISCJB	III 10 19 10 27.4-27 40.12S-02 174.95E-04 15 3.1b,3.6								
WEL	III 10 19 10 27.9-14 40.12S 174.96E 15-3 4.2L,3.6								
NEIC	III 10 19 10 27.6 40.13S 174.89E 30 4.2L,3.6								
ISC	Event type fe.								
IDC	Error ellipse: s-maj=42.5km s-min=24.7km az=154.0.								
ISCJB	Event type fe. Error ellipse: s-maj=4.4km s-min=2.4km az=29.3.								
WEL	Event type fe. Error ellipse: s-maj=1.6km s-min=0.7km az=90.0. Felt from Wanganui to Wellington, maximum reported intensity MM 5.								
NEIC	Event type fe. Felt at Foxton, Levin, Marton and Wanganui. After WEL.								
WEL	III 13 00 31 21.4-17 40.68S 174.47E 79-2 3.5L								¶10602734
WEL	Event type ke. Error ellipse: s-maj=1.2km s-min=1.0km az=90.0.								
WEL	IV 19 16 29 34.7-12 40.43S 174.23E 79-2 3.9L								
NEIC	IV 19 16 29 34.3 40.44S 174.29E 77 3.8L								¶19967762
WEL	Event type ke. Error ellipse: s-maj=0.9km s-min=0.5km az=90.0.								
NEIC	Event type se. After WEL.								
WEL	IV 23 18 07 48.8-11 40.92S 174.46E 68-1 3.5L								¶19967963
WEL	Event type ke. Error ellipse: s-maj=0.9km s-min=0.9km az=90.0.								
WEL	III 10 12 04 45.8-31 40.13S 174.97E 12-2 4.3L								
NEIC	III 10 12 04 45.4 40.13S 174.89E 28 4.3L								¶10601108
WEL	Event type fe. Error ellipse: s-maj=1.3km s-min=0.6km az=90.0. Felt from Taranaki to Manawatu, maximum reported intensity MM 4.								
NEIC	Event type fe. Felt at Wanganui. After WEL.								
WEL	III 10 16 27 28.2-09 40.13S 174.98E 12 3.8L								
NEIC	III 10 16 27 27.8 40.12S 174.88E 31 3.8L								¶10601278
WEL	Event type fe. Error ellipse: s-maj=1.5km s-min=0.7km az=90.0. Felt from Wanganui to Manawatu, maximum reported intensity MM 4.								
NEIC	Event type fe. Felt at Marton and Wanganui. After WEL.								
WEL	III 02 23 12 15.0-09 41.72S 174.65E 28-0 3.9L								
NEIC	III 02 23 12 14.5 41.74S 174.63E 24 3.9L								¶10596132
WEL	Event type fe. Error ellipse: s-maj=0.7km s-min=0.7km az=0.0. Felt in the Wellington region, maximum reported intensity MM 4.								
NEIC	Event type fe. Felt at Wellington. After WEL.								
WEL	III 30 14 52 34.2-09 41.39S 174.65E 54-1 3.7L								
NEIC	III 30 14 52 33.1 41.40S 174.66E 58 3.8L								¶10613664
WEL	Event type fe. Error ellipse: s-maj=0.9km s-min=0.8km az=0.0. Felt from Wellington to Marlborough, maximum reported intensity MM 4.								
NEIC	Event type fe. Felt at Wellington. After WEL.								
ISC	III 10 14 17 51.3-63 40.13S-02 174.96E-04 16-5 3.4b 76 0-152								
IDC	III 10 14 17 47.6-1.3 40.61S 175.70E 0 3.9,3.7L								¶10601203
ISCJB	III 10 14 17 51.5-39 40.12S-02 174.96E-04 21-5 3.4b,3.7L								
WEL	III 10 14 17 51.9-12 40.12S 174.97E 19-2 4.5L,3.7L								
NEIC	III 10 14 17 51.4 40.13S 174.89E 28 4.5L,3.7L								
ISC	Event type fe.								
IDC	Error ellipse: s-maj=45.7km s-min=23.7km az=122.0.								
ISCJB	Event type fe. Error ellipse: s-maj=4.9km s-min=3.1km az=33.2.								
WEL	Event type fe. Error ellipse: s-maj=1.6km s-min=0.7km az=90.0. Felt from Taranaki to Wellington, maximum reported intensity MM 5.								
NEIC	Event type fe. Felt at Marton and Wanganui. After WEL.								
ISC	III 12 13 06 26.4-60 40.12S-03 174.97E-07 26-5 34 0-97								
ISCJB	III 12 13 06 26.2-57 40.12S-03 174.96E-07 29-5								¶10602481
WEL	III 12 13 06 26.6-12 40.12S 174.99E 25-1 4.2L								
NEIC	III 12 13 06 26.0 40.13S 174.90E 29 4.2L								
BJI	III 12 13 06 26.0 40.10S 174.90E 29 5.3b,5.2b								
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=9.5km s-min=4.1km az=15.1.								
WEL	Event type fe. Error ellipse: s-maj=2.0km s-min=0.8km az=90.0. Felt between Taranaki, Canterbury and Hawke's Bay, maximum reported intensity MM 5.								
NEIC	Event type fe. Felt at Wanganui. After WEL.								
ISC	III 23 14 37 52.7-33 41.02S-03 174.50E-05 64-5 3.3b 94 0-152								
ISCJB	III 23 14 37 51.7-34 41.03S-03 174.48E-05 71-4 3.4b								¶10609139
IDC	III 23 14 37 51.5-2.2 40.93S 174.53E 46-24 3.4,3.4								
WEL	III 23 14 37 54.0-08 40.90S 174.47E 48-1 4.1L,3.4								
NEIC	III 23 14 37 53.5 40.99S 174.51E 61 4.1L,3.4								
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=7.6km s-min=3.9km az=61.1.								
IDC	Error ellipse: s-maj=35.0km s-min=17.5km az=136.0.								
WEL	Event type fe. Error ellipse: s-maj=0.9km s-min=0.7km az=0.0. Felt from Wellington to Marlborough, maximum reported intensity MM 5.								
NEIC	Event type fe. Felt in the Wellington area. After WEL.								
WEL	III 29 03 01 11.9-15 40.55S 174.33E 53-3 3.5L								¶10612658
WEL	Event type ke. Error ellipse: s-maj=1.3km s-min=0.9km az=90.0.								
ISC	VI 10 16 00 59.4-33 40.88S-03 174.60E-04 53-4 4.2b,3.5s 77 0-157								

ISCJB	VI 10 16 00 58.7-34 40.88S-03 174.60E-04 58-4 4.2b,3.5s								¶19221737
IDC	VI 10 16 00 58.8-2.6 40.66S 174.56E 52-22 4.2,4.1								
WEL	VI 10 16 01 00.2-05 40.89S 174.60E 46-1 4.7L,4.1								
NEIC	VI 10 16 01 00.3 40.89S 174.60E 45 4.7L,4.5b								
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=6.4km s-min=4.5km az=104.3.								
IDC	Error ellipse: s-maj=28.6km s-min=24.0km az=133.0.								
WEL	Event type fe. Error ellipse: s-maj=0.6km s-min=0.5km az=90.0. Felt from Wanganui to Marlborough, and from Nelson to Wairarapa, maximum reported intensity MM 5.								
NEIC	Event type fe. Felt widely in the Wellington area. After WEL.								
WEL	III 10 11 55 12.9-33 40.12S 174.95E 12-3 4.1L								
NEIC	III 10 11 55 12.5 40.13S 174.89E 29 4.1L								¶10601096
WEL	Event type fe. Error ellipse: s-maj=1.5km s-min=0.7km az=90.0. Felt from Wanganui to Manawatu, maximum reported intensity MM 4.								
NEIC	Event type fe. Felt at Marton and Wanganui. After WEL.		</						

NEIC	Event type fe. Error ellipse: s-maj=5.5km s-min=3.0km az=129.0. Felt in the Marlborough Sounds area.								
ISC	I 15 18 01 23.5-2.6	40.2S-20	174.0E-20	150		9	1-157		
IDC	I 15 18 01 18.8-1.5	30.36S	178.57W	0	3.8,3.6			¶9481790	
WEL	I 15 18 01 22.1-7.8	39.52S	173.91E	33	2.9L,3.6				
ISCJB	I 15 18 01 23.3-2.5	40.2S-20	174.0E-20	150	2.9L,3.6				
ISC	Event type ke.								
WEL	Event type ke.								
ISCJB	Event type ke.								
ISC	I 16 08 20 19.7-32	40.51S-03	173.39E-06	159-4	5.3b	123	0-114		
ISCJB	I 16 08 20 19.0-32	40.52S-03	173.38E-06	161-4	5.3b			¶8037789	
BJI	I 16 08 20 20.2	40.61S	174.08E	177	5.4b,4.5b				
NEIC	I 16 08 20 20.3	40.48S	173.40E	163	4.6,4.5b				
WEL	I 16 08 20 21.1-23	40.48S	173.43E	155-2	4.6L,4.5b				
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=8.1km s-min=3.8km az=69.7.								
NEIC	Event type fe. Felt in the Mahau Sound area. After WEL.								
WEL	Event type fe. Error ellipse: s-maj=1.4km s-min=0.7km az=90.0. Felt from Nelson to Wellington, maximum reported intensity MM 4.								
WEL	VI 17 11 14 46.2-09	41.58S	174.35E	15-1	3.7L			¶10235164	
WEL	Event type ke. Error ellipse: s-maj=0.7km s-min=0.6km az=0.0.								
WEL	VI 17 07 38 06.7-08	41.59S	174.35E	12	3.7L			¶10235160	
WEL	Event type ke. Error ellipse: s-maj=0.8km s-min=0.7km az=0.0.								
WEL	VI 17 07 19 50.7-08	41.59S	174.35E	12	3.8L			¶10235158	
WEL	Event type ke. Error ellipse: s-maj=0.8km s-min=0.7km az=0.0.								
WEL	VI 16 11 43 44.6-08	41.60S	174.34E	12	3.6L			¶10235136	
WEL	Event type ke. Error ellipse: s-maj=0.8km s-min=0.7km az=0.0.								
WEL	VI 15 23 25 57.4-08	41.61S	174.35E	11-1	3.7L			¶10235108	
WEL	Event type ke. Error ellipse: s-maj=0.9km s-min=0.8km az=90.0.								
WEL	IV 05 12 30 55.1-48	42.31S	177.43E	33	3.8L			¶19966830	
WEL	Event type ke. Error ellipse: s-maj=4.0km s-min=3.5km az=90.0.								
(165) North of Macquarie Island.									
ISC	VI 21 19 17 33.3-1.7	49.7S-20	161.5E-10	10	4.1b	21	5-37		
ISCJB	VI 21 19 17 31.7-1.7	49.7S-20	161.8E-10	10	4.1b			¶19600275	
IDC	VI 21 19 17 31.5-1.5	49.7S	161.12E	0	4.4,4.3				
ISCJB	Error ellipse: s-maj=33.8km s-min=8.3km az=146.7.								
IDC	Error ellipse: s-maj=320.0km s-min=48.8km az=174.0.								
ISC	II 25 09 32 01.3-1.7	49.3S-20	161.2E-10	35	3.7b	22	6-152		
IDC	II 25 09 31 49.0-3.0	50.14S	161.49E	0	3.9,3.9			¶19579756	
ISCJB	II 25 09 31 58.9-1.7	49.3S-20	161.3E-10	33	3.7b,3.9				
ISC	I 31 18 29 01.2-1.1	50.0S-10	161.2E-10	10	4.4b,3.2s	18	6-153		
ISCJB	I 31 18 28 59.2-1.1	50.0S-20	161.3E-10	10	4.4b,3.2s			¶19488432	
NEIC	I 31 18 29 01.4-1.0	50.02S	161.24E	10	4.9b,3.2s				
IDC	I 31 18 29 06.1-2.6	49.05S	161.35E	0	4.4,4.4L				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=23.3km s-min=9.0km az=136.8.								
NEIC	Event type se. Error ellipse: s-maj=21.2km s-min=8.3km az=162.0.								
IDC	Error ellipse: s-maj=79.4km s-min=33.5km az=166.0.								
ISC	IV 09 17 06 29.6-1.7	48.8S-30	161.3E-10	10	3.8b,3.7s	20	5-152		
IDC	IV 09 17 06 24.5-2.6	49.17S	161.41E	0	4.2L,4.1			¶19594541	
ISCJB	IV 09 17 06 27.9-1.7	48.7S-30	161.3E-10	10	3.8b,3.7s				
(166) Auckland Islands region.									
ISC	V 22 21 34 56.3-3.8	50.62S-05	162.53E-08	10	4.5b,4.5s	59	4-161		
ISCJB	V 22 21 34 54.6-3.9	50.58S-05	162.59E-08	10	4.5b,4.5s			¶18854796	
IDC	V 22 21 34 54.9-5.5	50.63S	162.46E	0	4.6,4.6				
NEIC	V 22 21 34 56.5-3.0	50.59S	162.48E	10	4.6b,4.6				
MOS	V 22 21 34 59.8-1.8	50.89S	161.88E	44	4.8b,4.6				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=8.6km s-min=5.5km az=96.1.								
IDC	Error ellipse: s-maj=22.2km s-min=14.4km az=64.0.								
NEIC	Event type se. Error ellipse: s-maj=7.5km s-min=4.8km az=140.0.								
MOS	Error ellipse: s-maj=29.8km s-min=13.2km az=100.2.								
ISC	IV 02 11 20 0.7-1.1	51.2S-10	162.4E-10	35	4.7b,4.1s	51	7-154		
IDC	IV 02 11 20 16.9-1.0	50.96S	162.24E	0	4.8,4.8b			¶18493932	
ISCJB	IV 02 11 20 18.9-9.9	51.1S-10	162.45E-10	33	4.7b,4.1s				
NEIC	IV 02 11 20 20.9-6.0	50.94S	162.20E	24-37	4.7b,4.1s				
MOS	IV 02 11 20 25.9-3.0	50.35S	162.15E	33	5.0b,4.1s				
ISC	Event type se.								
IDC	Error ellipse: s-maj=31.5km s-min=27.2km az=38.0.								
ISCJB	Event type se. Error ellipse: s-maj=16.9km s-min=5.2km az=125.9.								
NEIC	Event type se. Error ellipse: s-maj=32.5km s-min=9.7km az=186.0.								
MOS	Error ellipse: s-maj=33.0km s-min=13.6km az=107.1.								
ISC	IV 03 19 23 04.5-7.3	51.35S-08	162.5E-10	10	4.3b	18	4-151		
ISCJB	IV 03 19 23 03.6-9.5	51.2S-10	162.5E-10	10	4.3b			¶19594198	
IDC	IV 03 19 23 05.0-2.6	50.52S	163.07E	0	4.5,4.3b				
NEIC	IV 03 19 23 07.6-2.0	51.28S	161.83E	10	4.4b,4.3b				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=6.0km az=104.0.								
IDC	Error ellipse: s-maj=290.2km s-min=42.4km az=48.0.								
NEIC	Event type se. Error ellipse: s-maj=52.9km s-min=14.0km az=85.0.								
(167) Macquarie Island region.									
ISC	IV 30 04 37 58.6-9.1	57.0S-10	158.7E-20	10	4.4b	15	2-150		
ISCJB	IV 30 04 37 56.6-9.2	57.0S-10	158.8E-20	10	4.4b			¶19598243	
IDC	IV 30 04 37 57.2-1.4	57.02S	158.56E	0	4.5L,4.3				
NEIC	IV 30 04 37 58.6-8.1	56.93S	158.71E	10	4.4b,4.3				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=17.7km s-min=12.0km az=80.8.								
IDC	Error ellipse: s-maj=56.3km s-min=27.1km az=73.0.								
NEIC	Event type se. Error ellipse: s-maj=22.0km s-min=14.5km az=93.0.								
ISC	IV 30 04 55 59.3-3.6	56.99S-05	158.9E-10	10	4.7b,4.3s	56	2-163		
ISCJB	IV 30 04 55 57.3-6.7	56.96S-05	159.0E-10	10	4.7b,4.3s			¶10698187	
IDC	IV 30 04 55 57.3-6.4	56.99S	158.9E	0	4.7L,4.7				
NEIC	IV 30 04 55 59.1-2.1	56.97S	158.90E	10	5.0b,4.7				
HRVD	IV 30 04 55 59.2-4.0	56.98S	158.88E	21-1	5.0W,4.7				
MOS	IV 30 04 56 02.1-1.8	56.98S	158.71E	33	5.0b,4.7				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=10.6km s-min=5.9km az=37.5.								
IDC	Error ellipse: s-maj=29.6km s-min=17.2km az=81.0.								
NEIC	Event type se. Error ellipse: s-maj=8.4km s-min=5.1km az=103.0.								
HRVD	Error ellipse: s-maj=6.7km s-min=3.3km az=1-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s26,c33; Mantle waves: s47,c59; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₀ :3.35±2.4 M ₀ -1.93±1.8; M ₀ -1.41±1.6; M ₀ -0.96±2.8; M ₀ -1.72±1.0; M ₀ -0.52±3.0; Best double couple: NP1:φ:326.0000°; δ44.0000°; λ:113.0000°; NP2:φ:115.0000°; δ50.0000°; λ:69.0000°; Principal axes: T 3.6610,Plg74.0000°,AzM322.0000°; N -0.2180,Plg16.0000°,AzM129.0000°; P -3.4330,Plg3.0000°,AzM220.0000°; M ₀ :3.54700×10 ¹⁶								
MOS	Error ellipse: s-maj=45.0km s-min=11.3km az=93.4.								
ISC	V 04 02 08 53.6-1.2	58.29S-03	157.88E-07	4-7	5.4b,5.2s	170	4-164		
CRAAG	V 04 02 08 51.3	58.14S	158.00E	0	5.5b,5.2s			¶10698265	
SZGRF	V 04 02 08 51.8	57.97S	160.29E	33	5.5b,5.2s				
BJI	V 04 02 08 51.6	58.49S	157.52E	7	5.9b,5.8b				
ISCJB	V 04 02 08 52.1-1.1	58.25S-03	157.88E-07	2-7	5.4b,5.2s				
IDC	V 04 02 08 52.5-3.8	58.34S	157.84E	0	5.2,5.2b				
HRVD	V 04 02 08 54.5-4.0	58.09S	157.80E	32-1	5.9W,5.2b				
NEIC	V 04 02 08 54.5-1.4	58.26S	157.93E	10	5.5b,5.3s				
MOS	V 04 02 08 58.5-1.9	58.09S	158.02E	40	5.6b,5.3s				
ISC	Event type se.								
SZGRF	Macquarie Island, Australia, region.								
ISCJB	Event type se. Error ellipse: s-maj=6.7km s-min=5.2km az=39.5.								

IDC	Error ellipse: s-maj=15.5km s-min=12.7km az=80.0.								
HRVD	Error ellipse: s-maj=6.7km s-min=3.3km az=1-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s30,c36; Mantle waves: s54,c69; Half duration: 2s1 Moment tensor: Scale 10 ¹⁸ Nm; M ₀ :7.9±0.6 M ₀ -0.24±0.4; M ₀ -0.54±0.4; M ₀ -0.00±0.6; M ₀ -0.38±0.2; M ₀ -0.13±0.6; Best double couple: NP1:φ:141.0000°; δ41.0000°; λ:82.0000°; NP2:φ:331.0000°; δ49.0000°; λ:97.0000°; Principal axes: T 0.8020,Plg84.0000°,AzM290.0000°; N 0.0070,Plg5.0000°,AzM147.0000°; P -0.8090,Plg4.0000°,AzM56.0000°; M ₀ :0.80600×10 ¹⁸								
NEIC	Event type se. Error ellipse: s-maj=6.2km s-min=3.9km az=119.0.								
MOS	Error ellipse: s-maj=19.6km s-min=6.9km az=93.3.								
ISC	VI 01 16 15 30.7-29	52.22S-04	158.54E-05	10	5.1b,4.6s	134	8-158		
ISCJB	VI 01 16 15 29.0-29	52.18S-04	158.64E-05	10	5.1b,4.6s			¶18649949	
MOS	VI 01 16 15 30.9-1.7	52.15S	158.22E	10	5.3b,4.				

<p>DC Error ellipse: s-maj=320.6km s-min=24.6km az=136.0. VI 30 18 16 21.3-6.1 13.94S 175.60W 187-75 4.2,4.0</p> <p>DC Error ellipse: s-maj=187.8km s-min=17.9km az=156.0. VI 15 22 38 29.3-7.4 14.8S-20 174.39W-10 35 3.9b 10 3-64</p> <p>DC VI 15 22 38 25.2-1.7 14.86S 174.57W 0 4.0,3.9b ISCJB VI 15 22 38 26.7-7.9 14.7S-20 174.42W-10 33 3.9b,3.9b NEIC VI 15 22 38 29.7-6.3 14.78S 174.53W 35 3.9b,3.9b</p> <p>ISC Event type se. DC Error ellipse: s-maj=196.2km s-min=29.6km az=161.0. ISCJB Event type se. Error ellipse: s-maj=34.9km s-min=9.5km az=145.7. NEIC Event type se. Error ellipse: s-maj=25.1km s-min=10.9km az=166.0. ISC VI 09 16 10 40.7-4.1 15.3S-10 172.90W 35 4.5b,3.9s 41 2-147 DC VI 09 16 01 35.1-7.3 15.24S 173.04W 0 4.4,4.2 BJI VI 09 16 01 36.7- 15.20S 173.10W 0 5.2b,4.9b NEIC VI 09 16 01 36.8-35 15.17S 173.07W 10 4.7b,4.9b ISCJB VI 09 16 01 38.7-40 15.32S-10 173.0W-10 33 4.5b,3.9s SZGRF VI 09 16 01 40.1 15.86S 172.96W 45 4.5b,3.9s</p> <p>ISC Event type se. DC Error ellipse: s-maj=38.3km s-min=16.7km az=130.0. NEIC Event type se. Error ellipse: s-maj=20.0km s-min=8.0km az=133.0. ISCJB Event type se. Error ellipse: s-maj=18.2km s-min=9.0km az=89.5. SZGRF Samoa Islands region ISC II 03 12 02 50.5-69 15.8S-10 172.9W-20 35 4.1b,4.0s 19 2-174 DC II 03 12 02 45.4-7.4 15.89S 172.91W 0 4.5,4.3 NEIC II 03 12 02 46.6-68 15.80S 172.87W 10 4.5b,4.3 ISCJB II 03 12 02 48.5-68 15.8S-10 173.0W-20 33 4.1b,4.0s</p> <p>ISC Event type se. NEIC Event type se. ISCJB Event type se. NEIC II 03 23 15 48.7-4.0 15.57S 172.78W 35 DC II 03 23 15 43.7-4.9 15.64S 172.79W 0 4.0,3.8b NEIC Event type se. Error ellipse: s-maj=186.0km s-min=14.4km az=134.0. DC Error ellipse: s-maj=217.2km s-min=22.5km az=135.0. DC II 05 22 41 24.9-52 16.35S 171.53W 0 4.7,4.5b</p> <p>DC Error ellipse: s-maj=1012.0km s-min=170.8km az=80.0. DC II 07 08 43 59.8-56 16.54S 172.06W 0 4.6,4.4b</p> <p>DC Error ellipse: s-maj=1085.0km s-min=172.8km az=80.0. DC II 12 02 19 16.1-6.7 15.13S 172.88W 0 3.7,3.5b</p> <p>DC Error ellipse: s-maj=343.4km s-min=23.8km az=143.0. ISC II 16 11 09 30.0-24 16.08S-06 172.86W-06 26 4.8b,4.6s 140 2-174 DC II 16 11 09 25.5-62 16.03S 172.91W 0 4.7,4.4 ISCJB II 16 11 09 27.9-23 16.11S-06 172.89W-06 24 4.8b,4.6s BJI II 16 11 09 29.5 16.00S 172.90W 24 5.3b,5.2s NEIC II 16 11 09 29.5-20 16.05S 172.89W 24 4.8b,5.2s MOS II 16 11 09 30.5-1.4 15.88S 172.99W 33 5.0b,5.2s SZGRF II 16 11 09 30.4 16.44S 171.84W 33 5.0b,5.2s</p> <p>ISC Event type se. DC Error ellipse: s-maj=25.0km s-min=17.0km az=128.0. ISCJB Event type se. Error ellipse: s-maj=10.8km s-min=5.4km az=97.3. NEIC Event type se. Error ellipse: s-maj=10.8km s-min=4.8km az=143.0. MOS Error ellipse: s-maj=13.8km s-min=9.6km az=59.6. SZGRF Samoa Islands region ISC II 16 14 54 40.3-3.0 16.09S-05 173.00W-05 17-18 5.4s,5.2b 218 2-174 DC II 16 14 54 36.7-4.5 16.08S 173.05W 0 5.4s,5.4 SZGRF II 16 14 54 38.9 17.15S 171.26W 33 5.6b,5.4 BJI II 16 14 54 38.9 16.00S 173.00W 10 6.0b,5.7s ISCJB II 16 14 54 38.9-20 16.09S-05 173.03W-05 20 5.4s,5.2b NEIC II 16 14 54 39.0-21 15.98S 173.02W 10 5.8W,5.8s HRVD II 16 14 54 39.0-10 16.00S 172.46W 15 5.8W,5.8s MOS II 16 14 54 41.5-1.1 15.98S 173.08W 33 5.5b,5.4s</p> <p>ISC Event type se. DC Error ellipse: s-maj=19.6km s-min=11.8km az=127.0. SZGRF Tonga Islands region ISCJB Event type se. Error ellipse: s-maj=8.7km s-min=4.7km az=104.4. NEIC Event type se. Error ellipse: s-maj=11.0km s-min=5.1km az=150.0. Moment Tensor Solution. $M_{11} 4.0000 \times 10^{18}$ Moment Tensor Solution. $s14$ Moment tensor: Scale 10¹⁷Nm; $M_{rr} 6.11$ $M_{\theta\theta} -5.14$ $M_{\phi\phi} 0.91$ $M_{r\theta} 0.16$ $M_{r\phi} 2.22$ $M_{\theta\phi} 0.02$ Best double couple: $NP1: \phi=247.00000^\circ$ $\lambda=86.00000^\circ$ $\lambda=91.00000^\circ$; $NP2: \phi=66.00000^\circ$ $\lambda=44.00000^\circ$ $\lambda=89.00000^\circ$. Principal axes: $T 6.1100$, $Plg89.0000^\circ$, $Azm185.0000^\circ$; $N -0.0100$, $Plg0.0000^\circ$, $Azm67.0000^\circ$; $P -6.1100$, $Plg1.0000^\circ$, $Azm337.0000^\circ$; $M6.10000 \times 10^{17}$</p> <p>HRVD Error ellipse: s-maj=0.0km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: $s96,c190$; Mantle waves: $s98,c286$; Half duration: $2\theta 0$ Moment tensor: Scale 10¹⁷Nm; $M_{rr} 4.67 \times 10^4$ $M_{\theta\theta} 0.13$; $M_{\phi\phi} -4.80$; $M_{r1} 4.2$; $M_{r2} 14$; $M_{\theta\theta} 0.83$; $M_{\phi\phi} 4.61$; $M_{r1} 13$; Best double couple: $NP1: \phi=183.00000^\circ$ $\lambda=23.00000^\circ$ $\lambda=79.00000^\circ$; $NP2: \phi=15.00000^\circ$ $\lambda=868.00000^\circ$ $\lambda=95.00000^\circ$. Principal axes: $T 6.7000$, $Plg67.0000^\circ$, $Azm293.0000^\circ$; $N 0.2200$, $Plg4.0000^\circ$, $Azm193.0000^\circ$; $P -6.9160$, $Plg23.0000^\circ$, $Azm101.0000^\circ$; $M6.80800 \times 10^{17}$</p> <p>MOS Error ellipse: s-maj=12.3km s-min=8.5km az=58.6. ISC II 17 05 21 50.0-2.4 15.0S-70 173.5W-60 35 4.2b,3.5s 12 2-146 DC II 17 05 21 42.7-2.5 15.85S 173.10W 0 4.3,4.1b NEIC II 17 05 21 44.1-2.1 15.79S 173.08W 10 4.4b,4.1b ISCJB II 17 05 21 46.2-2.2 15.6S-70 173.2W-50 33 4.2b,3.5s</p> <p>ISC Event type se. NEIC Event type se. ISCJB Event type se. ISC II 18 09 27 19.4-63 15.3S-20 172.8W-20 35 4.1b,3.6s 16 2-146 DC II 18 09 27 14.0-7.6 15.39S 172.91W 0 4.3,4.2 NEIC II 18 09 27 15.7-50 15.37S 172.83W 10 4.3,4.2 ISCJB II 18 09 27 17.6-62 15.4S-20 172.9W-20 33 4.0b,3.6s</p> <p>ISC Event type se. NEIC Event type se. ISCJB Event type se. DC II 24 14 40 23.6-56 15.88S 171.55W 0 4.6,4.4b</p> <p>DC Error ellipse: s-maj=1090.0km s-min=174.6km az=80.0. ISC II 25 09 07 05.6-2.3 14.9S-80 175.7W-50 296-43 3.4b 8 4-144 ISCJB II 25 09 07 04.8-2.0 15.0S-80 175.7W-50 308-39 3.5b DC II 25 09 07 05.5-1.8 15.02S 175.61W 301-30 3.9,3.5</p> <p>ISCJB Error ellipse: s-maj=148.9km s-min=21.9km az=112.5. DC Error ellipse: s-maj=95.4km s-min=14.6km az=146.0. DC IV 06 05 23 10.2-61 16.22S 172.64W 0 4.2s,4.2</p> <p>DC Error ellipse: s-maj=1182.0km s-min=194.4km az=80.0. DC IV 08 06 46 33.4-58 15.89S 170.95W 0 4.5,4.3b</p> <p>DC Error ellipse: s-maj=1138.0km s-min=180.8km az=80.0. DC IV 24 08 24 59.0-54 16.49S 172.89W 0 4.4,4.3b</p> <p>DC Error ellipse: s-maj=1044.0km s-min=178.8km az=80.0. DC IV 24 19 27 46.5-62 15.84S 171.16W 0 4.3,4.1b</p> <p>DC Error ellipse: s-maj=1208.0km s-min=195.8km az=80.0. DC IV 30 08 26 26.1-9.1 15.97S 171.23W 0 4.3,4.1b</p> <p>DC Error ellipse: s-maj=399.3km s-min=34.1km az=139.0. DC V 21 19 33 32.7-4.5 15.53S 172.91W 0 4.1,4.0b</p> <p>DC Error ellipse: s-maj=207.4km s-min=24.6km az=137.0. ISC V 21 20 31 08.8-4.9 15.4S-30 172.8W-20 45-60 3.9b 11 2-147 DC V 21 20 31 04.0-4.7 15.49S 172.94W 0 3.9,3.7b ISCJB V 21 20 31 08.3-4.6 15.3S-30 172.8W-20 61-58 3.9b,3.7b NEIC V 21 20 31 08.2-7.3 15.37S 172.89W 35 4.1b,3.7b</p> <p>ISC Event type se. DC Error ellipse: s-maj=217.6km s-min=24.9km az=138.0. ISCJB Event type se. Error ellipse: s-maj=52.1km s-min=36.0km az=45.6.</p>	<p>NEIC Event type se. Error ellipse: s-maj=25.6km s-min=12.7km az=137.0. ISC V 28 15 03 08.4-33 15.37S-07 169.31W-07 34 4.6b,4.3s 80 3-171 DC V 28 15 03 02.6-5.4 15.39S 169.18W 0 4.7,4.6 ISCJB V 28 15 03 06.4-32 15.38S-07 169.31W-07 32 4.6b,4.3s SZGRF V 28 15 03 07.6 15.70S 169.42W 24 4.6b,4.3s HRVD V 28 15 03 08.7-50 15.59S 168.97W 39-1 4.9W,4.3s BJI V 28 15 03 08.7 15.30S 169.30W 37 5.4b,5.0s NEIC V 28 15 03 08.7-1.4 15.32S 169.32W 38-11 4.8b,4.7s MOS V 28 15 03 09.5-1.8 14.77S 169.41W 33 4.9b,4.7s</p> <p>ISC Event type se. DC Error ellipse: s-maj=22.4km s-min=16.3km az=150.0. ISCJB Event type se. Error ellipse: s-maj=10.5km s-min=9.1km az=153.9. SZGRF Samoa Islands region HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: $s15,c17$; Mantle waves: $s37,c41$; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; $M_{rr} -2.50 \times 10^4$ $M_{\theta\theta} 0.00$; $M_{\phi\phi} 2.21$; $M_{r\theta} 2.50$; $M_{r\phi} 0.69$; $M_{\theta\phi} 1.39$; $M_{r1} 2.0$; $M_{r2} 1.8$; Best double couple: $NP1: \phi=172.00000^\circ$ $\lambda=67.00000^\circ$ $\lambda=67.00000^\circ$; $NP2: \phi=321.00000^\circ$ $\lambda=51.00000^\circ$ $\lambda=110.00000^\circ$. Principal axes: $T 3.1470$, $Plg4.0000^\circ$, $Azm65.0000^\circ$; $N -0.4540$, $Plg16.0000^\circ$, $Azm334.0000^\circ$; $P -2.6920$, $Plg74.0000^\circ$, $Azm169.0000^\circ$; $M2.92000 \times 10^{16}$</p> <p>NEIC Event type se. Error ellipse: s-maj=9.8km s-min=6.5km az=134.0. Felt at Apia. MOS Error ellipse: s-maj=13.7km s-min=12.5km az=74.4. DC V 15 03 02 02.7-62 15.68S 171.03W 0 4.2,4.1b</p> <p>DC Error ellipse: s-maj=1214.0km s-min=210.5km az=80.0. DC V 27 17 04 59.6-4.8 15.70S 172.72W 0 3.9,3.8</p> <p>DC Error ellipse: s-maj=208.6km s-min=22.6km az=134.0. DC V 30 08 46 10.7-2.2 16.57S 172.86W 0 4.2,4.0</p> <p>DC Error ellipse: s-maj=127.6km s-min=21.6km az=145.0. DC V 01 07 49 47.5-4.6 15.40S 171.71W 103-50 4.0,3.7</p> <p>DC Error ellipse: s-maj=66.7km s-min=55.0km az=124.0. ISC V 03 13 08 54.6-3.7 15.6S-60 172.6W-80 35 3.9b,3.3s 6 2-147 DC V 03 13 08 51.8-8.5 15.52S 172.95W 0 4.1,3.8b ISC Error ellipse: s-maj=385.2km s-min=23.6km az=139.0. DC V 12 03 34 25.8-5.4 15.81S-08 172.93W-10 7-33 4.2b,3.8s 35 2-174 DC V 12 03 34 24.2-6.4 15.83S 172.94W 0 4.3,4.2 ISCJB V 12 03 34 26.9-4.3 15.71S-09 173.1W-10 25-30 4.2b,3.8s NEIC V 12 03 34 26.5-4.2 15.77S 173.03W 12-25 4.4b,3.8s</p> <p>ISC Event type se. DC Error ellipse: s-maj=28.5km s-min=15.8km az=131.0. ISCJB Event type se. Error ellipse: s-maj=23.2km s-min=8.9km az=74.5. NEIC Event type se. Error ellipse: s-maj=12.7km s-min=6.1km az=128.0. ISC V 16 23 09 53.6-33 15.71S-08 172.91W-08 35 4.6b,4.4s 50 2-174 DC V 16 23 09 48.2-62 15.71S 172.81W 0 4.6,4.5 NEIC V 16 23 09 50.1-28 15.67S 172.99W 10 4.8b,4.7s BJI V 16 23 09 50.1 15.70S 173.00W 10 5.3b,5.0s ISCJB V 16 23 09 51.6-33 15.72S-08 172.8W-08 33 4.6b,4.4s MOS V 16 23 09 53.9-1.6 15.77S 173.28W 33 5.0b,4.4s SZGRF V 16 23 09 57.3 15.79S 171.97W 50 5.0b,4.4s</p> <p>ISC Event type se. DC Error ellipse: s-maj=27.3km s-min=16.7km az=127.0. NEIC Event type se. Error ellipse: s-maj=16.1km s-min=7.5km az=133.0. ISCJB Event type se. Error ellipse: s-maj=14.1km s-min=7.9km az=94.5. MOS Error ellipse: s-maj=21.7km s-min=13.9km az=136.4. SZGRF Samoa Islands region ISC I 27 10 32 27.3-2.4 15S-1.0 175.2W-70 243-50 3.4b 7 3-83 ISCJB I 27 10 32 26.2-1.8 15S-1.0 175.0W-70 254-42 3.4b DC I 27 10 32 27.7-2.2 15.71S 174.42W 277-19 3.9,3.6</p> <p>ISCJB Error ellipse: s-maj=202.0km s-min=24.8km az=118.8. DC Error ellipse: s-maj=137.4km s-min=21.5km az=147.0. DC I 09 03 31 47.4-4.0 13.95S 173.31W 0 4.1,3.8</p> <p>DC Error ellipse: s-maj=130.8km s-min=26.3km az=11.0. DC I 09 20 50 31.7-95 15.63S 172.45W 0 4.2,4.0</p> <p>DC Error ellipse: s-maj=50.1km s-min=20.3km az=126.0. DC I 10 07 31 58.5-9.4 15.56S 172.86W 0 4.2,4.1</p> <p>DC Error ellipse: s-maj=54.0km s-min=20.8km az=137.0. DC I 25 23 45 33.1-68 16.5S-10 172.6W-10 35 4.2b,3.5s 19 3-83 DC I 25 23 45 27.4-1.1 16.46S 172.71W 0 4.1,3.9 ISCJB I 25 23 45 31.1-68 16.5S-10 172.7W-10 33 4.2b,3.5s NEIC I 25 23 45 33.0-7.9 16.50S 172.68W 35 4.6b,3.5s</p> <p>ISC Event type se. DC Error ellipse: s-maj=56.3km s-min=22.2km az=132.0. ISCJB Event type se. Error ellipse: s-maj=23.5km s-min=15.4km az=82.3. NEIC Event type se. Error ellipse: s-maj=25.2km s-min=18.1km az=142.0. ISC I 30 04 24 06.0-9.1 15.8S-10 172.8W-10 35 4.0b,3.3s 11 2-147 DC I 30 04 24 01.2-1.2 15.93S 172.77W 0 4.1,3.9 ISCJB I 30 04 24 04.2-8.6 15.7S-10 173.0W-10 33 4.0b,3.3s NEIC I 30 04 24 05.8-1.0 15.79S 172.85W 35 4.6b,3.3s</p> <p>ISC Event type se. DC Error ellipse: s-maj=57.1km s-min=22.0km az=127.0. ISCJB Event type se. Error ellipse: s-maj=21.8km s-min=9.1km az=80.2. NEIC Event type se. Error ellipse: s-maj=25.2km s-min=16.6km az=127.0. ISC I 13 12 46 13.4-16 16.63S-04 172.74W-05 47 5.1b,4.8s 218 3-174 DC I 13 12 46 06.9-4.2 16.60S 172.91W 0 5.0,5.0 MOS I 13 12 46 10.8-1.7 16.56S 172.98W 33 5.5b,4.7s ISCJB I 13 12 46 11.6-1.6 16.60S-04 172.70W-05 45 5.1b,4.8s BJI I 13 12 46 12.7 16.60S 172.80W 43 5.5b,5.2s NEIC I 13 12 46 12.7-1.6 16.57S 172.82W 44 5.1b,5.1s HRVD I 13 12 46 12.7-2.0 16.65S 172.33W 26-0 5.4W,5.1s SZGRF I 13 12 46 14.3 19.01S 175.88E 33 5.4W,5.1s</p> <p>ISC Event type se. DC Error ellipse: s-maj=16.6km s-min=12.6km az=131.0. MOS Error ellipse: s-maj=11.7km s-min=10.3km az=101.6. ISCJB Event type se. Error ellipse: s-maj=7.4km s-min=4.1km az=65.5. NEIC Event type se. Error ellipse: s-maj=8.3km s-min=4.1km az=124.0. HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: $s60,c106$; Mantle waves: $s84,c167$; Half duration: $1\theta 2$ Moment tensor: Scale 10¹⁷Nm; $M_{rr} 0.35 \times 10^3$ $M_{\theta\theta} -1.47$; $M_{\phi\phi} 1.12$; $M_{r\theta} 0.29$; $M_{r\phi} 0.06$; $M_{\theta\phi} 0.81$; $M_{r1} 0.34$; $M_{r2} 0.06$; Best double couple: $NP1: \phi=61.00000^\circ$ $\lambda=673.00000^\circ$ $\lambda=3.00000^\circ$; $NP2: \phi=330.00000^\circ$ $\lambda=888.00000^\circ$ $\lambda=163.00000^\circ$. Principal axes: $T 1.4100$, $Plg14.0000^\circ$, $Azm284.0000^\circ$; $N 0.3540$, $Plg73.0000^\circ$ $\lambda=142.0000^\circ$; $P -1.7680$, $Plg10.0000^\circ$, $Azm17.0000^\circ$; $M1.58900 \times 10^{17}$</p> <p>SZGRF South of Fiji Islands DC I 21 17 06 51.0-46 14.9S-10 173.6W-10 35 4.1b,3.9s 25 2-146 DC I 21 17 06 45.3-80 15.08S 173.46W 0 4.3,4.1 ISCJB I 21 17 06 48.9-45 15.0S-10 173.6W-10 33 4.1b,3.9s NEIC I 21 17 06 51.0-52 14.95S 173.56W 35 4.4b,3.9s BJI I 21 17 06 51.9 15.16S 173.86W 35 5.0b,4.8s</p> <p>ISC Event type se. DC Error ellipse: s-maj=42.1km s-min=21.8km az=121.0. ISCJB Event type se. Error ellipse: s-maj=22.4km s-min=11.7km az=68.5. NEIC Event type se. Error ellipse: s-maj=27.4km s-min=14.0km az=116.0. DC V 19 12 19 54.1-56 16.07S 170.12W 0 4.7,4.5b</p> <p>DC Error ellipse: s-maj=1115.0km s-min=181.5km az=81.0. DC III 08 16 33 07.7-58 16.58S 169.35W 0 4.0,3.8b</p> <p>DC Error ellipse: s-maj=1155.0km s-min=202.9km az=82.0. DC VI 01 09 17 35.1-76 15.9S-10 172.6W-20 35 4.0b,3.0s 13 2-147 DC VI 01 09 17 28.4-1.1 16.42S 172.21W 0 4.5L,4.1 ISCJB VI 01 09 17 33.4-74 15.9S-10 172.7W-20 33 4.0b,3.0s NEIC VI 01 09 17 36.4-6.4 16.03S 172.61W 45 4.3b,3.0s</p> <p>ISC Event type se. DC Error ellipse: s-maj=41.3km s-min=19.4km az=143.0.</p>
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ISCBJ Event type se. Error ellipse: s-maj=29.4km s-min=8.2km az=64.5.
 NEIC Event type se. Error ellipse: s-maj=27.0km s-min=13.7km az=132.0.
ISC VI 01 15 27 49.7-63 15.91S-08 172.8W-10 10 3.7b 14 2-147
 ISC VI 01 15 27 48.1-65 15.91S-09 172.9W-10 10 3.7b
 NEIC VI 01 15 27 49.8-71 15.85S 173.04W 10 4.1b
 ISC VI 01 15 27 50.0-93 15.99S 173.18W 0 4.0,3.9
 ISC Event type se.
 ISCBJ Event type se. Error ellipse: s-maj=21.2km s-min=8.6km az=61.5.
 NEIC Event type se. Error ellipse: s-maj=31.8km s-min=12.7km az=129.0.
 IDC Error ellipse: s-maj=38.6km s-min=21.4km az=131.0.
ISC IV 22 06 23 41.3-5.9 16.84S-07 171.23W-10 25-40 4.7b,4.0s 40 3-172
 IDC IV 22 06 23 36.8-62 17.01S 171.07W 0 4.6,4.5
 ISCBJ IV 22 06 23 37.8-5.7 16.93S-09 171.3W-10 15-38 4.7b,4.0s
 BJI IV 22 06 23 38.8 16.90S 171.30W 10 5.4b,5.1b
 SZGRF IV 22 06 23 41.6 17.27S 172.41W 28 5.5b,5.1b
 NEIC IV 22 06 23 42.9-31 16.90S 171.28W 35 4.9b,5.1b
 MOS IV 22 06 23 47.8-1.5 15.05S 172.71W 33 4.9b,5.1b
 ISC Event type se.
 IDC Error ellipse: s-maj=27.1km s-min=17.1km az=132.0.
 ISCBJ Event type se. Error ellipse: s-maj=20.1km s-min=10.6km az=76.9.
 SZGRF Tonga Islands region.
 NEIC Event type se. Error ellipse: s-maj=15.3km s-min=9.3km az=135.0.
 MOS Error ellipse: s-maj=22.4km s-min=17.3km az=49.3.

(170) Samoa Islands.
IDC VI 11 14 24 44.9-3.7 14.91S 172.89W 0 4.1,3.9
 IDC Error ellipse: s-maj=241.9km s-min=17.5km az=146.0.
IDC II 06 09 20 32.9-1.2 14.00S 171.62W 0 4.1,3.9s
 IDC Error ellipse: s-maj=28.2km s-min=11.7km az=32.0.
IDC V 21 19 23 46.6-3.1 14.94S 171.97W 147-22 4.0,3.9s
 IDC Error ellipse: s-maj=88.8km s-min=36.0km az=143.0.
IDC I 30 09 14 58.6-2.4 14.69S 172.68W 0 4.0,3.7
 IDC Error ellipse: s-maj=153.7km s-min=20.0km az=147.0.

(171) South of Fiji Islands.
ISC IV 08 08 04 05.8-79 23.34S-05 179.15E-05 570-10 4.6b 162 6-170
 SZGRF IV 08 08 04 00.3 23.30S 179.05E 33 4.6b
 MOS IV 08 08 04 03.3-1.2 23.07S 179.12E 544 4.7b
 ISCBJ IV 08 08 04 05.0-81 23.32S-05 179.09E-05 572-10 4.6b
 BJI IV 08 08 04 06.4 23.20S 179.10E 575 5.0b,4.7b
 IDC IV 08 08 04 06.4-1.1 23.24S 179.12E 576-11 4.7,3.9b
 NEIC IV 08 08 04 06.4-22 23.16S 179.11E 575 4.7b,3.9b
 BGS IV 08 08 04 08.5-3.0 23.07S 179.13E 542-0 4.7b,3.9b
 ISC Event type se.
 SZGRF South of Fiji Islands.
 MOS Error ellipse: s-maj=11.9km s-min=9.6km az=81.3.
 ISCBJ Event type se. Error ellipse: s-maj=7.8km s-min=6.4km az=118.5.
 IDC Error ellipse: s-maj=13.2km s-min=10.1km az=170.0.
 NEIC Event type se. Error ellipse: s-maj=9.1km s-min=5.9km az=143.0.
 BGS Error ellipse: s-maj=999.9km s-min=999.9km az=1.0.
ISC IV 09 12 54 36.9-74 26.77S-05 178.71W-10 367-7 4.0b 51 3-148
 IDC IV 09 12 54 34.3-1.2 26.23S 178.74W 335-11 4.5,3.9
 NEIC IV 09 12 54 34.9-1.0 26.19S 178.68W 344-11 4.1b,3.9
 ISCBJ IV 09 12 54 35.1-85 26.52S-07 178.87W-09 355-8 4.0b,3.9
 ISC Event type se.
 NEIC Event type se.
 ISCBJ Event type se.

ISC IV 10 20 26 07.7-1.3 25.13S-09 179.5W-20 504-26 4.3b 15 13-149
 IDC IV 10 20 26 05.8-2.2 25.05S 179.83W 450-20 4.7,3.8
 ISCBJ IV 10 20 26 07.6-1.7 25.02S-09 179.6W-20 521-34 4.4b,3.8
 NEIC IV 10 20 26 07.3-1.2 25.06S 179.71W 478-15 4.5b,3.8
 ISC Event type se.
 IDC Error ellipse: s-maj=33.4km s-min=22.4km az=138.0.
 ISCBJ Event type se. Error ellipse: s-maj=26.8km s-min=14.0km az=10.4.
 NEIC Event type se. Error ellipse: s-maj=20.8km s-min=14.2km az=142.0.
ISC IV 27 14 26 36.1-1.2 26.04S-06 176.7W-10 49-11 4.3b 31 3-151
 MOS IV 27 14 26 33.9-1.1 25.91S 176.82W 33 4.7b
 IDC IV 27 14 26 33.2-97 25.92S 177.18W 0 4.3,4.2
 ISCBJ IV 27 14 26 34.6-1.6 26.03S-07 176.7W-10 50-14 4.3b,4.2
 NEIC IV 27 14 26 36.0-1.1 25.96S 176.78W 39-11 4.5b,4.2
 ISC Event type se.
 MOS Error ellipse: s-maj=22.6km s-min=15.5km az=67.9.
 IDC Error ellipse: s-maj=28.1km s-min=22.0km az=122.0.
 ISCBJ Event type se. Error ellipse: s-maj=18.1km s-min=11.1km az=179.4.
 NEIC Event type se. Error ellipse: s-maj=14.7km s-min=10.3km az=91.0.
ISC IV 11 07 08 59.8-18 22.18S-05 179.55W-04 604 4.7b 168 11-171
 MOS IV 11 07 08 57.9-3.5 21.71S 179.66W 552 4.6b
 IDC IV 11 07 08 57.7-89 21.99S 179.59W 577-9 5.1,4.3
 ISCBJ IV 11 07 08 58.4-17 22.19S-04 179.58W-04 603 4.7b,4.3
 BJI IV 11 07 08 59.5 21.81S 179.08W 622 4.8b,4.8b
 NEIC IV 11 07 09 00.3-15 21.98S 179.68W 607 4.7b,4.7b
 SZGRF IV 11 07 09 01.9 21.71S 179.76W 610 4.7b,4.8b
 ISC Event type se.
 MOS Error ellipse: s-maj=12.2km s-min=9.6km az=46.5.
 IDC Error ellipse: s-maj=11.0km s-min=8.2km az=165.0.
 ISCBJ Event type se. Error ellipse: s-maj=6.3km s-min=4.0km az=118.8.
 NEIC Event type se. Error ellipse: s-maj=7.6km s-min=3.8km az=150.0.
 SZGRF Fiji Islands region.

ISC IV 13 09 19 52.1-4.0 22.15S-20 176.8W-50 300 3.5b 8 17-145
 ISCBJ IV 13 09 19 46.4-4.1 21.9S-20 176.4W-60 300 3.6b
 IDC IV 13 09 19 49.9-8.5 22.03S 176.68W 289-79 4.0,3.5
 NEIC IV 13 09 19 50.0-1.9 21.99S 176.63W 300 3.7b,3.5
 ISC Event type se.
 ISCBJ Event type se. Error ellipse: s-maj=74.0km s-min=16.8km az=155.5.
 IDC Error ellipse: s-maj=53.8km s-min=31.1km az=62.0.
 NEIC Event type se. Error ellipse: s-maj=39.8km s-min=22.8km az=75.0.
ISC IV 14 10 50 38.5-1.9 25.2S-20 179.7W-30 500 4.0b 16 32-152
 ISCBJ IV 14 10 50 37.1-1.9 25.2S-20 179.7W-30 500 4.0b
 IDC IV 14 10 50 38.0-3.5 25.23S 179.83W 478-34 4.5,3.8
 NEIC IV 14 10 50 40.3-66 25.25S 179.97E 500 4.3b,3.8
 ISC Event type se.
 ISCBJ Event type se. Error ellipse: s-maj=36.8km s-min=26.6km az=111.2.
 IDC Error ellipse: s-maj=27.8km s-min=20.1km az=53.0.
 NEIC Event type se. Error ellipse: s-maj=21.8km s-min=14.8km az=161.0.
ISC IV 16 01 15 22.4-6.2 23.6S-40 180.0E-50 532-47 4.0b 17 15-85
 NEIC IV 16 01 15 18.9-2.1 23.40S 179.86W 500 4.4b
 IDC IV 16 01 15 20.2-5.2 23.44S 179.87W 516-34 4.4,3.5b
 ISCBJ IV 16 01 15 23.4-6.6 23.6S-40 179.8E-50 552-55 4.0b,3.5b
 ISC Event type se.
 NEIC Event type se.
 ISCBJ Event type se.

ISC IV 16 14 44 03.5-4.4 23.3S-20 179.8E-20 499-53 3.7b 13 15-150
 IDC IV 16 14 44 03.3-3.3 23.47S 179.88E 509-32 4.1,3.4
 NEIC IV 16 14 44 04.0-3.8 23.24S 179.76E 511-44 4.0b,3.4
 ISCBJ IV 16 14 44 06.0-4.0 23.5S-10 179.7E-20 549-52 3.7b,3.4
 ISC Event type se.
 NEIC Event type se.
 ISCBJ Event type se.
ISC IV 19 00 18 12.6-2.8 22.3S-10 179.4W-20 261-41 4.2b 16 11-147
 ISCBJ IV 19 00 18 09.7-2.6 22.3S-10 179.5W-20 238-37 4.3b
 NEIC IV 19 00 18 13.3-1.5 22.20S 179.35W 277-18 4.4b
 IDC IV 19 00 18 27.3-28 22.91S 179.61W 407-282 4.6,4.0
 ISC Event type se.
 ISCBJ Event type se. Error ellipse: s-maj=29.8km s-min=21.6km az=18.7.
 NEIC Event type se. Error ellipse: s-maj=16.0km s-min=12.2km az=135.0.
 IDC Error ellipse: s-maj=239.9km s-min=39.7km az=18.0.
ISC IV 19 15 16 43.1-4.8 24.8S-40 177.8W-70 200 4.3b 15 33-150

IV 19 15 16 17.9-1.8 24.70S 177.31W 0 4.8,4.6b
 ISCBJ IV 19 15 16 41.6-4.9 24.8S-40 177.9W-70 200 4.3b,4.6b
 IDC IV 19 15 17 07.6-78 24.73S 178.83W 400 4.4b,4.6b
 ISC Event type se.
 IDC Error ellipse: s-maj=75.3km s-min=27.2km az=150.0.
 ISCBJ Event type se. Error ellipse: s-maj=102.3km s-min=37.4km az=62.1.
 NEIC Event type se. Error ellipse: s-maj=36.4km s-min=13.3km az=160.0.
ISC IV 02 21 32 29.7-91 24.1S-20 177.7W-20 35 4.0,3.8b 8 12-146
 IDC IV 02 21 32 25.0-4.2 24.10S 177.82W 0 4.0,3.8b
 ISCBJ IV 02 21 32 27.3-92 24.0S-20 177.8W-20 33 4.0b,3.8b
 NEIC IV 02 21 32 29.7-60 24.06S 177.80W 35 4.4b,3.8b
 ISC Event type se.
 IDC Error ellipse: s-maj=175.0km s-min=49.0km az=147.0.
 ISCBJ Event type se. Error ellipse: s-maj=28.0km s-min=15.8km az=83.7.
 NEIC Event type se. Error ellipse: s-maj=21.2km s-min=11.4km az=131.0.
IDC IV 18 20 30 55.4-34 22.12S 178.81W 550-327 4.5,3.7
 ISC Event type se.

IDC IV 22 11 20 12.9-1.6 25.5S-10 179.8E-30 456-38 4.0b 17 13-148
 ISCBJ IV 22 11 20 11.6-2.1 25.38S-09 179.8E-20 456-38 4.0b
 NEIC IV 22 11 20 13.8-1.2 25.99S 179.92W 494-18 4.1b
 IDC IV 22 11 20 14.3-1.9 25.63S 179.98W 496-24 4.4,3.6
 ISC Event type se.
 ISCBJ Event type se. Error ellipse: s-maj=29.7km s-min=12.8km az=21.4.
 NEIC Event type se. Error ellipse: s-maj=23.1km s-min=13.1km az=137.0.
 IDC Error ellipse: s-maj=30.3km s-min=16.2km az=149.0.
ISC IV 30 05 33 15.7-3.2 24.1S-20 179.9W-30 530-30 4.3b 15 13-151
 ISCBJ IV 30 05 33 16.4-3.5 24.2S-20 180.0W-30 553-35 4.3b
 NEIC IV 30 05 33 16.3-2.3 24.16S 179.98W 531-22 4.6b
 IDC IV 30 05 33 19.6-5.1 23.67S 179.24E 505-30 4.5,3.7
 ISC Event type se.
 ISCBJ Event type se. Error ellipse: s-maj=51.6km s-min=27.7km az=118.1.
 NEIC Event type se. Error ellipse: s-maj=30.9km s-min=18.5km az=50.0.
 IDC Error ellipse: s-maj=72.9km s-min=29.0km az=123.0.
ISC IV 30 23 26 26.7-1.1 23.49S-08 179.3E-10 540-16 4.3b 25 12-152
 ISCBJ IV 30 23 26 26.7-1.3 23.35S-08 179.1E-10 549-19 4.3b
 NEIC IV 30 23 26 26.4-1.1 23.36S 179.24E 534-12 4.9b
 IDC IV 30 23 26 26.0-1.8 23.34S 179.15E 526-18 4.5,3.7
 ISC Event type se.
 ISCBJ Event type se. Error ellipse: s-maj=15.2km s-min=12.1km az=33.5.
 NEIC Event type se. Error ellipse: s-maj=15.4km s-min=11.1km az=149.0.
 IDC Error ellipse: s-maj=23.7km s-min=16.5km az=132.0.
ISC IV 05 16 31 49.0-1.5 26.2S-10 177.3W-20 82-18 4.2b 16 3-151
 MOS IV 05 16 31 44.1-1.8 26.15S 177.61W 33 4.8b
 ISCBJ IV 05 16 31 47.8-1.7 26.2S-10 177.4W-20 89-19 4.2b
 NEIC IV 05 16 31 48.6-1.4 26.20S 177.45W 75-14 4.5b
 IDC IV 05 16 31 48.7-3.0 26.27S 177.45W 72-27 4.3,4.1
 ISC Event type se.
 MOS Error ellipse: s-maj=25.0km s-min=16.4km az=73.9.
 ISCBJ Event type se. Error ellipse: s-maj=28.8km s-min=16.1km az=28.7.
 NEIC Event type se. Error ellipse: s-maj=19.6km s-min=12.3km az=110.0.
 IDC Error ellipse: s-maj=29.2km s-min=25.7km az=105.0.

ISC IV 26 11 11 17.8-8.1 22.25S-06 179.58W-07 571-10 4.4b 64 7-171
 SZGRF IV 26 11 10 12.8 23.88S 179.52W 33 4.4b
 ISCBJ IV 26 11 11 17.0-88 22.30S-06 179.64W-07 575-11 4.4b
 NEIC IV 26 11 11 17.7-68 22.23S 179.59W 572-8 4.6b
 IDC IV 26 11 11 21.8-1.9 22.18S 179.76W 618-23 4.9,4.0
 ISC Event type se.
 SZGRF South of Fiji Islands.
 ISCBJ Event type se. Error ellipse: s-maj=10.7km s-min=7.9km az=78.5.
 NEIC Event type se. Error ellipse: s-maj=11.5km s-min=6.8km az=154.0.
 IDC Error ellipse: s-maj=16.7km s-min=11.4km az=156.0.
ISC IV 27 16 56 09.1-1.3 25.16S-06 179.91E-08 457-15 4.3b 63 13-168
 ISCBJ IV 27 16 56 08.3-1.8 25.08S-06 179.80E-08 458-20 4.3b
 NEIC IV 27 16 56 08.9-1.1 25.04S 179.91E 461-13 4.4b
 BJI IV 27 16 56 08.8 25.00S 179.90E 460 4.7b,4.5b
 IDC IV 27 16 56 12.6-1.4 25.01S 179.72E 498-13 4.7,4.0
 ISC Event type se.
 ISCBJ Event type se. Error ellipse: s-maj=11.4km s-min=8.7km az=178.7.
 NEIC Event type se. Error ellipse: s-maj=9.8km s-min=7.8km az=142.0.
 IDC Error ellipse: s-maj=14.4km s-min=13.5km az=23.0.
IDC IV 06 20 30 04.5-6.9 24.73S 179.32E 448-62 4.1,3.3
 ISC Event type se.

IDC IV 06 22 11 35.4-1.2 23.50S-09 179.9W-10 524-14 4.2b 30 6-170
 ISCBJ IV 06 22 11 33.3-1.4 23.32S-09 180.0E-10 512-16 4.2b
 NEIC IV 06 22 11 34.8-1.1 23.37S 179.89W 522-12 4.4b
 IDC IV 06 22 11 35.5-2.1 23.36S 179.97E 524-23 4.5,3.8
 ISC Event type se.
 ISCBJ Event type se. Error ellipse: s-maj=16.3km s-min=13.5km az=119.9.
 NEIC Event type se. Error ellipse: s-maj=16.0km s-min=11.7km az=206.0.
 IDC Error ellipse: s-maj=17.9km s-min=16.0km az=0.0.
ISC IV 29 14 54 24.6-2.3 23.0S-10 179.0W-10 354-31 4.1b 23 11-91
 ISCBJ IV 29 14 54 22.8-2.3 23.0S-10 179.1W-10 346-30 4.1b
 NEIC IV 29 14 54 24.2-2.5 22.97S 178.97W 350-33 4.2b
 IDC IV 29 14 54 26.5-3.6 23.12S 178.76W 379-47 4.6,4.0
 ISC Event type se.
 ISCBJ Event type se. Error ellipse: s-maj=23.2km s-min=20.1km az=80.0.
 NEIC Event type se. Error ellipse: s-maj=22.9km s-min=20.2km az=155.0.
 IDC Error ellipse: s-maj=29.8km s-min=20.3km az=134.0.
IDC IV 08 00 37 29.6-21 23.86S 177.35W 378-168 4.2,3.5
 ISC Event type se.

IDC IV 06 22 11 35.4-1.2 23.50S-09 179.9W-10 524-14 4.2b 30 6-170
 ISCBJ IV 06 22 11 33.3-1.4 23.32S-09 180.0E-10 512-16 4.2b
 NEIC IV 06 22 11 34.8-1.1 23.37S 179.89W 522-12 4.4b
 IDC IV 06 22 11 35.5-2.1 23.36S 179.97E 524-23 4.5,3.8
 ISC Event type se.
 ISCBJ Event type se. Error ellipse: s-maj=16.3km s-min=13.5km az=119.9.
 NEIC Event type se. Error ellipse: s-maj=16.0km s-min=11.7km az=206.0.
 IDC Error ellipse: s-maj=17.9km s-min=16.0km az=0.0.
ISC IV 29 14 54 24.6-2.3 23.0S-10 179.0W-10 354-31 4.1b 23 11-91
 ISCBJ IV 29 14 54 22.8-2.3 23.0S-10 179.1W-10 346-30 4.1b
 NEIC IV 29 14 54 24.2-2.5 22.97S 178.97W 350-33 4.2b
 IDC IV 29 14 54 26.5-3.6 23.12S 178.76W 379-47 4.6,4.0
 ISC Event type se.
 ISCBJ Event type se. Error ellipse: s-maj=23.2km s-min=20.1km az=80.0.
 NEIC Event type se. Error ellipse: s-maj=22.9km s-min=20.2km az=155.0.
 IDC Error ellipse: s-maj=29.8km s-min=20.3km az=134.0.
IDC IV 08 00 37 29.6-21 23.86S 177.35W 378-168 4.2,3.5
 ISC Event type se.

IDC IV 08 23 56 37.3-11 24.84S 179.75W 481-93 4.3,3.5
 IDC Error ellipse: s-maj=333.7km s-min=82.7km az=66.0.
 IDC IV 08 23 56 37.3-11 24.84S 179.75W 481-93 4.3,3.5
 ISC Event type se.
 NEIC IV 29 00 43 24.3-1.7 24.19S 179.52W 500 4.1b
 IDC IV 29 00 43 33.8-2.7 21.23S 179.15E 528-24 4.1,3.3
 NEIC Event type se. Error ellipse: s-maj=98.7km s-min=25.2km az=160.0.
 IDC Error ellipse: s-maj=136.4km s-min=22.0km az=162.0.
ISC III 20 17 38 08.0-49 23.88S-03 179.90E-03 530-6 5.2b 324 6-170
 ORF III 20 17 37 24.4 21.02S 175.34E 30 6.2b
 MOS III 20 17 38 05.3-79 23.56S 179.88E 504 5.5b
 CRAAG III 20 17 38 05.0 23.61S 179.74E 504 5.2b
 HRVD III 20 17 38 06.9-20 23.85S 179.97E 551-1 5.8W
 NEIC III 20 17 38 06.9-10 23.80S 179.89E 522 5.3b
 BJI III 20 17 38 06.2 24.01S 179.99E 531 5.2b,5.2b
 ISCBJ III 20 17 38 06.6-54 23.76S-03 179.81E-03 523-6 5.2b,5.2b
 NEIC III 20 17 38 07.4-39 23.68S 179.85E 520-3 5.7,4.8b
 SZGRF III 20 17 38 11.4 23.77S 179.77E 560 5.7,4.8b
 ISC Event type se.
 MOS Error ellipse: s-maj=10.7km s-min=8.8km az=145.5.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 Centroid Moment Tensor Solution. LP body waves: s85,c170;Half duration: 1s8
 Moment tensor: Scale 10¹⁷Nm; M_{rr}1.95±0.07 M_{θθ}-1.99±1.11; M_{φφ}0.04±1.12; M_{φθ}1.38±1.12;
 M_{φr}2.58±1.10; M_{θr}-4.13±1.11; Best double couple: Principal axes: T 5.2800,Plg5.0000°
 NP2:φ203.0000°,δ78.0000°,λ62.0000°. P: N 0.0000°,λ155.0000°
 Azm83.0000°; N 0.2960,Plg27.0000°,Azm210.0000°; P -5.5710,Plg27.0000°,Azm315.0000°
 M5.42500°10¹⁷

NEIC Event type se. Error ellipse: s-maj=5.2km s-min=3.3km az=121.0.
 ISCBJ Event type se. Error ellipse: s-maj=4.8km s-min=3.7km az=89.9.
 IDC Error ellipse: s-maj=7.7km s-min=6.3km az=10.0.
 SZGRF South of Fiji Islands.
ISC III 29 05 42 35.9-1.3 22.26S-06 176.88W-07 154-12 4.7b 101 7-171
 CSEM III 29 05 42 20.0 22.08S 176.63W 33 5.5b
 ISCBJ III 29 05 42 21.9 22.01S 177.44W 33 5.5b
 SZGRF III 29 05 42 33.8-1.4 22.23S-05 176.99W-07 145-13 4.7b
 BJI III 29 05 42 33.9 22.30S 176.90W 147 5.1b,4.8b
 NEIC III 29 05 42 34.9-1.1 22.30S 176.90W 147-10 4.9b,4.8b
 MOS III 29 05 42 36.7-2.9 22.04S 177.00W 148 4.8b,4.8b
 IDC III 29 05 42 36.7-1.8 22.24S 176.98W 157-15 4.8,4.5

IDC	III	25 10 42 35.5-1.8	23.04S	176.96W	127-14	4.5,4.4			
NEIC	III	25 10 42 35.2-1.6	23.13S	176.94W	128-14	5.1b,4.4			
ISC	Event type se.								
MOS	Error ellipse: s-maj=13.2km s-min=11.5km az=151.2.								
ISCJB	Event type se. Error ellipse: s-maj=12.0km s-min=8.3km az=83.2.								
HRVD	Error ellipse: s-maj=6.7km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s1,c1; Mantle waves: s61,c73;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -0.23±.22 M _{θθ} 1.61±.25; M _{φφ} -1.38±.26; M _{rr} -1.19±.16; M _{θθ} 2.18±.32; M _{φφ} -1.49±.17; Best double couple: NP1:ϕ6.00000°;λ57.00000°;λ4.00000°; NP2:ϕ198.00000°;λ87.00000°;λ147.00000°; Principal axes: T 3.5790,Plg25.0000°; N 0.7690,Plg57.0000°; Azm13.0000°; P -2.8150,Plg20.0000°; Azm249.0000°; M ₀ 3.19700×10 ¹⁶								
IDC	III	26 13 47 44.8-1.3	25.45S	178.2W-20	150	3.8b	9	13-150	
NEIC	III	26 13 47 43.0-1.3	25.55S	178.2W-20	150	3.8b		¶10611056	
ISCJB	III	26 13 47 44.1-1.1	25.58S	178.11W	156	4.3b			
IDC	III	26 13 47 49.9-10	26.88S	177.81W	227-82	4.1,3.7			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=39.3km s-min=10.4km az=90.3.								
NEIC	Event type se. Error ellipse: s-maj=52.5km s-min=15.2km az=148.0.								
IDC	Error ellipse: s-maj=77.1km s-min=34.4km az=145.0.								
ISC	III	31 07 25 05.6-15	22.61S	177.64W-04	278	4.9b	260	7-171	
MOS	III	31 07 24 57.3-81	22.17S	177.75W	204	5.1b		¶10614254	
ORF	III	31 07 24 58.5	13.32S	178.70E	30	6.0b			
BJI	III	31 07 25 02.2	22.35S	176.75W	282	4.9b,4.8b			
SZGRF	III	31 07 25 02.9	23.36S	177.55W	300	4.9b,4.8b			
ISCJB	III	31 07 25 04.3-15	22.56S	177.71W-04	276	4.9b,4.8b			
HRVD	III	31 07 25 05.1-40	22.29S	177.34W	278-3	5.2W,4.8b			
IDC	III	31 07 25 05.9-66	22.39S	177.66W	277-6	5.2,4.7			
NEIC	III	31 07 25 05.1-11	22.60S	177.68W	276	5.0b,4.7			
BGS	III	31 07 25 09.3-4.4	22.60S	177.69W	276-0	5.0b,4.7			
ISC	Event type se.								
MOS	Error ellipse: s-maj=11.2km s-min=7.8km az=58.8.								
SZGRF	South of Fiji Islands.								
ISCJB	Event type se. Error ellipse: s-maj=5.9km s-min=3.3km az=56.8.								
HRVD	Error ellipse: s-maj=3.3km s-min=3.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s36,c50; Mantle waves: s57,c76;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -4.18±.28 M _{θθ} -0.63±.26; M _{φφ} 4.81±.26; M _{rr} -3.34±.30; M _{θθ} -3.18±.24; M _{φφ} -1.43±.29; Best double couple: NP1:ϕ6.00000°;λ85.00000°;λ-43.00000°; NP2:ϕ124.00000°;λ86.00000°;λ-136.00000°; Principal axes: T 6.2760,Plg1.0000°; Azm245.0000°; N 0.6400,Plg37.0000°; Azm155.0000°; P -6.9170,Plg53.0000°; Azm336.0000°; M ₀ 6.59600×10 ¹⁶								
IDC	III	28 06 53 54.0-1.0	22.04OS	179.45W-08	568-13	4.2b	39	11-171	
NEIC	III	28 06 53 53.9-1.0	22.00OS	179.56W-08	581-14	4.2b		¶10612174	
BGS	III	28 06 53 54.1-98	22.01S	179.50W	568-13	4.3b			
IDC	III	28 06 53 55.3-1.5	21.95S	179.52W	585-16	4.5,3.7			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=14.7km s-min=8.5km az=114.3.								
NEIC	Event type se. Error ellipse: s-maj=12.5km s-min=9.0km az=156.0.								
IDC	Error ellipse: s-maj=16.7km s-min=13.5km az=153.0.								
ISC	III	29 02 08 37.9-1.0	23.65S	179.98W-07	539-12	4.3b	48	6-169	
ISCJB	III	29 02 08 36.9-1.1	23.53S	179.89E-07	538-13	4.3b		¶10612640	
NEIC	III	29 02 08 36.1-78	23.46S	179.99W	521-9	4.4b			
IDC	III	29 02 08 37.0-77	23.50S	179.95E	528-7	4.6,4.0			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=11.4km s-min=9.5km az=135.2.								
NEIC	Event type se. Error ellipse: s-maj=11.1km s-min=8.0km az=153.0.								
IDC	Error ellipse: s-maj=15.1km s-min=11.4km az=170.0.								
ISC	III	29 17 49 08.4-1.1	23.92S	179.04E-07	517-13	4.5b	77	12-169	
SZGRF	III	29 17 48 07.2	26.38S	178.44E	33	4.5b		¶10613013	
MOS	III	29 17 49 06.5-1.3	23.82S	179.01E	507	4.9b			
BJI	III	29 17 49 09.5	23.80S	179.00E	535	4.6b,4.5b			
NEIC	III	29 17 49 09.6-1.0	23.83S	178.97E	535-11	4.8b,4.5b			
IDC	III	29 17 49 10.4-1.4	23.89S	178.92E	541-13	4.8,4.2			
ISCJB	III	29 17 49 10.7-1.5	24.00S	178.86E-08	553-18	4.5b,4.2			
ISC	Event type se.								
SZGRF	South of Fiji Islands.								
NEIC	Event type se.								
ISCJB	Event type se.								
IDC	III	10 08 54 58.6-6.6	23.77S	179.64W	486-41	4.1,3.4			
IDC	III	20 08 08 09.6-10	25.83S	179.64W	482-58	4.2,3.4		¶10600971	
IDC	III	20 08 08 09.6-10	25.83S	179.64W	482-58	4.2,3.4		¶10607043	
IDC	III	21 15 44 50.8-10	24.42S	179.87E	553-105	4.3,3.4		¶10607915	
IDC	III	24 20 20 01.5-71	22.25S	179.59W	0	4.6,4.4b		¶10609826	
IDC	III	27 17 20 03.1-20	24.26S	176.56W	380-68	4.5,3.7b		¶10611816	
IDC	III	29 02 45 48.0-15	23.42S	179.71E	432-113	4.1,3.3		¶10612656	
IDC	IV	25 08 30 57.3-1.6	25.05S	179.8E-10	528-20	4.0b	14	13-168	
IDC	IV	25 08 30 54.0-2.4	24.93S	179.87E	488-23	4.3,3.7		¶10613013	
ISCJB	IV	25 08 30 57.4-1.7	25.15S	179.7E-10	541-22	4.0b,3.7			
ISC	VI	07 22 10 19.0-73	24.47S	179.64W-07	489-8	4.6b	86	5-169	
CSEB	VI	07 22 09 33.6	23.49S	179.46W	33	5.5b		¶10698828	
ISCJB	VI	07 22 10 18.4-77	24.41S	179.76W-07	489-9	4.6b			
NEIC	VI	07 22 10 18.6-98	24.36S	179.79W	477-12	4.6b			
BJI	VI	07 22 10 18.5	24.40S	179.80W	477	4.9b,4.6b			
MOS	VI	07 22 10 19.3-2.4	24.37S	179.85W	490	4.7b,4.6b			
IDC	VI	07 22 10 20.4-1.6	24.41S	179.84W	501-15	4.9,4.1			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=10.1km s-min=8.2km az=3.7.								
NEIC	Event type se. Error ellipse: s-maj=9.8km s-min=7.9km az=114.0.								
MOS	Error ellipse: s-maj=12.2km s-min=11.6km az=63.2.								
IDC	Error ellipse: s-maj=18.5km s-min=12.9km az=58.0.								
ISC	VI	09 23 44 52.5-1.8	26.65S	179.2E-40	522-26	4.1b	12	4-149	
ISCJB	VI	09 23 44 51.0-2.3	26.55S	179.3E-50	540-32	4.1b		¶10621700	
NEIC	VI	09 23 44 51.4-86	26.47S	179.35E	533-10	4.3b			
IDC	VI	09 23 44 52.0-1.9	26.54S	179.28E	529-24	4.3,3.4			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=80.5km s-min=28.0km az=120.3.								
NEIC	Event type se. Error ellipse: s-maj=21.6km s-min=13.8km az=191.0.								
IDC	Error ellipse: s-maj=47.2km s-min=24.4km az=176.0.								
ISC	VI	10 13 17 27.1-60	23.97S	179.97E-04	551-7	4.7b	342	6-169	
MOS	VI	10 13 17 23.2-95	23.55S	179.89E	510	4.7b		¶10698861	
ISCJB	VI	10 13 17 25.8-71	23.83S	179.87E-04	544-9	4.7b			
BJI	VI	10 13 17 26.1	23.90S	180.00E	542	4.8b,4.3b			
NEIC	VI	10 13 17 26.1-66	23.87S	179.96E	542-8	4.7b,4.3b			
IDC	VI	10 13 17 26.4-91	23.70S	179.91E	539-8	5.0,4.2b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=12.7km s-min=8.5km az=46.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.7km s-min=4.7km az=85.7.								
NEIC	Event type se. Error ellipse: s-maj=7.1km s-min=5.2km az=152.0.								
IDC	Error ellipse: s-maj=11.8km s-min=9.7km az=11.0.								
ISC	VI	30 20 40 38.7-1.7	24.48S	179.7W-10	498-17	4.3b	43	13-169	
NEIC	VI	30 20 40 37.3-2.5	24.37S	179.61W	486-25	4.4b		¶10622895	
ISCJB	VI	30 20 40 38.5-1.7	24.37S	179.8W-10	507-19	4.3b			
IDC	VI	30 20 40 40.8-2.3	24.41S	179.95W	508-23	4.6,3.8			

ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=24.3km s-min=13.2km az=51.0.								
ISCJB	Event type se. Error ellipse: s-maj=21.1km s-min=11.9km az=116.7.								
IDC	Error ellipse: s-maj=21.6km s-min=15.1km az=19.0.								
ISC	VI	12 00 48 02.6-1.2	24.55S	178.7E-20	500	3.9b	13	30-86	
IDC	VI	12 00 47 10.6-3.5	24.01S	179.45E	0	4.1,3.9b		¶10621862	
ISCJB	VI	12 00 48 01.6-1.3	24.5S	178.6E-20	500	3.9b,3.9b			
NEIC	VI	12 00 48 01.8-3.8	24.98S	178.01E	500	4.4b,3.9b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=264.1km s-min=33.0km az=153.0.								
ISCJB	Event type se. Error ellipse: s-maj=37.4km s-min=22.9km az=139.0.								
NEIC	Event type se. Error ellipse: s-maj=81.0km s-min=30.2km az=51.0.								
ISC	VI	13 10 31 56.1-2.3	25.45S	178.9W-60	444-37	4.4b	23	4-92	
ISCJB	VI	13 10 31 53.4-2.5	25.2S	178.6W-60	459-27	4.5b		¶10600001	
NEIC	VI	13 10 31 54.6-2.8	25.22S	178.51W	466-34	4.6b			
IDC	VI	13 10 31 54.1-11	25.41S	178.21E	178-194	5.1L,4.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=82.6km s-min=17.7km az=163.0.								
NEIC	Event type se. Error ellipse: s-maj=81.0km s-min=32.3km az=78.0.								
IDC	Error ellipse: s-maj=149.2km s-min=49.5km az=109.0.								
ISC	VI	25 23 07 44.9-3.3	24.8S	179.3E-40	600	3.9b	16	31-168	
IDC	VI	25 23 07 41.2-26	24.63S	179.53E	570-247	4.4,3.5		¶10622618	
ISCJB	VI	25 23 07 43.2-3.3	24.8S	179.3E-40	600	3.9b,3.5			
NEIC	VI	25 23 07 45.2-7.3	24.66S	179.34E	616-71	4.0b,3.5			
ISC	Event type se.								
IDC	Error ellipse: s-maj=193.8km s-min=48.2km az=69.0.								
ISCJB	Event type se. Error ellipse: s-maj=72.9km s-min=18.3km az=82.2.								
NEIC	Event type se. Error ellipse: s-maj=67.0km s-min=15.5km az=56.0.								
ISC	VI	26 16 45 53.2-96	23.95S	179.77E-09	480-12	3.9b	66	6-169	
NEIC	VI	26 16 45 51.7-1.0	23.91S	179.82E	466-13	4.2b		¶10622667	
ISCJB	VI	26 16 45 53.2-1.0	23.94S	179.68E-09	491-12	3.9b			
IDC	VI	26 16 45 55.7-1.5	23.94S	179.72E	508-14	4.4,3.7			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=10.9km s-min=9.4km az=97.0.								
ISCJB	Event type se. Error ellipse: s-maj=33.2km s-min=18.5km az=49.0.								
IDC	Error ellipse: s-maj=18.3km s-min=14.2km az=24.0.								
IDC	VI	01 02 23 30.8-6.8	22.16S	179.54W	571-71	4.1,3.3		¶106599657	
IDC	VI	27 18 10 38.1-3.4	24.3S	179.0W-30	508-28	4.5b	16	14-152	
ISCJB	VI	27 18 10 36.0-3.6	24.1S	178.8W-30	511-33	4.5b		¶10622740	
NEIC	VI	27 18 10 42.3-2.8	24.59S	179.49W	521-27	4.4b			
IDC	VI	27 18 10 42.5-3.0	24.43S	179.65W	506-26	4.9,4.2b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=48.0km s-min=14.6km az=139.8.								
NEIC	Event type se. Error ellipse: s-maj=33.2km s-min=18.5km az=49.0.								
IDC	Error ellipse: s-maj=32.2km s-min=27.7km az=49.0.								
ISC	VI	28 11 35 06.8-1.2	24.28S	179.81E-09	520-13	4.1b	41	12-151	
NEIC	VI	28 11 35 03.6-2.0	24.04S	179.93E	489-22	4.4b		¶10622795	
IDC	VI	28 11 35 04.9-1.7	24.05S	179.81E	501-17	4.4,3.7			
ISCJB	VI	28 11 35 05.6-1.2	24.13S	179.74E-09	519-14	4.1b,3.7			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	VI	18 00 59 44.3-67	25.05S	179.89E-08	493-9	4.4b	54	5-152	
ISCJB	VI	18 00 59 4							

ISC	III	13 20 37 39.4-4.3	24.4S-20	179.8W-10	476-54	3.8b	17	14-169	
ISC	III	13 20 37 34.5-5.7	24.2S-10	179.8W-20	428-64	3.8b			¶9569986
IDC	III	13 20 37 39.7-2.8	24.41S	179.76W	483-29	4.3,3.7		¶10603203	
NEIC	III	13 20 37 41.3-2.4	24.50S	179.81W	503-29	4.4b,3.7			
ISC	Event type se.								
ISC	III	13 20 37 34.5-5.7	24.2S-10	179.8W-20	428-64	3.8b			
IDC	III	13 20 37 39.7-2.8	24.41S	179.76W	483-29	4.3,3.7			
NEIC	III	13 20 37 41.3-2.4	24.50S	179.81W	503-29	4.4b,3.7			
ISC	Event type se. Error ellipse: s-maj=27.3km s-min=17.5km az=112.8.								
ISC	Error ellipse: s-maj=22.3km s-min=19.8km az=175.0.								
NEIC	Event type se. Error ellipse: s-maj=24.0km s-min=11.9km az=188.0.								
ISC	VI	06 04 26 06.7-2.7	23.75S-20	177.6W-20	130-28	4.0b	16	11-82	
ISC	VI	06 04 26 05.8-2.6	23.70S-10	177.7W-20	138-27	4.0b			¶19221509
NEIC	VI	06 04 26 11.0-2.6	23.51S	177.49W	190-41	4.3b			
IDC	VI	06 04 26 14.2-8.2	23.55S	177.05W	260-154	4.3,3.7			
ISC	Event type se.								
ISC	III	13 20 37 34.5-5.7	24.2S-10	179.8W-20	428-64	3.8b			
NEIC	III	13 20 37 41.3-2.4	24.50S	179.81W	503-29	4.4b,3.7			
IDC	III	13 20 37 39.7-2.8	24.41S	179.76W	483-29	4.3,3.7			
ISC	IV	11 06 39 40.9-1.4	24.05S-10	179.9W-10	474-21	4.2b	26	13-148	
ISC	IV	11 06 39 40.0-1.8	24.05S-10	180.0W-10	477-26	4.2b			¶19594628
NEIC	IV	11 06 39 40.7-1.2	23.98S	179.91W	473-16	4.4b			
IDC	IV	11 06 39 41.9-2.2	24.06S	179.90W	483-22	4.5,3.8			
ISC	Event type se.								
ISC	III	13 20 37 34.5-5.7	24.2S-10	179.8W-20	428-64	3.8b			
NEIC	III	13 20 37 41.3-2.4	24.50S	179.81W	503-29	4.4b,3.7			
IDC	III	13 20 37 39.7-2.8	24.41S	179.76W	483-29	4.3,3.7			
ISC	VI	14 07 44 47.7-10	23.92S	179.97W	618-120	4.4,3.5			¶19600020
IDC	Error ellipse: s-maj=98.2km s-min=45.9km az=30.0.								
ISC	II	01 08 22 17.9-2.7	24.25S-20	179.9E-20	518-31	4.3b	12	13-145	
IDC	II	01 08 22 15.7-2.8	24.08S	179.90E	497-29	4.3,3.6			¶19569368
ISC	II	01 08 22 18.1-3.2	24.25S-20	179.8E-20	536-38	4.3b,3.6			
NEIC	II	01 08 22 18.7-2.2	24.24S	179.81E	531-26	4.7b,3.6			
ISC	Event type se.								
IDC	Error ellipse: s-maj=47.0km s-min=25.5km az=164.0.								
ISC	Event type se. Error ellipse: s-maj=40.3km s-min=24.9km az=48.5.								
NEIC	Event type se. Error ellipse: s-maj=28.3km s-min=19.7km az=201.0.								
ISC	II	01 18 28 49.5-19	22.22S-05	179.59W-04	604	5.2b	217	7-171	
NAO	II	01 18 27 28.2	27.42S	179.88W	500	4.5b			¶18079716
CSEM	II	01 18 27 51.5	21.62S	179.39W	33	6.1b			
MOS	II	01 18 28 45.8-1.4	22.02S	179.64W	570	5.2b			
BJI	II	01 18 28 48.8	21.74S	179.48W	598	5.4b,5.1b			
ISC	II	01 18 28 48.0-18	22.23S-04	179.63W-04	602	5.2b,5.1b			
IDC	II	01 18 28 48.4-51	22.20S	179.66W	590-5	5.7,4.8b			
NEIC	II	01 18 28 48.7-12	22.19S	179.65W	600	5.2b,4.8b			
HRVD	II	01 18 28 48.7-50	22.06S	179.55W	600-2	5.4W,4.8b			
SZGRF	II	01 18 28 49.1	22.41S	178.39W	616	5.4W,4.8b			
BGS	II	01 18 28 52.7-6.1	22.19S	179.65W	600-0	5.2b,4.8b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=10.7km s-min=9.2km az=97.6.								
ISC	Event type se. Error ellipse: s-maj=5.5km s-min=4.2km az=148.3.								
IDC	Error ellipse: s-maj=8.6km s-min=7.1km az=169.0.								
NEIC	Event type se. Error ellipse: s-maj=5.6km s-min=4.4km az=153.0.								
HRVD	Error ellipse: s-maj=4.4km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s60.c88;Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.41±0.04; Mw=0.26±0.07; M0=0.67±0.07; Mn=0.18±0.07; M2=0.31±0.06; Mn=1.31±0.06; Best double couple: NP1:φ=128.00000°,δ=619.00000°,λ=148.00000°; NP2:φ=8.00000°,δ=80.00000°,λ=74.00000°; Principal axes: T 1.5610.Plg33.0000°,Az=84.00000°; N -0.1810.Plg16.0000°,Az=185.0000°; P -1.3800.Plg52.0000°,Az=297.0000°; M01.47000°x10 ¹⁷								
SZGRF	South of Fiji Islands.								
BGS	Error ellipse: s-maj=537.7km s-min=999.9km az=-1.0.								
IDC	II	02 15 59 35.8-66	22.89S	179.81E	658-263	4.1,3.2			¶19569551
IDC	Error ellipse: s-maj=872.6km s-min=88.1km az=79.0.								
ISC	II	02 22 11 27.1-2.1	25.45S-10	179.6E-20	496-19	3.9b	16	12-168	
NAO	II	02 22 10 32.0	25.20S	178.16W	33	3.8b			¶19569619
NEIC	II	02 22 11 24.5-2.5	25.15S	179.86E	492-23	4.4b			
ISC	II	02 22 11 25.6-2.2	25.25S-10	179.7E-30	511-23	3.9b			
IDC	II	02 22 11 26.9-2.3	25.24S	179.63E	507-24	4.1,3.3			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=29.5km s-min=16.9km az=54.0.								
ISC	Event type se. Error ellipse: s-maj=39.0km s-min=14.9km az=123.5.								
IDC	Error ellipse: s-maj=25.7km s-min=17.3km az=180.0.								
ISC	II	03 17 54 59.7-1.2	24.65S-10	179.9W-10	509-14	4.3b	28	5-152	
ISC	II	03 17 54 58.7-1.2	24.65S-10	179.9W-10	513-15	4.3b			¶19569703
IDC	II	03 17 54 58.3-1.9	24.35S	179.77W	510-20	4.5,3.7b			
NEIC	II	03 17 54 58.9-1.0	24.61S	179.71W	525-11	4.3b,3.7b			
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=21.5km s-min=16.6km az=113.4.								
IDC	Error ellipse: s-maj=21.7km s-min=17.2km az=13.0.								
NEIC	Event type se. Error ellipse: s-maj=18.4km s-min=11.9km az=202.0.								
ISC	II	04 01 12 38.5-2.1	24.25S-80	179.7W-40	350	3.6b	9	32-148	
ISC	II	04 01 12 36.9-2.1	24.45S-80	179.7W-40	350	3.6b			¶19569746
NEIC	II	04 01 12 37.8-2.0	24.52S	179.64W	350	4.0b			
IDC	II	04 01 12 43.2-12	23.99S	179.92W	390-126	4.2,3.8			
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=113.9km s-min=19.8km az=139.3.								
NEIC	Event type se. Error ellipse: s-maj=115.0km s-min=20.2km az=161.0.								
IDC	Error ellipse: s-maj=117.5km s-min=46.5km az=158.0.								
ISC	II	04 02 38 56.0-1.6	23.15S-60	176.6W-30	100	3.8b	7	16-151	
IDC	II	04 02 38 43.4-2.0	22.84S	176.59W	0	4.2,4.0			¶19569753
ISC	II	04 02 38 54.3-1.6	23.15S-60	176.6W-30	100	3.8b,4.0			
NEIC	II	04 02 38 55.5-1.3	23.15S	176.55W	100	4.4b,4.0			
ISC	Event type se.								
IDC	Error ellipse: s-maj=117.5km s-min=22.8km az=153.0.								
ISC	Event type se. Error ellipse: s-maj=93.4km s-min=18.3km az=130.1.								
NEIC	Event type se. Error ellipse: s-maj=77.3km s-min=15.3km az=155.0.								
IDC	II	05 04 09 29.8-60	20.29S	179.29E	0	4.4,4.2b			¶19569878
IDC	Error ellipse: s-maj=1077.0km s-min=151.6km az=81.0.								
ISC	II	05 12 29 49.0-20	26.21S-03	178.33E-04	638	4.9b	256	4-173	
NAO	II	05 12 28 44.8	25.04S	179.52W	570	5.3b			¶18079888
ORF	II	05 12 28 54.3	24.87S	173.23E	30	5.9b			
MOS	II	05 12 29 45.0-2.6	26.04S	178.30E	596	5.1b			
SZGRF	II	05 12 29 46.6	26.27S	178.67E	619	5.1b			
ISC	II	05 12 29 47.5-19	26.18S-02	178.23E-05	634	4.9b			
BJI	II	05 12 29 47.2	25.67S	178.29E	616	5.2b,4.9b			
IDC	II	05 12 29 48.6-56	26.09S	178.20E	628-5	5.2,4.4			
HRVD	II	05 12 29 48.3-20	26.10S	178.25E	638-2	5.4W,4.4			
NEIC	II	05 12 29 48.3-13	26.14S	178.28E	632	4.9b,4.4			¶19571181
ISC	Event type se.								
MOS	Error ellipse: s-maj=14.9km s-min=11.0km az=103.2.								
SZGRF	South of Fiji Islands.								
ISC	Event type se. Error ellipse: s-maj=5.3km s-min=3.1km az=3.3.								
IDC	Error ellipse: s-maj=9.4km s-min=9.2km az=83.0.								
HRVD	Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s73.c110;Half duration: 1s3 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.27±0.04; Mw=0.74±0.06; M0=0.46±0.06; Mn=0.97±0.05; M2=0.19±0.05; Mn=1.19±0.05; Best double couple: NP1:φ=310.00000°,δ=823.00000°,λ=9.00000°; NP2:φ=47.00000°,δ=87.00000°,λ=113.00000°; Principal axes: T 1.4720.Plg38.0000°,Az=158.0000°; N 0.3540.Plg23.0000°,Az=49.0000°; P -1.8250.Plg44.0000°,Az=295.0000°; M01.64900°x10 ¹⁷								
NEIC	Event type se. Error ellipse: s-maj=7.1km s-min=2.9km az=94.0.								
ISC	II	05 15 41 19.3-2.0	23.85S-09	179.8E-20	443-21	3.9b	24	15-169	
ISC	II	05 15 41 21.5-2.8	23.95S-10	179.7E-20	486-33	4.0b			¶19569922
NEIC	II	05 15 41 21.3-4.0	23.65S	179.79E	490-41	4.4b			
IDC	II	05 15 41 23.3-3.2	23.69S	179.72E	508-31	4.2,3.5			
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=24.4km s-min=13.4km az=130.1.								
NEIC	Event type se. Error ellipse: s-maj=34.3km s-min=19.9km az=207.0.								
IDC	Error ellipse: s-maj=23.9km s-min=20.5km az=31.0.								
IDC	II	06 06 11 16.7-3.1	24.82S	179.86E	392-38	4.4,3.8			

IDC	Error ellipse: s-maj=43.1km s-min=23.2km az=173.0.								
ISC	II	09 02 19 48.3-3.4	25.65S-20	179.5E-10	285-49	3.9b	11	13-50	
IDC	IV	24 09 29 28.6-11	24.26S	179.44W	513-55	4.3,3.4			¶10692649
IDC	Error ellipse: s-maj=192.2km s-min=46.7km az=61.0.								
ISC	II	10 02 43 20.9-5.9	23.05S-30	179.2W-80	550	3.9b	9	16-148	
ISC	II	10 02 43 17.6-5.0	22.6S-20	179.0W-70	550	3.9b			¶19570362
IDC	II	10 02 43 20.3-10	22.85S	179.25W	547-108	4.4,3.6			
NEIC	II	10 02 43 29.4-1.2	23.41S	179.59W	650	4.0b,3.6			
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=87.3km s-min=15.3km az=141.5.								
IDC	Error ellipse: s-maj=84.6km s-min=41.2km az=35.0.								
NEIC	Event type se. Error ellipse: s-maj=30.4km s-min=24.9km az=52.0.								
ISC	II	13 07 00 43.0-4.0	22.55S-50	179.5W-30	606-39	4.3b	15	13-147	
IDC	II	13 07 00 38.9-3.6	22.39S	179.39W	561-34	4.7,3.9			¶19570673
NEIC	II	13 07 00 43.3-2.6	22.45S	179.54W	615-24	4.4b,3.9			
ISC	II	13 07 00 45.0-4.3	22.5S-50	179.7W-40	651-47	4.2b,3.9			
ISC									

IDC	V	29 07 54 10.1-1.8	23.70S	179.81E	516-18	4.6,3.9			
NEIC	V	29 07 54 12.1-1.3	23.93S	179.87E	545-16	4.3b,3.9			
ISCJB	V	29 07 54 13.5-1.7	23.65S-09	179.70E-08	563-22	4.2b,3.9			
ISC	Event type se. Error ellipse: s-maj=32.7km s-min=15.8km az=149.3.								
SZGRF	South of Fiji Islands.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	V	24 16 35 12.3-5.8	24.47S-50	179.32E-60	599-27	4.3b	15	12-66	
IDC	V	24 16 35 08.9-10	24.07S	179.72E	599-63	4.7,3.8			19131977
NEIC	V	24 16 35 12.5-4.1	24.36S	179.25E	601-19	4.2b,3.8			
ISCJB	V	24 16 35 13.3-5.9	24.4S-60	179.2E-60	629-32	4.3b,3.8			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	V	06 02 29 31.7-12	25.14S-03	179.75E-03	522	5.2b	328	5-171	
ORF	V	06 02 28 43.5	24.99S	177.78E	30	6.3b			110698288
SZGRF	V	06 02 29 29.1	24.88S	179.27W	528	6.3b			
IDC	V	06 02 29 29.6-39	24.94S	179.71E	500-3	5.5,4.7			
MOS	V	06 02 29 29.4-81	24.83S	179.66E	496	5.4b,4.7			
ISCJB	V	06 02 29 30.7-12	25.07S-03	179.68E-03	519	5.2b,4.7			
BJI	V	06 02 29 30.5	24.64S	179.80E	508	4.9b,4.9b			
HRVD	V	06 02 29 31.4-30	25.03S	179.90E	528-1	5.6b,4.9b			
NEIC	V	06 02 29 31.4-10	24.98S	179.68E	518	5.3b,4.9b			
BGS	V	06 02 29 36.7-5.0	24.90S	179.64E	518-0	5.3b,4.9b			
ISC	Event type se.								
SZGRF	South of Fiji Islands.								
IDC	Error ellipse: s-maj=8.6km s-min=6.4km az=178.0.								
MOS	Error ellipse: s-maj=9.2km s-min=7.8km az=53.6.								
ISCJB	Event type se. Error ellipse: s-maj=4.2km s-min=3.0km az=61.5.								
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution, LP body waves: s80,c125;Half duration: 1s5 Moment tensor: Scale 10^17Nm; Mr1,0.5±0.06 Mw0.27±0.09; Mw0.27±0.09; Mw-2.47±0.08; Mw-2.47±0.08; Best double couple: NP1:φ94.00000°,δ31.00000°,λ158.00000°; NP2:φ203.00000°,δ79.00000°,λ61.00000°. Principal axes: T 3.2010,Plg48.0000°; Azm82.0000°; N-0.3060,Plg29.0000°,Azm209.0000°; P-2.8970,Plg28.0000°; Azm316.0000°; Mw3.04900x10^17								
NEIC	Event type se. Error ellipse: s-maj=5.5km s-min=3.4km az=151.0.								
BGS	Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.								
ISC	V	10 18 42 02.1-21	22.58S-05	176.42W-06	112	4.8b	141	7-170	
CSEM	MOS	10 18 41 52.0	22.39S	176.46W	33	5.6b			18338754
MOS	V	10 18 41 52.0-1.0	22.39S	176.49W	33	5.2b			
BJI	V	10 18 41 55.5	22.73S	175.41W	103	5.2b,4.9b			
BGS	V	10 18 41 57.5-3.2	22.47S	176.44W	76-0	5.0b,4.9b			
IDC	V	10 18 41 57.4-2.5	22.46S	176.43W	74-21	4.9,4.7			
HRVD	V	10 18 41 57.7-20	22.62S	176.09W	126-1	5.2W,4.7			
ISCJB	V	10 18 42 00.5-21	22.57S-04	176.52W-05	110	4.8b,4.7			
SZGRF	V	10 18 42 01.2	22.65S	176.15W	112	4.8b,4.7			
NEIC	V	10 18 42 01.6-18	22.48S	176.50W	110	4.9b,4.7			
ORF	V	10 18 42 08.4	17.79S	179.43E	30	6.0b,4.7			
ISC	Event type se.								
MOS	Error ellipse: s-maj=12.6km s-min=9.3km az=136.8.								
BGS	Error ellipse: s-maj=507.8km s-min=999.9km az=-1.0.								
IDC	Error ellipse: s-maj=18.5km s-min=12.1km az=142.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s64,c85; Mantle waves: s89,c141;Half duration: 0 Moment tensor: Scale 10^16 Nm; Mr-5.07±1.13 Mw0.37±1.18; Mw0.43±1.19; Mw0.34±1.11; Mw0.30±1.16; Mw-3.21±1.13; Best double couple: NP1:φ223.00000°,δ35.00000°,λ59.00000°; NP2:φ6.00000°,δ60.00000°,λ-110.00000°. Principal axes: T 7.3580,Plg13.0000°,Azm111.0000°; N-1.1420,Plg17.0000°,Azm16.0000°; P-6.2220,Plg68.0000°,Azm236.0000°; Mw6.79000x10^16								
ISCJB	Event type se. Error ellipse: s-maj=7.6km s-min=4.8km az=74.5.								
SZGRF	South of Fiji Islands.								
NEIC	Event type se. Error ellipse: s-maj=10.6km s-min=5.3km az=141.0.								
NEIC	V	20 20 59 42.9-1.7	25.21S	179.65W	350	3.8b			
IDC	V	20 20 59 05.6-4.0	22.19S	179.65W	0	4.2,4.0			110698540
NEIC	Event type se. Error ellipse: s-maj=101.0km s-min=23.3km az=160.0.								
IDC	Error ellipse: s-maj=237.3km s-min=44.0km az=156.0.								
ISC	V	27 08 49 36.5-1.3	25.17S-07	177.1W-10	91-12	4.3b	27	4-168	
ISCJB	V	27 08 49 34.8-1.5	25.14S-07	177.2W-10	89-13	4.3b			19132161
IDC	V	27 08 49 36.2-2.6	25.18S	177.22W	86-22	4.4,4.2			
NEIC	V	27 08 49 36.5-1.2	25.08S	177.21W	90-12	4.3b,4.2			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=17.9km s-min=12.3km az=10.1.								
IDC	Error ellipse: s-maj=23.8km s-min=18.3km az=83.0.								
NEIC	Event type se. Error ellipse: s-maj=15.4km s-min=10.7km az=105.0.								
ISC	V	27 18 35 43.1-5.7	23.65S-40	180.0W-50	506-47	4.1b	21	15-142	
NEIC	V	27 18 35 41.3-4.8	23.39S	179.68W	517-47	4.6b			19132182
IDC	V	27 18 35 43.1-8.0	23.51S	179.98E	502-35	4.5,3.6b			
ISCJB	V	27 18 35 44.8-6.0	23.7S-40	179.9E-50	534-55	4.2b,3.6b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
IDC	V	02 10 04 13.3-69	22.95S	178.96E	0	4.3,4.1b			19598370
IDC	Error ellipse: s-maj=1228.0km s-min=152.1km az=85.0.								
IDC	V	03 10 09 03.2-11	22.02S	178.50E	651-90	3.9,2.9			19598403
IDC	Error ellipse: s-maj=213.6km s-min=83.2km az=149.0.								
IDC	V	03 22 18 25.6-6.8	20.70S	178.32E	0	3.9,3.7b			19598433
IDC	Error ellipse: s-maj=348.5km s-min=51.4km az=151.0.								
IDC	V	07 18 58 32.6-80	20.94S	177.11E	0	4.2,4.0b			19598624
IDC	Error ellipse: s-maj=1402.0km s-min=154.2km az=82.0.								
IDC	V	08 20 46 16.0-64	23.01S	178.02W	0	4.0,3.9b			19598661
IDC	Error ellipse: s-maj=1175.0km s-min=159.4km az=87.0.								
IDC	V	17 17 06 38.8-70	22.20S	179.56W	0	4.4,4.2b			19599103
IDC	Error ellipse: s-maj=1267.0km s-min=155.0km az=85.0.								
IDC	V	17 22 13 26.0-72	20.21S	177.66E	0	3.8,3.7b			19599109
IDC	Error ellipse: s-maj=1266.0km s-min=153.6km az=81.0.								
IDC	V	21 13 20 52.7-3.3	24.00S	178.13W	0	4.5,4.4b			19599231
IDC	Error ellipse: s-maj=143.0km s-min=39.8km az=151.0.								
IDC	V	26 08 53 43.5-67	21.36S	177.12E	0	4.6,4.4b			19599423
IDC	Error ellipse: s-maj=1174.0km s-min=133.3km az=82.0.								
IDC	V	28 09 44 47.1-58	23.14S	178.20W	0	3.8,3.7b			19599509
IDC	Error ellipse: s-maj=1062.0km s-min=160.1km az=87.0.								
IDC	V	28 13 04 43.2-4.2	22.15S	179.53W	0	4.3,4.0b			19599514
IDC	Error ellipse: s-maj=284.3km s-min=47.8km az=158.0.								
IDC	V	29 07 49 18.8-6.4	22.31S	177.04W	0	4.3,4.0			19599539
IDC	Error ellipse: s-maj=293.1km s-min=34.9km az=147.0.								
IDC	V	29 15 34 52.1-66	22.85S	179.53E	0	4.2,4.0b			19599549
IDC	Error ellipse: s-maj=1183.0km s-min=162.2km az=85.0.								
IDC	V	31 19 53 23.4-70	21.14S	179.26E	0	4.1,3.9b			19599631
IDC	Error ellipse: s-maj=1257.0km s-min=159.0km az=83.0.								
ISC	V	01 20 46 27.1-1.8	23.9S-10	180.0W-20	560-20	4.5b	19	13-151	
NEIC	V	01 20 46 25.6-1.8	23.81S	179.88W	549-17	4.8b			19130682
ISCJB	V	01 20 46 27.2-1.9	23.7S-10	180.0E-20	579-23	4.6b			
IDC	V	01 20 46 27.9-1.9	23.87S	179.88E	565-18	4.6,3.7b			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=21.6km s-min=15.1km az=222.0.								

ISCJB	Event type se. Error ellipse: s-maj=30.4km s-min=17.1km az=160.0.								
IDC	V	09 05 04 13.4-3.4	23.65S-09	179.4W-10	382-41	4.0b	17	12-148	
ISC	V	09 05 04 08.9-9.6	23.77S	178.99W	358-88	4.7,4.0			19131057
ISCJB	V	09 05 04 11.4-2.5	23.55S-09	179.4W-10	372-32	4.0b,4.0			
NEIC	V	09 05 04 24.1-5.3	23.51S	179.74W	498-60	4.2b,4.0			
ISC	Event type se.								
IDC	Error ellipse: s-maj=52.2km s-min=36.4km az=64.0.								
ISCJB	Event type se. Error ellipse: s-maj=20.0km s-min=13.6km az=8.3.								
NEIC	Event type se. Error ellipse: s-maj=28.4km s-min=20.9km az=87.0.								
IDC	V	09 08 11 39.0-5.8	24.04S	178.96E	658-79	4.4,3.6			19598683
IDC	Error ellipse: s-maj=51.6km s-min=34.1km az=1.0.								
ISC	V	10 08 57 49.7-4.0	23.6S-20	179.4E-20	548-45	3.8b	10	15-79	
ISCJB	V	10 08 57 46.5-4.3	23.2S-20	179.5E-20	534-51	3.8b			19131159
NEIC	V	10 08 57 46.7-4.3	23.30S	179.48E	519-44	4.1b			
IDC	V	10 08 57 49.3-6.3	23.47S	179.45E	553-79	4.0,3.1			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=32.5km s-min=18.4km az=99.5.								
NEIC	Event type se. Error ellipse: s-maj=49.9km s-min=18.5km az=207.0.								
IDC	Error ellipse: s-maj=42.2km s-min=19.5km az=28.0.								
ISC	V	12 04 13 55.7-2.4	24.38S-05	176.76W-08	60	4.7b	85	5-134	
IDC	V	12 04 13 47.4-7.6	24.26S	176.66W	0	5.0,4.6			18338855
MOS	V	12 04 13 51.1-1.2	24.35S	176.65W	33	4.8b,4.6			
ISCJB	V	12 04 13 54.0-2.4	24.38S-05	176.82W-08	58	4.7b,4.2s			
BJI	V	12 04 13 54.1	24.85S	177.43W	63	5.0s,5.0b			
NEIC	V	12 04 13 56.6-1.6	24.40S	176.75W	70-14	4.7b,5.0b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=26.1km s-min=17.1km az=143.0.								
MOS	Error ellipse: s-maj=17.7km s-min=12.4km az=50.4.								
ISCJB	Event type se. Error ellipse: s-maj=10.9km s-min=6.0km az=47.2.								
NEIC	Event type se. Error ellipse: s-maj=11.0km s-min=7.9km az=130.0.								
ISC	V	14 06 25 13.8-1.2	23.5S-10	179.94W-09	538-15	4.2b	27	6-164	
SZGRF	V	14 06 24 13.4	24.72S	179.27E	33	4.2b			19131401
ISCJB	V	14 06 25 13.3-1.3	23.5S-10	179.99E-09	544-17	4.2b			
IDC	V	14 06 25 13.5-1.5	23.43S	179.96W	530-16	4.5,3.7			
NEIC	V	14 06 25 13.4-7.9	23.43S	179.95W	537-9	4.2b,3.7			
ISC	Event type se.								
SZGRF	South of Fiji Islands.								
ISCJB	Event type se. Error ellipse: s-maj=17.3km s-min=12.7km az=0.3.								
IDC	Error ellipse: s-maj=17.7km s-min=14.3km az=157.0.								
NEIC	Event type se. Error ellipse: s-maj=9.8km s-min=7.9km az=170.0.								
ISC	V	11 07 30 45.4-1.9	26.2S-10	179.7E-40	524-29	4.1b	10	4-42	
ISCJB	V	11 07 30 42.8-2.4	25.9S-20	179.9W-50	547-35	4.1b			19131222
IDC	V	11 07 30 43.4-9.6	26.06S	179.92E	517-52	4.4,3.6			
NEIC	V	11 07 30 46.0-1.9	26.24S	179.60E	521-22	4.3b,3.6			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=71.9km s-min=18.4km az=150.1.								
IDC	Error ellipse: s-maj=159.9km s-min=38.2km az=69.0.								
NEIC	Event type se. Error ellipse: s-maj=55.8km s-min=19.4km az=57.0.								
ISC	V	12 00 02 17.3-3.8	23.4S-20	179.8W-20	496-43	3.7b	13	15-145	
IDC	V	12 00 02 17.4-3.0	23.46S	179.82W	498-32	4.1,3.5			19131268
NEIC	V	12 00 02 17.7-2.7	23.39S	179.86W	503-29	4.2b,3.5			
ISCJB	V	12 00 02 18.2-4.5	23.5S-20	180.0W-20	516-52	3.8b,3.5			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	V	19 01 14 55.9-83	23.63S-07	179.98W-10	564-9	4.3b	48	6-169	
NEIC	V	19 01 14 53.4-87	23.22S	179.97W	530-10	4.4b			18338271
BJI	V	19 01 14 53.4	23.						

NEIC	I	16 21 28 42.7-2.0	24.75S	179.41W	509-21	4.8b,3.9			
ISCJB	I	16 21 28 43.5-2.8	24.8S-20	179.5W-20	530-34	4.4b,3.9			
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	I	17 18 07 59.5-2.1	24.1S-10	179.9E-10	503-24	4.2b	27	13-148	
IDC	I	17 18 07 59.9-2.4	24.01S	179.85E	494-25	4.6,3.9		19482426	
NEIC	I	17 18 07 59.5-1.7	24.02S	179.89E	506-19	4.4b,3.9			
ISCJB	I	17 18 08 00.5-2.4	24.10S-09	179.8E-10	529-28	4.2b,3.9			
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	I	17 20 16 02.1-1.2	23.9S-10	179.9W-10	524-15	4.5b	34	6-148	
NEIC	I	17 20 15 58.1-0.9	23.74S	179.75W	483-12	4.5b		19482464	
ISCJB	I	17 20 16 01.6-1.2	23.91S-09	180.00W-10	534-15	4.5b			
IDC	I	17 20 16 02.6-1.7	23.95S	179.99W	527-21	4.7,3.9b			
ISC		Event type se.							
NEIC		Event type se. Error ellipse: s-maj=13.8km s-min=9.5km az=150.0.							
ISCJB		Event type se. Error ellipse: s-maj=14.8km s-min=13.7km az=118.5.							
IDC		Error ellipse: s-maj=22.7km s-min=16.2km az=176.0.							
ISC	I	18 10 49 34.5-1.4	23.8S-10	180.0E-10	537-18	4.3b	21	6-148	
NEIC	I	18 10 49 32.4-1.4	23.6S-10	179.9E-10	524-18	4.3b		19482689	
ISCJB	I	18 10 49 33.3-1.4	23.62S	179.96W	529-17	4.6b			
IDC	I	18 10 49 35.4-1.8	23.85S	180.00E	558-24	4.6,3.9			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=17.8km s-min=15.9km az=138.6.							
NEIC		Event type se. Error ellipse: s-maj=22.7km s-min=13.9km az=188.0.							
IDC		Error ellipse: s-maj=30.4km s-min=15.5km az=170.0.							
ISC	I	20 09 37 51.5-1.8	22.55S-10	176.6W-10	106-19	4.3b	26	10-171	
ISCJB	I	20 09 37 49.7-2.1	22.50S-09	176.7W-10	101-21	4.3b		19484085	
IDC	I	20 09 37 51.4-3.3	22.51S	176.70W	108-30	4.3,4.1			
NEIC	I	20 09 37 52.0-1.4	22.47S	176.63W	116-14	4.7b,4.1			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=18.9km s-min=14.7km az=50.5.							
IDC		Error ellipse: s-maj=29.5km s-min=18.3km az=124.0.							
NEIC		Event type se. Error ellipse: s-maj=14.9km s-min=10.6km az=109.0.							
ISC	I	22 13 30 14.0-2.4	23.8S-10	179.4W-20	545-39	4.2b	19	15-153	
IDC	I	22 13 30 06.4-3.5	23.55S	179.55W	425-39	4.4,3.6b		19484879	
NEIC	I	22 13 30 09.8-3.5	23.44S	179.45W	490-55	4.3b,3.6b			
ISCJB	I	22 13 30 13.6-2.2	23.6S-10	179.4W-20	568-43	4.2b,3.6b			
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	I	22 17 02 40.4-1.6	23.5S-10	177.2W-20	112-18	3.7b	17	6-149	
ISCJB	I	22 17 02 39.0-1.8	23.5S-10	177.2W-20	111-20	3.7b		19484920	
IDC	I	22 17 02 42.5-3.5	23.42S	177.26W	136-31	4.0,3.8			
NEIC	I	22 17 02 42.7-1.9	23.41S	177.18W	140-18	4.0b,3.8			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=28.6km s-min=13.4km az=68.4.							
IDC		Error ellipse: s-maj=33.0km s-min=16.8km az=139.0.							
NEIC		Event type se. Error ellipse: s-maj=24.7km s-min=12.1km az=129.0.							
ISC	I	24 10 44 34.3-4.6	22.0S-30	176.3W-30	41-38	3.8b,3.7s	11	9-145	
ISCJB	I	24 10 44 32.7-5.5	21.8S-30	176.4W-30	41-46	3.8b,3.7s		19488377	
NEIC	I	24 10 44 35.0-4.6	21.98S	176.31W	50-34	3.8b,3.7s			
IDC	I	24 10 44 36.9-7.9	21.77S	176.42W	63-63	3.9,3.9			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=66.0km s-min=16.2km az=108.2.							
NEIC		Event type se. Error ellipse: s-maj=78.4km s-min=13.6km az=152.0.							
IDC		Error ellipse: s-maj=102.0km s-min=19.4km az=150.0.							
ISC	I	24 13 17 47.3-1.5	23.70S-08	177.80W-06	246-15	4.6b	104	6-169	
MOS	I	24 13 17 35.4-1.0	23.71S	177.62W	145	4.9b		19487198	
BJI	I	24 13 17 38.5	23.57S	177.14W	210	5.0b,4.6b			
NEIC	I	24 13 17 41.8-1.5	23.53S	177.77W	195-14	4.8b,4.6b			
ISCJB	I	24 13 17 45.7-1.7	23.64S-08	177.88W-06	244-16	4.6b,4.6b			
IDC	I	24 13 17 46.4-2.7	23.60S	177.76W	239-24	4.9,4.5			
ISC		Event type se.							
MOS		Error ellipse: s-maj=18.8km s-min=10.7km az=45.1.							
NEIC		Event type se. Error ellipse: s-maj=12.4km s-min=6.0km az=143.0.							
ISCJB		Event type se. Error ellipse: s-maj=13.9km s-min=8.1km az=131.1.							
IDC		Error ellipse: s-maj=18.7km s-min=13.9km az=165.0.							
ISC	I	25 10 07 09.7-1.5	22.56S-10	179.4W-10	559-20	4.0b	20	11-147	
ISCJB	I	25 10 07 09.3-1.5	22.38S-09	179.6W-10	564-22	4.0b		19485820	
IDC	I	25 10 07 09.7-2.4	22.48S	179.47W	560-29	4.4,3.7			
NEIC	I	25 10 07 09.3-1.5	22.46S	179.44W	554-20	4.4b,3.7			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=17.5km s-min=12.1km az=78.6.							
IDC		Error ellipse: s-maj=28.7km s-min=16.2km az=155.0.							
NEIC		Event type se. Error ellipse: s-maj=24.2km s-min=12.3km az=150.0.							
ISC	I	26 11 35 47.9-2.1	23.6S-10	179.8W-10	505-25	4.2b	29	13-148	
IDC	I	26 11 35 47.5-2.4	23.56S	179.82W	499-26	4.6,3.9		19486335	
NEIC	I	26 11 35 47.5-1.6	23.52S	179.79W	500-18	4.5b,3.9			
ISCJB	I	26 11 35 49.9-1.8	23.65S-09	179.94W-10	543-23	4.2b,3.9			
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	I	29 05 27 09.5-1.3	25.7S-10	179.6E-20	537-18	3.7b	12	4-150	
ISCJB	I	29 05 27 07.8-1.4	25.5S-10	179.5E-20	527-18	3.7b		19487402	
NEIC	I	29 05 27 09.4-1.1	25.68S	179.58E	543-14	4.0b			
IDC	I	29 05 27 10.1-4.9	25.71S	179.58E	548-59	4.2,3.6			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=22.5km s-min=16.7km az=50.7.							
NEIC		Event type se. Error ellipse: s-maj=19.3km s-min=13.9km az=165.0.							
IDC		Error ellipse: s-maj=40.9km s-min=23.0km az=19.0.							
IDC	I	18 09 45 36.4-1.0	22.37S	176.39W	63-79	4.0,4.0		19482680	
IDC		Error ellipse: s-maj=167.2km s-min=26.2km az=156.0.							
ISC	I	15 03 04 39.5-1.6	23.95S-03	179.54W-04	467	4.8b	213	5-169	
ORF	I	15 03 03 56.2	23.65S	179.88E	30	6.0b		1948035949	
ISCJB	I	15 03 04 38.4-1.6	23.91S-03	179.60W-04	465	4.8b			
NEIC	I	15 03 04 39.0-1.3	23.94S	179.58W	465	4.8b			
MOS	I	15 03 04 39.7-3.4	23.70S	179.78W	449	5.1b			
BJI	I	15 03 04 39.0	23.90S	179.60W	464	4.9b,4.8b			
IDC	I	15 03 04 39.9-4.5	23.75S	179.62W	465-4	5.2,4.5			
SZGRF	I	15 03 04 41.8	23.50S	178.81W	480	5.2,4.5			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=4.9km s-min=3.4km az=44.4.							
NEIC		Event type se. Error ellipse: s-maj=5.9km s-min=3.4km az=107.0.							
MOS		Error ellipse: s-maj=11.8km s-min=9.5km az=121.2.							
IDC		Error ellipse: s-maj=10.1km s-min=7.7km az=4.0.							
SZGRF		South of Fiji Islands.							
ISC	I	19 01 16 17.4-3.8	22.5S-50	179.3W-40	558-25	4.1b	9	7-147	
IDC	I	19 01 15 11.7-4.0	21.29S	177.51W	0	4.5,4.3b		194819003	
ISCJB	I	19 01 16 16.9-3.8	22.5S-50	179.5W-40	555-26	4.1b,4.3b			
NEIC	I	19 01 16 16.6-1.9	22.36S	179.29W	555-19	4.3b,4.3b			
ISC		Event type se.							
IDC		Error ellipse: s-maj=180.2km s-min=54.4km az=145.0.							
ISCJB		Event type se. Error ellipse: s-maj=91.8km s-min=28.8km az=74.0.							
NEIC		Event type se. Error ellipse: s-maj=35.1km s-min=19.5km az=203.0.							
IDC	I	04 21 06 52.3-7.2	23.34S	177.99W	402-78	4.4,3.7		19477677	
IDC		Error ellipse: s-maj=57.5km s-min=36.3km az=9.0.							
IDC	I	28 05 51 36.5-1.2	23.64S	177.26W	0	4.2,3.9		19488455	
IDC		Error ellipse: s-maj=60.0km s-min=37.3km az=153.0.							
IDC	I	28 05 56 06.4-3.1	24.62S	176.75W	0	4.3,4.1		19488456	
IDC		Error ellipse: s-maj=175.7km s-min=26.5km az=162.0.							
ISC	I	06 00 33 49.9-2.5	25.3S-20	179.8E-20	466-29	4.2b	19	13-148	
ISCJB	I	06 00 33 49.2-3.6	25.3S-20	179.7E-20	468-41	4.2b		19478057	
NEIC	I	06 00 33 50.7-2.3	25.35S	179.83E	486-25	4.6b			
IDC	I	06 00 33 51.4-4.1	25.32S	179.65E	489-46	4.4,3.7			

ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=31.1km s-min=20.1km az=73.6.							
NEIC		Event type se. Error ellipse: s-maj=25.1km s-min=17.6km az=215.0.							
IDC		Error ellipse: s-maj=31.6km s-min=25.4km az=30.0.							
ISC	I	08 19 15 15.9-1.5	23.9S-40	180.0W-20	500	3.9b	11	31-145	
ISCJB	I	08 19 15 14.9-1.5	23.9S-40	180.0E-20	500	3.9b		19479098	
IDC	I	08 19 15 14.1-3.7	23.85S	179.99W	480-34	4.2,3.6			
NEIC	I	08 19 15 20.0-1.1	23.87S	179.84E	550	4.5b,3.6			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=58.7km s-min=19.0km az=137.4.							
IDC		Error ellipse: s-maj=61.3km s-min=25.1km az=158.0.							
NEIC		Event type se. Error ellipse: s-maj=55.1km s-min=17.4km az=160.0.							
ISC	I	08 23 09 29.8-1.3	24.54S-07	180.00W-06	464-15	4.5b	78	13-169	
BJI	I	08 23 09 26.8	24.69S	179.76E	447	4.7b,4.5b		1948035714	
NEIC	I	08 23 09 28.5-87	24.93S	179.99E	447-10	4.6b,4.5b			
ISCJB	I	08 23 09 29.1-1.7	24.47S-07	179.92E-07	465-19	4.5b,4.5b			

ISC	I	31 23 49 42.0-1.1	26.65-10	179.2E-20	532-14	4.2b	16	4-145	ISCJB	VI	20 17 36 40.7-1.9	23.42S-09	179.9W-10	500-33	3.8b,3.5		
NAO	I	31 23 48 41.3	27.55S	178.27E	33	3.7b			NEIC	VI	20 17 36 40.6-1.3	23.50S	179.93W	474-20	3.9b,3.5		
ISCJB	I	31 23 49 41.0-1.1	26.5S-10	179.2E-20	538-15	4.2b			ISC								
IDC	I	31 23 49 41.3-1.7	26.44S	178.24E	530-21	4.5,3.6			Event type se.								
NEIC	I	31 23 49 41.3-88	26.43S	179.27E	533-10	4.9b,3.6			IDC								
ISC									Event type se.								
ISCJB	Event type se.								Error ellipse: s-maj=26.9km s-min=24.2km az=46.0.								
IDC	Error ellipse: s-maj=28.8km s-min=21.5km az=167.0.								Event type se.								
NEIC	Event type se.								Error ellipse: s-maj=21.2km s-min=13.0km az=152.0.								
IDC	Event type se.								Event type se.								
									Error ellipse: s-maj=15.1km s-min=12.7km az=66.0.								
									IDC	VI	23 05 28 10.2-1.8	25.05S	176.16W	0	4.3,4.2b	19600342	
									IDC								
									Error ellipse: s-maj=340.3km s-min=140.0km az=84.0.								
									ISC	VI	23 20 30 07.2-2.8	25.4S-30	179.6E-30	517-20	3.9b	20	12-143
									NEIC	VI	23 20 30 05.1-2.7	25.11S	179.80E	519-24	4.2b		19222507
									ISCJB	VI	23 20 30 06.7-2.9	25.4S-30	179.5E-30	526-24	3.9b		
									IDC	VI	23 20 30 07.4-2.8	25.06S	179.64E	534-31	4.3,3.5		
									Event type se.								
									NEIC	Event type se.							
									Error ellipse: s-maj=36.3km s-min=16.8km az=45.0.								
									Event type se.								
									Error ellipse: s-maj=61.2km s-min=19.3km az=91.9.								
									IDC	Error ellipse: s-maj=39.4km s-min=21.7km az=22.0.							
									NEIC	VI	25 11 29 44.6-7.6	23.19S	179.94E	366-72	3.6b		19222605
									IDC	VI	25 11 29 45.5-9.5	23.25S	179.91E	375-100	4.1,3.5		
									NEIC	Event type se.							
									Error ellipse: s-maj=57.1km s-min=25.0km az=222.0.								
									IDC	Error ellipse: s-maj=58.7km s-min=41.5km az=18.0.							
									IDC	VI	25 12 47 03.8-11	25.26S	179.79E	568-146	3.9,3.0		19600425
									IDC								
									Error ellipse: s-maj=231.4km s-min=84.1km az=72.0.								
									ISC	VI	26 04 43 07.2-1.5	24.3S-20	179.9E-10	555-19	4.0b	14	5-132
									ISCJB	VI	26 04 43 06.2-1.5	24.3S-20	179.8E-10	553-21	4.0b		19222648
									IDC	VI	26 04 43 06.2-2.4	24.58S	179.78E	520-237	4.3,3.4		
									NEIC	VI	26 04 43 07.1-1.1	24.24S	179.88E	552-14	4.3b,3.4		
									Event type se.								
									Event type se.								
									Error ellipse: s-maj=30.3km s-min=19.4km az=163.5.								
									IDC	Error ellipse: s-maj=156.0km s-min=47.7km az=22.0.							
									Event type se.								
									Error ellipse: s-maj=21.5km s-min=13.3km az=174.0.								
									ISC	VI	27 10 49 01.2-2.4	24.3S-20	179.9E-20	549-29	3.8b	13	13-93
									IDC	VI	27 10 49 00.8-2.2	24.29S	179.91E	548-54	4.0,3.4		19222694
									NEIC	VI	27 10 49 01.5-2.2	24.32S	179.89E	555-25	4.2b,3.4		
									ISCJB	VI	27 10 49 02.1-2.6	24.3S-20	179.8E-20	575-35	3.9b,3.4		
									Event type se.								
									Event type se.								
									Event type se.								
									ISC	VI	01 06 12 25.4-86	24.19S-07	179.96W-10	499-10	4.1b	33	5-169
									ISCJB	VI	01 06 12 23.5-86	24.01S-07	179.93E-10	491-11	4.1b		19221269
									NEIC	VI	01 06 12 25.7-83	24.07S	179.99W	506-10	4.4b		
									IDC	VI	01 06 12 27.4-1.9	24.19S	179.89E	518-20	4.3,3.6		
									Event type se.								
									Event type se.								
									Error ellipse: s-maj=15.1km s-min=8.6km az=54.8.								
									Event type se.								
									Error ellipse: s-maj=14.2km s-min=11.3km az=142.0.								
									IDC	Error ellipse: s-maj=21.8km s-min=15.8km az=174.0.							
									ISC	VI	02 15 22 51.4-1.8	24.3S-20	179.2E-20	481-17	4.0b	21	6-85
									ISCJB	VI	02 15 22 49.9-1.8	24.2S-20	179.2E-20	474-17	4.0b		19221330
									NEIC	VI	02 15 22 51.1-1.7	24.28S	179.15E	472-19	4.2b		
									IDC	VI	02 15 22 59.9-3.5	24.82S	179.05E	582-45	4.4,3.4		
									Event type se.								
									Event type se.								
									Error ellipse: s-maj=35.0km s-min=17.1km az=83.1.								
									Event type se.								
									Error ellipse: s-maj=31.3km s-min=17.8km az=47.0.								
									IDC	Error ellipse: s-maj=77.8km s-min=41.9km az=57.0.							
									ISC	IV	01 21 48 48.9-71	23.64S-08	179.97W-06	534-10	4.7b	54	6-159
									MOS	IV	01 21 48 45.9-2.9	23.28S	179.94E	477	4.9b		19503766
									ISCJB	IV	01 21 48 47.8-76	23.58S-07	179.95E-06	534-10	4.7b		
									NEIC	IV	01 21 48 48.9-54	23.58S	179.97W	540-7	4.8b		
									IDC	IV	01 21 48 48.8-54	23.61S	179.99E	535-5	5.1,4.3b		
									Event type se.								
									Event type se.								
									Error ellipse: s-maj=16.9km s-min=12.9km az=10.3.								
									Event type se.								
									Error ellipse: s-maj=11.9km s-min=8.5km az=171.0.								
									IDC	Error ellipse: s-maj=8.5km s-min=5.6km az=171.0.							
									ISC	IV	14 03 30 18.3-14	26.74S-02	177.65W-04	159	5.2b	308	3-168
									SZGRF	IV	14 03 30 08.4	23.45S	178.37W	33	5.2b		11069749
									ORF	IV	14 03 30 14.2	25.94S	179.88E	30	6.2b		
									ISCJB	IV	14 03 30 17.5-14	26.52S-02	177.71W-03	158	5.2b		
									MOS	IV	14 03 30 17.5-1.0	25.91S	177.78W	143	5.2b		
									BJI	IV	14 03 30 18.5	25.54S	177.17W	157	5.6b,5.4b		
									HRVD	IV	14 03 30 20.9-20	25.99S	177.44W	167-1	5.0b,5.4b		
									NEIC	IV	14 03 30 20.9-11	26.00S	177.81W	166	5.5b,5.4b		
									IDC	IV	14 03 30 21.4-62	26.01S	177.77W	169-5	5.4,5.0		
									Event type se.								
									Event type se.								
									South of Fiji Islands.								
									Event type se.								
									Error ellipse: s-maj=4.5km s-min=2.0km az=46.2.								
									MOS	Error ellipse: s-maj=9.3km s-min=7.7km az=84.7.							

Best double couple: NP1:φ:1.00000°,δ:6.00000°,λ:57.00000°; NP2:φ:214.00000°,δ:85.00000°,λ:93.00000°; Principal axes: T 4.6870,Plg50.0000°,AzM128.0000°,N -0.7320,Plg3.0000°; Azm34.0000°; P -3.9540,Plg40.0000°,AzM301.0000°; Mφ4.32000×10¹⁶

SZGRF Tonga Islands

IDC Error ellipse: s-maj=18.0km s-min=10.0km az=131.0.

IDC III 27 10 56 56.0-47 15.2S-10 173.6W-20 35 4.1b,3.7s 25 2-146
 IDC III 27 10 56 50.4-70 15.10S 173.58W 0 4.3,4.2
 NEIC III 27 10 56 52.0-34 15.10S 173.60W 10 4.4b,4.2
 ISCJB III 27 10 56 53.9-47 15.1S-10 173.6W-10 33 4.1b,3.7s

ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.

ISC III 30 12 19 46.3-30 20.31S-07 174.01W-07 36 4.7b,4.1s 90 7-152
 IDC III 30 12 19 38.7-1.1 20.74S 173.89W 0 4.6,4.5
 ISCJB III 30 12 19 44.4-30 20.36S-07 174.04W-07 34 4.7b,4.1s
 NEIC III 30 12 19 46.1-25 20.19S 174.16W 34 4.8b,4.1s
 BJI III 30 12 19 46.2 20.21S 174.21W 33 5.3b,5.2s
 MOS III 30 12 19 48.9-2.6 19.21S 174.51W 33 4.8b,5.2s

ISC Event type se.
 IDC Error ellipse: s-maj=53.2km s-min=13.4km az=153.0.
 ISCJB Event type se. Error ellipse: s-maj=12.5km s-min=6.4km az=105.6.
 NEIC Event type se. Error ellipse: s-maj=11.8km s-min=5.9km az=136.0.
 MOS Error ellipse: s-maj=16.0km s-min=11.1km az=135.4.

IDC III 02 13 06 19.2-2.5 15.56S 175.85W 0 4.4,4.2
 IDC Error ellipse: s-maj=150.7km s-min=21.6km az=148.0.
 IDC III 05 02 10 31.5-8.1 17.07S 174.93W 0 3.9,3.7b
 IDC Error ellipse: s-maj=416.6km s-min=25.2km az=144.0.
 IDC III 05 12 11 10.2-5.1 17.80S 175.25W 80-42 3.4,3.3
 IDC Error ellipse: s-maj=148.2km s-min=25.5km az=140.0.
 IDC III 11 07 28 00.4-2.1 15.30S 174.54W 0 4.1,4.0
 IDC Error ellipse: s-maj=136.1km s-min=20.6km az=152.0.
 IDC III 11 14 37 15.4-3.5 17.53S 174.99W 229-35 3.8,3.4
 IDC Error ellipse: s-maj=157.4km s-min=25.5km az=139.0.
 IDC III 13 13 05 26.1-2.4 15.08S 173.44W 0 4.2,3.9
 IDC Error ellipse: s-maj=150.7km s-min=20.0km az=150.0.
 IDC III 14 08 21 08.7-3.2 16.60S 173.80W 61-32 4.7s,4.7
 IDC Error ellipse: s-maj=47.6km s-min=18.6km az=131.0.
 IDC III 16 10 01 07.5-7.2 19.17S 175.91W 0 4.3,4.0b
 IDC Error ellipse: s-maj=311.1km s-min=36.2km az=143.0.
 IDC III 16 12 25 38.7-1.0 19.63S 174.83W 0 4.3L,4.1
 IDC Error ellipse: s-maj=33.2km s-min=20.4km az=124.0.
 IDC III 18 14 34 39.8-2.4 16.53S 174.59W 0 4.2,4.1
 IDC Error ellipse: s-maj=138.1km s-min=20.2km az=145.0.
 IDC III 18 15 57 52.0-3.1 16.20S 174.63W 283-17 4.0,3.7
 IDC Error ellipse: s-maj=178.1km s-min=20.0km az=147.0.
 IDC III 19 09 43 30.4-5.1 16.03S 175.94W 0 4.3,4.0
 IDC Error ellipse: s-maj=214.9km s-min=66.1km az=164.0.
 IDC III 19 15 11 38.0-1.8 16.83S 173.18W 46-6 3.9,3.8
 IDC Error ellipse: s-maj=114.9km s-min=16.5km az=148.0.
 IDC III 20 15 33 36.8-7.2 17.93S 175.41W 43-46 3.7,3.7
 IDC Error ellipse: s-maj=272.8km s-min=26.0km az=140.0.
 IDC III 21 11 31 55.2-2.1 15.33S 175.19W 0 4.1,4.0s
 IDC Error ellipse: s-maj=125.0km s-min=20.1km az=145.0.
 IDC III 24 02 43 02.3-6.9 17.73S 173.78W 84-39 4.2,4.0
 IDC Error ellipse: s-maj=186.6km s-min=24.5km az=137.0.
 IDC III 25 09 26 35.4-4.2 17.73S 174.92W 234-36 3.6,3.2
 IDC Error ellipse: s-maj=183.2km s-min=27.1km az=139.0.
 IDC III 30 22 37 13.2-1.6 16.58S 175.97W 354-41 4.1,3.5
 NEIC III 30 22 37 13.7-1.4 16.81S 175.86W 368-34 3.5b,3.5
 IDC Error ellipse: s-maj=161.2km s-min=21.5km az=140.0.
 NEIC Event type se. Error ellipse: s-maj=153.5km s-min=22.2km az=141.0.
 ISC VI 07 11 28 42.6-34 20.74S-08 174.0W-10 35 4.5b,3.7s 46 7-151
 IDC VI 07 11 28 37.4-69 20.64S 174.00W 0 4.5,4.4
 ISCJB VI 07 11 28 40.7-34 20.72S-08 174.1W-10 33 4.5b,3.7s
 MOS VI 07 11 28 41.0-95 20.67S 174.08W 33 4.8b,3.7s
 BJI VI 07 11 28 42.9 21.28S 174.29W 58 5.2s,5.1b
 NEIC VI 07 11 28 43.6-32 20.67S 174.10W 44 4.6b,5.1b

ISC Event type se.
 IDC Error ellipse: s-maj=31.5km s-min=20.3km az=123.0.
 ISCJB Event type se. Error ellipse: s-maj=15.8km s-min=9.4km az=73.6.
 MOS Error ellipse: s-maj=25.5km s-min=17.3km az=54.5.
 NEIC Event type se. Error ellipse: s-maj=16.1km s-min=8.6km az=132.0.
 ISC VI 10 03 33 50.2-1.3 18.02S-09 175.29W-09 174-14 4.5b 31 5-152
 ISCJB VI 10 03 33 49.6-1.4 17.99S-10 175.38W-09 183-15 4.5b
 IDC VI 10 03 33 51.8-2.4 18.05S 175.41W 185-23 4.5,4.1
 NEIC VI 10 03 33 53.0-96 18.02S 175.38W 200-9 4.4b,4.1

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=18.4km s-min=11.0km az=97.8.
 IDC Error ellipse: s-maj=25.6km s-min=16.2km az=119.0.
 NEIC Event type se. Error ellipse: s-maj=11.6km s-min=6.6km az=136.0.
 ISC VI 11 16 28 15.9-1.1 16.05S-30 174.9W-20 276-14 4.1b 22 4-146
 ISCJB VI 11 16 28 14.5-1.1 16.05S-30 174.9W-20 279-14 4.1b
 IDC VI 11 16 28 16.0-1.9 16.14S 174.86W 281-18 4.2,3.8
 NEIC VI 11 16 28 16.2-98 16.08S 174.88W 285-9 4.2b,3.8

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=54.7km s-min=15.4km az=111.7.
 IDC Error ellipse: s-maj=46.0km s-min=14.4km az=149.0.
 NEIC Event type se. Error ellipse: s-maj=30.7km s-min=9.0km az=148.0.
 ISC VI 13 15 40 35.9-75 15.65S-20 174.8W-10 35 4.7s,4.0b 14 3-148
 IDC VI 13 15 40 31.5-96 15.56S 175.28W 0 4.6s,4.6
 ISCJB VI 13 15 40 32.6-77 15.35S-30 174.9W-20 33 4.7s,4.0b
 HRVD VI 13 15 40 33.8-20 15.44S 174.94W 20-0 5.2W,4.0b
 NEIC VI 13 15 40 33.9-85 15.63S 175.25W 15 4.5b,4.0b

ISC Event type se.
 IDC Error ellipse: s-maj=47.0km s-min=23.4km az=141.0.
 ISCJB Event type se. Error ellipse: s-maj=45.6km s-min=8.2km az=129.5.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s56,c80; Mantle waves: s94,c161; Half duration: 1s0 Moment tensor: Scale 10¹⁶Nm; Mr:0.33±.19 Mφ:1.16±.18; Mφ:1.49±.18; Mφ:0.61±.33; Mφ:8.67±.16; Mφ:0.32±.33; Best double couple: NP1:φ:4.00000°,δ:86.00000°,λ:178.00000°; NP2:φ:274.00000°,δ:88.00000°,λ:4.00000°; Principal axes: T 8.6130,Plg2.0000°,AzM319.0000°; N 0.3670,Plg86.0000°,AzM73.0000°; P -8.9800,Plg4.0000°,AzM229.0000°; Mφ:8.79600×10¹⁶

NEIC Event type se. Error ellipse: s-maj=41.2km s-min=21.3km az=139.0.
 ISC VI 14 17 23 24.8-80 17.69S-10 173.2W-20 35 4.5b,3.7s 16 4-148
 NEIC VI 14 17 23 21.8-98 17.72S 173.37W 10 4.5b,3.7s
 ISCJB VI 14 17 23 22.6-79 17.67S-10 173.3W-20 33 4.5b,3.7s
 IDC VI 14 17 23 24.0-88 18.07S 173.91W 0 4.3,4.2

ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=30.0km s-min=16.1km az=115.0.
 ISCJB Event type se. Error ellipse: s-maj=27.3km s-min=8.6km az=51.8.
 IDC Error ellipse: s-maj=38.2km s-min=23.0km az=132.0.
 ISC VI 15 18 10 25.5-24 15.44S-07 175.18W-05 35 5.1s,4.9b 187 4-176

IDC VI 15 18 10 20.1-64 15.49S 175.13W 0 5.0s,5.0
 BJI VI 15 18 10 20.5 15.40S 175.10W 10 5.4s,5.3b
 NEIC VI 15 18 10 21.6-24 15.43S 175.14W 10 5.1s,5.1b
 HRVD VI 15 18 10 21.6-10 15.47S 174.87W 12 5.6W,5.1b
 ISCJB VI 15 18 10 23.4-24 15.40S-07 175.20W-05 33 5.1s,4.9b
 MOS VI 15 18 10 23.8-1.2 15.25S 175.40W 33 5.3b,5.2s

ISC Event type se.
 IDC Error ellipse: s-maj=28.1km s-min=17.3km az=135.0.
 NEIC Event type se. Error ellipse: s-maj=13.5km s-min=6.0km az=143.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s89,c160; Mantle waves: s107,c267; Half duration: 1s0 Moment tensor: Scale 10¹⁷Nm; Mr:0.17±.03 Mφ:2.38±.03; Mφ:2.20±.02; Mφ:0.34±.08; Mφ:1.45±.03; Mφ:0.31±.08; Best double couple: NP1:φ:29.00000°,δ:80.00000°,λ:177.00000°; NP2:φ:299.00000°,δ:87.00000°,λ:10.00000°; Principal axes: T 8.2800,Plg5.0000°,AzM344.0000°; N -0.1320,Plg80.0000°,AzM102.0000°; P -2.6820,Plg9.0000°,AzM253.0000°; Mφ:2.75100×10¹⁷

ISCJB Event type se. Error ellipse: s-maj=11.7km s-min=5.3km az=117.2.
 MOS Error ellipse: s-maj=17.3km s-min=11.1km az=55.9.
 ISC VI 17 17 02 58.9-68 15.3S-10 173.5W-10 35 4.5b,4.0s 30 2-146
 IDC VI 17 17 02 54.4-1.4 15.43S 173.68W 0 4.6,4.5
 NEIC VI 17 17 02 55.3-47 15.30S 173.61W 10 4.7b,4.5
 ISCJB VI 17 17 02 57.0-67 15.3S-10 173.7W-10 33 4.5b,4.0s
 MOS VI 17 17 02 58.0-1.4 15.30S 173.69W 33 4.7b,4.0s

ISC Event type se.
 IDC Error ellipse: s-maj=39.9km s-min=32.2km az=95.0.
 NEIC Event type se. Error ellipse: s-maj=18.7km s-min=12.4km az=118.0.
 ISCJB Event type se. Error ellipse: s-maj=19.9km s-min=15.2km az=54.3.
 MOS Error ellipse: s-maj=31.2km s-min=22.4km az=68.5.
 ISC VI 18 14 07 47.3-1.1 19.8S-20 174.4W-20 35 3.8b 10 6-150
 ISCJB VI 18 14 07 44.7-1.2 19.9S-20 174.4W-20 33 3.8b
 IDC VI 18 14 07 44.1-3.6 19.72S 174.74W 0 3.9,3.8
 NEIC VI 18 14 07 46.5-82 19.89S 174.52W 25 4.0b,3.8

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=35.1km s-min=15.4km az=73.7.
 IDC Error ellipse: s-maj=157.7km s-min=28.0km az=138.0.
 NEIC Event type se. Error ellipse: s-maj=33.4km s-min=14.3km az=133.0.
 ISC VI 18 14 09 21.0-1.7 20.29S-09 173.9W-10 37-23 4.2b 28 7-151
 IDC VI 18 14 09 18.7-83 20.24S 174.46W 0 4.4L,4.3
 ISCJB VI 18 14 09 20.2-2.6 20.2S-10 173.8W-10 60-33 4.2b,4.3
 MOS VI 18 14 09 21.9-1.3 20.02S 174.44W 33 4.7b,4.3
 NEIC VI 18 14 09 25.7-50 20.21S 174.52W 50 4.6b,4.3

ISC Event type se.
 IDC Error ellipse: s-maj=32.0km s-min=21.2km az=129.0.
 ISCJB Event type se. Error ellipse: s-maj=20.9km s-min=17.1km az=170.7.
 MOS Error ellipse: s-maj=25.8km s-min=18.0km az=50.5.
 NEIC Event type se. Error ellipse: s-maj=17.0km s-min=13.3km az=121.0.
 ISC VI 18 22 26 14.5-4.2 17.65S-07 173.3W-10 21-30 4.4b 24 4-151
 IDC VI 18 22 26 11.5-98 17.61S 173.34W 0 4.5,4.5
 ISCJB VI 18 22 26 14.5-47 17.71S-08 173.26W-10 33 4.4b,4.5
 NEIC VI 18 22 26 19.5-63 18.08S 173.67W 35 4.6b,4.5
 MOS VI 18 22 26 20.2-1.8 18.52S 173.90W 33 4.7b,4.5

ISC Event type se.
 IDC Error ellipse: s-maj=34.3km s-min=23.5km az=123.0.
 ISCJB Event type se. Error ellipse: s-maj=13.8km s-min=10.9km az=57.9.
 NEIC Event type se. Error ellipse: s-maj=24.3km s-min=21.4km az=136.0.
 MOS Error ellipse: s-maj=28.1km s-min=19.0km az=135.5.
 ISC VI 19 00 39 55.5-3.4 18.8S-80 175.6W-70 35 4.0b 7 6-174
 IDC VI 19 00 39 50.8-2.6 18.69S 175.73W 0 4.3,4.1b
 ISCJB VI 19 00 39 53.3-3.3 18.7S-80 175.7W-70 33 4.0b,4.1b
 NEIC VI 19 00 39 56.0-5.6 18.65S 175.67W 40-51 3.9b,4.1b

ISC Event type se.
 IDC Error ellipse: s-maj=132.0km s-min=30.8km az=144.0.
 ISCJB Event type se. Error ellipse: s-maj=148.0km s-min=15.5km az=102.7.
 NEIC Event type se. Error ellipse: s-maj=111.4km s-min=21.9km az=157.0.
 ISC VI 19 10 14 23.3-72 20.1S-10 173.4W-10 35 4.4b 14 6-151
 ISCJB VI 19 10 14 20.8-73 20.1S-10 173.4W-10 33 4.4b
 MOS VI 19 10 14 21.6-2.3 20.15S 173.40W 33 5.0b
 NEIC VI 19 10 14 23.0-72 19.87S 174.03W 10 4.8b
 IDC VI 19 10 14 22.2-1.3 20.01S 174.15W 0 4.4L,4.4

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=17.3km s-min=13.2km az=108.4.
 MOS Error ellipse: s-maj=25.2km s-min=21.0km az=168.8.
 NEIC Event type se. Error ellipse: s-maj=26.1km s-min=13.7km az=120.0.
 IDC Error ellipse: s-maj=47.2km s-min=27.7km az=134.0.
 ISC VI 19 19 08 35.5-4.5 18.4S-70 174.4W-80 150 4.4b 15 5-149
 ISCJB VI 19 19 08 33.7-4.4 18.4S-70 174.4W-80 150 4.4b
 IDC VI 19 19 08 38.3-3.2 18.49S 174.55W 170-20 4.3b
 NEIC VI 19 19 08 38.2-4.9 18.49S 174.58W 164-33 4.6,4.2

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=140.7km s-min=9.7km az=81.6.
 IDC Event type se. Error ellipse: s-maj=83.6km s-min=12.4km az=146.0.
 HRVD Error ellipse: s-maj=118.5km s-min=20.8km az=144.0.
 ISC VI 19 20 53 40.4-14 17.83S-04 175.14W-03 260 4.9b 290 5-174
 MOS VI 19 20 53 37.3-2.2 17.67S 175.15W 228 5.1b
 ISCJB VI 19 20 53 38.6-14 17.84S-04 175.16W-03 258 4.9b
 IDC VI 19 20 53 39.5-58 17.73S 175.19W 251-5 5.2,4.7
 BJI VI 19 20 53 39.9 17.70S 175.20W 256 4.7b,4.6b
 HRVD VI 19 20 53 39.9-50 17.54S 174.70W 282-4 5.2W,4.6b
 NEIC VI 19 20 53 39.9-16 17.72S 175.19W 256 4.9b,4.6b

ISC Event type se.
 MOS Error ellipse: s-maj=11.4km s-min=7.5km az=142.7.
 ISCJB Event type se. Error ellipse: s-maj=5.5km s-min=3.2km az=109.7.
 IDC Error ellipse: s-maj=14.2km s-min=9.7km az=145.0.
 HRVD Error ellipse: s-maj=3.3km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s28,c31; Mantle waves: s54,c71; Half duration: 0 Moment tensor: Scale 10¹⁶Nm; Mr:0.56±.36 Mφ:0.92±.35; Mφ:1.48±.34; Mφ:0.31±.35; Mφ:3.95±.27; Mφ:6.01±.31; Best double couple: NP1:φ:277.00000°,δ:84.00000°,λ:15.00000°; NP2:φ:182.00000°,δ:87.00000°,λ:123.00000°; Principal axes: T 6.7040,Plg39.0000°,AzM122.0000°; N 1.0980,Plg33.0000°,AzM0.0000°; P -7.8000,Plg34.0000°,AzM244.0000°; Mφ:2.5200×10¹⁶

NEIC Event type se. Error ellipse: s-maj=7.7km s-min=3.9km az=149.0.
 ISC VI 22 18 55 39.5-1.7 19.85S-08 175.4W-20 117-20 4.6b 34 7-150
 ISCJB VI 22 18 55 37.8-1.9 19.80S-09 175.5W-20 117-22 4.6b
 BJI VI 22 18 55 39.0 19.80S 175.40W 117 5.0b,4.8b
 NEIC VI 22 18 55 39.2-1.4 19.81S 175.42W 117-13 4.8b,4.8b
 IDC VI 22 18 55 42.4-3.3 19.91S 175.55W 138-29 4.6,4.2

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=24.4km s-min=14.3km az=5.0.
 NEIC Event type se. Error ellipse: s-maj=15.1km s-min=10.5km az=127.0.
 IDC Error ellipse: s-maj=21.3km s-min=20.3km az=117.0.
 ISC VI 01 05 15 18.6-33 21.27S-07 174.42W-08 35 4.6b,3.9s 60 8-152
 ISCJB VI 01 05 15 16.7-33 21.23S-06 174.48W-08 33 4.6b,3.9s
 MOS VI 01 05 15 16.6-63 21.17S 174.56W 31 4.8b,3.9s
 IDC VI 01 05 15 17.3-4.1 21.31S 174.51W 27-28 4.5,4.5
 BJI VI 01 05 15 20.0 21.20S 174.50W 50 5.2b,5.1b
 NEIC VI 01 05 15 20.0-28 21.23S 174.52W 50 4.6b,5.1b

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.0km s-min=7.0km az=66.1.
 MOS Error ellipse: s-maj=20.4km s-min=15.0km az=149.2.
 IDC Error ellipse: s-maj=24.0km s-min=10.8km az=116.0.
 NEIC Event type se. Error ellipse: s-maj=12.1km s-min=7.2km az=132.0.
 ISC VI 01 14 03 12.3-20 16.02S-06 173.09W-06 31 4.7b,4.2s 205 2-174
 BJI VI 01 14 03 05.1 16.90S 172.22W 29 5.3b,5.0b
 IDC VI 01 14 03 07.2-48 16.04S 173.00W 0 4.6,4.5
 ISCJB VI 01 14 03 10.1-20 16.02S-06 173.10W-06 29 4.7b,4.2s
 HRVD VI 01 14 03 11.8-60 16.79S 172.50W 27-1 4.9W,4.2s
 NEIC VI 01 14 03 11.8-15 16.03S 173.11W 30 4.9b,4.2s
 MOS VI 01 14 03 12.5-2.0 16.06S 172.37W 27 5.0b,4.2s
 SZGRF VI 01 14 03 13.4 16.45S 173.37W 33 5.0b,4.2s

ISC	II	09 05 41 13.8-36	21.54S-09	174.8W-10	35	5.1s,4.8b	49	8-171
IDC	II	09 05 41 07.7-56	21.61S	174.59W	0	5.0,5.0s		
BJI	II	09 05 41 09.0	21.50S	174.80W	10	5.4s,5.3b		
NEIC	II	09 05 41 11.4-8.0	21.48S	174.82W	20-48	4.7b,5.3b		
SZGRF	II	09 05 41 11.7	22.00S	172.75W	33	5.1b,5.3b		
ISCJB	II	09 05 41 12.0-35	21.53S-09	174.8W-10	33	5.1s,4.8b		
ISC	Event type se.							
NEIC	Event type se.							
SZGRF	Tonga Islands region.							
ISCJB	Event type se.							
ISC	II	11 06 42 54.2-3.5	16.4S-70	174.3W-50	118-24	3.8b	9	4-146
IDC	II	11 06 42 39.2-2.1	16.37S	174.26W	0	4.2,3.9b		
ISCJB	II	11 06 42 52.9-3.4	16.3S-80	174.4W-50	121-24	3.8b,3.9b		
NEIC	II	11 06 42 53.6-2.6	16.60S	174.25W	120-16	4.1b,3.9b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=160.7km s-min=23.7km az=148.0.							
ISCJB	Event type se. Error ellipse: s-maj=148.4km s-min=19.0km az=116.0.							
NEIC	Event type se. Error ellipse: s-maj=96.8km s-min=13.0km az=148.0.							
IDC	II	11 07 39 39.3-3.8	15.82S	173.31W	0	4.2,3.9		
IDC	Error ellipse: s-maj=248.0km s-min=23.7km az=150.0.							
ISC	II	12 23 53 00.3-48	15.4S-10	173.22W-09	35	4.3b,3.8s	21	2-152
IDC	II	12 23 52 55.2-69	15.23S	173.40W	0	4.6,4.5		
NEIC	II	12 23 52 56.6-39	15.35S	173.27W	10	4.7b,4.5		
ISCJB	II	12 23 52 58.9-52	15.2S-20	173.5W-10	33	4.3b,3.8s		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	II	13 10 26 47.6-65	21.7S-10	173.85W-09	35	4.5b,3.8s	24	8-152
ISCJB	II	13 10 26 44.7-68	21.8S-10	173.82W-10	33	4.5b,3.8s		
IDC	II	13 10 26 46.1-88	21.59S	174.41W	0	4.5,4.4		
NEIC	II	13 10 26 55.0-4.3	21.73S	174.51W	67-38	4.6b,4.4		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=17.4km s-min=11.1km az=122.6.							
IDC	Error ellipse: s-maj=32.4km s-min=19.3km az=138.0.							
NEIC	Event type se. Error ellipse: s-maj=20.2km s-min=18.2km az=177.0.							
IDC	II	14 13 15 11.4-1.2	15.40S	174.94W	293-16	4.0,3.6		
IDC	Error ellipse: s-maj=77.6km s-min=12.6km az=147.0.							
ISC	II	14 22 55 44.0-3.0	15.5S-80	173.3W-70	35	3.9b,3.7s	7	2-146
NEIC	II	14 22 55 41.0-2.9	15.53S	173.39W	10	4.5b,3.7s		
IDC	II	14 22 55 40.2-4.1	15.33S	173.60W	0	4.0,3.9		
ISCJB	II	14 22 55 42.8-3.0	15.4S-80	173.5W-70	33	3.9b,3.7s		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
IDC	II	15 03 30 20.1-2.7	15.75S	173.02W	0	4.2,4.0		
IDC	Error ellipse: s-maj=152.8km s-min=23.6km az=148.0.							
IDC	II	15 06 45 01.4-10	18.42S	175.33W	0	4.0,3.7b		
IDC	Error ellipse: s-maj=454.1km s-min=37.7km az=142.0.							
IDC	II	15 13 33 43.5-56	16.85S	174.75W	0	4.2,4.0		
IDC	Error ellipse: s-maj=1062.0km s-min=174.3km az=79.0.							
ISC	II	15 16 37 31.3-87	15.2S-20	173.1W-20	35	4.2b,3.5s	10	2-146
IDC	II	15 16 37 27.1-1.3	15.29S	173.28W	0	4.3,4.2		
NEIC	II	15 16 37 28.2-83	15.23S	173.27W	10	4.3,4.2		
ISCJB	II	15 16 37 29.5-79	15.1S-20	173.3W-20	33	4.2b,3.5s		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	II	15 22 26 19.0-2.4	18.7S-20	174.9W-20	91-24	4.3b	15	6-149
ISCJB	II	15 22 26 16.6-2.7	18.7S-20	175.0W-20	83-28	4.3b		
IDC	II	15 22 26 19.2-6.9	18.55S	175.00W	90-40	4.1,4.1		
NEIC	II	15 22 26 19.0-1.4	18.59S	174.98W	92-13	4.8b,4.1		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=37.7km s-min=19.7km az=96.0.							
IDC	Error ellipse: s-maj=171.1km s-min=21.4km az=146.0.							
NEIC	Event type se. Error ellipse: s-maj=22.1km s-min=10.1km az=135.0.							
IDC	II	16 06 10 48.0-1.2	18.94S	174.55W	0	4.2,4.0		
IDC	Error ellipse: s-maj=45.8km s-min=21.5km az=125.0.							
ISC	II	16 08 16 51.1-1.9	16.4S-20	174.2W-20	104-21	3.8b	12	3-84
ISCJB	II	16 08 16 49.3-2.0	16.4S-20	174.3W-20	99-22	3.8b		
IDC	II	16 08 16 51.6-2.8	16.48S	174.22W	109-28	4.0,3.9		
NEIC	II	16 08 16 51.6-1.5	16.45S	174.24W	108-16	4.0b,3.9		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=39.9km s-min=18.8km az=80.8.							
IDC	Error ellipse: s-maj=45.4km s-min=17.3km az=135.0.							
NEIC	Event type se. Error ellipse: s-maj=26.6km s-min=14.0km az=130.0.							
IDC	II	17 01 35 05.8-11	15.69S	173.05W	0	3.7s,3.7		
IDC	Error ellipse: s-maj=490.9km s-min=25.2km az=139.0.							
ISC	II	17 10 02 00.1-58	21.8S-10	175.05W-10	35	4.3b,3.9s	26	8-152
ISCJB	II	17 10 01 57.0-66	21.7S-10	175.0W-10	33	4.3b,3.9s		
IDC	II	17 10 01 56.9-69	21.68S	175.40W	0	4.4,4.3		
NEIC	II	17 10 01 59.1-50	21.60S	175.41W	15	4.6b,4.3		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=17.1km s-min=11.2km az=111.8.							
IDC	Error ellipse: s-maj=33.6km s-min=17.4km az=135.0.							
NEIC	Event type se. Error ellipse: s-maj=19.1km s-min=10.9km az=129.0.							
IDC	II	17 11 25 10.0-3.4	16.60S	175.20W	170-56	3.7,3.4		
IDC	Error ellipse: s-maj=334.7km s-min=23.3km az=142.0.							
ISC	II	17 23 16 41.1-1.6	15.5S-90	174.5W-60	123-23	3.9b	10	3-146
ISCJB	II	17 23 16 38.9-1.9	15.7S-90	174.5W-60	123-21	3.9b		
IDC	II	17 23 16 39.8-2.8	15.95S	174.25W	121-17	4.0,3.9		
NEIC	II	17 23 16 42.3-1.5	16.01S	174.21W	150	3.9b,3.9		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=178.5km s-min=16.0km az=117.5.							
IDC	Error ellipse: s-maj=119.9km s-min=14.6km az=147.0.							
NEIC	Event type se. Error ellipse: s-maj=95.8km s-min=13.5km az=149.0.							
IDC	II	18 13 36 31.1-25	16.63S	173.12W	0	4.5,4.3b		
IDC	Error ellipse: s-maj=478.1km s-min=163.9km az=71.0.							
ISC	II	19 12 34 37.5-1.8	18.0S-10	174.6W-10	72-18	4.1b	21	5-93
ISCJB	II	19 12 34 35.2-2.1	17.9S-10	174.7W-10	63-21	4.2b		
IDC	II	19 12 34 37.3-3.5	18.01S	174.65W	71-34	4.1,4.0		
NEIC	II	19 12 34 37.5-1.4	18.00S	174.63W	72-14	4.4b,4.0		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=29.1km s-min=12.7km az=83.7.							
IDC	Error ellipse: s-maj=48.3km s-min=17.4km az=135.0.							
NEIC	Event type se. Error ellipse: s-maj=19.2km s-min=9.4km az=134.0.							
IDC	II	20 00 45 36.2-3.0	15.70S	174.07W	140-28	3.5,3.3		
IDC	Error ellipse: s-maj=160.6km s-min=22.4km az=146.0.							
IDC	II	20 02 00 49.6-5.7	18.15S	174.40W	0	4.1,4.0b		
IDC	Error ellipse: s-maj=234.5km s-min=61.1km az=139.0.							
ISC	II	20 11 05 26.0-59	18.5S-10	173.7W-10	35	4.5b,4.1s	30	5-149
IDC	II	20 11 05 20.2-99	18.66S	173.66W	0	4.5,4.3		
ISCJB	II	20 11 05 24.4-61	18.6S-10	173.86W-10	33	4.5b,4.1s		
NEIC	II	20 11 05 30.8-5.5	18.81S	173.67W	82-48	4.9b,4.1s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=41.5km s-min=18.4km az=140.0.							
ISCJB	Event type se. Error ellipse: s-maj=23.1km s-min=11.0km az=97.0.							
NEIC	Event type se. Error ellipse: s-maj=21.9km s-min=17.5km az=146.0.							
ISC	II	22 08 25 49.7-1.3	17.0S-20	175.0W-20	245-20	4.2b	19	4-146
ISCJB	II	22 08 25 48.4-1.4	16.9S-10	175.2W-20	237-21	4.2b		
NEIC	II	22 08 25 50.0-1.0	16.99S	175.09W	242-13	4.1b		

IDC	II	22 08 25 50.0-2.0	17.07S	175.09W	242-21	4.7,4.2		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=28.6km s-min=19.7km az=72.3.							
NEIC	Event type se. Error ellipse: s-maj=26.2km s-min=12.0km az=136.0.							
IDC	Error ellipse: s-maj=25.0km s-min=17.1km az=115.0.							
IDC	II	23 02 08 25.1-8.8	15.35S	173.05W	0	4.0,3.7b		
IDC	Error ellipse: s-maj=443.3km s-min=26.4km az=142.0.							
IDC	II	23 17 07 44.9-3.7	21.76S	175.17W	0	4.2,3.9b		
IDC	Error ellipse: s-maj=210.2km s-min=26.9km az=155.0.							
ISC	II	24 07 16 03.5-1.0	17.5S-20	173.4W-20	10	4.0b	11	4-84
ISCJB	II	24 07 16 02.0-1.1	17.4S-20	173.5W-20	10	4.0b		
IDC	II	24 07 16 01.4-1.1	17.70S	173.29W	0	4.1,4.0		
NEIC	II	24 07 16 02.8-75	17.65S	173.31W	10	4.4b,4.0		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=40.3km s-min=9.0km az=77.8.							
IDC	Error ellipse: s-maj=49.8km s-min=19.2km az=133.0.							
NEIC	Event type se. Error ellipse: s-maj=30.0km s-min=11.1km az=130.0.							
IDC	II	24 10 03 11.6-1.8	15.90S	173.41W	0	4.0,3.8		
IDC	Error ellipse: s-maj=58.7km s-min=31.4km az=120.0.							
ISC	II	24 10 53 50.4-1.8	15.4S-50	173.4W-40	35	3.8b,3.4s	12	2-90
IDC	II	24 10 53 41.6-2.3	16.71S	172.70W	0	4.0,3.9		
NEIC	II	24 10 53 44.7-1.8	15.83S	173.19W	10	4.4b,3.9		
ISCJB	II	24 10 53 48.0-1.9	15.4S-60	173.5W-50	33	3.8b,3.4s		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
IDC	II	25 07 06 30.3-8.2	16.05S	173.52W	0	3.7,3.5b		
IDC	Error ellipse: s-maj=387.9km s-min=28.8km az=141.0.							
ISC	II	25 17 23 19.5-1.4	17.62S-09	175.1W-10	239-13	4.5b	46	5-148
BJI	II	25 17 23 17.8	18.25S	175.38W	236	4.9b,4.6b		
ISCJB	II	25 17 23 18.4-1.4	17.57S-10	175.2W-10	237-13	4.5b,4.6b		
MOS	II	25 17 23 18.9-1.1	17.32S	175.40W	231	4.6b,4.6b		
NEIC	II	25 17 23 18.6-1.1	17.58S	175.17W	230-11	4.6b,4.6b		
IDC	II	25 17 23 19.1-2.0	17.61S	175.18W	235-18	4.7,4.2		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=20.8km s-min=10.7km az=81.2.							
MOS	Error ellipse: s-maj=18.6km s-min=13.3km az=156.7.							
NEIC	Event type se. Error ellipse: s-maj=17.5km s-min=9.1km az=140.0.							
IDC	Error ellipse: s-maj=21.3km s-min=11.8km az=122.0.							
IDC	IV	01 07 20 39.0-58	16.26S	173.11W	0	4.4,4.2b		
IDC	Error ellipse: s-maj=1112.0km s-min=176.1km az=79.0.							
IDC	IV	01 19 29 55.2-29	21.87S	174.13W</				

MOS	V	10 02 16 29.5-1.3	21.22S	174.26W	33	5.4b,5.0s			
BJI	V	10 02 16 29.1	21.00S	174.74W	22	5.8s,5.5b			
NEIC	V	10 02 16 30.0-1.4	21.32S	174.60W	37-12	5.2b,5.5b			
HRVD	V	10 02 16 30.0-30	21.37S	173.75W	28-1	5.3w,5.5b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=20.9km s-min=14.4km az=130.0.								
SZGRF	Tonga Islands.								
ISCJB	Event type se. Error ellipse: s-maj=8.4km s-min=5.0km az=90.4.								
MOS	Error ellipse: s-maj=14.8km s-min=9.2km az=70.0.								
NEIC	Event type se. Error ellipse: s-maj=8.9km s-min=5.0km az=145.0.								
HRVD	Error ellipse: s-maj=3.3km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s33,c52; Mantle waves: s21,c35;Half duration: 1:0 Moment tensor: Scale 1017Nm; M=0.55; 0.4 M0=0.12; 0.4; M=0.67; 0.3; M=0.41; 0.8; M=0.23; 0.2; M=0.57; 0.6; Best double couple: NP1: 0.173.00000; 0.25.00000; 0.54.00000; NP2: 0.32.00000; 0.870.00000; 0.105.00000; Principal axes: T 0.8960,Plg62.0000; Azm326.0000; N 0.1180,Plg14.0000; Azm207.0000; P -1.0140,Plg23.0000; Azm110.0000; M0.95500*1017								
ISC	V	11 19 16 47.9-34	19.98S-05	174.26W-08	35	4.8b,4.1s	87	6-154	
IDC	V	11 19 16 42.6-56	19.82S	174.38W	0	5.1,4.7			18338831
BJI	V	11 19 16 46.2	19.80S	174.40W	22	5.3b,5.1b			
NEIC	V	11 19 16 46.2-2.4	19.83S	174.39W	23-16	5.0b,5.1b			
ISCJB	V	11 19 16 46.5-36	19.97S-06	174.46W-08	33	4.8b,4.1s			
SZGRF	V	11 19 16 48.9	19.56S	173.11W	33	4.8b,4.1s			
MOS	V	11 19 16 48.6-2.5	19.97S	174.69W	33	4.8b,4.1s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=23.2km s-min=13.7km az=126.0.								
NEIC	Event type se. Error ellipse: s-maj=10.5km s-min=5.9km az=130.0.								
ISCJB	Event type se. Error ellipse: s-maj=11.7km s-min=7.3km az=63.5.								
SZGRF	Tonga Islands.								
MOS	Error ellipse: s-maj=14.7km s-min=12.0km az=52.8.								
ISC	V	12 21 52 42.3-30	21.49S-07	174.35W-07	35	4.9b,4.5s	79	8-171	
IDC	V	12 21 52 37.1-55	21.37S	174.68W	0	4.7,4.7			18338896
ISCJB	V	12 21 52 40.8-32	21.47S-07	174.54W-07	33	4.9b,4.5s			
MOS	V	12 21 52 41.6-1.0	21.26S	174.70W	33	5.3b,4.5s			
SZGRF	V	12 21 52 42.3	21.71S	174.11W	33	5.3b,4.5s			
HRVD	V	12 21 52 44.5-50	21.58S	173.83W	22-1	4.9w,4.5s			
BJI	V	12 21 52 44.6	21.24S	173.73W	73	5.4b,5.0b			
NEIC	V	12 21 52 44.5-24	21.40S	174.63W	50	5.0b,5.0b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=20.9km s-min=13.3km az=142.0.								
ISCJB	Event type se. Error ellipse: s-maj=12.0km s-min=7.4km az=93.8.								
MOS	Error ellipse: s-maj=16.0km s-min=14.5km az=62.8.								
SZGRF	Tonga Islands.								
HRVD	Error ellipse: s-maj=3.3km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s23,c31; Mantle waves: s50,c62;Half duration: 0 Moment tensor: Scale 1016 Nm; M=2.00; 1.7 M=0.14; 1.2; M=0.18; 1.2; M=0.12; 1.5; M=0.58; 0.7; M=0.18; 1.7; 1.9; Best double couple: NP1: 0.186.00000; 0.22.00000; 0.68.00000; NP2: 0.29.00000; 0.869.00000; 0.99.00000; Principal axes: T 3.0500,Plg65.0000; Azm314.0000; N -0.0580,Plg8.0000; Azm206.0000; P -2.9960,Plg24.0000; Azm113.0000; M0.3.02300*1016								
NEIC	Event type se. Error ellipse: s-maj=11.5km s-min=6.6km az=134.0.								
ISC	V	12 23 26 05.9-66	20.15-10	174.5W-20	35	4.1b	18	7-151	
IDC	V	12 23 26 00.8-95	19.98S	174.73W	0	4.3,4.1			19131309
ISCJB	V	12 23 26 04.0-67	20.05-10	174.6W-20	33	4.1b,4.1			
NEIC	V	12 23 26 05.7-53	20.01S	174.56W	35	4.3b,4.1			
ISC	Event type se.								
IDC	Error ellipse: s-maj=48.2km s-min=18.7km az=130.0.								
ISCJB	Event type se. Error ellipse: s-maj=24.0km s-min=10.3km az=67.1.								
NEIC	Event type se. Error ellipse: s-maj=21.2km s-min=9.9km az=125.0.								
MOS	V	14 04 54 15.6-23	20.36S-05	174.41W-06	49	4.8b,4.2s	112	7-172	
IDC	V	14 04 54 09.6-55	20.08S	174.64W	0	4.8L,4.7			18338979
ISCJB	V	14 04 54 14.2-24	20.22S-06	174.55W-06	47	4.8b,4.2s			
SZGRF	V	14 04 54 15.5	20.96S	173.69W	33	4.8b,4.2s			
NEIC	V	14 04 54 16.3-20	20.09S	174.61W	50	4.8b,4.2s			
BJI	V	14 04 54 16.2	20.10S	174.60W	49	5.2b,5.0s			
HRVD	V	14 04 54 16.3-40	20.20S	173.90W	30-2	5.0W,5.0s			
MOS	V	14 04 54 22.2-1.9	18.59S	175.98W	33	4.9b,5.0s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=24.0km s-min=16.4km az=131.0.								
ISCJB	Event type se. Error ellipse: s-maj=10.0km s-min=5.7km az=90.0.								
SZGRF	Tonga Islands.								
NEIC	Event type se. Error ellipse: s-maj=10.2km s-min=5.3km az=141.0.								
HRVD	Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s18,c23; Mantle waves: s54,c61;Half duration: 0 Moment tensor: Scale 1016 Nm; M=1.38; 1.34 M=0.24; 2.3; M=0.11; 1.2; M=0.18; 1.2; M=0.23; 1.6; M=0.94; 3.5; Best double couple: NP1: 0.24.00000; 0.52.00000; 0.160.00000; NP2: 0.282.00000; 0.874.00000; 0.39.00000; Principal axes: T 3.9650,Plg14.0000; Azm337.0000; N -0.3420,Plg48.0000; Azm83.0000; P -3.6230,Plg39.0000; Azm236.0000; M0.3.79400*1016								
MOS	Error ellipse: s-maj=15.5km s-min=14.3km az=9.5.								
ISC	V	15 08 49 33.6-24	21.29S-06	174.15W-05	45	4.8b,4.3s	128	8-171	
IDC	V	15 08 49 26.8-62	21.21S	174.27W	0	4.8,4.7			18339015
MOS	V	15 08 49 30.8-91	21.21S	174.28W	33	5.1b,4.7			
ISCJB	V	15 08 49 31.9-24	21.27S-06	174.19W-05	43	4.8b,4.3s			
BJI	V	15 08 49 32.5	21.11S	174.16W	40	5.3b,5.2s			
NEIC	V	15 08 49 33.3-21	21.23S	174.24W	42	4.8b,5.2s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=26.8km s-min=15.4km az=157.0.								
MOS	Error ellipse: s-maj=13.2km s-min=11.1km az=140.9.								
ISCJB	Event type se. Error ellipse: s-maj=9.7km s-min=6.1km az=128.5.								
NEIC	Event type se. Error ellipse: s-maj=9.5km s-min=5.4km az=148.0.								
ISC	V	16 08 16 17.5-58	19.35-10	173.6W-10	38	4.6b,3.9s	37	6-150	
IDC	V	16 08 16 11.8-98	19.33S	173.72W	0	4.6,4.4			18344249
ISCJB	V	16 08 16 15.7-60	19.45-10	173.7W-10	36	4.6b,3.9s			
MOS	V	16 08 16 15.3-1.5	19.09S	173.75W	33	4.9b,3.9s			
NEIC	V	16 08 16 17.4-46	19.35S	173.74W	36	4.9b,3.9s			
BJI	V	16 08 16 17.3	19.30S	173.70W	35	5.2b,5.1s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=41.8km s-min=18.5km az=136.0.								
ISCJB	Event type se. Error ellipse: s-maj=20.3km s-min=11.7km az=86.0.								
MOS	Error ellipse: s-maj=27.9km s-min=17.2km az=45.9.								
NEIC	Event type se. Error ellipse: s-maj=16.4km s-min=9.2km az=132.0.								
ISC	V	17 01 30 48.7-64	21.15-10	173.38W-09	35	4.1b,3.8s	18	7-152	
ISCJB	V	17 01 30 45.6-68	21.05-10	173.35W-10	33	4.1b,3.8s			19131613
IDC	V	17 01 30 45.0-2.4	21.03S	173.75W	0	4.3,4.1			
NEIC	V	17 01 30 51.8-73	20.89S	173.76W	50	4.4b,4.1			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=19.4km s-min=12.1km az=143.0.								
IDC	Error ellipse: s-maj=141.6km s-min=20.7km az=149.0.								
NEIC	Event type se. Error ellipse: s-maj=27.2km s-min=11.9km az=135.0.								
ISC	V	17 08 41 13.8-32	20.61S-10	173.99W-07	25	4.7b,4.2s	81	7-172	
IDC	V	17 08 41 09.7-67	20.65S	173.97W	0	4.6,4.5			18358204
ISCJB	V	17 08 41 11.7-33	20.65S-10	174.03W-07	24	4.7b,4.2s			
MOS	V	17 08 41 12.9-60	20.65S	174.05W	33	4.9b,4.2s			
BJI	V	17 08 41 13.2	21.27S	174.24W	37	5.5b,5.3s			
NEIC	V	17 08 41 13.2-35	20.38S	174.09W	21	4.8b,5.3s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=26.5km s-min=16.2km az=143.0.								
ISCJB	Event type se. Error ellipse: s-maj=15.6km s-min=7.0km az=119.9.								
MOS	Error ellipse: s-maj=25.6km s-min=13.7km az=137.2.								
NEIC	Event type se. Error ellipse: s-maj=18.2km s-min=7.7km az=144.0.								
ISC	V	17 19 24 31.7-50	20.15-10	174.5W-10	35	4.4b,4.1s	27	7-172	
IDC	V	17 19 24 26.2-61	19.98S	174.55W	0	5.1L,4.4			18713663
NEIC	V	17 19 24 27.9-43	19.99S	174.53W	10	4.6b,4.4			
ISCJB	V	17 19 24 29.8-49	20.05-10	174.6W-10	33	4.4b,4.1s			
MOS	V	17 19 24 30.1-1.8	19.75S	174.55W	33	4.7b,4.1s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=23.3km s-min=15.9km az=142.0.								

NEIC	Event type se. Error ellipse: s-maj=16.9km s-min=11.3km az=142.0.								
ISCJB	Event type se. Error ellipse: s-maj=16.5km s-min=11.8km az=102.1.								
MOS	Error ellipse: s-maj=22.8km s-min=14.8km az=149.1.								
ISC	V	17 21 57 49.3-17	20.77S-04	173.85W-04	14	5.3s,5.3b	218	7-171	
IDC	V	17 21 57 46.9-47	20.67S	174.06W	0	5.7L,5.4			18339097
BJI	V	17 21 57 47.9	20.14S	173.69W	4	5.8b,5.6s			
ISCJB	V	17 21 57 47.7-17	20.75S-04	173.90W-04	14	5.3s,5.3b			
HRVD	V	17 21 57 49.1-10	20.81S	173.35W	12	5.5W,5.3b			
NEIC	V	17 21 57 49.1-16	20.62S	173.97W	10	5.8W,5.4s			
CRAAG	V	17 21 57 51.3	20.64S	173.96W	10	5.8W,5.4s			
MOS	V	17 21 57 54.5-1.0	19.79S	173.91W	33	5.6b,5.3s			
SZGRF	V	17 21 57 57.6	18.98S	173.24W	33	5.6b,5.3s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=18.3km s-min=12.8km az=129.0.								
ISCJB	Event type se. Error ellipse: s-maj=7.2km s-min=4.5km az=90.1.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s87,c152; Mantle waves: s96,c210;Half duration: 1:4 Moment tensor: Scale 1017Nm; M=0.73; 0.2 M=0.29; 0.2; M=0.44; 0.2; M=0.34; 0.5; M=0.12; 0.2; M=0.17; 1.1; 0.5; Best double couple: NP1: 0.82.00000; 0.32.00000; 0.23.00000; NP2: 0.192.00000; 0.878.00000; 0.120.00000; Principal axes: T 2.4070,Plg27.0000; Azm286.0000; N -0.3430,Plg29.0000; Azm198.0000; P -2.0640,Plg48.0000; Azm70.0000; M0.2.23600*1017								
NEIC	Event type se. Error ellipse: s-maj=9.2km s-min=4.9km az=144.0. Moment Tensor Solution. s44 Moment tensor: Scale 1017Nm; M=1.51 M=0.32 M=0.12 M=0.20 M=0.10 M=0.98 M=0.98 Best double couple: NP1: 0.191.00000; 0.84.00000; 0.96.00000; NP2: 0.55.00000; 0.88.00000; 0.46.00000; Principal axes: T 7.3100,Plg39.0000; Azm286.0000; N -0.0200,Plg6.0000; Azm192.0000; P -7.2900,Plg51.0000; Azm95.0000; M0.7.30000*1017								
MOS	Error ellipse: s-maj=13.5km s-min=8.5km az=81.1.								
SZGRF	Tonga Islands.								
ISC	V	18 04 04 29.3-31	20.63S-08	174.09W-06	35	4.6b,4.0s	74	7-151	
IDC	V	18 04 04 23.2-1	20.77S	174.08W	0	4.6,4.4			18358241
BJI	V	18 04 04 26.5	20.60S	174.10W	24	5.2b,4.9s			
ISCJB	V	18 04 04 27.3-30	20.57S-08	174.18W-07	33	4.6b,4.0s			
NEIC	V	18 04 04 27.5-2.6	20.56S	174.13W	24-18	4.7b,4.0s			
MOS	V	18 04 04 27.1-1.1	20.59S	174.10W	33	4.9b,4.0s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=44.1km s-min=16.9km az=150.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.7km s-min=6.8km az=111.6.								
NEIC	Event type se. Error ellipse: s-maj=12.0km s-min=6.0km az=151.0.								
MOS	Error ellipse: s-maj=18.1km s-min=12.2km az=137.0.								
ISC	V	18 23 27 43.3-1.3	20.55-20	174.1W-20	35	4.0b	9	7-149	
IDC	V	18 23 27 38.8-2.3	20.39S	174.29W	0	4.1,3.9			19131704
ISCJB	V	18 23 27 41.6-1.3	20.55-20	174.2W-20	33	4.0b,3.9			
NEIC	V	18 23 27 44.2-94	20.46S	174.26W	35	4.2b,3.9			
ISC	Event type se.								
IDC	Error ellipse: s-maj=94.0km s-min=29.9km az=141.0.								
ISCJB	Event type se. Error ellipse: s-maj=32.4km s-min=23.9km az=57.2.								
NEIC	Event type se. Error ellipse: s-maj=29.3km s-min=19.7km az=130.0.								
ISC	V	20 07 01 10.6-61	20.73S-09	174.0W-10	35	4.4b	23	7-151	
IDC	V	20 07 01 05.9-76	20.81S	174.11W	0	4.4L,4.3			

MOS	Error ellipse: s-maj=14.7km s-min=8.6km az=49.0.								
SZGRF	Tonga Islands.								
ISC	V 03 16 14 48.3-5.9	20.55-70	173.7W-1.0	35	4.0b	9	7-145		
IDC	V 03 16 14 43.5-2.6	20.42S	173.77W	0	4.3,4.2		¶19130748		
ISCJB	V 03 16 14 46.0-6.0	20.45-70	173.7W-1.0	33	4.0b,4.2				
NEIC	V 03 16 14 49.1-3.9	20.34S	173.80W	37-27	4.3b,4.2				
ISC	Event type se.								
IDC	Error ellipse: s-maj=79.0km s-min=26.5km az=132.0.								
ISCJB	Event type se. Error ellipse: s-maj=162.2km s-min=16.1km az=72.3.								
NEIC	Event type se. Error ellipse: s-maj=62.2km s-min=16.2km az=141.0.								
ISC	V 03 23 44 14.0-26	20.66S-06	174.26W-06	34	5.0b,4.8s	124	7-172		
IDC	V 03 23 44 07.7-63	20.88S	174.26W	0	5.0b,5.0		¶10698262		
ISCJB	V 03 23 44 12.1-26	20.65S-06	174.36W-06	32	5.0b,4.8s				
CSEM	V 03 23 44 12.6	20.48S	174.46W	33	5.5b,4.8s				
NEIC	V 03 23 44 13.9-22	20.61S	174.32W	35	5.0b,4.8s				
BJI	V 03 23 44 13.9	20.60S	174.30W	35	5.5b,5.4s				
SZGRF	V 03 23 44 15.3	20.18S	175.88W	33	5.5b,5.4s				
MOS	V 03 23 44 23.2-1.3	18.04S	174.15W	33	5.2b,5.4s				
ISC	Event type se.								
IDC	Error ellipse: s-maj=25.7km s-min=13.0km az=155.0.								
ISCJB	Event type se. Error ellipse: s-maj=15.9km s-min=6.0km az=106.9.								
NEIC	Event type se. Error ellipse: s-maj=9.9km s-min=5.8km az=143.0.								
SZGRF	Tonga Islands.								
MOS	Error ellipse: s-maj=18.3km s-min=11.8km az=92.0.								
ISC	V 04 01 08 55.1-67	19.56S-08	174.2W-10	35	4.2b	19	6-150		
IDC	V 04 01 08 51.1-1.4	19.75S	174.34W	0	4.2,4.1		¶18713336		
MOS	V 04 01 08 51.1-2.8	19.85S	173.75W	33	4.5b,4.1				
ISCJB	V 04 01 08 52.5-73	19.50S-09	174.2W-10	33	4.2b,4.1				
NEIC	V 04 01 08 56.0-66	19.65S	174.33W	35	4.5b,4.1				
ISC	Event type se.								
IDC	Error ellipse: s-maj=56.4km s-min=24.4km az=132.0.								
MOS	Error ellipse: s-maj=20.9km s-min=15.3km az=159.3.								
ISCJB	Event type se. Error ellipse: s-maj=21.3km s-min=8.7km az=55.2.								
NEIC	Event type se. Error ellipse: s-maj=20.3km s-min=13.2km az=118.0.								
ISC	V 04 11 18 25.8-69	20.06S-08	173.9W-10	35	4.1b	18	6-151		
IDC	V 04 11 18 22.0-1.0	20.33S	174.35W	0	4.3L,4.3		¶19130792		
ISCJB	V 04 11 18 22.9-69	20.03S-08	173.9W-10	33	4.1b,4.3				
NEIC	V 04 11 18 24.4-52	20.12S	174.39W	15	4.3b,4.3				
ISC	Event type se.								
IDC	Error ellipse: s-maj=46.4km s-min=21.5km az=146.0.								
ISCJB	Event type se. Error ellipse: s-maj=15.3km s-min=9.2km az=66.6.								
NEIC	Event type se. Error ellipse: s-maj=22.7km s-min=12.4km az=122.0.								
ISC	V 24 23 37 22.4-1.8	17.95S-20	175.1W-20	239-26	4.0b	15	5-85		
ISCJB	V 24 23 37 21.5-1.7	17.95S-20	175.3W-20	238-27	4.0b		¶19131995		
IDC	V 24 23 37 21.5-2.1	17.91S	175.21W	224-32	4.4,4.0				
NEIC	V 24 23 37 22.7-1.2	17.98S	175.19W	238-18	4.1b,4.0				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=38.0km s-min=22.2km az=65.4.								
IDC	Error ellipse: s-maj=42.3km s-min=20.2km az=115.0.								
NEIC	Event type se. Error ellipse: s-maj=24.6km s-min=14.4km az=118.0.								
ISC	V 15 21 23 55.6-2.2	21.15S-20	173.6W-10	50-31	4.2b,3.3s	16	7-152		
IDC	V 15 21 23 48.7-7.1	21.25S-10	173.7W-10	10	4.2b,3.3s		¶19131544		
ISCJB	V 15 21 23 52.2-1.0	21.49S	174.11W	0	4.3,4.1				
NEIC	V 15 21 23 54.0-73	21.51S	174.16W	10	4.7b,4.1				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=18.8km s-min=12.7km az=130.2.								
IDC	Error ellipse: s-maj=35.7km s-min=24.7km az=136.0.								
NEIC	Event type se. Error ellipse: s-maj=30.0km s-min=18.2km az=144.0.								
ISC	V 15 23 35 46.4-24	19.98S-07	174.58W-06	48	4.8b,4.3s	117	7-172		
MOS	V 15 23 35 43.2-97	19.95S	174.58W	33	5.2b,4.3s		¶18339029		
ISCJB	V 15 23 35 44.6-24	19.99S-07	174.62W-06	46	4.8b,4.3s				
BJI	V 15 23 35 45.8	19.98S	173.93W	73	5.4s,5.3b				
IDC	V 15 23 35 45.9-43	19.93S	174.60W	46-3	4.5,4.4				
SZGRF	V 15 23 35 46.7	20.00S	174.00W	33	4.5,4.4				
NEIC	V 15 23 35 46.1-16	19.91S	174.62W	46	5.0b,4.4				
ISC	Event type se.								
MOS	Error ellipse: s-maj=15.9km s-min=10.0km az=46.1.								
ISCJB	Event type se. Error ellipse: s-maj=11.3km s-min=6.1km az=105.6.								
IDC	Error ellipse: s-maj=22.6km s-min=12.0km az=130.0.								
SZGRF	Tonga Islands.								
NEIC	Event type se. Error ellipse: s-maj=9.2km s-min=4.4km az=140.0.								
ISC	V 16 00 53 49.0-22	21.15S-06	174.24W-06	34	5.0b,4.9s	137	8-171		
IDC	V 16 00 53 43.3-54	21.04S	174.43W	0	5.2L,4.9		¶18339049		
ISCJB	V 16 00 53 47.0-22	21.16S-06	174.30W-06	32	5.0b,4.9s				
MOS	V 16 00 53 47.6-1.3	20.99S	174.39W	33	5.3b,5.0s				
BJI	V 16 00 53 48.8	21.10S	174.30W	33	5.7b,5.4s				
NEIC	V 16 00 53 48.8-20	21.08S	174.31W	34	5.1b,5.1s				
SZGRF	V 16 00 53 49.0	21.16S	175.03W	44	5.1b,5.1s				
ORF	V 16 00 54 09.6	12.73S	177.07W	30	5.8b,5.1b				
ISC	Event type se.								
IDC	Error ellipse: s-maj=22.0km s-min=13.5km az=131.0.								
ISCJB	Event type se. Error ellipse: s-maj=10.0km s-min=5.7km az=93.5.								
MOS	Error ellipse: s-maj=14.5km s-min=9.7km az=57.2.								
NEIC	Event type se. Error ellipse: s-maj=10.8km s-min=5.7km az=135.0.								
SZGRF	Tonga Islands.								
ISC	V 21 23 47 05.2-94	20.65S-10	174.5W-20	35	4.4b,4.1s	19	7-151		
IDC	V 21 23 46 59.0-1.5	21.29S	174.29W	0	4.5,4.3		¶18494953		
ISCJB	V 21 23 47 02.9-97	20.55S-10	174.6W-20	33	4.4b,4.1s				
NEIC	V 21 23 47 02.7-73	20.70S	174.61W	15	4.8b,4.1s				
MOS	V 21 23 47 05.0-1.3	20.93S	174.80W	33	4.2b,4.1s				
ISC	Event type se.								
IDC	Error ellipse: s-maj=68.5km s-min=22.9km az=147.0.								
ISCJB	Event type se. Error ellipse: s-maj=29.5km s-min=8.1km az=71.1.								
NEIC	Event type se. Error ellipse: s-maj=28.4km s-min=12.1km az=137.0.								
MOS	Error ellipse: s-maj=43.2km s-min=22.1km az=171.4.								
ISC	V 03 17 07 06.8-32	20.68S-06	173.94W-06	35	5.1b	78	7-171		
IDC	V 03 17 07 01.1-58	20.81S	173.98W	0	5.0L,5.0b		¶18321518		
ISCJB	V 03 17 07 05.1-34	20.68S-07	174.09W-07	33	5.1b,5.0b				
CSEM	V 03 17 07 05.0	20.47S	174.04W	33	5.8b,5.0b				
BJI	V 03 17 07 06.3	20.33S	174.07W	29	5.9b,5.1b				
SZGRF	V 03 17 07 07.4	20.73S	174.04W	33	5.9b,5.1b				
NEIC	V 03 17 07 07.2-30	20.64S	174.13W	35	5.3b,5.1b				
MOS	V 03 17 07 11.5-28	19.97S	175.10W	33	5.4b,5.1b				
ISC	Event type se.								
IDC	Error ellipse: s-maj=22.2km s-min=13.7km az=158.0.								
ISCJB	Event type se. Error ellipse: s-maj=10.7km s-min=7.8km az=100.2.								
SZGRF	Tonga Islands.								
NEIC	Event type se. Error ellipse: s-maj=11.8km s-min=7.2km az=139.0.								
MOS	Error ellipse: s-maj=14.7km s-min=11.6km az=12.5.								
ISC	V 03 19 28 10.9-28	20.96S-07	174.20W-07	37	5.3b,4.8b	89	7-171		
IDC	V 03 19 28 05.3-52	20.84S	174.24W	0	4.6,4.6		¶18338364		
NEIC	V 03 19 28 07.5-27	20.90S	174.26W	15	5.1b,4.6				
SZGRF	V 03 19 28 08.8	21.89S	173.76W	33	5.1b,4.6				
ISCJB	V 03 19 28 08.6-28	20.94S-07	174.29W-07	32	5.3s,4.8b				
BJI	V 03 19 28 08.0	20.37S	173.95W	13	5.9b,5.5s				
MOS	V 03 19 28 14.8-3.0	20.52S	175.25W	33	5.1b,5.5s				
ORF	V 03 19 28 31.6	12.43S	171.11W	30	5.6b,5.5s				
ISC	Event type se.								
IDC	Error ellipse: s-maj=22.9km s-min=15.2km az=141.0.								
NEIC	Event type se. Error ellipse: s-maj=12.6km s-min=7.1km az=139.0.								
SZGRF	Tonga Islands.								
ISCJB	Event type se. Error ellipse: s-maj=11.0km s-min=7.1km az=96.1.								
MOS	Error ellipse: s-maj=16.1km s-min=13.1km az=13.7.								
ISC	V 04 04 55 43.0-17	21.28S-05	174.19W-04	35	5.3b,5.1s	268	8-171		
CSEM	V 04 04 55 36.7	21.18S	174.34W	2	5.5b,5.1s		¶10698267		
BJI	V 04 04 55 37.7	20.79S	173.90W	6	5.9b,5.5b				
IDC	V 04 04 55 37.2-38	21.23S	174.32W	0	5.1b,5.1b				
NEIC	V 04 04 55 38.7-3.5	21.26S	174.27W	9-21	5.4b,5.1b				
SZGRF	V 04 04 55 41.8	21.54S	174.02W	33	5.3b,5.1b				
ISCJB	V 04 04 55 41.2-17	21.26S-05	174.28W-04	33	5.3b,5.1s				
MOS	V 04 04 55 41.5-1.1	21.15S	174.34W	33	5.6b,5.3s				

ISC	Event type se.								
IDC	Error ellipse: s-maj=16.4km s-min=12.2km az=131.0.								
NEIC	Event type se. Error ellipse: s-maj=6.5km s-min=3.8km az=149.0.								
SZGRF	Tonga Islands.								
ISCJB	Event type se. Error ellipse: s-maj=7.4km s-min=4.6km az=113.7.								
MOS	Error ellipse: s-maj=10.1km s-min=7.9km az=60.9.								
ISC	V 05 22 43 27.7-74	20.32S-08	173.42W-10	35	4.1b,4.0s	19	7-152		
ISCJB	V 05 22 43 27.4-67	20.35S-07	173.4W-10	33	4.1b,4.0s		¶18494601		
IDC	V 05 22 43 28.6-1.1	20.16S	174.44W	0	4.5L,4.2				
NEIC	V 05 22 43 33.6-80	20.21S	174.44W	35	4.5L,4.2				
MOS	V 05 22 43 37.9-2.9	18.72S	175.21W	33	4.3b,4.2				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=14.8km s-min=7.8km az=56.4.								
IDC	Error ellipse: s-maj=40.8km s-min=21.8km az=123.0								

HRVD	V	16 20 55 47.7-30	20.85S	173.46W	24-0	5.7W,5.5s			
NEIC	V	16 20 55 47.7-12	20.75S	174.15W	15	5.8b,5.6s			
SZGRF	V	16 20 55 49.9	21.14S	173.98W	33	5.6b,5.6s			
MOS	V	16 20 55 51.5-94	20.13S	174.11W	33	5.9b,5.5s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=18.9km s-min=13.0km az=141.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.6km s-min=4.0km az=107.2.								
HRVD	Error ellipse: s-maj=2.2km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s34,c44; Mantle waves: s84,c133; Half duration: 1s7 Moment tensor: Scale 1017Nm; Mrr:0.23±.22; Mθθ:0.55±.13; Mφφ:3.68±.13; Mφ0:0.20±.23; M00:0.26±.07; M02:0.16±.17; Best double couple: NP1:0.175,0.0000°, 831.00000°, 190.00000°; NP2:0.355,0.0000°, .859,0.0000°, 190.00000°. Principal axes: T 4.7850,Plg76.0000°, Azm264.0000°; N -0.5330,Plg0.0000°, Azm355.0000°; P -4.2560,Plg14.0000°, Azm85.0000°; M4.52000°x1017								
NEIC	Event type se. Error ellipse: s-maj=7.2km s-min=3.6km az=145.0.								
SZGRF	Tonga Islands.								
MOS	Error ellipse: s-maj=13.6km s-min=8.1km az=73.7.								
ISC	V	19 19 21 28.6-1.8	15.9S-20	174.0W-10	94-18	4.5b	19	3-149	
IDC	V	18 19 21 16.0-73	15.72S	173.99W	0	4.7,4.4			18713702
MOS	V	18 19 21 21.7-1.5	15.28S	174.69W	33	5.8b,4.4			
ISCJB	V	18 19 21 27.3-1.9	15.9S-20	174.0W-20	100-20	4.5b,4.4			
NEIC	V	18 19 21 28.9-1.1	15.75S	174.04W	99-10	4.8b,4.4			
ISC	Event type se.								
IDC	Error ellipse: s-maj=41.9km s-min=19.3km az=139.0.								
MOS	Error ellipse: s-maj=45.1km s-min=16.0km az=155.5.								
ISCJB	Event type se. Error ellipse: s-maj=42.4km s-min=16.6km az=122.8.								
NEIC	Event type se. Error ellipse: s-maj=24.6km s-min=8.4km az=146.0.								
ISC	V	26 22 35 07.3-17	21.31S-04	174.32W-04	36	5.8s,5.2b	234	8-171	
CSEM	V	26 22 35 02.5	21.23S	174.42W	10	5.5b,5.2b			183385814
IDC	V	26 22 35 04.6-3.1	21.19S	174.39W	22-19	5.4L,5.1s			
ISCJB	V	26 22 35 05.5-18	21.28S-05	174.39W-04	34	5.8s,5.2b			
MOS	V	26 22 35 05.7-97	21.14S	174.43W	33	5.5b,5.2b			
BJI	V	26 22 35 06.7	21.30S	174.40W	33	5.9s,5.7b			
NEIC	V	26 22 35 06.7-57	21.25S	174.39W	33-3	5.4s,5.3b			
HRVD	V	26 22 35 06.7-20	21.42S	173.56W	12	5.4W,5.3b			
SZGRF	V	26 22 35 11.8	19.29S	175.01W	33	5.4W,5.3b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=18.9km s-min=11.5km az=140.0.								
ISCJB	Event type se. Error ellipse: s-maj=8.1km s-min=4.4km az=113.6.								
MOS	Error ellipse: s-maj=10.8km s-min=7.8km az=50.3.								
NEIC	Event type se. Error ellipse: s-maj=8.0km s-min=4.1km az=145.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s48,c73; Mantle waves: s59,c96; Half duration: 1s2 Moment tensor: Scale 1017Nm; Mrr:1.04±.03; Mθθ:0.01±.03; Mφφ:1.05±.03; Mφ0:0.34±.07; M00:0.09±.02; M02:0.99±.06; Best double couple: NP1:0.175,0.0000°, 824.00000°, 172.00000°; NP2:0.15,0.00000°, .868,0.0000°, 198.00000°. Principal axes: T 1.4870,Plg67.0000°, Azm298.0000°; N -0.0150,Plg7.0000°, Azm192.0000°; P -1.4730,Plg22.0000°, Azm99.0000°; M1.48000°x1017								
SZGRF	Tonga Islands.								
ISC	V	29 11 56 46.0-20	19.25S-05	173.41W-05	34	5.0s,5.0b	174	6-172	
IDC	V	29 11 56 39.8-57	19.28S	173.58W	0	4.9s,4.9			18583773
ISCJB	V	29 11 56 44.0-20	19.26S-05	173.46W-05	32	5.0s,5.0b			
SZGRF	V	29 11 56 44.3	18.82S	174.06W	38	5.2b,5.0b			
MOS	V	29 11 56 44.9-1.5	19.21S	173.51W	33	5.4b,5.1s			
HRVD	V	29 11 56 45.7-20	19.38S	172.65W	12	5.3W,5.1s			
NEIC	V	29 11 56 45.7-15	19.19S	173.46W	33	5.2b,5.1s			
BJI	V	29 11 56 51.2	18.28S	174.49W	33	5.4b,5.3s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=23.6km s-min=13.8km az=159.0.								
ISCJB	Event type se. Error ellipse: s-maj=8.5km s-min=4.9km az=100.5.								
SZGRF	Tonga Islands.								
MOS	Error ellipse: s-maj=11.9km s-min=8.3km az=54.2.								
HRVD	Error ellipse: s-maj=1.1km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s50,c74; Mantle waves: s84,c142; Half duration: 1s0 Moment tensor: Scale 1017Nm; Mrr:0.75±.02; Mθθ:0.03±.02; Mφφ:0.77±.02; Mφ0:0.25±.05; M00:0.15±.02; M02:0.52±.04; Best double couple: NP1:0.181,0.0000°, 828.00000°, 173.00000°; NP2:0.20,0.00000°, .863,0.0000°, 199.00000°. Principal axes: T 0.9480,Plg70.0000°, Azm309.0000°; N 0.0350,Plg8.0000°, Azm196.0000°; P -0.9830,Plg18.0000°, Azm103.0000°; M0.96500°x1017								
NEIC	Event type se. Error ellipse: s-maj=7.8km s-min=4.0km az=139.0.								
ISC	V	30 03 22 15.5-35	19.17S-08	174.7W-10	35	4.5b	42	6-173	
IDC	V	30 03 22 10.0-65	19.16S	174.79W	0	4.5,4.3b			18854966
ISCJB	V	30 03 22 13.4-35	19.21S-09	174.8W-10	33	4.5b,4.3b			
MOS	V	30 03 22 15.7-1.6	19.48S	173.72W	33	5.1b,4.3b			
NEIC	V	30 03 22 15.2-20	19.14S	174.78W	35	4.6b,4.3b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=41.7km s-min=17.6km az=115.0.								
ISCJB	Event type se. Error ellipse: s-maj=18.5km s-min=8.5km az=68.8.								
MOS	Error ellipse: s-maj=50.0km s-min=15.1km az=72.2.								
NEIC	Event type se. Error ellipse: s-maj=14.3km s-min=5.1km az=121.0.								
ISC	V	30 03 33 08.3-6.3	15.4S-30	173.0W-30	1-40	5.9s,4.6b	11	2-149	
IDC	V	30 03 33 06.3-1.9	15.80S	172.72W	0	4.8,4.6			18854967
ISCJB	V	30 03 33 08.1-5.2	15.4S-30	173.1W-30	9-33	5.9s,4.5b			
NEIC	V	30 03 33 12.8-71	15.42S	172.92W	35	4.7b,4.5b			
MOS	V	30 03 33 12.4-1.3	15.34S	173.04W	33	5.8s,4.5b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=98.5km s-min=25.7km az=137.0.								
ISCJB	Event type se. Error ellipse: s-maj=61.1km s-min=10.9km az=98.3.								
NEIC	Event type se. Error ellipse: s-maj=36.0km s-min=13.0km az=142.0.								
MOS	Error ellipse: s-maj=26.0km s-min=17.2km az=50.3.								
ISC	V	06 10 25 03.1-67	19.9S-20	174.5W-10	35	4.0b	23	6-154	
IDC	V	06 10 24 57.5-1.5	20.01S	174.47W	0	4.3,4.1			18713396
MOS	V	06 10 24 59.6-1.6	20.66S	174.18W	36	4.3b,4.1			
ISCJB	V	06 10 25 01.0-66	20.1S-20	174.6W-10	33	4.0b,4.1			
NEIC	V	06 10 25 01.5-58	19.87S	174.52W	25	4.7b,4.1			
ISC	Event type se.								
IDC	Error ellipse: s-maj=70.8km s-min=19.2km az=154.0.								
MOS	Error ellipse: s-maj=32.5km s-min=18.2km az=168.2.								
ISCJB	Event type se. Error ellipse: s-maj=31.3km s-min=14.1km az=119.6.								
NEIC	Event type se. Error ellipse: s-maj=25.3km s-min=11.4km az=141.0.								
ISC	V	08 10 09 04.7-39	20.48S-08	174.35W-09	35	4.7b	52	7-151	
IDC	V	08 10 08 59.2-68	20.42S	174.38W	0	5.2L,4.6			18338624
NEIC	V	08 10 09 00.9-27	20.42S	174.39W	10	4.9b,4.6			
BJI	V	08 10 09 01.4	20.97S	174.29W	33	5.2b,5.0s			
ISCJB	V	08 10 09 02.8-39	20.48S-09	174.45W-09	33	4.7b,5.0s			
MOS	V	08 10 09 02.9-84	20.36S	174.42W	33	4.8b,5.0s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=29.2km s-min=15.5km az=125.0.								
NEIC	Event type se. Error ellipse: s-maj=11.3km s-min=5.8km az=132.0.								
ISCJB	Event type se. Error ellipse: s-maj=15.3km s-min=8.7km az=92.1.								
MOS	Error ellipse: s-maj=22.6km s-min=14.3km az=48.9.								
ISC	V	19 16 40 23.7-72	19.9S-10	174.7W-20	35	4.1b	17	7-150	
IDC	V	19 16 40 18.7-82	19.94S	174.72W	0	4.3,4.2			18713736
ISCJB	V	19 16 40 21.6-73	19.9S-10	174.7W-20	33	4.1b,4.2			
MOS	V	19 16 40 21.9-1.7	19.80S	174.66W	33	4.9b,4.2			
NEIC	V	19 16 40 22.4-67	19.85S	174.69W	25	4.7b,4.2			
ISC	Event type se.								
IDC	Error ellipse: s-maj=35.1km s-min=17.4km az=137.0.								
ISCJB	Event type se. Error ellipse: s-maj=28.0km s-min=13.3km az=82.5.								
MOS	Error ellipse: s-maj=34.2km s-min=19.6km az=137.4.								
NEIC	Event type se. Error ellipse: s-maj=27.3km s-min=12.5km az=133.0.								
ISC	V	20 01 37 20.1-64	19.8S-10	174.4W-10	35	4.3b	21	6-150	
IDC	V	20 01 37 14.3-1.3	19.99S	174.34W	0	4.4L,4.3			18713757
MOS	V	20 01 37 16.3-94	20.14S	174.21W	33	4.7b,4.3			
ISCJB	V	20 01 37 18.2-66	19.7S-10	174.5W-10	33	4.3b,4.3			
NEIC	V	20 01 37 19.4-60	19.93S	174.28W	35	4.8b,4.3			
ISC	Event type se.								
IDC	Error ellipse: s-maj=59.3km s-min=23.3km az=152.0.								

MOS	Error ellipse: s-maj=68.2km s-min=21.2km az=0.2.								
ISCJB	Event type se. Error ellipse: s-maj=20.8km s-min=9.4km az=81.9.								
NEIC	Event type se. Error ellipse: s-maj=20.3km s-min=13.2km az=162.0.								
IDC	V	27 10 06 36.1-2.1	20.65S	174.03W	0	4.2,3.9b			19599454
IDC	Error ellipse: s-maj=85.2km s-min=26.4km az=148.0.								
V	28 08 39 39.0-9.5	20.09S	173.41W	0	4.1,4.0				19599508
IDC	Error ellipse: s-maj=271.4km s-min=35.6km az=124.0.								
V	02 19 06 19.1-62	16.55S	174.23W	0	4.2,4.0b				19598382
IDC	Error ellipse: s-maj=1188.0km s-min=177.9km az=79.0.								
V	03 15 42 20.9-12	19.54S	175.05W	0	6.7s,6.7				19598411
IDC	Error ellipse: s-maj=310.1km s-min=48.3km az=123.0.								
V	03 16 58 16.3-2.7	19.90S	173.74W	0	4.0,3.9				19598421
IDC	Error ellipse: s-maj=128.8km s-min=33.4km az=135.0.								
V	04 03 30 37.2-1.4	20.51S	173.95W	0	4.5L,4.2				19598443
IDC	Error ellipse: s-maj=49.7km s-min=27.7km az=153.0.								
V	04 03 42 25.1-1.2	19.93S	174.16W	0	4.0,3.8				19598445
IDC	Error ellipse: s-maj=48.2km s-min=28.3km az=140.0.								
V	04 07 53 19.5-4.9	20.17S	173.76W	0	4.1,3.8				19598452
IDC	Error ellipse: s-maj=138.3km s-min=50.8km az=128.0.								
V	04 09 34 20.1-11	20.08S	173.79W	0	4.2,4.0				19598455
IDC	Error ellipse: s-maj=310.9km s-min=33.3km az=126.0.								
V	04 19 58 34.2-2.9	20.64S	174.41W	0	4.1,3.9				19598476
IDC	Error ellipse: s-maj=101.4km s-min=32.0km az=144.0.								
V	05 00 30 45.0-4.2	19.56S	174.83W	0	4.0,3.7b				19598497
IDC	Error ellipse: s-maj=220.6km s-min=34.8km az=147.0.								
V	05 00 31 08.7-3.6	19.85S	174.69W	0	4.2,3.9				19598498
IDC	Error ellipse: s-maj=221.7km s-min=41.5km az=143.0.								
V	06 12 07 52.8-7.9	18.78S	175.25W	0	3.7,3.5				19598565
IDC	Error ellipse: s-maj=343.7km s-min=37.6km az=142.0.								
V	07 03 02 16.5-4.7	20.20S	173.48W	0	4.1,4.0				19598599
IDC	Error ellipse: s-maj=134.8km s-min=33.8km az=127.0.								
V	07 03 16 00.5-4.4	20.76S	173.92W	0	3.8,3.6				19598600
IDC	Error ellipse: s-maj=227.8km s-min=34.0km az=148.0.								
V	07 23 17 35.4-8.6	17.06S	174.69W	0	4.0,3.8s				19598630
IDC	Error ellipse: s-maj=383.5km s-min=36.6km az=140.0.								
V	08 05 35 49.8-8.0	18.14S	175.95W	0	4.5,4.3				19598640
IDC	Error ellipse: s-maj=384.7km s-min=120.4km az=152.0.								
V	09 16 26 49.3-7.3	18.59S	174.56W	0	3.8,3.6b				19598701
IDC	Error ellipse: s-maj=341.6km s-min=66.7km az=145.0.								
V	09 20 07 40.7-33	19.28S	175.87W	390-285	3.6,3.3s				19598705
IDC	Error ellipse: s-maj=312.5km s-min=67.9km az=133.0.								
V	12 07 58 39.2-60	16.88S	175.74W	0	4.1,3.9				19598803
IDC	Error ellipse: s-maj=1135.0km s-min=178.6km az=79.0.								
V	12 10 53 00.7-1.6	20.86S	174.44W	0	4.0L,4.0				18494733
IDC	Error ellipse: s-maj=74.4km s-min=26.4km az=145.0.								
V	13 15 08 25.8-7.8	17.60S	174.67W	0	4.1,3.8b				19598855
IDC	Error ellipse: s-maj=339.7km s-min=35.1km az=141.0.								
V	15 09 01 22.6-3.5	15.45S	173.22W	0	3.8,3.7				19598901

NEIC	I	25 16 40 41.3-95	18.08S	174.96W	229-9	4.2b,4.0			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=34.8km s-min=14.8km az=88.1.							
IDC		Error ellipse: s-maj=34.0km s-min=15.0km az=125.0.							
NEIC		Event type se. Error ellipse: s-maj=18.2km s-min=8.0km az=134.0.							
ISC	I	25 01 42 37.6-2.7	19.15-20	174.1W-20	107-29	4.3b	10	6-150	
ISCJB	I	25 01 42 35-3.0	19.15-20	174.2W-20	100-31	4.3b		19486121	
IDC	I	25 01 42 37.0-11	18.94S	174.38W	88-66	4.0,4.0			
NEIC	I	25 01 42 36.5-2.0	19.08S	174.19W	91-17	4.7b,4.0			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=32.0km s-min=26.5km az=104.2.							
IDC		Error ellipse: s-maj=250.3km s-min=29.8km az=145.0.							
NEIC		Event type se. Error ellipse: s-maj=23.3km s-min=15.0km az=136.0.							
ISC	I	25 14 04 39-4.84	15.55S-09	174.82W-09	268-8	4.3b	54	3-155	
SZGRF	I	25 14 04 07.4	17.07S	175.43W	33	4.3b		18079330	
BJI	I	25 14 04 37.8	15.92S	175.08W	272	4.7b,4.6b			
ISCJB	I	25 14 04 38.3-85	15.58S-09	174.84W-09	272-8	4.3b,4.6b			
IDC	I	25 14 04 39.0-1.2	15.55S	174.84W	267-12	4.5,4.1			
NEIC	I	25 14 04 39.1-82	15.52S	174.90W	268-8	4.5b,4.1			
ISC		Event type se.							
SZGRF		Tonga Islands.							
ISCJB		Event type se. Error ellipse: s-maj=18.1km s-min=8.7km az=87.7.							
IDC		Error ellipse: s-maj=26.1km s-min=10.3km az=131.0.							
NEIC		Event type se. Error ellipse: s-maj=14.5km s-min=6.1km az=128.0.							
ISC	I	25 19 15 35.8-2.4	15.75-50	173.9W-30	78-17	3.8b	13	3-146	
ISCJB	I	25 19 15 34.0-2.7	15.95-50	173.8W-30	82-19	3.8b		19486515	
IDC	I	25 19 15 35.4-3.3	16.02S	173.77W	84-26	4.1,4.0			
NEIC	I	25 19 15 35.6-1.8	15.99S	173.81W	86-13	4.0b,4.0			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=94.6km s-min=18.9km az=111.8.							
IDC		Error ellipse: s-maj=79.8km s-min=17.9km az=146.0.							
NEIC		Event type se. Error ellipse: s-maj=56.4km s-min=12.6km az=147.0.							
IDC	V	16 10 24 32.7-2.1	20.35S	174.72W	0	4.2,4.0			19599028
IDC		Error ellipse: s-maj=87.4km s-min=23.1km az=141.0.							
IDC	I	03 07 10 11.1-10	19.52S	173.65W	52-99	4.2L,4.1			19477012
IDC		Error ellipse: s-maj=54.1km s-min=28.8km az=164.0.							
IDC	I	24 03 08 12.2-3.4	17.59S	174.96W	195-22	4.1,3.9			19485370
IDC		Error ellipse: s-maj=61.9km s-min=20.1km az=152.0.							
IDC	I	26 20 20 02.2-1.5	21.97S	174.49W	0	4.1,4.0			19486534
IDC		Error ellipse: s-maj=77.0km s-min=24.2km az=155.0.							
IDC	I	29 11 52 54.0-1.9	15.38S	174.77W	239-27	3.9,3.7			19487496
IDC		Error ellipse: s-maj=140.4km s-min=23.5km az=148.0.							
ISC	I	02 20 05 18.9-2.4	17.15-20	174.3W-20	92-24	4.0b	12	4-91	
ISCJB	I	02 20 05 17.9-2.4	17.05-20	174.4W-20	98-24	4.0b		19476798	
IDC	I	02 20 05 18.7-5.5	17.11S	174.23W	95-43	3.8,3.8			
NEIC	I	02 20 05 19.1-1.6	17.02S	174.29W	97-16	4.5b,3.8			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=36.1km s-min=19.7km az=110.5.							
IDC		Error ellipse: s-maj=134.3km s-min=19.1km az=149.0.							
NEIC		Event type se. Error ellipse: s-maj=22.4km s-min=12.4km az=146.0.							
ISC	I	13 09 17 57.8-2.1	17.83S-05	173.07W-05	14	5.1b,4.9s	160	4-173	
IDC	I	13 09 17 55.3-4.6	17.74S	173.12W	0	5.0,4.9		18035893	
ISCJB	I	13 09 17 56.2-2.1	17.82S-05	173.07W-05	13	5.1b,4.9s			
BJI	I	13 09 17 56.9	17.80S	173.20W	10	5.7b,5.3s			
NEIC	I	13 09 17 56.9-15	17.76S	173.22W	10	5.2b,5.3s			
HRVD	I	13 09 17 56.9-10	17.78S	172.63W	15	5.4W,5.3s			
MOS	I	13 09 17 56.6-1.7	17.63S	173.17W	10	5.4b,4.9s			
SZGRF	I	13 09 17 59.7	17.26S	173.35W	10	5.4b,4.9s			
ORF	I	13 09 18 53.6	6.68N	175.94E	30	5.9b,4.9s			
ISC		Event type se.							
IDC		Error ellipse: s-maj=20.7km s-min=14.8km az=127.0.							
ISCJB		Event type se. Error ellipse: s-maj=8.7km s-min=5.8km az=102.9.							
NEIC		Event type se. Error ellipse: s-maj=8.3km s-min=4.0km az=132.0.							
HRVD		Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s7,c131; Mantle waves: s8,c131; Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; Mrr:0.109±0.02; Mθθ:0.02±0.02; Mφφ:1.11±0.02; Mrr:0.50±0.06; Mθθ:0.49±0.02; Mφφ:0.83±0.06; Best double couple: NP1:φ:308.0000°; δ26.0000°; λ:75.0000°; NP2:φ:28.0000°; δ65.0000°; λ:97.0000°; Principal axes: T:1.4470,Plg69.0000°; Azm313.0000°; N:0.1840,Plg7.0000°; Azm205.0000°; P:-1.6290,Plg19.0000°; Azm112.0000°; M:0.53800×10 ¹⁷							
MOS		Error ellipse: s-maj=13.7km s-min=8.8km az=62.6.							
SZGRF		South of Fiji Islands.							
ISC	I	18 13 45 02.2-1.5	19.43S-06	175.83W-06	174-14	4.5b	60	7-173	
ISCJB	I	18 13 45 01.1-1.6	19.30S-06	175.99W-06	175-15	4.5b		18078819	
IDC	I	18 13 45 02.9-2.0	19.34S	175.87W	183-18	4.5,4.2			
BJI	I	18 13 45 07.7	19.33S	175.71W	239	5.2b,4.6b			
NEIC	I	18 13 45 08.8-28	19.42S	175.94W	237	4.9b,4.6b			
HRVD	I	18 13 45 08.8-1.2	19.60S	175.71W	212-8	5.0W,4.6b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=10.8km s-min=8.2km az=124.4.							
IDC		Error ellipse: s-maj=16.5km s-min=11.5km az=136.0.							
NEIC		Event type se. Error ellipse: s-maj=11.0km s-min=7.3km az=145.0.							
HRVD		Error ellipse: s-maj=7.8km s-min=7.8km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s7,c131; Mantle waves: s28,c131; Half duration: 1s2 Moment tensor: Scale 10 ¹⁶ Nm; Mrr:1.13±0.38; Mθθ:0.02±0.02; Mφφ:2.81±0.43; Mrr:2.12±0.35; Mθθ:1.31±0.32; Mφφ:1.25±0.30; Best double couple: NP1:φ:308.0000°; δ54.0000°; λ:23.0000°; NP2:φ:204.0000°; δ71.0000°; λ:142.0000°; Principal axes: T:4.0220,Plg40.0000°; Azm161.0000°; N:-0.7310,Plg48.0000°; Azm2.0000°; P:-3.2910,Plg11.0000°; Azm260.0000°; M:0.65700×10 ¹⁶							
ISC	I	19 01 25 50.5-48	18.67S-10	173.5W-10	35	4.5b,4.0s	39	5-154	
IDC	I	19 01 25 45.3-81	18.64S	173.64W	0	4.6,4.4		18078853	
ISCJB	I	19 01 25 48.5-50	18.8S-10	173.6W-10	33	4.5b,4.0s			
NEIC	I	19 01 25 50.4-46	18.82S	173.59W	35	4.8b,4.0s			
SZGRF	I	19 01 26 13.9	16.74S	172.94W	33	4.8b,4.0s			
ISC		Event type se.							
IDC		Error ellipse: s-maj=37.9km s-min=16.9km az=132.0.							
ISCJB		Event type se. Error ellipse: s-maj=18.6km s-min=10.3km az=86.1.							
NEIC		Event type se. Error ellipse: s-maj=19.8km s-min=11.2km az=133.0.							
SZGRF		Samoa Islands region.							
ISC	I	19 05 37 35.6-20	16.06S-06	173.85W-05	82	5.0b	175	3-175	
BJI	I	19 05 37 32.6	16.85S	173.72W	91	5.4b,4.8b		18078862	
ISCJB	I	19 05 37 33.7-20	16.04S-05	173.87W-05	80	5.0b,4.8b			
MOS	I	19 05 37 35.2-96	16.01S	173.85W	92	5.1b,4.8b			
IDC	I	19 05 37 35.6-2.3	16.04S	173.83W	85-20	5.1,4.9			
NEIC	I	19 05 37 36.1-81	16.04S	173.88W	90-7	5.1b,4.9			
HRVD	I	19 05 37 36.2-20	16.04S	173.32W	132-2	5.2W,4.9			
SZGRF	I	19 05 37 38.7	17.00S	174.75W	122	5.2W,4.9			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=9.3km s-min=4.7km az=102.2.							
MOS		Error ellipse: s-maj=13.2km s-min=9.2km az=135.4.							
IDC		Error ellipse: s-maj=17.3km s-min=10.9km az=139.0.							
NEIC		Event type se. Error ellipse: s-maj=7.0km s-min=3.3km az=140.0.							
HRVD		Error ellipse: s-maj=1.1km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s53,c69; Mantle waves: s74,c133; Half duration: 1s0 Moment tensor: Scale 10 ¹⁷ Nm; Mrr:0.18±0.03; Mθθ:0.35±0.03; Mφφ:0.52±0.03; Mrr:0.19±0.02; Mθθ:0.16±0.03; Mφφ:0.76±0.02; Best double couple: NP1:φ:54.0000°; δ26.0000°; λ:19.0000°; NP2:φ:161.0000°; δ82.0000°; λ:115.0000°; Principal axes: T:1.0090,Plg32.0000°; Azm272.0000°; N:-0.2150,Plg25.0000°; Azm165.0000°; P:-0.7950,Plg47.0000°; Azm45.0000°; M:0.90200×10 ¹⁷							
SZGRF		Tonga Islands.							
ISC	I	22 18 15 20.6-6.1	18.79S-08	174.0W-10	3-37	4.4b,3.8s	37	5-152	
ISCJB	I	22 18 15 20.0-39	18.87S-07	174.06W-10	10	4.4b,3.8s		18188340	
IDC	I	22 18 15 20.3-61	18.72S	174.13W	0	4.5,4.4			

NEIC	I	22 18 15 22.6-33	18.70S	174.08W	15	4.7b,4.4			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=15.6km s-min=7.3km az=67.7.							
IDC		Error ellipse: s-maj=29.6km s-min=14.5km az=131.0.							
NEIC		Event type se. Error ellipse: s-maj=15.0km s-min=6.8km az=137.0.							
ISC	I	25 21 55 19.9-32	21.76S-08	174.59W-08	35	4.8b,4.4s	78	8-171	
IDC	I	25 21 55 14.3-64	21.71S	174.55W	0	4.8,4.6		18188398	
MOS	I	25 21 55 14.8-78	21.71S	174.65W	10	5.2b,4.5s			
NEIC	I	25 21 55 16.0-25	21.70S	174.63W	10	5.0b,4.7s			
BJI	I	25 21 55 15.9	21.70S	174.69W	10	5.6b,5.2s			
HRVD	I	25 21 55 16.0-60	22.00S	173.60W	22-1	4.9W,5.2s			
ISCJB	I	25 21 55 18.1-32	21.76S-08	174.66W-08	33	4.8b,4.4s			
ISC		Event type se.							
NEIC		Event type se.							
HRVD		nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s18,c25; Mantle waves: s42,c60; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mrr:2.73±0.30; Mθθ:0.16±0.18; Mφφ:2.56±0.46±32; Mrr:0.36±0.13; Mθθ:1.57±0.26; Best double couple: NP1:φ:199.0000°; δ31.0000°; λ:109.0000°; NP2:φ:357.0000°; δ61.0000°; λ:79.0000°; Principal axes: T:3.2460,Plg72.0000°; Azm240.0000°; N:-0.2300,Plg10.0000°; Azm2.0000°; P:-3.0100,Plg15.0000°; Azm95.0000°; M:3.12800×10 ¹⁶							
ISCJB		Event type se.							
ISC	I	26 20 43 45.2-1.3	15.9S-60	175.1W-30	269-12	3.5b	16	4-84	
ISCJB	I	26 20 43 43.8-1.4	16.0S-60	175.1W-30	274-12	3.5b		19486540	
IDC	I	26 20 43 44.7-1.7	16.07S	174.96W	270-13	3.9,3.6			
NEIC	I	26 20 43 44.4-1.1	16.04S	175.00W	268-11	3.9b,3.6			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=102.4km s-min=14.4km az=119.5.							
IDC		Error ellipse: s-maj=91.3km s-min=14.8km az=150.0.							
NEIC		Event type se. Error ellipse: s-maj=66.1km s-min=10.3km az=150.0.							
ISC	I	09 22 39 46.4-64	16.3S-10	173.2W-10	35	4.4b	13	3-147	
IDC	I	09 22 39 42.2-2.5	16.29S	173.34W	0	4.1,3.8		19479694	
NEIC	I	09 22 39 43.9-53	16.30S	173.30W	15	4.9b,3.8			
ISCJB	I	09 22 39 44.6-66	16.3S-10	173.3W-10	33	4.4b,3.8			
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	I	22 00 32 16.5-1.9	15.4S-70	173.5W-50	10	3.7b,3.1s	9	2-146	
ISCJB	I	22 00 32 14.8-1.9	15.4S-70	173.5W-50	10	3.7b,3.1s		19484700	
IDC	I	22 00 32 15.1-2.6	15.45S	173.46W	0	4.1,3.8			
NEIC	I	22 00 32 16.2-1.7	15.45S	173.45W	10	4.4b,3.8			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=117.2km s-min=14.2km az=111.2.							
IDC		Error ellipse: s-maj=143.9km s-min=22.3km az=144.0.							
NEIC		Event type se. Error ellipse: s-maj=101.0km s-min=13.0km az=145.0.							
ISC	I	29 04 28 43.0-60	16.80S-08	173.30W-09	100	4.1b	19	3-174	
NEIC	I	29 04 28 40.2-1.3	16.98S	173.60W	44-14	4.4b		18188474	
ISCJB	I	29 04 28 41.3-59	16.78S-08	173.36W-09	100	4.1b			
IDC	I	29 04 28 44.9-7.0	17.11S	173.75W	81				

HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s34,c50; Mantle waves: s81,c130;Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=0.35±.16 Mw=2.51±.14; Mww=2.16±.12; Mw=2.32±.39; Mw=1.51±.09; Mw=4.66±.70; Best double couple: NP1:φ=116.00000°,δ28.00000°,λ-4.00000°; NP2:φ=209.00000°,δ88.00000°,λ-118.00000°. Principal axes: T 5.8000,Plg37.0000°,Az=324.0000°; N 0.2170,Plg28.0000°,Az=210.0000°; P -6.0130,Plg40.0000°,Az=93.0000°; M=5.90600×10 ¹⁶								
IDC	Error ellipse: s-maj=20.4km s-min=13.7km az=124.0.								
NEIC	Event type se. Error ellipse: s-maj=8.0km s-min=4.7km az=153.0.								
MOS	Error ellipse: s-maj=10.4km s-min=7.9km az=49.2.								
SZGRF	Tonga Islands.								
ISC	V 05 16 31 29.4-45 20.35-10 173.97W-09 35 4.3b 32 13-151								
IDC	V 05 16 31 24.4-70 20.14S 174.05W 0 4.4L4.4								
ISCJB	V 05 16 31 27.5-45 20.35-10 174.05W-09 33 4.3b,4.4								
MOS	V 05 16 31 27.1-2 20.35S 173.99W 33 4.7b,4.4								
NEIC	V 05 16 31 29.6-35 20.17S 174.08W 35 4.5b,4.4								
ISC	Event type se.								
IDC	Error ellipse: s-maj=26.4km s-min=17.0km az=133.0.								
ISCJB	Event type se. Error ellipse: s-maj=16.6km s-min=10.0km az=109.0.								
MOS	Error ellipse: s-maj=28.8km s-min=16.6km az=167.4.								
NEIC	Event type se. Error ellipse: s-maj=14.7km s-min=8.9km az=136.0.								
ISC	V 06 00 28 40.6-60 19.70S-09 173.9W-10 35 4.2b,3.5s 28 6-153								
IDC	V 06 00 28 35.9-75 19.71S 173.99W 0 4.4,4.4								
SZGRF	V 06 00 28 36.0 21.69S 171.66W 33 4.4,4.3								
ISCJB	V 06 00 28 38.2-59 19.67S-09 173.9W-10 33 4.2b,3.5s								
NEIC	V 06 00 28 41.2-39 19.78S 174.06W 35 4.4b,3.5s								
MOS	V 06 00 28 47.4-2.2 18.30S 175.15W 33 4.4b,3.5s								
ISC	Event type se.								
IDC	Error ellipse: s-maj=33.4km s-min=17.5km az=116.0.								
SZGRF	Tonga Islands region.								
ISCJB	Event type se. Error ellipse: s-maj=19.7km s-min=9.3km az=55.6.								
NEIC	Event type se. Error ellipse: s-maj=16.2km s-min=10.2km az=121.0.								
MOS	Error ellipse: s-maj=22.5km s-min=14.8km az=149.0.								
ISC	V 06 08 44 07.8-41 19.95S-10 174.5W-10 35 4.4b,3.7s 42 7-154								
IDC	V 06 08 44 02.5-70 19.92S 174.51W 0 4.4L4.4								
ISCJB	V 06 08 44 06.0-40 20.05-10 174.6W-10 33 4.4b,3.7s								
SZGRF	V 06 08 44 06.7 20.76S 175.35W 33 4.4b,3.7s								
NEIC	V 06 08 44 06.3-33 19.93S 174.53W 25 4.8b,3.7s								
MOS	V 06 08 44 16.1-1.4 17.68S 176.28W 33 5.0b,3.7s								
ISC	Event type se.								
IDC	Error ellipse: s-maj=28.9km s-min=16.1km az=138.0.								
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=9.4km az=91.6.								
SZGRF	Tonga Islands.								
NEIC	Event type se. Error ellipse: s-maj=14.9km s-min=7.4km az=132.0.								
MOS	Error ellipse: s-maj=23.8km s-min=15.0km az=145.8.								
ISC	V 06 14 01 06.4-38 20.06S-08 174.18W-09 35 4.4b,3.9s 57 7-172								
IDC	V 06 14 01 01.0-61 20.01S 174.24W 0 4.8L4.4								
ISCJB	V 06 14 01 04.7-38 20.03S-08 174.32W-09 33 4.4b,3.9s								
SZGRF	V 06 14 01 06.2-33 20.00S 174.24W 35 4.7b,3.9s								
NEIC	V 06 14 01 06.4-2.8 20.10S 174.39W 33 4.9b,3.9s								
MOS	V 06 14 01 06.4-2.8 20.10S 174.39W 33 4.9b,3.9s								
ISC	Event type se.								
IDC	Error ellipse: s-maj=25.3km s-min=17.1km az=134.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.5km s-min=10.0km az=77.4.								
NEIC	Event type se. Error ellipse: s-maj=12.9km s-min=9.3km az=135.0.								
MOS	Error ellipse: s-maj=18.6km s-min=15.2km az=135.5.								
ISC	V 06 15 05 06.0-35 20.00S-07 174.46W-09 41 4.6b,4.1s 66 7-153								
IDC	V 06 15 05 00.6-58 19.80S 174.52W 0 4.5,4.4								
SZGRF	V 06 15 05 03.9 20.72S 175.11W 33 4.5,4.4								
ISCJB	V 06 15 05 04.4-35 20.01S-07 174.60W-09 39 4.6b,4.1s								
NEIC	V 06 15 05 04.6 19.90S 174.60W 44 5.1b,4.9s								
MOS	V 06 15 05 06.7-28 19.95S 174.58W 44 4.7b,4.9s								
ISC	Event type se.								
IDC	Error ellipse: s-maj=25.0km s-min=15.0km az=126.0.								
SZGRF	Tonga Islands.								
ISCJB	Event type se. Error ellipse: s-maj=12.2km s-min=9.3km az=60.9.								
NEIC	Event type se. Error ellipse: s-maj=11.5km s-min=7.8km az=128.0.								
MOS	Error ellipse: s-maj=16.6km s-min=14.2km az=71.0.								
ISC	V 06 15 36 50.3-36 20.13S-08 174.28W-08 35 4.7b,4.0s 65 7-152								
IDC	V 06 15 36 45.7-67 19.92S 174.35W 0 4.6,4.5								
ISCJB	V 06 15 36 48.8-36 20.11S-08 174.45W-08 33 4.7b,4.0s								
MOS	V 06 15 36 49.5-1.3 19.90S 174.47W 33 5.2b,4.0s								
BJI	V 06 15 36 49.3 20.34S 174.46W 40 5.2b,5.1s								
NEIC	V 06 15 36 50.8-34 19.91S 174.44W 35 5.0b,5.1s								
ISC	Event type se.								
IDC	Error ellipse: s-maj=24.0km s-min=14.8km az=131.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.0km s-min=9.0km az=90.2.								
MOS	Error ellipse: s-maj=15.7km s-min=12.9km az=52.5.								
NEIC	Event type se. Error ellipse: s-maj=13.4km s-min=7.4km az=136.0.								
ISC	V 06 23 03 38.2-65 19.92S-08 174.0W-10 35 4.2b 20 6-151								
IDC	V 06 23 03 33.3-10 20.34S 174.12W 0 4.3,4.1								
ISCJB	V 06 23 03 35.4-71 19.88S-08 174.0W-10 33 4.2b,4.1								
NEIC	V 06 23 03 38.2-62 19.86S 174.03W 35 4.5b,4.1								
ISC	Event type se.								
IDC	Error ellipse: s-maj=38.5km s-min=23.8km az=136.0.								
ISCJB	Event type se. Error ellipse: s-maj=19.1km s-min=8.4km az=56.1.								
NEIC	Event type se. Error ellipse: s-maj=19.4km s-min=13.4km az=131.0.								
ISC	V 06 23 55 55.8-84 20.85S-20 173.4W-10 35 4.0b 9 7-151								
ISCJB	V 06 23 55 53.0-85 20.75S-20 173.3W-10 33 4.0b								
IDC	V 06 23 55 54.1-5.0 21.09S 173.90W 0 4.0,3.7								
NEIC	V 06 23 56 01.7-1.1 20.26S 174.45W 35 4.4b,3.7								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=22.5km s-min=12.8km az=140.0.								
IDC	Error ellipse: s-maj=224.6km s-min=32.5km az=145.0.								
NEIC	Event type se. Error ellipse: s-maj=42.6km s-min=27.4km az=147.0.								
ISC	V 07 01 43 09.2-73 21.45S-10 173.9W-10 35 4.5b,3.8s 10 8-150								
ISCJB	V 07 01 43 06.7-73 21.35S-10 173.9W-10 33 4.5b,3.8s								
IDC	V 07 01 43 08.7-7.2 21.14S 174.62W 0 4.3,4.0								
NEIC	V 07 01 43 10.3-56 21.93S 173.94W 35 4.7b,4.0								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=20.9km s-min=13.1km az=134.5.								
IDC	Error ellipse: s-maj=338.1km s-min=35.5km az=145.0.								
NEIC	Event type se. Error ellipse: s-maj=30.8km s-min=12.3km az=173.0.								
ISC	V 07 02 33 47.5-14 20.18S-04 174.29W-04 42 5.3b,5.1s 281 7-172								
CSEM	V 07 02 33 41.7 20.12S 174.40W 10 5.5b,5.1s								
IDC	V 07 02 33 41.2-39 20.04S 174.41W 0 5.2,5.2								
ISCJB	V 07 02 33 45.6-14 20.18S-04 174.33W-04 40 5.3b,5.1s								
SZGRF	V 07 02 33 45.1 20.49S 173.60W 33 5.4b,5.1s								
MOS	V 07 02 33 45.5-98 19.93S 174.34W 29 5.5b,5.3s								
CRAAG	V 07 02 33 45.6 20.05S 174.47W 5 5.4b,5.3s								
BJI	V 07 02 33 46.7 19.93S 174.06W 45 5.7b,5.3b								
HRVD	V 07 02 33 47.3-10 20.16S 173.79W 33-0 5.6W,5.3b								
NEIC	V 07 02 33 47.3-09 20.10S 174.41W 41 5.4b,5.3b								
BGS	V 07 02 33 48.8-5.4 20.10S 174.41W 40-0 5.4b,5.3b								
ISC	Event type se.								
IDC	Error ellipse: s-maj=17.6km s-min=11.2km az=139.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.4km s-min=3.7km az=83.2.								
SZGRF	Tonga Islands.								
MOS	Error ellipse: s-maj=10.7km s-min=7.4km az=65.6.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s90,c164; Mantle waves: s102,c189;Half duration: 15 Moment tensor: Scale 1017Nm; Mr=2.03±.05 Mw=0.18±.04; Mww=1.85±.04; Mw=0.94±.06; Mw=1.80±.03; Mw=0.74±.06; Best double couple: NP1:φ=119.00000°,δ52.00000°,λ47.00000°; NP2:φ=356.00000°,δ55.00000°,λ132.00000°. Principal axes: T 2.8070,Plg57.0000°,Az=326.0000°; N 0.1930,Plg33.0000°,Az=149.0000°; P -3.0030,Plg1.0000°,Az=58.0000°; M=2.90500×10 ¹⁷								
NEIC	Event type se. Error ellipse: s-maj=5.9km s-min=2.9km az=134.0.								
BGS	Error ellipse: s-maj=384.2km s-min=99.9km az=-1.0.								
ISC	V 07 11 56 31.5-17 21.26S-04 173.99W-04 45 5.0b,4.8s 229 8-171								

IDC	V 07 11 56 24.9-43 21.07S 174.20W 0 5.3L,4.9								
ORF	V 07 11 56 28.8 26.76S 170.59W 30 5.8b,4.9								
ISCJB	V 07 11 56 29.8-18 21.22S-05 174.05W-04 43 5.0b,4.8s								
SZGRF	V 07 11 56 29.9 21.04S 173.01W 33 5.0b,4.8s								

ISCJB	IV	25 16 51 14.2-1.8	22.4S-60	175.3W-30	33	4.4b,3.9s			
NEIC	IV	25 16 51 17.1-2.0	22.03S	175.37W	35	4.7b,3.9s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=183.8km s-min=22.8km az=152.0.								
MOS	Error ellipse: s-maj=37.5km s-min=23.1km az=182.3.								
ISCJB	Event type se. Error ellipse: s-maj=89.0km s-min=14.4km az=136.9.								
NEIC	Event type se. Error ellipse: s-maj=102.0km s-min=16.0km az=158.0.								
ISC	IV	10 21 53 12.3-7.4	22.8S-20	175.2W-10	10	4.3b,3.7s	28	9-151	
ISCJB	IV	10 21 53 10.8-7.5	22.9S-20	175.3W-10	10	4.3b,3.7s			¶18494098
IDC	IV	10 21 53 11.0-9.0	22.70S	175.34W	10	4.3,4.3			
NEIC	IV	10 21 53 12.4-6.1	22.77S	175.30W	10	4.7b,4.3			
MOS	IV	10 21 53 12.7-2.8	22.71S	174.78W	33	5.3b,4.3			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=26.7km s-min=13.1km az=116.9.								
IDC	Error ellipse: s-maj=37.5km s-min=20.7km az=141.0.								
NEIC	Event type se. Error ellipse: s-maj=23.4km s-min=11.8km az=150.0.								
MOS	Error ellipse: s-maj=19.2km s-min=16.3km az=148.6.								
ISC	IV	03 23 53 24.5-3.6	22.97S-06	175.03W-07	35	4.7b	54	7-170	
IDC	IV	03 23 53 19.2-6.9	22.90S	175.18W	0	5.5L,4.6			¶18503917
ISCJB	IV	03 23 53 22.7-3.5	23.02S-05	175.08W-07	33	4.7b,4.6			
MOS	IV	03 23 53 23.4-1.2	23.05S	175.28W	33	4.8b,4.6			
NEIC	IV	03 23 53 26.0-2.5	23.01S	175.21W	44-21	4.8b,4.6			
BJI	IV	03 23 53 25.9	23.00S	175.20W	44	5.5b,5.0b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=25.9km s-min=17.4km az=137.0.								
ISCJB	Event type se. Error ellipse: s-maj=9.7km s-min=6.9km az=63.7.								
MOS	Error ellipse: s-maj=16.8km s-min=15.3km az=82.5.								
NEIC	Event type se. Error ellipse: s-maj=15.8km s-min=13.8km az=215.0.								
IDC	IV	28 14 09 53.3-8.8	17.56S	170.52W	0	4.4,4.3			¶19598146
IDC	IV	09 09 40 15.4-2.7	22.55S	173.72W	0	4.6,4.4b			
IDC	Error ellipse: s-maj=501.9km s-min=157.7km az=76.0.								
ISC	III	29 17 28 22.3-5.6	23.55S-08	174.78W-10	35	4.4b	25	10-151	
IDC	III	29 17 28 18.4-1.2	23.25S	175.06W	0	4.6,4.4			¶10613006
ISCJB	III	29 17 28 20.4-5.7	23.53S-08	174.84W-10	33	4.4b,4.4			
NEIC	III	29 17 28 21.2-4.6	23.47S	174.85W	25	4.7b,4.4			
ISC	Event type se.								
IDC	Error ellipse: s-maj=49.5km s-min=19.6km az=149.0.								
ISCJB	Event type se. Error ellipse: s-maj=14.9km s-min=9.2km az=74.0.								
NEIC	Event type se. Error ellipse: s-maj=17.2km s-min=9.4km az=157.0.								
IDC	VI	24 11 16 43.1-2.7	23.28S	173.57W	0	4.0,3.9b			¶19600387
IDC	Error ellipse: s-maj=502.9km s-min=151.5km az=78.0.								
IDC	VI	24 01 13 32.9-2.9	23.66S	173.91W	0	4.4,4.2b			¶19600377
IDC	Error ellipse: s-maj=529.5km s-min=155.3km az=77.0.								
IDC	VI	22 16 51 54.2-2.6	19.73S	172.73W	0	4.0,3.9b			¶19600317
IDC	Error ellipse: s-maj=488.9km s-min=160.8km az=74.0.								
IDC	III	10 11 26 48.1-5.7	22.91S	173.03W	0	4.2,4.1b			¶10601072
IDC	Error ellipse: s-maj=1084.0km s-min=178.4km az=88.0.								
IDC	III	29 19 55 08.8-2.7	23.22S	174.71W	0	4.0,3.9			¶10613046
IDC	Error ellipse: s-maj=487.9km s-min=150.6km az=78.0.								
IDC	III	30 21 41 10.5-4.5	17.12S	172.17W	0	4.3,4.1b			¶10613952
IDC	Error ellipse: s-maj=141.4km s-min=33.6km az=125.0.								
IDC	III	07 16 15 13.1-5.5	17.65S	171.74W	0	4.2,4.0b			¶10599143
IDC	Error ellipse: s-maj=1067.0km s-min=188.8km az=81.0.								
ISC	III	25 13 45 15.0-2.9	22.4S-20	174.4W-10	119-36	4.2b	14	9-151	
IDC	III	25 13 45 06.0-4.0	23.50S	174.88W	0	4.2,4.1b			¶10610378
NEIC	III	25 13 45 08.5-6.4	22.70S	174.70W	35	4.6b,4.1b			
ISCJB	III	25 13 45 12.0-3.8	22.5S-20	174.19W-08	121-44	4.2b,4.1b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	III	29 16 55 40.0-3.0	22.7S-10	175.3W-10	53-26	4.2b	27	9-150	
ISCJB	III	29 16 55 36.3-3.5	22.8S-10	175.4W-10	33-24	4.2b			¶10612982
NEIC	III	29 16 55 36.3-5.9	22.58S	175.30W	25	4.4b			
IDC	III	29 16 55 40.5-3.1	22.76S	175.35W	57-27	4.2,4.2			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=25.4km s-min=16.7km az=131.6.								
NEIC	Event type se. Error ellipse: s-maj=21.1km s-min=12.4km az=134.0.								
IDC	Error ellipse: s-maj=29.3km s-min=15.0km az=155.0.								
IDC	III	30 11 00 27.4-9.7	22.56S	175.19W	0	4.3,4.1			¶10613499
IDC	Error ellipse: s-maj=37.1km s-min=21.0km az=140.0.								
ISC	III	29 06 38 24.2-1.7	22.95S-04	175.06W-05	47	5.2b,4.8s	200	7-170	
MOS	III	29 06 38 21.6-8.9	22.76S	175.19W	33	5.5b,5.0s			¶10612735
ISCJB	III	29 06 38 22.6-1.7	22.93S-04	175.13W-05	46	5.2b,4.8s			
BJI	III	29 06 38 23.9	22.90S	175.10W	46	5.7b,5.4s			
IDC	III	29 06 38 24.0-2.0	22.87S	175.32W	45-17	5.2L,5.0			
NEIC	III	29 06 38 24.0-1.6	22.91S	175.11W	46	5.3b,5.0			
HRVD	III	29 06 38 24.0-2.0	23.04S	174.53W	12	5.3W,5.0			
ISC	Event type se.								
MOS	Error ellipse: s-maj=13.0km s-min=9.2km az=60.2.								
ISCJB	Event type se. Error ellipse: s-maj=7.4km s-min=4.3km az=89.6.								
IDC	Error ellipse: s-maj=17.5km s-min=10.5km az=142.0.								
NEIC	Event type se. Error ellipse: s-maj=7.8km s-min=4.1km az=134.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s67,c109; Mantle waves: s86,c147; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; Mrr=0.53±0.1; Mθθ=0.7±0.1; Mφφ=0.5±0.4; Mrr=0.5±0.4; Mθθ=0.7±0.4; Mφφ=0.5±0.4; Best double couple: NP1:φ=48.00000°,δ16.00000°,λ-111.00000°; NP2:φ=213.00000°,δ75.00000°,λ-84.00000°. Principal axes: T 1.0300,Plg30.0000°,AzM298.0000°; N 0.0240,Plg6.0000°,AzM31.0000°; P -1.0530,Plg60.0000°,AzM131.0000° M4.04200×10 ¹⁷								
ISC	III	29 10 24 08.3-2.1	22.85S-05	175.09W-06	24	5.0b,4.5s	124	7-170	
IDC	III	29 10 24 04.4-4.6	22.73S	175.21W	0	5.1L,5.1			¶10612831
ISCJB	III	29 10 24 06.6-2.2	22.86S-05	175.15W-06	22	5.0b,4.5s			
MOS	III	29 10 24 08.3-8.8	22.80S	175.28W	33	5.2b,4.5s			
NEIC	III	29 10 24 08.1-2.0	22.75S	175.23W	22	5.1b,4.5s			
HRVD	III	29 10 24 08.1-6.0	23.16S	174.67W	15-2	5.0W,4.5s			
BJI	III	29 10 24 09.4	22.29S	174.58W	36	5.6b,5.4s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=17.0km s-min=13.4km az=139.0.								
ISCJB	Event type se. Error ellipse: s-maj=8.9km s-min=5.8km az=84.0.								
MOS	Error ellipse: s-maj=14.4km s-min=10.0km az=57.7.								
NEIC	Event type se. Error ellipse: s-maj=9.3km s-min=5.3km az=133.0.								
HRVD	Error ellipse: s-maj=5.6km s-min=6.7km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s20,c25; Mantle waves: s53,c72; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mrr=2.28±2.27; Mθθ=0.58±1.8; Mφφ=1.70±2.0; Mrr=0.53±5.6; Mθθ=1.05±1.4; Mφφ=3.92±9.4; Best double couple: NP1:φ=48.00000°,δ20.00000°,λ-44.00000°; NP2:φ=180.00000°,δ76.00000°,λ-105.00000°. Principal axes: T 4.2150,Plg30.0000°,AzM282.0000°; N 0.6600,Plg14.0000°,AzM183.0000°; P -4.8700,Plg56.0000°,AzM71.0000° M4.43000×10 ¹⁶								
ISC	III	29 15 58 22.8-1.9	23.03S-04	175.07W-05	27	5.2b,4.8s	169	7-170	
IDC	III	29 15 58 18.5-4.0	22.90S	175.16W	0	5.1,5.1			¶10612955
ISCJB	III	29 15 58 21.0-1.9	23.06S-04	175.12W-05	25	5.2b,4.8s			
MOS	III	29 15 58 22.4-1.7	22.96S	175.19W	25	5.4b,4.9s			
NEIC	III	29 15 58 22.5	23.09S	175.14W	33	5.5b,4.9s			
CSEM	III	29 15 58 22.4-2.0	23.16S	174.61W	12	5.2W,4.9s			
HRVD	III	29 15 58 23.9	22.89S	174.77W	44	5.5b,5.3b			
BJI	III	29 15 58 23.3-1.5	22.86S	175.27W	33	5.6b,4.8s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=16.1km s-min=14.1km az=144.0.								

ISCJB	Event type se. Error ellipse: s-maj=7.5km s-min=4.8km az=83.6.								
NEIC	Event type se. Error ellipse: s-maj=8.7km s-min=5.0km az=138.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s55,c78; Mantle waves: s81,c129; Half duration: 1s0 Moment tensor: Scale 10 ¹⁶ Nm; Mrr=3.68±1.0; Mθθ=0.97±1.0; Mφφ=2.71±1.0; Mrr=3.56±2.8; Mθθ=1.49±0.8; Mφφ=2.5±2.7; Best double couple: NP1:φ=23.00000°,δ17.00000°,λ-105.00000°; NP2:φ=218.00000°,δ74.00000°,λ-85.00000°. Principal axes: T 6.5270,Plg28.0000°,AzM305.0000°; N 0.1900,Plg4.0000°,AzM37.0000°; P -6.7160,Plg61.0000°,AzM135.0000° M6.62200×10 ¹⁶								
MOS	Error ellipse: s-maj=12.7km s-min=10.5km az=71.0.								
ISC	III	29 16 12 59.1-2.8	22.87S-06	175.22W-07	26	4.8b,4.6s	81	7-170	
ISCJB	III	29 16 12 57.4-2.8	22.83S-06	175.32W-07	24	4.8b,4.6s			¶10612962
MOS	III	29 16 12 58.9-8.2	22.77S	175.35W	33	5.0b,4.6s			
BJI	III	29 16 12 58.4	22.60S	175.14W	21	5.4s,5.4b			
NEIC	III	29 16 12 59.4-6.4	22.78S	175.28W	27-43	4.9b,5.4b			
IDC	III	29 16 13 03.2-2.6	22.85S	175.29W	60-22	4.5,4.4			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=10.5km s-min=7.2km az=90.6.								
MOS	Error ellipse: s-maj=16.9km s-min=13.5km az=56.8.								
NEIC	Event type se. Error ellipse: s-maj=13.3km s-min=10.7km az=154.0.								
IDC	Error ellipse: s-maj=20.2km s-min=11.8km az=149.0.								
ISC	III	29 16 20 46.3-4.4	22.99S-08	175.24W-08	35	4.5b,4.2s	39	7-151	
ISCJB	III	29 16 20 44.6-4.3	22.95S-08	175.31W-08	33	4.5b,4.2s			¶10612963
NEIC	III	29 16 20 44.7-3.9	22.87S	175.26W	25	4.8b,4.2s			
BJI	III	29 16 20 44.7	22.90S	175.30W	25	5.5s,5.3b			
IDC	III	29 16 20 50.7-2.6	22.89S	175.34W	75-22	4.4,4.3			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=12.6km s-min=9.8km az=103.2.								
NEIC	Event type se. Error ellipse: s-maj=13.3km s-min=9.2km az=143.0.								
IDC	Error ellipse: s-maj=23.0km s-min=12.3km az=157.0.								
ISC	III	29 16 48 37.4-1.5	23.3S-40	175.0W-20	35	4.9s,4.5b	27	10-151	
BJI	III	29 16 48 31.0	23.49S	174.30W	15	5.1b,5.0s			¶10612977
NEIC	III	29 16 48 33.7-9.4	23.83S	174.69W	25	4.7b,5.0s			
ISCJB	III	29 16 48 35.4-1.5	23.4S-40	175.1W-20	33	4.9s,4.5b			
IDC	III	29 16 48 41.5-3.9	22.96S	175.23W	62-30	4.3,4.3			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=49.0km s-min=13.7km az=166.0.								
ISCJB	Event type se. Error ellipse: s-maj=60.4km s-min=13.5km az=130.0.								
IDC	Error ellipse: s-maj=69.4km s-min=15.6km az=157.0.								
ISC	III	30 06 23 30.9-6.1	22.62S-10	175.0W-10	35	4.3b,3.2s	25	9-170	
IDC	III	30 06 23 26.7-7.0	22.76S	175.14W	0	4.5,4.4			¶10613279
ISCJB	III	30 06 23 28.2-7.1	22.5S-10	174.9W-10	33	4.3b,3.2s			
NEIC	III	30 06 23 30.1-5.2	22.65S	175.07W	25	4.5b,3.2s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=28.7km s-min=18.4km az=151.0.								
ISCJB	Event type se. Error ellipse: s-maj=15.9km s-min=14.4km az=58.4.								
NEIC	Event type se. Error ellipse: s-maj=17.2km s-min=12.2km az=137.0.								
NEIC	III	18 21 46 17.6-2.9	22.85S	175.33W	35	4.4b			
IDC	III	18 21 46 19.8-6.2	19.80S	177.01W	0	4.2,3.9b			¶10606185
NEIC	Event type se. Error ellipse: s-maj=206.0km s-min=28.0km az=159.0.								
IDC	Error ellipse: s-maj=312.4km s-min=58.8km az=149.0.								
ISC	VI	06 23 10 33.5-6.0	22.68S-06	175.9W-10	35	4.7b	28	7-170	
IDC	VI	06 23 10 30.3-9.8	22.77S	176.32W	0	4.6,4.5			¶9221

Azm281.0000°; N 1.0850,Plg3.0000°;Azm26.0000°; P -7.9140,Plg11.0000°;Azm117.0000° M7.37400x1016									
ISCJB	Event type se. Error ellipse: s-maj=18.6km s-min=5.3km az=38.8.								
ISC	V	20 17 28 17.3-62	31.66S-05	179.3W-10	89-8	4.4b	55	3-88	
ISCJB	V	20 17 28 16.1-69	31.64S-05	179.3W-10	92-9	4.4b		19131803	
NEIC	V	20 17 28 17.9-95	31.63S	178.98W	114-10	4.7b			
IDC	V	20 17 28 18.3-2.4	31.55S	179.01W	114-73	4.2,3.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=19.0km s-min=10.2km az=104.0.								
NEIC	Event type se. Error ellipse: s-maj=17.5km s-min=12.7km az=108.0.								
IDC	Error ellipse: s-maj=17.5km s-min=12.7km az=108.0.								
IDC	VI	23 04 11 32.0-9.2	27.22S	179.91W	451-72	4.1,3.3			
IDC	Error ellipse: s-maj=104.5km s-min=26.8km az=48.0.								
IDC	VI	25 15 32 04.9-1.3	31.55S	179.55W	0	4.1,3.9			
IDC	Error ellipse: s-maj=51.4km s-min=27.5km az=151.0.								
ISC	VI	02 15 17 47.6-4.2	29.56S-07	176.8W-10	31-28	4.6b,3.7s	28	1-164	
IDC	VI	02 15 17 42.3-9.1	29.53S	176.59W	0	4.5,4.3		18650023	
NEIC	VI	02 15 17 44.1-7.2	29.47S	176.68W	10	4.6b,4.3			
ISCJB	VI	02 15 17 48.8-2.1	29.66S-07	176.9W-20	53-15	4.6b,3.7s			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	VI	28 14 42 42.8-7.5	31.51S-06	179.6W-20	63-12	4.5b	39	3-162	
ISCJB	VI	28 14 42 40.3-1.1	31.54S-05	179.7W-20	53-17	4.5b		19222800	
IDC	VI	28 14 42 44.9-1.3	31.49S	179.05W	122-19	4.4,4.1			
NEIC	VI	28 14 42 45.5-1.1	31.43S	179.54W	94-14	4.6b,4.1			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=23.7km s-min=5.0km az=38.3.								
IDC	Error ellipse: s-maj=36.3km s-min=13.4km az=110.0.								
NEIC	Event type se. Error ellipse: s-maj=19.5km s-min=12.9km az=96.0.								
ISC	IV	01 04 54 56.5-2.3	29.56S-07	176.9W-20	40-16	4.8b,4.5s	34	1-164	
B/J	IV	01 04 54 48.9	29.40S	176.90W	10	5.5b,5.3s		110697433	
IDC	IV	01 04 54 50.3-8.8	29.29S	176.83W	0	4.6b,4.6			
NEIC	IV	01 04 54 51.9-4.9	29.42S	176.88W	10	4.7b,4.6			
MOS	IV	01 04 54 55.5-1.2	29.41S	177.09W	33	5.0b,4.6			
ISCJB	IV	01 04 54 57.3-2.0	29.67S-06	177.1W-20	58-12	4.8b,4.5s			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV	01 20 21 42.5-2.5	29.56S-08	176.9W-20	44-17	4.4b,4.1s	14	1-164	
NEIC	IV	01 20 21 37.0-7.2	29.43S	176.70W	10	4.6b,4.1s		19594049	
ISCJB	IV	01 20 21 42.4-2.3	29.66S-07	177.0W-20	56-14	4.4b,4.1s			
IDC	IV	01 20 21 44.4-2.8	29.55S	177.11W	49-18	4.3,4.2			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=14.8km s-min=13.4km az=156.0.								
ISCJB	Event type se. Error ellipse: s-maj=28.4km s-min=12.0km az=176.6.								
IDC	Error ellipse: s-maj=34.6km s-min=21.8km az=83.0.								
ISC	IV	02 22 59 40.1-1.7	29.41S-07	176.8W-10	48-13	4.9b,4.3s	63	1-168	
IDC	IV	02 22 59 32.6-5.5	29.27S	176.65W	0	4.8,4.7		18228696	
HRVD	IV	02 22 59 34.4-5.0	29.17S	176.12W	33-1	4.9W,4.7			
NEIC	IV	02 22 59 34.4-3.3	29.28S	176.70W	10	4.9b,4.7			
B/J	IV	02 22 59 34.4	29.20S	176.70W	10	5.6b,5.3s			
MOS	IV	02 22 59 37.7-1.6	29.25S	176.87W	33	5.0b,5.3s			
ISCJB	IV	02 22 59 40.3-1.5	29.47S-07	176.9W-10	61-12	4.9b,5.3s			
ISC	Event type se.								
HRVD	nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s20,c21; Mantle waves: s43,c51; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} :1.83±.26 M _{θθ} :0.86±.22; M _{φφ} :2.70±.18; M _{rr} :0.46±.26; M _{θθ} :0.71±.16; M _{φφ} :1.77±.15; Best double couple: NP1:φ=218.00000°,δ33.00000°,λ133.00000°; NP2:φ=350.00000°,δ66.00000°,λ66.00000°. Principal axes: T 2.6910,Plg61.0000°; Azm224.0000°; N 0.6760,Plg22.0000°;Azm360.0000°; P -3.3740,Plg18.0000°;Azm97.0000°; M5.03200x1016								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV	04 12 57 30.3-2.6	29.65S-20	176.8W-30	10	4.2b,3.4s	12	1-151	
ISCJB	IV	04 12 57 30.3-2.6	29.85S-20	177.0W-40	10	4.2b,3.4s		19594239	
NEIC	IV	04 12 57 30.2-8.3	29.54S	176.85W	10	4.5b,3.4s			
IDC	IV	04 12 57 34.2-7.8	29.67S	176.89W	33-48	3.8,3.8			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=50.0km s-min=16.3km az=127.4.								
NEIC	Event type se. Error ellipse: s-maj=17.3km s-min=12.1km az=61.0.								
IDC	Error ellipse: s-maj=56.0km s-min=39.0km az=89.0.								
ISC	IV	04 16 14 38.0-2.3	29.81S-08	176.9W-30	10	4.1b	14	1-145	
ISCJB	IV	04 16 14 35.0-2.3	29.81S-08	176.8W-30	10	4.1b		19594248	
IDC	IV	04 16 14 35.6-3.0	29.66S	176.79W	0	4.3,4.2			
NEIC	IV	04 16 14 37.4-1.4	29.73S	176.91W	10	4.3,4.2			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=33.1km s-min=10.4km az=166.7.								
IDC	Error ellipse: s-maj=57.5km s-min=40.8km az=51.0.								
NEIC	Event type se. Error ellipse: s-maj=24.0km s-min=12.1km az=67.0.								
ISC	IV	05 00 27 33.7-6.2	29.83S-07	176.7W-10	35	5.0b,4.3s	33	1-160	
IDC	IV	05 00 27 29.2-9.1	29.73S	176.82W	0	4.7,4.6		18228793	
NEIC	IV	05 00 27 30.5-5.8	29.75S	176.82W	10	5.1b,4.6			
B/J	IV	05 00 27 30.4	29.70S	176.80W	10	5.7b,5.4s			
ISCJB	IV	05 00 27 31.9-6.4	29.87S-07	176.7W-10	33	5.0b,4.3s			
MOS	IV	05 00 27 37.4-3.3	28.59S	177.22W	33	5.5b,4.3s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=22.6km s-min=20.7km az=155.0.								
NEIC	Event type se. Error ellipse: s-maj=21.2km s-min=12.2km az=168.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.9km s-min=8.5km az=50.0.								
MOS	Error ellipse: s-maj=19.8km s-min=14.5km az=136.5.								
ISC	IV	06 00 09 39.5-6.7	28.65S-10	177.2W-20	2-45	4.7b,4.0s	14	1-165	
NEIC	IV	06 00 09 39.3-7.9	29.11S	176.94W	10	4.9b,4.0s		18494010	
IDC	IV	06 00 09 40.0-1.1	28.59S	177.39W	0	4.7,4.5			
ISCJB	IV	06 00 09 40.8-6.5	28.55S-10	177.2W-20	27-46	4.7b,4.0s			
MOS	IV	06 00 09 42.7-1.3	28.53S	177.25W	34	4.3b,4.0s			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=35.6km s-min=17.9km az=165.0.								
IDC	Error ellipse: s-maj=38.9km s-min=19.2km az=125.0.								
ISCJB	Event type se. Error ellipse: s-maj=36.8km s-min=18.7km az=42.2.								
MOS	Error ellipse: s-maj=36.2km s-min=23.5km az=142.2.								
ISC	IV	08 17 31 04.7-1.5	29.60S-08	176.5W-20	35	4.1b	14	1-151	
IDC	IV	08 17 31 00.2-1.8	29.61S	176.64W	0	4.3,4.1b		19594483	
NEIC	IV	08 17 31 01.6-1.3	29.56S	176.69W	10	4.5b,4.1b			
ISCJB	IV	08 17 31 02.1-1.5	29.70S-08	176.5W-20	33	4.1b,4.1b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV	12 14 57 08.2-6.9	27.79S-04	178.3W-20	400-8	3.5b	53	2-147	
IDC	IV	12 14 57 05.6-7.9	27.66S-05	178.3W-20	397-10	3.5b		19594736	
ISCJB	IV	12 14 57 08.3-8.9	27.27S	178.95W	358-10	4.3,3.7			
NEIC	IV	12 14 57 08.8-8.0	27.16S	178.92W	363-9	3.6b,3.7			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=22.2km s-min=6.6km az=14.6.								
IDC	Error ellipse: s-maj=17.9km s-min=12.6km az=119.0.								
NEIC	Event type se. Error ellipse: s-maj=15.9km s-min=11.1km az=126.0.								
ISC	IV	14 05 17 16.4-7.3	29.58S-06	176.86W-09	35	4.5b,3.8s	31	1-157	
IDC	IV	14 05 17 11.8-8.4	29.05S	176.96W	0	4.5,4.4		18320513	
NEIC	IV	14 05 17 13.1-4.6	29.03S	176.98W	10	4.6b,4.4			
B/J	IV	14 05 17 13.1	29.00S	177.00W	10	5.1b,5.1s			
ISCJB	IV	14 05 17 15.8-7.6	29.45S-10	177.1W-10	33	4.5b,3.8s			
MOS	IV	14 05 17 16.6-1.1	29.20S	177.15W	33	4.7b,3.8s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=29.5km s-min=17.1km az=156.0.								
NEIC	Event type se. Error ellipse: s-maj=15.2km s-min=12.7km az=154.0.								
ISCJB	Event type se. Error ellipse: s-maj=16.5km s-min=13.9km az=123.3.								
MOS	Error ellipse: s-maj=23.2km s-min=21.6km az=176.0.								
NEIC	IV	03 04 46 16.9-1.4	28.65S	177.02W	10	4.5b			
IDC	IV	03 04 46 13.8-1.7	29.49S	176.70W	0	4.1,3.9		18493951	

NEIC	Event type se. Error ellipse: s-maj=39.4km s-min=18.7km az=136.0.								
IDC	Error ellipse: s-maj=79.3km s-min=28.0km az=4.0.								
ISC	IV	29 23 20 14.4-1.7	31.45S-10	179.6E-30	443-14	4.0b	31	6-162	
ISCJB	IV	29 23 20 10.9-1.9	31.35S-10	180.0E-30	452-16	4.0b		19598224	
NEIC	IV	29 23 20 13.3-1.9	31.20S	179.84E	454-17	4.1b			
IDC	IV	29 23 20 13.7-3.0	31.39S	179.84E	460-29	4.7,3.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=40.1km s-min=16.6km az=161.2.								
NEIC	Event type se. Error ellipse: s-maj=27.9km s-min=14.2km az=54.0.								
IDC	Error ellipse: s-maj=31.3km s-min=20.9km az=39.0.								
ISC	IV	01 03 40 51.2-1.4	29.58S-06	177.0W-10	49-10	4.8b,4.5s	48	1-164	
B/J	IV	01 03 40 45.9	29.00S	176.90W	10	5.5b,5.2s		18228615	
NEIC	IV	01 03 40 45.9-4.3	29.03S	176.94W	10	4.8b,5.2s			
HRVD	IV	01 03 40 45.9-3.0	29.32S	176.68W	17-1	5.1W,5.2s			
MOS	IV	01 03 40 48.1-1.4	28.97S	176.77W	33	4.8b,5.2s			
ISCJB	IV	01 03 40 50.0-1.5	29.67S-06	177.0W-10	55-10	4.8b,4.5s			
IDC	IV	01 03 40 53.2-1.6	29.15S	177.12W	61-11	4.4s,4.4			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=15.8km s-min=11.2km az=136.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s30,c44; Mantle waves: s60,c85; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} :3.68±.22 M _{θθ} :0.49±.17; M _{φφ} :3.18±.16; M _{rr} :2.94±.49; M _{θθ} :1.35±.11; M _{φφ} :2.33±.40; Best double couple: NP1:φ=187.00000°,δ26.00000°,λ58.00000°; NP2:φ=42.00000°,δ68.00000°,λ105.00000°. Principal axes: T 5.4630,Plg64.0000°;Azm336.0000°; N -0.3870,Plg14.0000°;Azm216.0000°; P -5.0690,Plg22.0000°;								

ISC	IV	01 13 29 35.3-51	29.51S-05	176.72W-07	35	4.6b	59	1-164
NEIC	IV	01 13 29 31.8-55	29.56S	176.70W	10	4.8b		
IDC	IV	01 13 29 32.9-84	28.76S	177.15W	0	4.6,4.5		
ISCJB	IV	01 13 29 33.0-49	29.61S-05	176.66W-06	33	4.6b,4.5		
BJI	IV	01 13 29 33.7	29.60S	176.70W	10	5.5b,4.8b		
MOS	IV	01 13 29 36.9-1.5	28.85S	177.18W	33	4.9b,4.8b		
ISC	Event type se.							
NEIC	Error ellipse: s-maj=17.6km s-min=11.2km az=144.0.							
IDC	Error ellipse: s-maj=29.2km s-min=15.4km az=141.0.							
ISCJB	Event type se. Error ellipse: s-maj=8.2km s-min=6.9km az=35.1.							
MOS	Error ellipse: s-maj=18.6km s-min=14.8km az=59.9.							
ISC	IV	01 20 30 20.5-1.1	29.85-10	176.9W-20	35	4.2b	17	1-151
IDC	IV	01 20 30 14.7-1.3	29.99S	176.75W	0	4.2,4.0		
NEIC	IV	01 20 30 16.3-4.6	29.91S	176.9W	10	4.5b,4.0		
ISCJB	IV	01 20 30 18.6-1.1	29.95-10	176.9W-20	33	4.2b,4.0		
MOS	IV	01 20 30 20.5-1.1	30.15S	177.21W	33	4.6b,4.0		
ISC	Event type se.							
IDC	Error ellipse: s-maj=46.9km s-min=24.3km az=168.0.							
NEIC	Event type se. Error ellipse: s-maj=12.5km s-min=10.6km az=201.0.							
ISCJB	Event type se. Error ellipse: s-maj=25.8km s-min=10.8km az=98.3.							
MOS	Error ellipse: s-maj=33.6km s-min=21.8km az=38.0.							
ISC	IV	01 13 34 54.3-6.4	29.29S-10	176.71W-08	35	4.5b	26	1-164
NEIC	IV	01 13 34 51.0-5.3	29.24S	176.76W	10	4.9b		
IDC	IV	01 13 34 50.5-9.3	29.13S	176.87W	0	4.5,4.4		
ISCJB	IV	01 13 34 51.5-6.8	29.35S-09	176.63W-08	33	4.5b,4.4		
MOS	IV	01 13 34 53.4-1.4	29.09S	176.75W	33	5.0b,4.4		
ISC	Event type se.							
NEIC	Error ellipse: s-maj=16.4km s-min=8.9km az=141.0.							
IDC	Error ellipse: s-maj=35.2km s-min=15.4km az=159.0.							
ISCJB	Event type se. Error ellipse: s-maj=13.9km s-min=8.9km az=139.0.							
MOS	Error ellipse: s-maj=26.1km s-min=16.0km az=161.7.							
ISC	IV	01 17 29 54.7-2.6	29.64S-07	177.0W-20	40-17	4.3b,3.6s	20	1-153
IDC	IV	01 17 29 48.8-9.8	29.20S	176.93W	0	4.3,4.1		
NEIC	IV	01 17 29 50.1-7.6	29.54S	176.86W	10	4.8b,4.1		
ISCJB	IV	01 17 29 54.8-2.6	29.74S-06	177.1W-20	53-15	4.3b,3.6s		
ISC	Event type se.							
NEIC	Error ellipse: s-maj=14.3km s-min=11.5km az=141.0.							
MOS	Error ellipse: s-maj=16.2km s-min=13.8km az=43.4.							
ISC	IV	01 17 55 56.6-1.4	29.95S-03	176.93W-05	13-8	5.2s,5.1b	135	1-163
NEIC	IV	01 17 55 55.7-2.0	29.56S	176.77W	10	5.2b,5.1s		
HRVD	IV	01 17 55 55.7-10	29.65S	176.52W	12	5.6W,5.1s		
ISCJB	IV	01 17 55 55.1-1.3	30.07S-03	176.93W-05	14-7	5.2s,5.1b		
BJI	IV	01 17 55 55.7	29.60S	176.80W	10	5.9b,5.4b		
MOS	IV	01 17 55 59.6-1.6	29.50S	176.88W	33	5.4b,5.2s		
CSEM	IV	01 17 56 00.1	29.63S	176.97W	46	5.6L,5.2s		
IDC	IV	01 17 56 01.7-1.1	29.63S	176.93W	49-8	5.2s,5.2		
ISC	Event type se.							
NEIC	Error ellipse: s-maj=8.0km s-min=6.5km az=149.0.							
HRVD	Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s76,c142; Mantle waves: s92,c226; Half duration: 1s5 Moment tensor: Scale 10 ¹⁷ Nm; M ₁₁ :1.63±0.2; M ₂₂ :0.03±0.2; M ₃₃ :1.59±0.2; M ₄₄ :0.49±0.6; M ₅₅ :0.61±0.2; M ₆₆ :2.06±0.6; Best double couple: NP1:φ:204.00000°; δ2:20.00000°; λ99.00000°; NP2:φ:14.00000°; δ71.00000°; λ87.00000°; Principal axes: T 2.6460,Plg64.0000°; Azm279.0000°; N 0.1640,Plg3.0000°; Azm16.0000°; P -2.8030,Plg25.0000°; Azm107.0000°; M2.72500x10 ¹⁷							
ISCJB	Event type se. Error ellipse: s-maj=7.0km s-min=5.2km az=28.3.							
MOS	Error ellipse: s-maj=13.3km s-min=10.8km az=105.9.							
IDC	Error ellipse: s-maj=15.0km s-min=10.1km az=19.0.							
ISC	IV	01 19 22 47.0-6.5	30.04S-10	176.8W-50	5-42	4.0b	11	1-152
NEIC	IV	01 19 22 45.4-6.2	30.16S-09	176.6W-50	18-36	4.0b		
IDC	IV	01 19 22 46.7-1.9	30.01S	176.80W	0	4.1,4.0		
NEIC	IV	01 19 22 47.4-1.2	30.00S	176.77W	10	4.5b,4.0		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=67.5km s-min=14.4km az=8.3.							
IDC	Error ellipse: s-maj=45.3km s-min=37.3km az=4.0.							
NEIC	Event type se. Error ellipse: s-maj=24.7km s-min=15.6km az=88.0.							
ISC	IV	01 19 25 39.6-5.2	29.87S-09	177.0W-30	3-44	4.2b	9	1-151
IDC	IV	01 19 25 38.3-1.5	29.89S	176.85W	0	4.2b,4.2		
ISCJB	IV	01 19 25 39.1-4.8	29.97S-08	176.9W-20	19-36	4.2b,4.2		
ISC	IV	01 20 11 33.6-4.2	29.90S-06	176.7W-10	1-27	4.5b	25	1-163
IDC	IV	01 20 11 33.6-9.1	29.90S	176.79W	0	4.4,4.3b		
NEIC	IV	01 20 11 34.6-6.2	29.94S	176.72W	10	4.7b,4.3b		
ISCJB	IV	01 20 11 38.7-2.6	29.98S-06	176.9W-20	50-17	4.4b,4.3b		
MOS	IV	01 20 11 42.2-2.7	28.78S	177.35W	33	4.9b,4.3b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=21.9km s-min=20.3km az=21.0.							
NEIC	Event type se. Error ellipse: s-maj=15.0km s-min=10.6km az=109.0.							
ISCJB	Event type se. Error ellipse: s-maj=27.9km s-min=10.5km az=4.4.							
MOS	Error ellipse: s-maj=28.8km s-min=19.7km az=179.4.							
ISC	IV	02 21 53 57.4-2.1	29.94S-06	177.0W-10	10-10	4.8b,4.2s	33	1-163
IDC	IV	02 21 53 55.1-2.0	30.06S-05	177.0W-10	6-9	4.8b,4.2s		
IDC	IV	02 21 53 55.8-8.9	29.90S	177.00W	0	4.5,4.4		
NEIC	IV	02 21 53 57.7-7.0	29.83S	177.02W	10	4.8b,4.4		
BJI	IV	02 21 53 58.2	29.78S	177.01W	25	5.5b,5.2b		
MOS	IV	02 21 54 03.4-2.2	28.48S	177.60W	33	5.1b,5.2b		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=17.3km s-min=8.8km az=158.4.							
IDC	Error ellipse: s-maj=23.4km s-min=20.2km az=52.0.							
NEIC	Event type se. Error ellipse: s-maj=17.2km s-min=12.9km az=55.0.							
MOS	Error ellipse: s-maj=19.6km s-min=17.5km az=64.9.							
ISC	IV	02 22 12 26.5-2.0	28.40S-09	177.4W-30	35	4.0b	8	1-150
NEIC	IV	02 22 12 24.0-1.3	28.42S	177.60W	10	4.2b		
IDC	IV	02 22 12 23.3-2.3	28.47S	177.65W	0	4.1,3.9b		
ISCJB	IV	02 22 12 24.2-2.0	28.31S-09	177.4W-30	33	4.0b,3.9b		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	IV	02 22 41 03.2-7.2	29.45S-50	176.6W-20	31-53	4.2b	9	1-151
IDC	IV	02 22 41 01.2-1.9	29.76S	176.92W	0	4.1,3.9		
ISCJB	IV	02 22 41 03.0-5.0	29.35S-40	176.6W-30	48-28	4.2b,3.9		
NEIC	IV	02 22 41 02.4-1.3	29.66S	176.87W	10	4.5b,3.9		
ISC	Event type se.							
IDC	Error ellipse: s-maj=53.3km s-min=27.8km az=30.0.							
ISCJB	Event type se. Error ellipse: s-maj=76.0km s-min=35.5km az=57.6.							
NEIC	Event type se. Error ellipse: s-maj=33.5km s-min=21.1km az=218.0.							
ISC	IV	03 01 43 14.5-6.7	28.55-10	177.0W-20	15-42	4.3b	13	1-165
IDC	IV	03 01 43 13.3-9.5	28.56S	177.16W	0	4.4,4.2b		
NEIC	IV	03 01 43 14.3-7.3	28.58S	177.15W	10	4.5b,4.2b		
MOS	IV	03 01 43 15.8-1.4	28.46S	177.01W	33	4.8b,4.2b		
ISCJB	IV	03 01 43 17.4-4.4	28.55S-30	177.1W-20	51-33	4.3b,4.2b		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	IV	03 01 53 03.6-5.2	28.65S-10	177.2W-20	28-42	4.1b	11	1-150
IDC	IV	03 01 52 60.0-2.6	28.52S	177.32W	0	4.0,3.8b		
NEIC	IV	03 01 53 00.9-8.0	28.56S	177.25W	10	4.6b,3.8b		
MOS	IV	03 01 53 02.8-4.8	28.53S	177.24W	33	4.6b,3.8b		
ISCJB	IV	03 01 53 03.7-1.7	28.65S-10	177.2W-20	47-14	4.1b,3.8b		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	IV	03 03 16 25.8-4.8	29.87S-07	177.0W-20	32-35	4.5b,3.6s	15	1-163
IDC	IV	03 03 16 20.7-1.1	29.91S	176.91W	0	4.6,4.4		
NEIC	IV	03 03 16 22.1-7.1	29.74S	176.90W	10	4.9b,4.4		
ISCJB	IV	03 03 16 25.0-3.7	29.98S-07	177.0W-30	40-18	4.5b,3.6s		
MOS	IV	03 03 16 31.0-2.8	28.40S	177.90W	33	4.8b,3.6s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=37.4km s-min=25.8km az=15.0.							
NEIC	Event type se. Error ellipse: s-maj=15.7km s-min=14.4km az=112.0.							
ISCJB	Event type se. Error ellipse: s-maj=46.7km s-min=11.0km az=170.4.							

MOS	Error ellipse: s-maj=99.9km s-min=25.7km az=2.2.							
ISC	IV	03 04 42 42.8-2.2	29.55S-10	176.7W-20	35	3.9b	9	1-151
IDC	IV	03 04 42 38.3-1.9	29.93S	176.83W	0	4.1,3.9b		
NEIC	IV	03 04 42 39.3-1.1	29.87S	176.78W	10	4.1b,3.9b		
ISCJB	IV	03 04 42 40.5-2.0	29.69S-09	176.7W-20	33	3.9b,3.9b		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	IV	03 13 35 45.8-7.4	30.45S-09	179.5W-10	35	3.7b	10	2-43
ISCJB	IV	03 13 35 43.7-7.5	30.52S-09	179.5W-10	33	3.7b		
NEIC	IV	03 13 35 46.2-9.6	30.41S	179.56W	35	3.7b		
IDC	IV	03 13 35 46.6-3.3	30.72S	178.69W	102-98	3.8,3.6		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=7.4km az=75.6.							
NEIC	Event type se. Error ellipse: s-maj=24.7km s-min=14.5km az=140.0.							
IDC	Error ellipse: s-maj=228.2km s-min=15.5km az=106.0.							
ISC	IV	04 10 47 17.9-2.0	29.05S-07	176.88W-08	18-11	5.0b,4.7s	74	1-164
IDC	IV	04 10 47 13.9-7.8	29.01S	176.81W	0	4.9,4.8		
ISCJB	IV	04 10 47 15.8-3.9	29.07S-06	177.10W-09	10	5.0b,4.7s		
HRVD	IV	04 10 47 16.2-2.0	29.07S	176.54W	17-0	5.3W,4.7s		
BJI	IV	04 10 47 16.1	29.00S	177.00W	10	5.5b,5.2b		
NEIC	IV	04 10 47 16.2-4.6	28.99S	176.97W	10	5.0b,5.2b		
MOS	IV	04 10 47 19.3-1.2	28.97S	177.08W	33	4.9b,5.2b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=29.1km s-min=16.5km az=155.0.							
ISCJB	Event type se. Error ellipse: s-maj=11.5km s-min=9.3km az=0.2.							
HRVD	Error ellipse: s-maj=1.1km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s55,c88; Mantle waves: s79,c135; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; M ₁₁ :0.71±0.3; M ₂₂ :0.04±0.2; M ₃₃ :0.67±0.2; M ₄₄ :0.08±0.5; M ₅₅ :0.22±0.1; M ₆₆ :0.78±0.5; Best double couple: NP1:φ:206.00000°; δ2:20.00000°; λ106.00000°; NP2:φ:19.00000°; δ69.00000°; λ84.00000°; Principal axes: T 1.0680,Plg66.0000°; Azm268.0000°; N 0.0100,Plg6.0000°; Azm11.0000°; P -1.0790,Plg24.0000°; Azm104.0000°; M2.07300x10 ¹⁷							
NEIC	Event type se. Error ellipse: s-maj=14.3km s-min=11.5km az=141.0.							
MOS	Error ellipse: s-maj=16.2km s-min=13.8km az=43.4.							
ISC	IV	04 18 48 05.6-2.3	28.75S-10	177.8W-30	35	4.2b,3.5s	19	1-165
NEIC	IV	04 18 47 59.7-8.9	28.51S	177.55W	10	4.3b,3.5s		
IDC	IV	04 18 47 59.0-1.2	28.56S	177.72W	0	4.4,4.2		
ISCJB	IV	04 18 48 03.2-2.2	28.58S-08	177.8W-30	33	4.2b,3.5s		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
(178) Kermadec Islands.								
ISC	IV	05 19 03 37.4-4.8	29.83S-04	177.04W-07	31	5.1b,4.7s	61	1-163
IDC	IV	05 19 03 31.9-7.4	29.69S	176.95W	0	4.8,4.7s		
ISCJB	IV	05 19 03 35.5-4.8	29.91S-04	177.07W-07	30	5.1b,4.7s		
BJI	IV	05 19 03 36.7	29.00S	177.10W	24	5.9b,5.2s		

MOS	IV	07 15 19 33.2-1.3	29.66S	177.25W	33	5.2b,5.2b			
ISCJB	IV	07 15 19 34.6-1.1	29.77S-.05	177.35W-.09	47-8	4.9b,4.6s			
IDC	IV	07 15 19 35.5-1.3	29.64S	177.27W	46-10	4.6s,4.6			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=11.8km s-min=10.1km az=117.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s34,c48; Mantle waves: s63,c95;Half duration: 1s0 Moment tensor: Scale 1016Nm; Mrr:0.2±.34 Mθθ:0.58±.20; Mφφ:5.44±.23; Mφ1:2.2±.32; Mφ2:1.31±.17; Mφ3:4.55±.30; Best double couple: NP1:φ:194.00000°; δ26.00000°; λ:89.00000°; NP2:φ:15.00000°; δ64.00000°; λ:90.00000°; Principal axes: T 7.6710,Plg71.0000°; Azm286.0000°; N -0.2520,Plg0.0000°; Azm194.0000°; P -7.4210,Plg19.0000°; Azm104.0000°; M3.54600×1016								
MOS	IV	01 05 15 32.2-1.8	29.80S-.03	177.13W-.04	25	5.3s,5.3b	196	1-173	
ISCJB	IV	01 05 15 28.7	29.33S	176.82W	11	5.8b,5.5s			118197916
BJI	IV	01 05 15 29.9-13	29.62S	177.14W	10	5.4s,5.3b			
NEIC	IV	01 05 15 29.9-10	29.57S	176.67W	17-0	5.7W,5.3b			
HRVD	IV	01 05 15 30.4-18	29.87S-.03	177.15W-.04	23	5.3s,5.3b			
ISCJB	IV	01 05 15 31.2	30.02S	176.66W	33	5.6b,5.3b			
SZGRF	IV	01 05 15 32.4	29.60S	177.32W	33	5.7L,5.3b			
CSEM	IV	01 05 15 33.0-96	29.50S	177.17W	33	5.5b,5.3s			
MOS	IV	01 05 15 35.1-1.2	29.51S	177.11W	45-9	5.3s,5.3			
IDC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=6.7km s-min=4.8km az=147.0.								
NEIC	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s83,c159; Mantle waves: s93,c239;Half duration: 1s6 Moment tensor: Scale 1017Nm; Mrr:2.43±.04 Mθθ:0.13±.03; Mφφ:2.31±.03; Mφ1:0.50±.08; Mφ2:0.73±.02; Mφ3:2.87±.11; Best double couple: NP1:φ:203.00000°; δ20.00000°; λ:100.00000°; NP2:φ:12.00000°; δ70.00000°; λ:86.00000°; Principal axes: T 3.7870,Plg65.0000°; Azm275.0000°; N 0.0710,Plg4.0000°; Azm13.0000°; P -3.8660,Plg25.0000°; Azm105.0000°; M3.82700×1017								
ISCJB	Event type se. Error ellipse: s-maj=4.8km s-min=4.1km az=49.3.								
SZGRF	Kermadec Islands region.								
MOS	IV	03 01 55 47.5-7.8	29.57S-.06	177.3W-.10	35	4.9b,4.4s	35	1-164	
IDC	IV	03 01 55 47.5-7.8	29.12S	176.97W	0	4.6,4.5			118228716
NEIC	IV	03 01 55 49.2-46	28.79S	177.01W	10	4.7b,4.5			
ISCJB	IV	03 01 55 53.4-74	29.65S-.07	177.2W-.10	33	4.9b,4.4s			
MOS	IV	03 01 55 53.8-2.2	29.31S	177.33W	33	5.2b,4.4s			
BJI	IV	03 01 55 53.6	28.84S	177.06W	25	5.4b,5.1s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=31.4km s-min=16.1km az=165.0.								
NEIC	Event type se. Error ellipse: s-maj=17.9km s-min=10.8km az=161.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.7km s-min=9.2km az=130.9.								
MOS	IV	05 20 13 32.1-4.5	29.66S-.07	177.2W-.20	30-30	4.6b,3.4s	26	1-164	
ISC	IV	05 20 13 26.1-92	29.67S	176.94W	0	4.6,4.5			118493992
IDC	IV	05 20 13 32.3-1.6	29.64S	177.12W	38-11	4.7b,4.5			
NEIC	IV	05 20 13 32.7-98	29.83S	178.51W	33	5.0b,4.5			
MOS	IV	05 20 13 33.4-1.8	29.76S-.06	177.4W-.20	48-12	4.6b,3.4s			
ISCJB	Event type se.								
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV	01 13 41 30.6-47	29.56S-.07	177.13W-.08	35	4.8b	51	1-164	
IDC	IV	01 13 41 24.3-70	29.67S	177.03W	0	4.6,4.4			118228637
HRVD	IV	01 13 41 24.3-40	29.50S	176.72W	22-1	5.3W,4.4b			
NEIC	IV	01 13 41 24.3-42	29.91S	176.84W	10	5.1b,4.4b			
BJI	IV	01 13 41 24.3	29.90S	176.80W	10	5.5b,5.3s			
MOS	IV	01 13 41 28.7-1.3	29.49S	177.12W	33	5.1b,5.3s			
ISCJB	IV	01 13 41 28.5-57	29.71S-.09	177.2W-.10	33	4.8b,5.3s			
ISC	Event type se.								
HRVD	nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s19,c21; Mantle waves: s57,c81;Half duration: 1s1 Moment tensor: Scale 1017Nm; Mrr:0.71±.06 Mθθ:0.07±.04; Mφφ:0.64±.05; Mφ1:0.10±.06; Mφ2:0.23±.03; Mφ3:0.80±.08; Best double couple: NP1:φ:208.00000°; δ22.00000°; λ:107.00000°; NP2:φ:10.00000°; δ69.00000°; λ:83.00000°; Principal axes: T 1.0800,Plg65.0000°; Azm269.0000°; N -0.0020,Plg6.0000°; Azm13.0000°; P -1.0770,Plg24.0000°; Azm105.0000°; M1.07800×1017								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV	10 14 17 05.3-1.8	29.71S-.04	177.19W-.09	27-11	4.8b,4.2s	63	1-163	
BJI	IV	10 14 17 02.6	29.30S	177.20W	10	5.1b,4.6b			118320280
NEIC	IV	10 14 17 02.6-40	29.28S	177.16W	10	5.1b,4.6b			
MOS	IV	10 14 17 05.4-2.3	29.21S	177.13W	33	5.3b,4.6b			
ISCJB	IV	10 14 17 06.4-1.3	29.79S-.04	177.34W-.09	47-10	4.8b,4.2s			
IDC	IV	10 14 17 08.2-1.5	29.43S	177.24W	49-11	4.5,4.5			
SZGRF	IV	10 14 17 59.9	16.10S	175.27W	33	4.5,4.5			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=14.4km s-min=9.6km az=152.0.								
MOS	IV	10 14 40 23.5-3.9	29.70S-.06	177.2W-.10	10-25	4.5b,4.0s	25	1-157	
ISCJB	IV	10 14 40 20.7-1.0	29.74S	176.98W	0	4.6,4.4			118494096
ISCJB	IV	10 14 40 24.9-2.0	29.81S-.06	177.1W-.20	38-14	4.5b,4.0s			
NEIC	IV	10 14 40 24.8-4.3	29.71S	177.05W	27-28	4.8b,4.0s			
MOS	IV	10 14 40 27.9-1.7	28.85S	177.46W	33	4.9b,4.0s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=27.9km s-min=20.3km az=154.0.								
ISCJB	Event type se. Error ellipse: s-maj=22.4km s-min=9.3km az=174.9.								
NEIC	Event type se. Error ellipse: s-maj=18.6km s-min=13.2km az=69.0.								
MOS	IV	10 14 45 44.5-2.2	29.75S-.10	177.1W-.10	25-13	4.5b	20	1-159	
ISCJB	IV	10 14 45 44.3-2.6	29.85S-.10	177.1W-.20	39-18	4.5b			118494097
IDC	IV	10 14 45 44.6-7.8	29.70S	177.09W	27-50	4.6L,4.5			
MOS	IV	10 14 45 45.1-2.1	29.06S	177.22W	33	4.9b,4.5			
NEIC	IV	10 14 45 48.8-1.6	29.18S	177.33W	52-12	4.8b,4.5			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=25.1km s-min=19.3km az=8.3.								
IDC	Error ellipse: s-maj=28.5km s-min=23.4km az=5.0.								
MOS	IV	10 15 48 29.5-2.9	30.86S-.09	177.5W-.50	35	4.2b	16	2-149	
NEIC	IV	10 15 48 26.4-2.1	30.86S	177.71W	0	4.3,4.2b			110697665
ISCJB	IV	10 15 48 27.8-2.6	30.95S-.09	177.5W-.50	33	4.2b,4.2b			
NEIC	IV	10 15 48 27.3-1.2	30.84S	177.67W	10	4.2b,4.2b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=53.4km s-min=23.0km az=116.0.								
ISCJB	Event type se. Error ellipse: s-maj=57.4km s-min=7.2km az=22.2.								
NEIC	Event type se. Error ellipse: s-maj=31.0km s-min=11.5km az=107.0.								
ISC	IV	13 06 06 35.8-1.8	29.84S-.06	177.3W-.10	12-9	4.7b,4.1s	31	1-163	
IDC	IV	13 06 06 32.8-79	29.74S	177.13W	0	4.7,4.7L			118320422
NEIC	IV	13 06 06 33.9-2.8	29.88S	177.09W	11-15	4.8b,4.7L			
BJI	IV	13 06 06 33.9	29.90S	177.10W	10	5.2b,5.1s			
ISCJB	IV	13 06 06 34.5-1.7	29.93S-.05	177.4W-.10	11-9	4.7b,4.1s			
MOS	IV	13 06 06 34.0-1.3	30.01S	177.33W	10	4.8b,4.1s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=24.8km s-min=17.4km az=26.0.								
NEIC	Event type se. Error ellipse: s-maj=20.3km s-min=12.6km az=106.0.								
ISCJB	Event type se. Error ellipse: s-maj=18.5km s-min=8.2km az=157.7.								
MOS	IV	13 22 42 49.1-2.1	30.05S-.10	177.3W-.40	35	4.0b	11	1-145	
IDC	IV	13 22 42 44.7-2.7	30.09S	177.50W	0	4.2,3.9b			119594824
NEIC	IV	13 22 42 45.8-95	30.07S	177.42W	10	4.2b,3.9b			
ISCJB	IV	13 22 42 48.3-1.6	30.16S-.08	177.6W-.30	33	4.0b,3.9b			

ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV	15 07 48 46.3-5.1	29.7S-.10	177.2W-.10	26-35	4.5b,3.8s	23	1-159	
ISCJB	IV	15 07 48 47.9-2.1	29.7S-.10	177.3W-.20	50-12	4.5b,3.8s			118320585
NEIC	IV	15 07 48 47.3-82	28.48S	177.78W	15	4.7b,3.8s			
IDC	IV	15 07 48 47.1-4.3	29.66S	177.17W	35-29	4.4,4.4			
MOS	IV	15 07 48 48.4-2.2	28.66S	177.74W	33	4.9b,4.4			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=27.4km s-min=18.3km az=8.3.								
NEIC	Event type se. Error ellipse: s-maj=19.7km s-min=14.5km az=74.0.								
IDC	Error ellipse: s-maj=26.5km s-min=23.9km az=121.0.								
MOS	Error ellipse: s-maj=22.3km s-min=20.9km az=172.5.								
IDC	IV	01 13 58 59.5-1.2	29.31S	178.33W	0	3.8,3.6b			119594015
IDC	Error ellipse: s-maj=162.9km s-min=11.1km az=172.0.								
ISC	IV	02 16 36 32.2-2.8	29.9S-.10	177.3W-.30	5-11	4.1b,3.2s	12	1-151	
IDC	IV	02 16 36 28.9-1.8	29.69S	176.95W	0	4.2,4.0			119594125
NEIC	IV	02 16 36 31.9-6.6	29.73S	177.04W	17-36	4.3b,4.0			
ISCJB	IV	02 16 36 32.3-3.6	30.00S-.07	177.5W-.30	7-23	4.1b,3.2s			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
IDC	IV	18 08 44 39.2-3.3	29.94S	177.58W	0	3.8,3.7			119595131
IDC	Error ellipse: s-maj=63.7km s-min=22.1km az=90.0.								
IV	03 16 27 17.1-3.4	29.88S-.08	177.1W-.30	10-23	4.4s,4.2b	12	1-151		
IDC	IV	03 16 27 14.2-1.6	29.87S	176.99W	0	4.2,4.1b			119594193
NEIC	IV	03 16 27 15.8-1.1	29.91S	176.93W	10	4.6b,4.1b			
ISCJB	IV	03 16 27 16.3-2.9	29.99S-.07	177.0W-.30	22-15	4.4s,4.2b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
IDC	IV	03 20 31 40.0-5.0	30.24S	177.98W	49-37	3.9,3.8			119594202
IDC	Error ellipse: s-maj=68.8km s-min=32.2km az=127.0.								
ISC	IV	22 14 33 53.3-1.9	29.78S-.06	177.1W-.10	17-10	4.8b,3.9s	44	1-163	
IDC	IV	22 14 33 49.9-6.6	29.74S	177.05W	0	4.7,4.5			118320999
MOS	IV	22 14 33 54.6-1.5	29.44S	177.16W	33	5.1b,4.5			
NEIC	IV	22 14 33 55.1-5.0	29.67S	177.21W	29-32	4.9b,4.5			
BJI	IV	22 14 33 56.2	29.60S	176.33W	66	5.1s,5.1b			
ISCJB	IV	22 14 33 59.5-1.2	29.82S-.06	177.6W-.20	61-8	4.8b,5.1b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV	23 06 00 52.4-1.7	29.79S-.07	177.3W-.20	35	4.1b,3.5s	9	1-151	
IDC	IV	23 06 00 44.9-1.9	29.59S	176.98W	0	4.1,3.9			119597765
ISCJB	IV	23 06 00 51.0-1.8	29.92S-.06	177.4W-.20	33	4.1b,3.5s			
NEIC	IV	23 06 00 52.4-2.5	29.39S	177.20W	50-16	4.5b,3.5s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=62.4km s-min=28.1km az=20.0.								
ISCJB	Event type se. Error ellipse: s-maj=28.6km s-min=8.4km az=167.1.								
NEIC	Event type se. Error ellipse: s-maj=35.0km s-min=28.1km az=206.0.								
ISC	IV	06 01 39 10.7-2.9	29.5S-.40	177.1W-.30	35	4.0b	10	1-145	
NEIC	IV	06 01 39 05.5-1.7	29.40S	176.93W	10	4.6b			119594343
IDC	IV	06 01 39 05.2-2.5	29.27S	177.09W	0	4.1,3.9			

ISC Event type se. Error ellipse: s-maj=17.9km s-min=15.7km az=118.0.
 IDC Error ellipse: s-maj=17.9km s-min=15.7km az=118.0.
 ISCB Event type se. Error ellipse: s-maj=11.9km s-min=8.0km az=39.4.
 MOS Error ellipse: s-maj=15.4km s-min=14.6km az=124.6.
 HRVD Error ellipse: s-maj=7.8km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14,c17; Mantle waves: s41,c48; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr:2.01±.45 Mw:0.62±.32; Ms:2.63±.31; M0:0.05±.23; Mw:1.66±.28; Mr:1.61±.21; Best double couple: NP1:0.229,0.0000°; 0.336,0.0000°; 1.129,0.0000°. NP2:0.3,0.0000°; 0.663,0.0000°; 1.666,0.0000°. Principal axes: T 2.6410,Plg63.0000°,AzM233.0000°; N 1.0880,Plg22.0000°,AzM15.0000°; P -3.7270,Plg15.0000°,AzM111.0000°; M0:3.18400×10¹⁶

NEIC Event type se. Error ellipse: s-maj=11.0km s-min=10.2km az=61.0.
 ISC II 15 08 38 34.0-1.3 33.95-20 180.0E-40 327-17 64 5-13
 IDC II 15 08 38 30.3-1.4 33.75-20 179.9W-40 322-18 110539390
 ISCB II 15 08 38 55.5-9.7 35.44S 179.01E 293-25
 NEIC Event type se.
 ISC Event type se. Error ellipse: s-maj=59.6km s-min=15.1km az=45.5.
 ISCB Event type se. Error ellipse: s-maj=113.4km s-min=35.9km az=213.0.
 NEIC II 16 01 02 46.8-5.6 32.35-20 178.5W-40 68-42 3.9b 6 7-147
 IDC II 16 01 02 39.3-3.0 31.95S 178.65W 0 4.1,3.9b 19571003
 ISCB II 16 01 02 45.5-6.0 32.45-20 178.6W-40 65-47 3.9b,3.9b
 NEIC II 16 01 02 47.2-5.6 32.31S 178.61W 68-41 4.2b,3.9b
 ISC Event type se.
 IDC Error ellipse: s-maj=69.7km s-min=46.0km az=115.0.
 ISCB Event type se. Error ellipse: s-maj=50.2km s-min=33.5km az=153.3.
 NEIC Event type se. Error ellipse: s-maj=55.7km s-min=24.6km az=224.0.
 IDC II 16 17 00 32.7-6.5 34.23S 178.46W 0 3.7,3.6 19571057

IDC Error ellipse: s-maj=307.9km s-min=62.1km az=163.0.
 ISC II 17 07 50 21.1-1.8 33.68S-04 179.44W-09 5-11 4.8b,3.4s 100 4-162
 ISCB II 17 07 50 20.4-1.6 33.70S-04 179.52W-09 10-10 4.8b,3.4s 118106392
 NAO II 17 07 50 20.6 32.19S 178.65W 33 4.4b,3.4s
 NEIC II 17 07 50 21.6-5.0 33.70S 179.45W 10 4.8b,3.4s
 BJI II 17 07 50 21.6 33.70S 179.40W 10 5.4b,5.2b
 IDC II 17 07 50 24.4-5.7 33.55S 179.52W 32-40 4.9L,4.6
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=13.7km s-min=5.3km az=38.4.
 NEIC Event type se. Error ellipse: s-maj=13.7km s-min=5.3km az=109.0.
 IDC Error ellipse: s-maj=23.6km s-min=19.4km az=138.0.
 IDC II 18 04 15 25.9-2.9 33.01S 178.09W 0 4.2L,3.9 19571239

IDC Error ellipse: s-maj=63.1km s-min=24.1km az=115.0.
 IDC II 18 07 54 26.6-4.5 32.75S 178.23W 0 4.1,4.0b 19571255

IDC Error ellipse: s-maj=177.4km s-min=55.1km az=164.0.
 ISC II 18 15 27 20.9-1.6 33.45S-08 178.9W-10 35 3.4b 18 5-148
 IDC II 18 15 27 15.8-3.0 32.95S 178.95W 0 3.9,3.7L 19571285
 ISCB II 18 15 27 18.0-1.6 33.36S-09 178.9W-10 33 3.4b,3.7L
 ISC II 19 12 06 10.4-5.2 33.15-20 178.4W-80 35 4.0b 7 6-151
 IDC II 19 12 06 05.3-2.1 32.80S 178.45W 0 4.2,4.0b 19571413
 ISCB II 19 12 06 08.9-5.3 33.15-20 178.5W-80 33 4.0b,4.0b
 NEIC II 19 12 06 09.9-1.3 33.02S 178.35W 35 4.3b,4.0b
 ISC Event type se.
 IDC Error ellipse: s-maj=63.0km s-min=37.4km az=139.0.
 ISCB Event type se. Error ellipse: s-maj=94.7km s-min=13.3km az=22.9.
 NEIC Event type se. Error ellipse: s-maj=29.1km s-min=18.6km az=114.0.
 ISC II 19 14 27 46.4-5.2 33.05-20 178.1W-80 35 4.2b 6 7-151
 IDC II 19 14 27 43.3-2.7 32.90S 178.39W 0 4.4,4.3b 11812807
 ISCB II 19 14 27 44.8-5.3 33.05-20 178.2W-80 33 4.2b,4.3b
 NAO II 19 14 27 47.1 33.18S 178.99W 33 3.6b,4.3b
 IDC Error ellipse: s-maj=58.4km s-min=34.8km az=118.0.
 ISCB Error ellipse: s-maj=95.4km s-min=14.0km az=26.0.
 IDC II 19 14 18 44.0-6.5 32.40S 178.60W 0 3.8,3.6 19571419

IDC Error ellipse: s-maj=288.8km s-min=58.0km az=160.0.
 IDC II 19 17 42 48.7-3.0 32.71S 178.51W 0 3.8,3.6 19571456

IDC Error ellipse: s-maj=71.2km s-min=45.7km az=121.0.
 ISC II 19 18 55 16.9-1.1 33.21S-08 178.3W-10 49-13 4.7b,4.0s 50 4-162
 IDC II 19 18 55 11.2-69 32.86S 178.61W 0 4.6,4.5L 118192815
 ISCB II 19 18 55 14.3-3.0 33.10S 178.31W 23-21 5.0b,4.5L
 NEIC II 19 18 55 14.3-80 32.92S 177.94W 0 4.2,4.0b
 HRVD II 19 18 55 15.9 33.18S 178.99W 33 4.5b,4.5L
 NAO II 19 18 55 15.7-1.3 33.33S-08 178.1W-10 67-13 4.6b,4.5L
 ISCB II 19 18 55 17.5-2.6 31.71S 179.12W 10 5.3b,4.5L
 MOS II 19 18 55 17.5-2.6 31.71S 179.12W 10 5.3b,4.5L
 ISC Event type se.
 IDC Error ellipse: s-maj=24.5km s-min=15.1km az=147.0.
 ISCB Event type se. Error ellipse: s-maj=13.9km s-min=9.5km az=146.0.
 NEIC Error ellipse: s-maj=6.7km s-min=6.7km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14,c17; Mantle waves: s41,c50; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr:1.51±.23 Mw:0.14±.16; Ms:1.37±.15; M0:0.40±.31; Mw:0.40±.11; Mr:1.60±.25; Best double couple: NP1:0.212,0.0000°; 0.255,0.0000°; 1.124,0.0000°. NP2:0.3,0.0000°; 0.669,0.0000°; 1.766,0.0000°. Principal axes: T 2.3350,Plg63.0000°,AzM243.0000°; N -0.2270,Plg14.0000°,AzM1.0000°; P -2.1040,Plg23.0000°,AzM97.0000°; M0:2.1900×10¹⁶

ISC Event type se. Error ellipse: s-maj=17.5km s-min=9.6km az=70.9.
 IDC Error ellipse: s-maj=46.8km s-min=18.3km az=16.1.
 ISC II 20 02 44 38.4-9.1 32.88S-06 178.5W-10 35 4.7b,4.1s 34 4-162
 IDC II 20 02 44 32.9-7.1 32.78S 178.36W 0 4.8,4.6 118192834
 ISCB II 20 02 44 36.5-9.1 32.92S-06 178.5W-10 33 4.7b,4.1s
 NAO II 20 02 44 37.4 32.88S 178.13W 33 4.1b,4.1s
 NEIC II 20 02 44 38.2-1.2 32.30S 178.47W 30 5.0b,4.7s
 MOS II 20 02 44 42.7-2.6 31.70S 179.10W 33 5.2b,4.1s
 ISC Event type se.
 IDC Error ellipse: s-maj=29.1km s-min=21.6km az=173.0.
 ISCB Event type se. Error ellipse: s-maj=18.2km s-min=6.8km az=32.5.
 NEIC Event type se. Error ellipse: s-maj=35.0km s-min=16.0km az=147.0.
 MOS Error ellipse: s-maj=23.5km s-min=19.7km az=166.1.
 IDC II 20 02 55 15.3-3.0 32.85S 178.33W 0 4.0,3.8 19571580

IDC Error ellipse: s-maj=71.9km s-min=36.2km az=117.0.
 ISC II 20 07 55 20.2-9.7 33.20S-06 178.4W-10 43-9 4.9b,4.3s 58 4-162
 ISCB II 20 07 55 19.0-1.1 33.28S-06 178.5W-10 48-10 4.9b,4.3s 118106455
 NAO II 20 07 55 21.0 32.18S 178.65W 33 3.5b,4.3s
 IDC II 20 07 55 21.3-1.9 33.04S 178.40W 50-16 4.6,4.6
 MOS II 20 07 55 33.9-1.3 31.85S 178.95W 137 4.9b,4.6
 BJI II 20 07 55 33.7 31.57S 178.27W 154 5.2b,5.0b
 NEIC II 20 07 55 35.3-1.8 31.68S 179.02W 143-15 4.8b,5.0b
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=16.0km s-min=6.8km az=52.2.
 IDC Error ellipse: s-maj=19.7km s-min=13.9km az=155.0.
 MOS Error ellipse: s-maj=22.0km s-min=18.3km az=4.5.
 NEIC Event type se. Error ellipse: s-maj=21.9km s-min=14.2km az=173.0.
 ISC II 20 18 27 31.1-2.6 32.86S-06 178.5W-10 10-16 4.5b,4.0s 37 4-162
 ISCB II 20 18 27 28.9-2.1 32.91S-06 178.6W-10 6-14 4.5b,4.0s 118192862
 IDC II 20 18 27 28.8-69 32.60S 178.61W 0 4.6,4.6L
 NEIC II 20 18 27 30.0-52 32.65S 178.36W 10 4.9b,4.6L
 HRVD II 20 18 27 30.0-80 32.74S 178.17W 28-1 4.8W,4.6L
 NAO II 20 18 27 35.0 32.18S 178.65W 33 4.0b,4.6L
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=18.8km s-min=8.7km az=23.9.
 IDC Error ellipse: s-maj=22.9km s-min=16.3km az=170.0.
 MOS Error ellipse: s-maj=14.6km s-min=12.0km az=128.0.
 NEIC Error ellipse: s-maj=7.8km s-min=12.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s17,c22; Mantle waves: s36,c48; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr:2.01±.29 Mw:0.20±.20; Ms:1.80±.19; M0:0.01±.47; Mw:0.10±.13; Mw:0.39±.30; Best double couple: NP1:0.184,0.0000°; 0.339,0.0000°; 1.090,0.0000°. NP2:0.3,0.0000°; 0.51,0.0000°; 1.90,0.0000°. Principal axes: T 2.0490,Plg84.0000°,AzM271.0000°; N -0.1980,Plg0.0000°; AzM4.0000°; P -1.8450,Plg6.0000°,AzM94.0000°; M0:1.94700×10¹⁶

ISC II 22 15 39 00.9-1.9 32.5S-10 179.0E-50 380-22 3.0b 14 6-146
 ISCB II 22 15 38 57.6-2.1 32.4S-20 179.5E-60 395-36 3.2b 19579318
 IDC II 22 15 38 57.0-8.0 32.51S 179.82E 399-97 3.8,3.2
 ISCB Error ellipse: s-maj=89.7km s-min=18.9km az=34.9.
 IDC Error ellipse: s-maj=115.8km s-min=39.4km az=4.0.
 IDC II 23 07 58 57.4-2.0 34.91S 179.55W 0 4.3,4.1 19579411

IDC Error ellipse: s-maj=59.8km s-min=32.1km az=134.0.
 ISC II 24 18 57 14.1-2.5 34.5S-10 178.9W-40 35 3.8b 15 4-149
 IDC II 24 18 57 09.8-2.7 34.38S 179.08W 0 4.1,4.0L 19579630
 ISCB II 24 18 57 13.1-2.4 34.51S-09 179.1W-40 33 3.8b,4.0L
 NEIC II 24 18 57 14.4-1.8 34.42S 179.11W 30 4.0b,4.0L
 ISC Event type se.
 IDC Error ellipse: s-maj=66.2km s-min=36.2km az=122.0.
 ISCB Event type se. Error ellipse: s-maj=44.9km s-min=8.7km az=26.6.
 NEIC Event type se. Error ellipse: s-maj=36.4km s-min=19.1km az=106.0.
 ISC II 25 11 03 43.4-2.9 32.51S-08 179.4W-50 100 3.8b 10 5-147
 IDC II 25 11 03 39.6-9.1 32.38S 179.18W 81-87 3.9,3.8
 ISCB II 25 11 03 42.7-2.9 32.52S-08 179.6W-50 100 3.8b,3.8
 IDC IV 17 00 12 02.3-3.0 32.59S 178.76W 0 3.8,3.7s 19595057

IDC Error ellipse: s-maj=70.5km s-min=46.2km az=118.0.
 IDC II 28 17 08 33.7-5.5 34.8S-20 178.8W-60 35 7 4-44 110692706
 IDC IV 26 02 28 38.7-3.4 32.05S 178.41W 0 4.1,3.9b 19598001

IDC Error ellipse: s-maj=223.0km s-min=51.7km az=155.0.
 IDC IV 29 19 44 34.1-1.8 32.56S 177.07W 0 4.3L,3.9 19598211

IDC Error ellipse: s-maj=64.5km s-min=38.9km az=25.0.
 ISC V 16 12 54 21.7-1.2 32.13S-07 179.4W-20 200 4.0b 47 7-161
 ISCB V 16 12 54 17.8-1.3 31.99S-07 179.1W-20 200 4.0b 19131570
 IDC V 16 12 54 18.8-9.8 31.54S 179.46W 160-70 4.3,4.0
 NEIC V 16 12 54 38.5-2.5 33.78S 179.20W 402-15 4.1b,4.0
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=26.0km s-min=8.6km az=25.1.
 IDC Error ellipse: s-maj=85.0km s-min=35.2km az=45.0.
 NEIC Event type se. Error ellipse: s-maj=38.2km s-min=24.0km az=61.0.
 ISC V 17 09 22 01.3-1.7 32.69S-04 178.45W-09 21-12 5.2b,4.4s 102 3-169
 BJI V 17 09 21 55.4 32.60S 178.00W 10 5.6b,5.5s 110698489
 HRVD V 17 09 21 57.5-7.0 32.23S 177.58W 23-1 5.0W,5.5s
 NEIC V 17 09 21 57.5-4.7 32.55S 178.02W 10 5.3b,5.5s
 IDC V 17 09 22 00.4-2.5 32.13S 178.20W 19-15 5.0,5.0L
 ISCB V 17 09 22 00.3-1.6 32.78S-04 178.52W-09 24-11 5.2b,4.4s
 MOS V 17 09 22 01.3-1.7 32.23S 178.30W 33 5.4b,4.4s
 ISC Event type se.
 HRVD Error ellipse: s-maj=6.7km s-min=7.8km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14,c14; Mantle waves: s39,c43; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr:3.23±.35 Mw:1.24±.23; Ms:1.99±.21; M0:0.41±.39; Mw:0.65±.16; Mr:1.79±.27; Best double couple: NP1:0.213,0.0000°; 0.29,0.0000°; 1.100,0.0000°. NP2:0.21,0.0000°; 0.62,0.0000°; 1.84,0.0000°. Principal axes: T 3.7920,Plg73.0000°,AzM278.0000°; N -0.9100,Plg5.0000°,AzM24.0000°; P -2.8830,Plg16.0000°,AzM116.0000°; M0:3.33800×10¹⁶

NEIC Event type se. Error ellipse: s-maj=14.8km s-min=8.9km az=113.0.
 IDC Error ellipse: s-maj=19.6km s-min=16.5km az=157.0.
 ISCB Event type se. Error ellipse: s-maj=13.3km s-min=5.0km az=44.0.
 MOS Error ellipse: s-maj=16.9km s-min=14.1km az=94.8.
 ISC V 17 15 56 02.9-3.6 33.09S-06 178.4W-20 31-26 4.3b 34 4-153
 IDC V 17 15 55 57.0-1.3 32.96S 178.24W 0 4.5L,4.4 110698494
 NEIC V 17 15 55 58.6-7.5 32.86S 178.26W 10 4.8b,4.4
 ISCB V 17 15 55 59.2-3.5 33.08S-06 178.5W-20 16-25 4.3b,4.4
 MOS V 17 15 56 05.5-3.0 32.26S 178.93W 33 4.7b,4.4
 ISC Event type se.
 IDC Error ellipse: s-maj=36.5km s-min=21.7km az=141.0.
 NEIC Event type se. Error ellipse: s-maj=17.4km s-min=12.4km az=112.0.
 ISCB Event type se. Error ellipse: s-maj=23.2km s-min=8.9km az=28.3.
 MOS Error ellipse: s-maj=27.6km s-min=25.0km az=139.9.
 ISC V 19 07 23 55.5-3.4 32.3S-10 177.3W-50 35 3.9b 9 3-154
 IDC V 19 07 23 56.6-2.1 31.99S 178.09W 0 4.3,4.1 19599162
 IDC Error ellipse: s-maj=57.0km s-min=28.3km az=125.0.
 ISC V 21 17 35 52.7-1.8 32.69S-07 177.5W-30 35 4.7b,4.1s 36 3-162
 ISCB V 21 17 35 50.6-1.6 32.82S-07 177.4W-30 33 4.7b,4.1s 118494948
 NEIC V 21 17 35 52.5-6.7 32.65S 177.86W 10 4.8b,4.1s
 IDC V 21 17 35 53.3-8.7 32.35S 178.31W 0 4.6,4.6L
 MOS V 21 17 35 59.0-1.7 32.11S 178.50W 33 4.8b,4.6b
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=31.3km s-min=6.4km az=30.0.
 NEIC Event type se. Error ellipse: s-maj=18.6km s-min=7.9km az=110.0.
 IDC Error ellipse: s-maj=22.1km s-min=19.1km az=145.0.
 MOS Error ellipse: s-maj=22.7km s-min=19.5km az=114.6.
 IDC V 24 15 16 41.9-3.2 33.88S 179.00W 0 4.0,3.8L 19599349

IDC Error ellipse: s-maj=72.1km s-min=36.6km az=115.0.
 ISC V 17 10 26 33.5-2.1 32.56S-08 178.6W-10 42-17 4.6b,4.2s 46 3-161
 IDC V 17 10 26 21.6-1.0 33.35S 177.80W 0 4.7,4.5 110698491
 ISCB V 17 10 26 32.8-2.2 32.62S-06 178.8W-10 45-18 4.6b,4.2s
 NEIC V 17 10 26 32.4-2.8 32.64S 178.09W 64-22 4.8b,4.2s
 MOS V 17 10 26 33.8-3.5 31.48S 178.90W 33 5.1b,4.2s
 ISC Event type se.
 IDC Error ellipse: s-maj=43.9km s-min=26.4km az=172.0.
 ISCB Event type se. Error ellipse: s-maj=18.6km s-min=10.3km az=21.6.
 NEIC Event type se. Error ellipse: s-maj=22.7km s-min=17.6km az=50.0.
 MOS Error ellipse: s-maj=54.9km s-min=20.5km az=14.2.
 ISC V 29 05 00 32.7-4.1 33.52S-03 179.05W-07 35 5.0b,4.7s 183 4-173
 BJI V 29 05 00 29.7 33.00S 178.41W 32 5.4b,5.2s 110698684
 NEIC V 29 05 00 30.7-3.7 33.40S 178.76W 33 5.15,5.0b
 ISCB V 29 05 00 31.5-3.8 33.53S-03 179.19W-07 33 5.0b,4.7s
 MOS V 29 05 00 31.0-1.4 33.07S 178.79W 33 5.2b,5.0s
 IDC V 29 05 00 35.2-2.2 32.94S 178.96W 65-19 4.7,4.6
 ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=13.4km s-min=8.1km az=125.0.
 ISCB Event type se. Error ellipse: s-maj=8.4km s-min=3.9km az=38.1.
 IDC Error ellipse: s-maj=16.2km s-min=11.7km az=94.8.
 MOS Error ellipse: s-maj=16.0km s-min=14.4km az=32.0.
 ISC V 19 05 30 53.4-1.5 33.69S-07 179.2W-20 35 4.5b 31 5-160
 IDC V 19 05 30 44.4-1.0 33.22S 178.53W 0 4.8,4.6 118494893
 ISCB V 19 05 30 51.4-6.7 33.76S 178.72W 48-55 4.7b,4.6
 NEIC V 19 05 30 52.6-1.5 33.73S-06 179.4W-20 33 4.5b,4.6
 ISCB V 19 05 30 54.6-3.2 33.51S 179.73W 33 4.7b,4.6
 ISC Event type se.
 IDC Error ellipse: s-maj=30.0km s-min=26.1km az=98.0.
 NEIC Event type se. Error ellipse: s-maj=66.0km s-min=23.0km az=206.0.
 ISCB Event type se. Error ellipse: s-maj=28.3km s-min=7.7km az=21.1.
 MOS Error ellipse: s-maj=56.1km s-min=49.5km az=162.0.
 IDC V 22 23 19 50.9-8.6 32.12S 178.22W 0 4.3,4.0b 19599282

IDC Error ellipse: s-maj=401.2km s-min=53.9km az=160.0.
 WEL V 13 03 37 46.2-6.7 34.94S 178.36E 284-4 3.6L 110169352

WEL Event type ke. Error ellipse: s-maj=32.8km s-min=15.9km az=90.0.
 ISC V 04 13 15 16.0-1.4 33.9S-10 179.7W-30 360-10 3.7b 80 4-159
 ISCB V 04 13 15 12.5-1.5 33.8S-10 179.4W-30 364-13 3.7b 19130796
 IDC V 04 13 15 14.8-5.3 33.21S 179.53E 281-43 4.3,3.8
 NEIC V 04 13 15 19.4-2.7 33.61S 179.07E 300-17 4.1b,3.8
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=35.8km s-min=18.1km az=37.0.
 IDC Error ellipse: s-maj=57.6km s-min=26.8km az=40.0.
 NEIC Event type se. Error ellipse: s-maj=39.9km s-min=22.9km az=60.0.
 ISC V 05 07 45 24.1-2.1 33.4S-30 179.4W-50 386-32 3.1b 16 4-148
 IDC V 05 07 45 17.8-9.2 32.39S 179.94E 261-97 3.6,3.3s 19598519

Table with columns for station ID, time, location, and magnitude. Includes stations like ISCJB, ISC, IDC, etc.

Table with columns for station ID, time, location, and magnitude. Includes stations like IDC, Error ellipse, etc.

Table with columns for station ID, time, location, and magnitude. Includes stations like WEL, Error ellipse, etc.

Table with columns for station ID, time, location, and magnitude. Includes stations like ISC, Error ellipse, etc.

Table with columns for station ID, time, location, and magnitude. Includes stations like ISC, Error ellipse, etc.

Table with columns for station ID, time, location, and magnitude. Includes stations like ISC, Error ellipse, etc.

Table with columns for station ID, time, location, and magnitude. Includes stations like IDC, Error ellipse, etc.

Table with columns for station ID, time, location, and magnitude. Includes stations like ISC, Error ellipse, etc.

Table with columns for station ID, time, location, and magnitude. Includes stations like ISC, Error ellipse, etc.

Table with columns for station ID, time, location, and magnitude. Includes stations like (181) Fiji Islands region, etc.

Table with columns for station ID, time, location, and magnitude. Includes stations like ISC, Error ellipse, etc.

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Table with columns for station ID, time, location, and magnitude. Includes stations like ISC, Error ellipse, etc.

Table with columns for station ID, time, location, and magnitude. Includes stations like ISC, Error ellipse, etc.

IDC Error ellipse: s-maj=62.8km s-min=20.4km az=144.0.
 ISCB Event type se. Error ellipse: s-maj=25.4km s-min=15.1km az=104.9.
 NEIC Event type se. Error ellipse: s-maj=22.5km s-min=13.7km az=139.0.
ISC IV 11 10 26 30.7-1.5 20.65S -10 177.90W -10 483-20 4.0b 23 9-150
 ISCB IV 11 10 26 29.6-1.6 20.55S -10 178.00W -10 483-20 4.0b 19594641
 IDC IV 11 10 26 31.5-2.1 20.62S 177.87W 502-23 4.5,3,7
 NEIC IV 11 10 26 31.3-1.2 20.48S 177.95W 500-14 4.4b,3.7
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=23.4km s-min=12.5km az=114.3.
 IDC Error ellipse: s-maj=28.8km s-min=12.4km az=150.0.
 NEIC Event type se. Error ellipse: s-maj=20.3km s-min=10.3km az=147.0.
ISC IV 11 15 04 45.3-3.6 20.55S -30 176.00W -50 35 4.4b 14 19-148
 IDC IV 11 15 04 35.5-2.6 20.12S 175.58W 0 4.6L,4.5 19594656
 NEIC IV 11 15 04 37.8-1.6 20.05S 175.63W 10 4.5b,4.5
 ISCB IV 11 15 04 42.4-3.7 20.45S -30 176.00W -50 33 4.4b,4.5
 ISC Event type se.
 NEIC Event type se.
 ISCB Event type se.
ISC IV 30 07 28 51.2-1.4 20.59S -10 178.20W -09 499-16 4.1b 47 9-173
 SZGRF IV 30 07 27 53.9 22.04S 178.17W 33 4.1b 18746180
 ISCB IV 30 07 28 48.8-1.2 20.49S -09 178.27W -08 480-12 4.1b
 NEIC IV 30 07 28 51.0-1.1 20.55S 178.23W 500-11 4.3b
 IDC IV 30 07 28 52.3-2.0 20.62S 178.20W 516-22 4.5,3,9
 ISC Event type se.
 SZGRF South of Fiji Islands.
 ISCB Event type se. Error ellipse: s-maj=17.2km s-min=8.3km az=105.0.
 NEIC Event type se. Error ellipse: s-maj=13.8km s-min=7.3km az=146.0.
 IDC Error ellipse: s-maj=23.2km s-min=12.0km az=141.0.
ISC IV 12 02 23 15.6-8.3 17.55S -20 177.90W -20 350 3.7b 9 45-150
 IDC IV 12 02 23 07.1-1.9 17.69S 177.69W 272-157 4.0,3,7
 ISCB IV 12 02 23 14.8-8.3 17.55S -20 178.11W -20 350 3.7b,3.7 19594701
 NEIC IV 12 02 23 15.9-5.1 17.49S 178.03W 350 4.0b,3.7
 ISC Event type se.
 IDC Error ellipse: s-maj=229.2km s-min=47.7km az=142.0.
 ISCB Event type se. Error ellipse: s-maj=27.9km s-min=23.1km az=46.5.
 NEIC Event type se. Error ellipse: s-maj=23.4km s-min=15.8km az=119.0.
ISC IV 12 08 36 23.3-1.5 21.15S -20 177.11W -20 493-23 4.0b 15 9-130
 ISCB IV 12 08 36 22.7-1.5 20.95S -20 177.2W -20 496-25 4.0b 19594721
 IDC IV 12 08 36 22.8-2.2 20.99S 177.10W 485-31 4.4,3,6
 NEIC IV 12 08 36 23.1-1.4 21.02S 177.17W 490-21 4.1b,3,6
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=33.9km s-min=18.8km az=91.7.
 IDC Error ellipse: s-maj=34.7km s-min=18.9km az=140.0.
 NEIC Event type se. Error ellipse: s-maj=30.2km s-min=16.8km az=141.0.
ISC IV 25 06 51 40.8-3.0 21.40S 178.04W 439-278 4.1,3,6s 19597956
 IDC Error ellipse: s-maj=173.0km s-min=106.6km az=80.0.
ISC IV 12 23 01 52.7-7.0 18.15S -20 178.2W -20 500 3.5b 11 21-148
 ISCB IV 12 23 01 51.8-7.0 18.15S -20 178.3W -20 500 3.5b 19594755
 NEIC IV 12 23 01 51.4-6.0 18.00S 178.27W 484-70 3.3b
 IDC IV 12 23 01 51.3-11 18.04S 178.22W 483-139 4.1,3,5
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=25.8km s-min=15.1km az=89.5.
 NEIC Event type se. Error ellipse: s-maj=27.7km s-min=19.5km az=195.0.
 IDC Error ellipse: s-maj=61.6km s-min=25.2km az=3.0.
ISC IV 25 10 06 53.3-12 17.84S 178.00W 389-127 3.9,3,4 19597964
 IDC Error ellipse: s-maj=69.0km s-min=40.0km az=125.0.
ISC IV 14 10 42 00.3-8.2 19.25S -10 177.46W -08 552-11 4.3b 47 8-153
 ISCB IV 14 10 41 59.5-8.5 19.25S -10 177.55W -08 556-12 4.3b 18320528
 NEIC IV 14 10 42 00.9-8.6 19.21S 177.51W 562-10 4.6b
 MOS IV 14 10 42 00.6-1.2 19.01S 177.59W 572 4.6b
 IDC IV 14 10 42 01.8-1.2 19.04S 177.62W 567-15 4.6,3,8
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=17.3km s-min=9.3km az=118.0.
 NEIC Event type se. Error ellipse: s-maj=13.4km s-min=7.9km az=150.0.
 MOS Error ellipse: s-maj=23.4km s-min=13.6km az=158.9.
 IDC Error ellipse: s-maj=21.1km s-min=9.7km az=153.0.
ISC IV 01 06 41 12.2-1.1 17.95S -10 178.54W -09 561-13 4.2b 62 8-148
 BJI IV 01 06 41 08.8 17.90S 178.60W 583 4.6b,4.2b 18564193
 ISCB IV 01 06 41 11.0-1.2 17.95S -10 178.61W -09 560-14 4.2b,4.2b
 NEIC IV 01 06 41 13.9-1.2 17.89S 178.63W 584-14 4.1b,4.2b
 IDC IV 01 06 41 14.7-1.9 17.90S 178.66W 591-19 4.8,4,0
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=23.4km s-min=7.7km az=125.3.
 NEIC Event type se. Error ellipse: s-maj=11.9km s-min=6.2km az=151.0.
 IDC Error ellipse: s-maj=39.7km s-min=10.0km az=151.0.
ISC IV 17 13 07 06.7-8.5 18.90S -08 177.73W -08 539-10 4.3b 54 8-154
 SZGRF IV 17 13 06 10.5 18.65S 178.75W 33 4.3b 18320693
 ISCB IV 17 13 07 05.0-8.3 18.90S -08 177.83W -07 529-10 4.3b
 BJI IV 17 13 07 05.6 18.90S 177.80W 527 4.7b,4,6b
 IDC IV 17 13 07 06.6-1.3 18.81S 177.90W 535-15 4.6,3,9
 NEIC IV 17 13 07 06.6-7.5 18.88S 177.75W 537-8 4.6b,3,9
 ISC Event type se.
 SZGRF Fiji Islands region.
 ISCB Event type se. Error ellipse: s-maj=14.7km s-min=8.3km az=108.5.
 IDC Error ellipse: s-maj=17.5km s-min=8.9km az=144.0.
 NEIC Event type se. Error ellipse: s-maj=11.6km s-min=6.7km az=139.0.
ISC IV 17 15 22 02.6-9.9 20.15S -20 177.5W -20 500 4.1b 12 8-150
 ISCB IV 17 15 22 01.3-9.9 20.15S -20 177.5W -20 500 4.1b 18320702
 NEIC IV 17 15 22 04.6-1.0 19.67S 177.34W 555-15 4.2b
 IDC IV 17 15 22 05.7-2.2 19.03S 177.83W 537-27 4.5,3,6b
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=33.5km s-min=16.3km az=117.4.
 NEIC Event type se. Error ellipse: s-maj=25.8km s-min=14.2km az=154.0.
 IDC Error ellipse: s-maj=50.0km s-min=20.9km az=149.0.
ISC IV 17 15 22 49.6-7.0 18.00S -07 178.43W -05 562-8 4.6b 117 8-152
 BJI IV 17 15 22 46.7 18.14S 177.73W 572 4.5b,4,4b 19595085
 ISCB IV 17 15 22 48.7-7.5 17.99S -07 178.52W -06 564-9 4.6b,4,4b
 NEIC IV 17 15 22 49.8-7.1 17.96S 178.48W 566-8 4.7b,4,4b
 MOS IV 17 15 22 49.3-2.9 17.82S 178.69W 541 4.9b,4,4b
 IDC IV 17 15 22 52.1-1.8 18.00S 178.53W 594-21 5.1,4,2
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=12.4km s-min=5.8km az=113.0.
 NEIC Event type se. Error ellipse: s-maj=9.1km s-min=4.6km az=143.0.
 MOS Error ellipse: s-maj=14.2km s-min=9.9km az=144.0.
 IDC Error ellipse: s-maj=16.4km s-min=9.5km az=143.0.
ISC IV 01 11 59 10.2-1.4 20.45S -20 177.5W -20 488-26 3.9b 16 8-150
 ISCB IV 01 11 59 09.7-1.5 20.35S -20 177.7W -20 488-27 3.9b 19593995
 NEIC IV 01 11 59 09.6-1.3 20.38S 177.41W 491-17 3.9b
 IDC IV 01 11 59 10.0-1.9 20.40S 177.45W 489-23 4.3,3,6
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=37.1km s-min=16.5km az=71.8.
 NEIC Event type se. Error ellipse: s-maj=27.5km s-min=14.2km az=138.0.
 IDC Error ellipse: s-maj=30.2km s-min=14.7km az=137.0.
ISC IV 27 15 41 03.6-1.2 17.75S -10 178.4W -10 495-17 4.0b 23 7-147
 ISCB IV 27 15 41 01.9-1.5 17.65S -10 178.5W -10 486-21 4.0b 19598096
 IDC IV 27 15 41 02.7-2.2 17.70S 178.52W 484-25 4.1,3,4
 NEIC IV 27 15 41 03.5-1.0 17.58S 178.49W 495-12 4.1b,3,4
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=20.2km s-min=18.1km az=119.3.
 IDC Error ellipse: s-maj=26.5km s-min=16.4km az=141.0.
 NEIC Event type se. Error ellipse: s-maj=15.6km s-min=11.1km az=149.0.
ISC IV 27 18 26 19.4-1.7 20.35S -20 177.4W -10 493-25 3.8b 12 8-150
 ISCB IV 27 18 26 19.1-1.6 20.35S -10 177.6W -10 494-24 3.8b 19598100
 IDC IV 27 18 26 21.3-8.0 20.42S 177.46W 514-86 4.2,3,5
 NEIC IV 27 18 26 23.1-6.2 20.40S 177.54W 538-66 3.9b,3,5
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=25.9km s-min=16.9km az=105.2.
 IDC Error ellipse: s-maj=51.6km s-min=35.2km az=8.0.
 NEIC Event type se. Error ellipse: s-maj=42.5km s-min=23.6km az=48.0.

IDC IV 27 19 31 05.0-7.1 19.02S 176.60W 0 4.1,3,8 18494436
 IDC Error ellipse: s-maj=345.2km s-min=32.5km az=146.0.
 ISC IV 19 06 51 36.5-9.9 20.65S -10 177.9W -10 523-15 4.5b 32 9-150
 ISCB IV 19 06 51 35.9-1.0 20.65S -10 178.0W -10 528-17 4.5b 19597489
 NEIC IV 19 06 51 37.2-8.0 20.66S 178.02W 531-10 4.6b
 IDC IV 19 06 51 37.1-2.0 20.68S 177.99W 527-22 4.7,4,0
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=22.2km s-min=11.0km az=88.2.
 NEIC Event type se. Error ellipse: s-maj=14.1km s-min=8.1km az=140.0.
 IDC Error ellipse: s-maj=25.1km s-min=13.8km az=144.0.
ISC IV 17 07 30 49.6-12 17.66S 178.58W 482-150 3.9,3,4 19595067
 IDC Error ellipse: s-maj=113.1km s-min=48.0km az=153.0.
ISC IV 28 05 39 06.4-8.1 18.30S 179.69W 654-437 4.3,3,3 19598130
 IDC Error ellipse: s-maj=970.9km s-min=101.8km az=72.0.
ISC IV 17 12 51 06.9-1.2 19.95S -20 177.3W -20 547-31 4.3b 16 8-150
 ISCB IV 17 12 51 06.9-1.1 19.85S -20 177.2W -30 584-38 4.4b 19595075
 IDC IV 17 12 51 06.3-1.7 19.84S 177.36W 535-25 4.6,3,7b
 NEIC IV 17 12 51 07.4-8.6 19.87S 177.33W 550-14 4.4b,3,7b
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=38.4km s-min=25.7km az=50.5.
 IDC Error ellipse: s-maj=39.4km s-min=19.7km az=140.0.
 NEIC Event type se. Error ellipse: s-maj=22.7km s-min=13.5km az=145.0.
ISC IV 02 12 09 27.7-11 16.84S 174.66E 0 4.1,4,0 19594112
 IDC Error ellipse: s-maj=218.2km s-min=95.4km az=105.0.
ISC IV 02 18 29 10.3-2.9 16.63S 176.36W 185-42 3.9,3,6 19594128
 IDC Error ellipse: s-maj=149.1km s-min=23.4km az=145.0.
ISC IV 18 11 25 20.6-2.7 18.30S 177.95W 418-32 4.1,3,5 19595136
 IDC Error ellipse: s-maj=129.0km s-min=18.2km az=151.0.
ISC VI 03 19 54 19.6-4.5 18.65S -90 176.0W -40 35 4.1b 10 36-90
 IDC VI 03 19 53 53.4-1.6 18.53S 173.12W 0 4.3,4,1b 19599766
 ISCB VI 03 19 54 17.4-1.5 18.45S -90 176.1W -40 33 4.1b,4,1b
 IDC IV 03 10 57 45.9-13 19.45S 178.46W 613-163 3.6,3,0 19594181
 IDC Error ellipse: s-maj=152.6km s-min=55.3km az=146.0.
ISC IV 03 15 30 03.7-1.7 18.35S -20 176.5W -20 317-28 3.5b 13 6-86
 ISCB IV 03 15 30 02.6-1.7 18.35S -20 176.7W -20 309-29 3.5b 19594190
 NEIC IV 03 15 30 02.8-1.6 18.32S 176.58W 305-24 3.5b
 IDC IV 03 15 30 03.2-2.1 18.31S 176.53W 308-33 4.0,3,4
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=42.2km s-min=21.4km az=72.9.
 NEIC Event type se. Error ellipse: s-maj=31.6km s-min=18.6km az=129.0.
 IDC Error ellipse: s-maj=39.5km s-min=21.7km az=127.0.
ISC IV 03 15 34 40.3-1.0 17.98S 178.40W 567-99 3.6,3,1 19594191
 IDC Error ellipse: s-maj=136.4km s-min=32.1km az=140.0.
ISC IV 03 16 04 28.9-2.3 17.13S -06 176.89W -04 17-13 4.8b,4.6s 90 6-153
 ISCB IV 03 16 04 25.0-1.9 17.17S -06 176.90W -04 3-11 4.8b,4.6s 18228736
 NEIC IV 03 16 04 31.3-35 17.10S 176.93W 35 4.9b,4.6s
 HRVD IV 03 16 04 31.3-20 17.04S 176.80W 13-0 5.3W,4.6s
 BJI IV 03 16 04 31.4 16.75S 176.56W 35 5.2b,5.0s
 IDC IV 03 16 04 32.0-2.4 17.25S 176.92W 43-22 4.5b,4.5
 MOS IV 03 16 04 33.6-3.4 16.90S 177.23W 33 5.1b,4.5
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=10.5km s-min=6.3km az=164.1.
 NEIC Event type se. Error ellipse: s-maj=13.7km s-min=9.1km az=151.0.
 IDC Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s63,c104; Mantle waves: s88,c158; Half duration: 151 Moment tensor: Scale
 1017Nm; M₀-0.20; 0.2 M₀-0.90; 0.2 M₀-1.10; 0.2 M₀-0.00; 0.3 M₀-0.22; 0.1 M₀-0.31; 0.5;
 Best double couple: NP1:φ₀52.00000°;δ79.00000°;λ7.00000°; NP2:φ₀321.00000°;δ83.00000°
 λ169.00000°; Principal axes: T 1.1930,Plg3.0000°; Azm276.0000°; N -0.2700,Plg77.0000°
 Azm110.0000°; P -0.9230,Plg3.0000°; Azm77.0000°; M₀1.058000×10¹⁷
 IDC Error ellipse: s-maj=21.3km s-min=11.6km az=159.0.
 MOS Error ellipse: s-maj=13.8km s-min=12.6km az=121.6.
ISC IV 03 16 08 57.9-4.6 17.53S 177.61W 0 3.9,3,7b 19594192
 IDC Error ellipse: s-maj=203.4km s-min=35.0km az=139.0.
ISC IV 03 17 12 43.9-15 19.14S 177.44W 586-178 3.9,3,1 19594196
 IDC Error ellipse: s-maj=114.3km s-min=63.1km az=134.0.
ISC IV 20 01 09 09.4-7.8 17.79S 178.46W 572-95 4.4,3,7 19597518
 IDC Error ellipse: s-maj=99.8km s-min=31.9km az=151.0.
ISC IV 20 02 57 11.4-4.5 17.48S 177.06W 0 4.3,4,1b 19597524
 IDC Error ellipse: s-maj=199.4km s-min=34.9km az=138.0.
ISC IV 23 10 22 09.4-9.7 19.95S -20 178.0W -10 608-14 4.0b 22 8-152
 ISCB IV 23 10 22 08.5-9.5 19.95S -20 178.1W -10 607-15 4.0b 19597775
 IDC IV 23 10 22 10.0-1.9 19.89S 178.21W 608-23 4.2,3,5
 NEIC IV 23 10 22 10.0-8.8 19.96S 178.02W 615-11 4.3b,3,5
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=30.3km s-min=10.9km az=103.6.
 IDC Error ellipse: s-maj=30.2km s-min=12.8km az=147.0.
 NEIC Event type se. Error ellipse: s-maj=21.3km s-min=8.6km az=147.0.
ISC IV 23 11 12 59.1-1.2 18.55S -20 177.7W -10 440-14 3.6b 18 7-151
 ISCB IV 23 11 12 58.1-1.2 18.45S -20 177.9W -10 437-14 3.6b 19597778
 NEIC IV 23 11 12 59.3-1.0 18.55S 177.75W 447-10 3.6b
 IDC IV 23 11 12 59.1-1.7 18.64S 177.77W 441-17 4.1,3,5
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=29.4km s-min=13.1km az=112.4.
 NEIC Event type se. Error ellipse: s-maj=40.8km s-min=9.1km az=149.0.
 IDC Error ellipse: s-maj=36.2km s-min=11.2km az=147.0.
ISC IV 20 06 00 52.8-1.9 17.65S 178.02W 464-207 3.8,3,2 19597528
 IDC Error ellipse: s-maj=145.5km s-min=73.5km az=136.0.
ISC IV 04 13 31 25.9-1.5 18.05S -20 178.5W -10 521-24 3.7b 10 8-148
 ISCB IV 04 13 31 24.4-1.6 18.05S -20 178.6W -10 514-25 3.7b 19594242
 NEIC IV 04 13 31 25.8-1.1 17.89S 178.56W 526-16 3.8b
 IDC IV 04 13 31 26.0-2.0 17.98S 178.45W 533-31 4.1,3,3
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=30.6km s-min=20.5km az=143.5.
 NEIC Event type se. Error ellipse: s-maj=21.4km s-min=14.5km az=151.0.
 IDC Error ellipse: s-maj=31.4km s-min=23.6km az=125.0.
ISC IV 30 17 47 16.9-9.5 16.55S -20 178.0W -10 403-12 3.9b 24 7-144
 ISCB IV 30 17 47 15.8-1.0 16.55S -20 178.1W -10 405-13 3.9b 18321388
 NEIC IV 30 17 47 16.7-1.2 16.47S 178.07W 402-14 3.8b
 IDC IV 30 17 47 16.5-1.6 16.72S 177.95W 407-23 4.3,3,8
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=29.0km s-min=10.6km az=127.1.
 NEIC Event type se. Error ellipse: s-maj=24.7km s-min=10.3km az=152.0.
 IDC Error ellipse: s-maj=85.9km s-min=10.7km az=152.0.
ISC IV 20 14 15 21.0-2.4 20.65S -30 177.4W -40 455-51 3.7b 17 9-84
 ISCB IV 20 14 15 20.0-2.4 20.55S -30 177.5W -40 456-50 3.7b 19597547
 IDC IV 20 14 15 20.7-4.9 20.56S 177.39W 458-107 4.2,3,5
 NEIC IV 20 14 15 21.2-1.6 20.60S 177.50W 455-33 4.1b,3,5
 ISC Event type se.
 ISCB Event type se. Error ellipse: s-maj=74.0km s-min=32.0km az=75.0.
 IDC Error ellipse: s-maj=109.7km s-min=54.7km az=131.0.
 NEIC Event type se. Error ellipse: s-maj=43.5km s-min=23.9km az=132.0.
ISC IV 24 13 17 38.9-1.7 17.25S -70 178.8W -30 550 3.2b 5 8-147
 ISCB IV 24 13 17 34.1-9.9 17.19S 178.74W 495-115 3.8,3,3 19597868
 IDC IV 24 13 17 37.4-1.8 17.45S -70 178.8W -40 550 3.2b,3,3
 NEIC IV 24 13 17 41.1-1.3 17.11S 178.47W 565-15 3.2b,3,3
 ISC Event type se.
 IDC Error ellipse: s-maj=143.1km s-min=34.6km az=151.0.

ISCJB	Event type se. Error ellipse: s-maj=106.9km s-min=-21.6km az=133.1.								
NEIC	Event type se. Error ellipse: s-maj=47.8km s-min=16.5km az=159.0.								
ISC	IV 24 16 28 59.3-1.1	20.36S	-07	177.56W	-08	491-13	4.5b	60	8-173
SZGRF	IV 24 16 28 07.3-1.1	20.15S		177.90W		33	4.5b		18321112
BJI	IV 24 16 28 56.3	20.20S		177.60W		492	4.9b,4.5b		
ISCJB	IV 24 16 28 57.1-9.9	20.25S	-07	177.63W	-08	476-12	4.5b,4.5b		
MOS	IV 24 16 28 58.9-2.3	20.16S		177.90W		471	4.9b,4.5b		
NEIC	IV 24 16 28 59.3-9.4	20.19S		177.63W		492-10	4.9b,4.5b		
IDC	IV 24 16 29 00.9-1.5	20.22S		177.70W		510-17	4.8,4.0		
ISC	Event type se.								
SZGRF	Fiji Islands region.								
ISCJB	Event type se. Error ellipse: s-maj=12.5km s-min=9.3km az=78.7.								
MOS	Error ellipse: s-maj=21.7km s-min=13.5km az=156.0.								
NEIC	Event type se. Error ellipse: s-maj=12.0km s-min=8.1km az=142.0.								
IDC	Error ellipse: s-maj=18.5km s-min=10.3km az=152.0.								
ISC	IV 24 22 40 13.3-6.4	14.55S	-20	177.44W	-20	35	4.0b,4.0s	11	18-144
IDC	IV 24 22 40 06.4-2.7	14.82S		177.18W		0	4.0,3.9		18494373
ISCJB	IV 24 22 40 11.4-6.3	14.55S	-20	177.5W	-20	33	4.0b,4.0s		
NEIC	IV 24 22 40 13.2-5.9	14.45S		177.50W		35	4.4b,4.0s		
ISC	Event type se.								
IDC	Error ellipse: s-maj=154.8km s-min=20.8km az=147.0.								
ISCJB	Event type se. Error ellipse: s-maj=30.2km s-min=15.9km az=87.2.								
NEIC	Event type se. Error ellipse: s-maj=31.2km s-min=16.8km az=135.0.								
IDC	IV 05 19 26 52.0-3.6	19.95S		177.16W		0	4.3,4.1		19594309
IDC	Error ellipse: s-maj=196.5km s-min=24.2km az=151.0.								
ISC	IV 25 15 12 49.0-3.0	14.90S	-07	176.62W	-08	35	4.8b,4.4s	82	5-150
IDC	IV 25 15 12 42.1-7.9	14.62S		176.92W		0	4.5,4.4		18494395
NEIC	IV 25 15 12 44.5-3.3	14.78S		176.84W		10	5.0b,4.7s		
HRVD	IV 25 15 12 44.5-2.0	14.93S		176.60W		12	5.0W,4.7s		
MOS	IV 25 15 12 46.0-1.1	14.91S		176.81W		33	5.1b,4.7s		
ISCJB	IV 25 15 12 46.9-3.1	14.92S	-08	176.63W	-08	33	4.8b,4.4s		
BJI	IV 25 15 12 47.1	14.80S		176.80W		10	5.2b,4.9s		
ISC	Event type se.								
IDC	Error ellipse: s-maj=41.8km s-min=19.0km az=137.0.								
NEIC	Event type se. Error ellipse: s-maj=18.4km s-min=9.4km az=133.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s43,c51; Mantle waves: s77,c123; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=2.22±0.10; Mw=1.99±0.09; Mm=0.68±0.24; M0=0.39±0.09; Mw=0.24±0.29; Best double couple: NP1:0.56,0.00000°,0.848,0.00000°,λ-135.00000°; NP2:0.293,0.00000°,0.858,0.00000°,λ-52.00000°. Principal axes: T 4.3120,Plg6.0000°,Az=357.0000°; N -1.8350,Plg32.0000°,Az=90.0000°; P -2.4670,Plg57.0000°,Az=258.0000°; M0.39000×10 ¹⁶								
MOS	Error ellipse: s-maj=19.9km s-min=11.4km az=60.8.								
ISCJB	Event type se. Error ellipse: s-maj=12.8km s-min=8.6km az=90.8.								
IDC	IV 05 23 35 17.0-4.6	21.46S		178.52W		0	4.4,4.3		19594320
IDC	Error ellipse: s-maj=191.8km s-min=33.7km az=143.0.								
IDC	IV 06 12 53 22.0-5.4	20.54S		177.68W		464-35	3.9,3.1		19594369
IDC	Error ellipse: s-maj=173.0km s-min=20.4km az=149.0.								
NEIC	IV 09 08 14 32.7-2.2	19.13S		177.32W		350	3.6b		
IDC	IV 09 08 14 34.3-6.8	18.52S		177.52W		367-157	4.1,3.5		19594517
NEIC	Event type se. Error ellipse: s-maj=122.0km s-min=15.4km az=148.0.								
IDC	Error ellipse: s-maj=126.4km s-min=96.2km az=113.0.								
ISC	IV 28 10 10 22.7-2.8	20.75S	-60	177.9W	-50	600	3.9b	14	15-143
NEIC	IV 28 10 10 15.3-2.1	20.49S		177.89W		500	3.9b		19598140
ISCJB	IV 28 10 10 22.5-2.9	20.65S	-60	178.1W	-50	600	3.9b		
IDC	IV 28 10 10 23.4-8.0	20.49S		178.11W		592-76	4.3,3.4		
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=82.9km s-min=21.6km az=145.0.								
ISCJB	Event type se. Error ellipse: s-maj=101.8km s-min=25.7km az=108.7.								
IDC	Error ellipse: s-maj=100.6km s-min=37.3km az=135.0.								
ISC	IV 28 16 55 00.5-3.3	18.25S	-40	178.8W	-30	579-62	4.2b	16	22-148
ISCJB	IV 28 16 54 59.8-3.2	18.25S	-40	178.8W	-30	588-61	4.2b		19598158
IDC	IV 28 16 55 00.5-3.4	17.87S		178.68W		600-39	4.3,3.5		
NEIC	IV 28 16 55 07.7-3.4	18.03S		179.04W		680-38	4.2b,3.5		
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=75.0km s-min=22.3km az=58.6.								
IDC	Error ellipse: s-maj=33.0km s-min=22.0km az=175.0.								
NEIC	Event type se. Error ellipse: s-maj=35.4km s-min=14.8km az=66.0.								
ISC	IV 07 08 46 18.9-3.4	16.85S	-20	176.8E	-20	73-28	4.0b	15	11-145
ISCJB	IV 07 08 46 17.5-4.8	16.95S	-20	176.8E	-20	73-41	4.0b		19594411
IDC	IV 07 08 46 18.9-6.2	16.61S		176.65E		65-56	4.1,4.0		
NEIC	IV 07 08 46 19.4-2.4	16.81S		176.74E		76-21	4.6b,4.0		
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=36.2km s-min=24.3km az=103.3.								
IDC	Error ellipse: s-maj=56.9km s-min=24.7km az=147.0.								
NEIC	Event type se. Error ellipse: s-maj=22.7km s-min=14.7km az=140.0.								
ISC	IV 07 17 04 59.4-9.9	21.75S	-10	179.5W	-10	568-18	4.0b	26	8-143
ISCJB	IV 07 17 04 58.5-1.0	21.75S	-10	179.5W	-10	572-19	4.0b		19594426
NEIC	IV 07 17 04 58.9-9.6	21.60S		179.37W		568-15	4.1b		
IDC	IV 07 17 05 00.3-1.4	21.80S		179.18W		604-26	4.4,3.5		
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=19.1km s-min=16.6km az=151.5.								
NEIC	Event type se. Error ellipse: s-maj=16.8km s-min=14.4km az=79.0.								
IDC	Error ellipse: s-maj=30.1km s-min=19.5km az=137.0.								
IDC	IV 21 11 06 57.5-3.4	15.80S		178.85W		0	4.0,3.9		19597645
IDC	Error ellipse: s-maj=246.4km s-min=24.4km az=151.0.								
ISC	IV 30 07 03 33.6-7.6	16.15S	-20	179.0W	-10	35	4.2b,4.2s	21	7-149
IDC	IV 30 07 03 27.4-1.5	16.32S		178.88W		0	4.2s,4.2		18494490
NEIC	IV 30 07 03 30.1-6.7	15.81S		179.22W		10	4.8b,4.2		
HRVD	IV 30 07 03 30.1-2.0	15.74S		179.04W		18-1	5.1W,4.2		
ISCJB	IV 30 07 03 31.4-7.7	16.25S	-20	179.0W	-10	33	4.2b,4.2s		
MOS	IV 30 07 03 31.7-1.4	16.14S		178.97W		33	4.7b,4.2s		
ISC	Event type se.								
IDC	Error ellipse: s-maj=70.7km s-min=21.2km az=146.0.								
NEIC	Event type se. Error ellipse: s-maj=34.5km s-min=11.4km az=156.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s43,c62; Mantle waves: s89,c153; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=0.38±0.14; Mw=4.46±1.3; Mm=4.08±1.2; M0=0.90±0.28; Mw=2.63±1.1; Mw=1.05±0.27; Best double couple: NP1:0.61,0.00000°,0.875,0.00000°,λ-1.00000°; NP2:0.151,0.00000°,0.889,0.00000°,λ-165.00000°. Principal axes: T 4.9560,Plg10.0000°,Az=285.0000°; N 0.4780,Plg75.0000°,Az=155.0000°; P -5.4360,Plg11.0000°,Az=17.0000°; M0.96000×10 ¹⁶								
ISCJB	Event type se. Error ellipse: s-maj=36.2km s-min=12.1km az=132.3.								
MOS	Error ellipse: s-maj=32.6km s-min=19.2km az=154.7.								
ISC	IV 30 08 58 37.5-1.2	18.35S	-20	178.7W	-10	494-16	4.0b	26	8-148
ISCJB	IV 30 08 58 36.2-1.4	18.25S	-20	178.8W	-10	489-17	4.0b		19598254
IDC	IV 30 08 58 36.6-2.3	18.28S		178.79W		480-27	4.1,3.5		
NEIC	IV 30 08 58 37.0-9.4	18.25S		178.75W		488-11	4.3b,3.5		
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=26.4km s-min=12.4km az=132.7.								
IDC	Error ellipse: s-maj=29.0km s-min=14.5km az=147.0.								
NEIC	Event type se. Error ellipse: s-maj=18.2km s-min=8.5km az=153.0.								
ISC	IV 08 06 19 39.9-1.7	17.35S	-50	177.0W	-30	389-21	3.6b	11	6-126
ISCJB	IV 08 06 19 38.3-1.7	17.35S	-40	177.2W	-30	382-20	3.6b		19594462
IDC	IV 08 06 19 39.4-2.3	17.01S		177.34W		370-31	3.9,3.5		
NEIC	IV 08 06 19 39.2-1.4	17.37S		177.09W		381-16	4.0b,3.5		
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=82.2km s-min=17.9km az=118.6.								
IDC	Error ellipse: s-maj=106.4km s-min=15.1km az=147.0.								
NEIC	Event type se. Error ellipse: s-maj=61.1km s-min=13.8km az=150.0.								
ISC	IV 08 07 39 56.6-1.5	18.45S	-50	177.7W	-40	587-25	4.1b	16	7-148
ISCJB	IV 08 07 39 55.6-1.5	18.55S	-50	177.7W	-30	599-23	4.1b		19594465
NEIC	IV 08 07 39 56.1-1.4	18.44S		177.74W		578-36	4.3b		
IDC	IV 08 07 39 56.2-2.1	18.31S		177.86W		566-23	4.4,3.6		
ISC	Event type se.								

ISCJB	Event type se. Error ellipse: s-maj=82.8km s-min=19.8km az=114.7.								
NEIC	Event type se. Error ellipse: s-maj=71.6km s-min=33.0km az=159.0.								
IDC	Error ellipse: s-maj=83.8km s-min=16.8km az=148.0.								
IV	22 14 32 28.6-8.5	16.83S		177.34W					

IDC	Error ellipse: s-maj=1221.0km s-min=145.3km az=76.0.									¶19600192	IDC	III	30 18 26 06.1-5.7	19.21S	178.19W	0	4.0,3.8b		
IDC	VI 18 09 37 01.2-31	16.99S	178.06W	0	4.3,4.1b						IDC	Error ellipse: s-maj=297.7km s-min=40.3km az=149.0.							¶10613825
IDC	Error ellipse: s-maj=594.7km s-min=143.7km az=84.0.									¶19600147	IDC	III	03 20 03 03.5-62	15.63S	177.70W	0	4.5,4.3b		
IDC	VI 18 02 45 30.3-43	19.27S	178.86W	642-417	4.2,3.3						IDC	Error ellipse: s-maj=1142.0km s-min=151.1km az=77.0.							¶10596778
IDC	VI 16 18 51 23.6-36	13.13S	173.77E	0	4.1,4.0b					¶19600139	IDC	III	07 08 17 19.6-61	17.43S	178.68W	0	4.1,3.9		
IDC	Error ellipse: s-maj=387.6km s-min=192.2km az=107.0.										IDC	Error ellipse: s-maj=1107.0km s-min=148.9km az=79.0.							¶10598903
IDC	VI 16 14 54 48.0-63	16.24S	176.80W	0	4.3,4.1b					¶19600093	IDC	III	21 21 12 59.1-1.1	20.1S-20	177.6W-20	536-16	3.6b	15	8-150
IDC	Error ellipse: s-maj=657.3km s-min=116.1km az=74.0.										IDC	III	21 21 12 58.1-1.1	20.1S-20	177.7W-20	531-19	3.6b		
IDC	VI 16 14 54 48.0-63	16.24S	176.80W	0	4.3,4.1b					¶19600086	IDC	III	21 21 12 59.3-1.1	20.21S	177.55W	542-13	3.6b		
IDC	Error ellipse: s-maj=1179.0km s-min=171.8km az=78.0.										IDC	III	21 21 13 00.0-1.8	20.22S	177.62W	544-23	4.1,3.4		
IDC	VI 05 14 00 20.0-98	21.02S-08	178.96W-07	586-13	4.3b	50	10-172				IDC	Event type se.							
SZGRF	VI 05 13 59 13.7	22.62S	179.49W	33	4.3b					¶18443288	IDC	Event type se. Error ellipse: s-maj=32.6km s-min=14.1km az=90.8.							
ISCJB	VI 05 14 00 18.4-86	20.97S-08	178.99W-07	582-13	4.3b						IDC	Event type se. Error ellipse: s-maj=26.8km s-min=12.4km az=143.0.							
BJI	VI 05 14 00 19.9	20.90S	179.00W	592	4.7b,4.6b						IDC	Error ellipse: s-maj=32.8km s-min=14.4km az=143.0.							
NEIC	VI 05 14 00 20.0-67	20.92S	178.96W	592-8	4.5b,4.6b						IDC	III	21 21 31 28.7-3.1	17.5S-40	178.4W-30	603-41	4.0b	18	15-147
IDC	VI 05 14 00 21.5-1.3	21.04S	179.08W	606-14	4.6,3.7						IDC	III	21 21 31 27.9-3.8	17.49S	178.40W	593-40	4.3b		
ISC	Event type se.										IDC	III	21 21 31 29.0-2.5	17.6S-40	178.4W-30	624-32	4.0b		
SZGRF	South of Fiji Islands.										IDC	III	21 21 31 28.8-3.0	17.65S	178.35W	605-36	4.3,3.5		
ISCJB	Event type se. Error ellipse: s-maj=13.0km s-min=8.3km az=119.7.										IDC	Event type se.							
NEIC	Event type se. Error ellipse: s-maj=10.0km s-min=6.2km az=152.0.										IDC	Event type se. Error ellipse: s-maj=69.1km s-min=19.1km az=113.8.							
IDC	Error ellipse: s-maj=14.4km s-min=9.9km az=161.0.										IDC	Error ellipse: s-maj=80.5km s-min=16.3km az=149.0.							
IDC	VI 09 00 21 53.9-3.4	18.56S	176.16W	0	4.4,4.1b					¶19599916	IDC	III	22 09 01 56.9-1.2	18.7S-20	178.0W-10	503-16	3.7b	20	8-95
IDC	Error ellipse: s-maj=276.9km s-min=26.1km az=155.0.										IDC	III	22 09 01 55.3-1.2	18.7S-20	178.0W-10	495-15	3.7b		
ISC	VI 05 22 43 27.5-1.7	21.39S-10	176.6W-10	293-20	3.7b	14	9-151				IDC	III	22 09 01 57.0-1.7	18.63S	178.07W	504-20	4.2,3.6		
NEIC	VI 05 22 43 23.5-1.5	21.37S	177.16W	210-15	3.8b					¶19221480	IDC	III	22 09 01 57.2-9.7	18.70S	178.02W	507-12	4.1b,3.6		
IDC	VI 05 22 43 26.9-5.2	21.41S	176.61W	291-47	4.2,3.7						IDC	Event type se.							
ISCJB	VI 05 22 43 27.8-1.9	21.2S-10	176.7W-10	313-24	3.7b,3.7						IDC	Event type se. Error ellipse: s-maj=27.2km s-min=11.9km az=124.6.							
ISC	Event type se.										IDC	Error ellipse: s-maj=25.4km s-min=11.5km az=151.0.							
NEIC	Event type se.										IDC	Event type se. Error ellipse: s-maj=17.4km s-min=8.5km az=151.0.							
ISCJB	Event type se.										IDC	III	04 18 19 31.3-2.4	20.9S-20	177.2W-20	293-29	4.1b	20	9-151
IDC	VI 05 09 43 43.4-31	16.66S	178.28W	0	4.6,4.4b					¶19599824	IDC	III	04 18 19 32.0-2.7	20.8S-20	177.1W-30	329-40	4.0b		
IDC	Error ellipse: s-maj=602.6km s-min=135.8km az=84.0.										IDC	III	04 18 19 31.5-2.2	20.87S	177.16W	296-27	4.4b		
IDC	VI 04 13 27 50.0-4.7	17.27S	176.06W	0	4.0,3.9					¶19599787	IDC	III	04 18 19 58.7-2.9	20.76S	178.28W	544-27	4.5,3.7		
IDC	Error ellipse: s-maj=259.7km s-min=25.2km az=148.0.										IDC	Event type se.							
IDC	VI 04 05 19 23.5-5.4	21.45S	179.47W	0	4.5,4.2b					¶19599777	IDC	Event type se. Error ellipse: s-maj=40.9km s-min=33.1km az=68.3.							
IDC	Error ellipse: s-maj=283.9km s-min=55.4km az=153.0.										IDC	Event type se. Error ellipse: s-maj=33.0km s-min=20.0km az=147.0.							
ISC	III 03 12 54 18.5-59	21.09S-06	179.04W-04	622-8	4.9b	142	8-172				IDC	Error ellipse: s-maj=43.5km s-min=17.1km az=148.0.							
SZGRF	III 03 12 53 07.3	22.80S	177.98W	33	5.1b					¶10596570	IDC	III	25 02 47 48.0-2.1	19.6S-20	177.7W-10	390-22	4.0b	24	15-149
CSEM	III 03 12 53 16.6	20.63S	178.38W	33	5.8b						IDC	III	25 02 47 46.3-2.3	19.6S-10	177.8W-10	385-24	4.0b		
ISCJB	III 03 12 54 17.2-56	21.09S-05	179.07W-04	623-8	4.9b						IDC	III	25 02 47 48.0-2.3	19.89S	177.72W	393-26	4.4,3.9		
MOS	III 03 12 54 17.3-1.5	20.98S	179.06W	620	5.0b						IDC	III	25 02 47 51.6-2.8	19.52S	177.98W	421-29	4.2b,3.9		
IDC	III 03 12 54 18.5-81	21.16S	179.01W	629-9	5.3,4.3b						IDC	Event type se.							
NEIC	III 03 12 54 18.6-57	21.10S	179.03W	628-6	4.8b,4.3b						IDC	Event type se. Error ellipse: s-maj=25.0km s-min=14.1km az=118.9.							
BJI	III 03 12 54 21.1	20.29S	179.37W	628	5.0b,4.8b						IDC	Error ellipse: s-maj=32.5km s-min=12.4km az=148.0.							
ISC	Event type se.										IDC	Event type se. Error ellipse: s-maj=21.4km s-min=14.7km az=133.0.							
SZGRF	South of Fiji Islands.										IDC	III	25 16 44 02.5-1.4	15.4S-10	179.0W-10	397-16	4.0b	24	7-178
ISCJB	Event type se. Error ellipse: s-maj=8.6km s-min=5.5km az=135.4.										IDC	III	25 16 44 00.7-1.5	15.4S-10	179.1W-10	389-17	4.0b		
MOS	Error ellipse: s-maj=10.4km s-min=10.3km az=112.2.										IDC	III	25 16 44 01.9-1.3	15.36S	179.05W	394-14	4.1b		
IDC	Error ellipse: s-maj=9.9km s-min=8.5km az=154.0.										IDC	III	25 16 44 02.2-2.1	15.47S	178.95W	395-23	4.4,3.8		
NEIC	Event type se. Error ellipse: s-maj=8.0km s-min=5.4km az=149.0.										IDC	Event type se.							
IDC	VI 02 19 48 50.4-58	18.91S	177.66W	0	4.0,3.9b					¶19599718	IDC	Event type se. Error ellipse: s-maj=22.1km s-min=14.2km az=122.5.							
IDC	Error ellipse: s-maj=1062.0km s-min=169.0km az=81.0.										IDC	Event type se. Error ellipse: s-maj=18.3km s-min=10.5km az=144.0.							
ISC	III 18 03 12 58.3-1.0	19.5S-20	176.5W-10	354-15	3.9b	18	5-146				IDC	Error ellipse: s-maj=23.3km s-min=12.7km az=143.0.							
ISCJB	III 18 03 12 57.0-1.0	16.0S-20	176.5W-10	356-15	3.9b					¶10605751	IDC	III	07 00 21 09.7-4.1	20.8S-20	177.8W-20	505-44	4.0b	18	15-172
NEIC	III 18 03 12 57.6-1.1	15.93S	176.54W	347-13	4.2b						IDC	III	07 00 21 09.9-6.0	20.80S	177.69W	485-58	4.3,3.7		
IDC	III 18 03 12 57.2-1.5	16.11S	176.46W	342-17	4.3,3.7						IDC	III	07 00 21 09.9-3.4	20.77S	177.78W	508-34	4.1b,3.7		
ISC	Event type se.										IDC	III	07 00 21 11.9-4.5	20.8S-20	177.9W-20	539-52	4.0b,3.7		
ISCJB	Event type se. Error ellipse: s-maj=27.6km s-min=14.7km az=131.8.										IDC	Event type se.							
NEIC	Event type se. Error ellipse: s-maj=21.1km s-min=10.6km az=152.0.										IDC	Event type se.							
IDC	Error ellipse: s-maj=36.0km s-min=13.1km az=139.0.										IDC	III	09 01 23 34.9-1.2	20.4S-10	177.8W-10	573-18	4.0b	20	9-89
ISC	III 18 06 03 45.0-1.4	19.1S-20	177.6W-20	565-23	3.6b	9	8-149				IDC	III	09 01 23 33.0-1.4	20.3S-10	177.9W-10	555-24	4.0b		
ISCJB	III 18 06 03 44.1-1.5	19.1S-20	177.7W-20	568-25	3.6b					¶10605807	IDC	III	09 01 23 34.6-1.9	20.32S	177.89W	563-28	4.4,3.6		
IDC	III 18 06 03 45.0-1.7	19.02S	177.64W	568-22	4.1,3.4						IDC	III	09 01 23 34.5-1.0	20.33S	177.78W	568-15	4.5b,3.6		
NEIC	III 18 06 03 45.5-1.1	19.01S	177.67W	575-14	4.2b,3.4						IDC	Event type se.							
ISC	Event type se.										IDC	Event type se. Error ellipse: s-maj=26.0km s-min=1							

HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s40,c51; Mantle waves: s44,c50;Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=1.46±.33 Mw=3.14±.26 Mw0.60±.27; Mr=1.20±.22; Mw=0.81±.26; Mw0.88±.27; Best double couple: NP1:φ=37.00000°,δ55.00000°,λ-13.00000°. NP2:φ=133.00000°,δ78.00000°,λ-154.00000°. Principal axes: T 4.8460,Plg9.0000°;AzM263.0000°; N -1.0690,Plg62.0000°;AzM155.0000°; P -3.7770,Plg27.0000°;AzM357.0000°; M0.431200x1016

NEIC Event type se. Error ellipse: s-maj=16.7km s-min=14.1km az=132.0.
 ISC VI 11 08 57 19.2-1.1 17.15-20 179.0W-10 517-18 4.0b 19 8-152
 ISCJB VI 11 08 57 18.0-1.3 17.05-20 179.1W-10 514-20 4.0b 18463878
 NEIC VI 11 08 57 17.8-1.5 16.83S 179.21W 490-19 4.2b
 IDC VI 11 08 57 18.1-2.0 17.79S 178.67W 525-24 4.4,3.7
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=31.6km s-min=12.2km az=123.6.
 NEIC Event type se. Error ellipse: s-maj=38.7km s-min=13.9km az=154.0.
 IDC Error ellipse: s-maj=50.2km s-min=13.6km az=150.0.

ISC VI 13 11 04 30.2-1.9 20.85-10 179.11W-08 628-23 4.2b 120 32-151
 NEIC VI 13 11 04 29.0-3.5 20.77S 179.07W 619-42 4.3b 18855327
 ISCJB VI 13 11 04 29.1-1.9 20.85-10 179.19W-08 632-24 4.2b
 IDC VI 13 11 04 30.7-2.3 21.00S 179.06W 642-27 4.6,3.7
 MOS VI 13 11 04 31.1-2.3 19.75S 179.60W 602 4.3b,3.7
 ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=24.3km s-min=16.3km az=137.0.
 ISCJB Event type se. Error ellipse: s-maj=22.2km s-min=6.8km az=133.2.
 IDC Error ellipse: s-maj=34.9km s-min=11.1km az=154.0.
 MOS Error ellipse: s-maj=24.5km s-min=16.7km az=164.4.

ISC VI 15 11 40 11.5-1.2 18.85-20 178.0W-50 582-61 4.1b 14 8-149
 ISCJB VI 15 11 40 10.8-1.0 18.85-20 177.8W-30 625-37 4.1b 19222021
 IDC VI 15 11 40 10.9-1.8 18.60S 178.15W 567-24 4.5,3.6b
 NEIC VI 15 11 40 11.2-83 18.72S 178.00W 586-17 3.8b,3.6b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=45.7km s-min=26.0km az=54.8.
 IDC Error ellipse: s-maj=45.9km s-min=20.0km az=147.0.
 NEIC Event type se. Error ellipse: s-maj=30.1km s-min=14.3km az=136.0.

ISC VI 16 09 51 38.4-1.8 20.05-40 177.6W-30 400 4.0b 10 34-80
 IDC VI 16 09 51 36.0-1.2 20.01S 177.50W 380-131 4.3,3.8 19600081
 ISCJB VI 16 09 51 37.1-1.8 19.95-40 177.6W-30 400 4.0b,3.8
 ISC VI 18 11 22 22.8-1.0 18.25S-08 178.04W-06 604-12 4.3b 199 7-175
 SZGRF VI 18 11 21 14.9 19.73S 177.51W 33 4.3b 18481208
 MOS VI 18 11 22 14.1-2.0 18.08S 177.88W 502 4.2b
 BJI VI 18 11 22 21.1 18.86S 178.69W 597 4.3b,4.2b
 ISCJB VI 18 11 22 21.6-1.0 18.26S-08 178.09W-06 607-13 4.3b,4.2b
 IDC VI 18 11 22 22.6-1.4 18.29S 178.02W 608-17 4.7,3.9
 NEIC VI 18 11 22 22.0-86 18.22S 178.00W 597-9 4.2b,3.9

ISC Event type se.
 SZGRF Fiji Islands region.
 MOS Error ellipse: s-maj=16.1km s-min=10.3km az=45.7.
 ISCJB Event type se. Error ellipse: s-maj=14.4km s-min=5.8km az=114.7.
 IDC Error ellipse: s-maj=17.5km s-min=10.4km az=150.0.
 NEIC Event type se. Error ellipse: s-maj=12.9km s-min=5.8km az=145.0.

ISC VI 20 01 47 19.7-1.0 18.00S-08 178.59W-08 575-12 4.1b 114 8-153
 SZGRF VI 20 01 46 13.9 19.75S 178.25W 33 4.1b 19222303
 ISCJB VI 20 01 47 18.6-1.1 18.00S-08 178.63W-07 575-14 4.1b
 NEIC VI 20 01 47 19.1-96 17.99S 178.55W 572-11 4.2b
 IDC VI 20 01 47 19.6-2.0 17.94S 178.61W 576-22 4.3,3.7
 ISC Event type se.
 SZGRF Fiji Islands region.
 ISCJB Event type se. Error ellipse: s-maj=14.6km s-min=8.1km az=106.0.
 NEIC Event type se. Error ellipse: s-maj=13.9km s-min=8.7km az=133.0.
 IDC Error ellipse: s-maj=22.7km s-min=13.5km az=143.0.

ISC VI 22 21 30 09.5-98 18.15-10 178.4W-10 568-14 4.4b 30 8-146
 ISCJB VI 22 21 30 08.2-1.1 18.05-10 178.5W-10 567-17 4.4b 19222455
 NEIC VI 22 21 30 09.0-80 18.11S 178.42W 567-11 4.6b
 IDC VI 22 21 30 09.3-1.6 18.14S 178.43W 567-22 4.8,4.0
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=23.6km s-min=11.5km az=120.6.
 NEIC Event type se. Error ellipse: s-maj=17.8km s-min=8.7km az=152.0.
 IDC Error ellipse: s-maj=36.9km s-min=13.3km az=154.0.

ISC VI 03 08 25 59.4-12 17.74S-03 177.24W-03 353 4.8b 334 6-175
 CSEM VI 03 08 25 23.5 17.68S 177.02W 33 5.8b 18443177
 ISCJB VI 03 08 25 57.8-12 17.74S-03 177.26W-03 351 4.8b
 MOS VI 03 08 25 57.1-1.0 17.63S 177.26W 339 4.9b
 BJI VI 03 08 25 58.5 17.21S 176.66W 362 5.0b,4.7b
 HRVD VI 03 08 25 59.2-60 17.59S 177.31W 394-2 5.3W,4.7b
 NEIC VI 03 08 25 59.2-15 17.64S 177.29W 354 4.9b,4.7b
 IDC VI 03 08 26 01.2-1.2 17.76S 177.32W 375-12 5.2,4.5
 SZGRF VI 03 08 26 04.2 16.82S 177.81W 368 5.2,4.5

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=5.2km s-min=2.9km az=74.7.
 MOS Error ellipse: s-maj=10.8km s-min=8.3km az=144.1.
 HRVD Error ellipse: s-maj=6.7km s-min=7.8km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s40,c51; Mantle waves: s40,c54;Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr=0.09±.04 Mw0.39±.08; Mw0.47±.07; Mr=0.75±.5; Mw0.12±.06; Mw0.68±.05; Best double couple: NP1:φ=225.00000°,δ24.00000°,λ177.00000°. NP2:φ=318.00000°,δ89.00000°,λ66.00000°. Principal axes: T 1.1830,Plg41.0000°; AzM206.0000°; N -0.1620,Plg24.0000°;AzM318.0000°; P -1.0210,Plg39.0000°; AzM69.0000°; M0.110200x1017

NEIC Event type se. Error ellipse: s-maj=7.3km s-min=3.9km az=142.0.
 IDC Error ellipse: s-maj=9.9km s-min=8.8km az=144.0.
 SZGRF Fiji Islands region.
 ISC VI 05 11 32 53.8-87 18.08S-08 178.15W-05 405-8 4.3b 147 7-175
 ISCJB VI 05 11 32 52.7-91 18.08S-08 178.20W-05 409-9 4.3b 18443285
 BJI VI 05 11 32 53.0 18.00S 178.20W 393 4.8b,4.8b
 NEIC VI 05 11 32 53.0-1.2 18.00S 178.18W 393-12 4.4b,4.8b
 IDC VI 05 11 32 54.6-1.8 18.13S 178.16W 418-20 4.7,4.0

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=13.3km s-min=6.4km az=133.0.
 NEIC Event type se. Error ellipse: s-maj=16.9km s-min=7.8km az=163.0.
 IDC Error ellipse: s-maj=20.7km s-min=10.7km az=166.0.
 ISC VI 06 02 52 47.9-72 17.52S-08 178.55W-07 517-10 4.7b 61 7-176
 MOS VI 06 02 52 45.8-1.9 17.73S 179.02W 455 4.8b 18443310
 ISCJB VI 06 02 52 47.1-77 17.51S-08 178.63W-07 520-11 4.7b
 IDC VI 06 02 52 47.3-1.4 17.52S 178.57W 512-17 4.8,4.0
 NEIC VI 06 02 52 54.7-39 17.95S 179.19W 545 4.8b,4.0

ISC Event type se.
 MOS Error ellipse: s-maj=20.3km s-min=12.2km az=157.2.
 ISCJB Event type se. Error ellipse: s-maj=13.6km s-min=8.4km az=118.0.
 IDC Error ellipse: s-maj=17.4km s-min=11.1km az=141.0.
 NEIC Event type se. Error ellipse: s-maj=16.7km s-min=11.1km az=137.0.
 ISC VI 06 02 52 45.6-2.9 20.45-50 177.3W-60 578-46 4.0b 13 15-150
 ISCJB VI 06 02 52 45.8-1.9 20.55-50 177.1W-40 608-33 4.0b 19221527
 IDC VI 06 02 52 47.8-2.3 20.20S 177.67W 562-29 4.4,3.5
 NEIC VI 06 02 52 54.7-39 17.95S 177.82W 600 4.1b,3.5

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=89.2km s-min=34.4km az=99.1.
 IDC Error ellipse: s-maj=56.5km s-min=18.2km az=148.0.
 NEIC Event type se. Error ellipse: s-maj=56.5km s-min=19.6km az=143.0.
 ISC VI 08 14 59 35.3-12 20.52S-03 177.94W-04 552 4.9b 337 9-173
 CSEM VI 08 14 58 41.8 19.91S 177.88W 33 6.0b 18449395
 MOS VI 08 14 59 31.6-82 20.25S 177.99W 516 5.0b
 SZGRF VI 08 14 59 32.6 21.61S 178.18W 553 5.0b
 ISCJB VI 08 14 59 34.2-12 20.48S-03 178.01W-04 551 4.9b
 BJI VI 08 14 59 34.0 20.06S 177.45W 556 5.2b,5.1b
 NEIC VI 08 14 59 35.2-14 20.50S 177.95W 557 4.9b,5.1b
 HRVD VI 08 14 59 35.2-30 20.47S 177.86W 555-2 5.3W,5.1b
 IDC VI 08 14 59 35.2-69 20.43S 177.96W 551-7 5.3,4.5b

ISC Event type se.
 MOS Error ellipse: s-maj=9.7km s-min=8.5km az=74.7.
 SZGRF Fiji Islands region.
 ISCJB Event type se. Error ellipse: s-maj=5.0km s-min=3.0km az=77.1.

NEIC Event type se. Error ellipse: s-maj=6.3km s-min=3.7km az=120.0.
 HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s59,c85;Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr=0.81±.04 Mw0.99±.06; Mw0.18±.07; Mw0.29±.07; Mw0.60±.06; Mw0.64±.07; Best double couple: NP1:φ=324.00000°,δ55.00000°,λ-42.00000°. NP2:φ=81.00000°,δ57.00000°,λ-137.00000°. Principal axes: T 1.2430,Plg1.0000°; AzM202.0000°; N 0.1080,Plg38.0000°;AzM112.0000°; P -1.3510,Plg52.0000°; AzM293.0000°; M0.129700x1017

IDC Error ellipse: s-maj=11.3km s-min=10.5km az=164.0.
 ISC VI 10 16 30 02.4-1.2 18.05S-08 178.51W-06 594-14 4.6b 264 8-175
 SZGRF VI 10 16 28 55.1 19.80S 177.54W 33 4.6b 18463855
 CSEM VI 10 16 29 06.8 16.86S 178.06W 33 5.6b
 MOS VI 10 16 29 58.4-2.1 17.85S 178.53W 541 4.6b
 ISCJB VI 10 16 29 59.8-8.1 18.04S-08 178.54W-06 577-10 4.6b
 NEIC VI 10 16 30 00.8-68 17.95S 178.50W 576-8 4.6b
 IDC VI 10 16 30 00.7-1.3 18.08S 178.40W 583-14 5.3,4.5
 BJI VI 10 16 30 00.8 17.90S 178.50W 576 4.6b,4.5b

ISC Event type se.
 SZGRF Fiji Islands region.
 MOS Error ellipse: s-maj=14.7km s-min=9.3km az=140.6.
 ISCJB Event type se. Error ellipse: s-maj=14.0km s-min=4.9km az=121.6.
 NEIC Event type se. Error ellipse: s-maj=11.6km s-min=4.4km az=150.0.
 IDC Error ellipse: s-maj=21.9km s-min=10.3km az=152.0.

ISC VI 26 23 25 58.1-2.3 21.8S-10 178.1W-10 415-25 3.8b 17 7-171
 ISCJB VI 26 23 25 56.9-2.1 21.8S-10 178.1W-10 415-22 3.8b 19222677
 NEIC VI 26 23 25 57.7-1.7 21.70S 178.03W 416-18 4.0b
 IDC VI 26 23 25 58.3-7.2 21.77S 178.05W 421-70 4.1,3.6
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=23.9km s-min=18.5km az=47.8.
 NEIC Event type se. Error ellipse: s-maj=16.1km s-min=12.0km az=205.0.
 IDC Error ellipse: s-maj=37.6km s-min=26.3km az=120.0.

ISC VI 01 03 38 46.1-3.9 18.0S-60 178.4W-40 579-43 3.9b 14 15-87
 ISCJB VI 01 03 38 46.3-8.3 17.99S 178.46W 583-102 4.2,3.5 19221265
 NEIC VI 01 03 38 47.6-1.3 18.04S 178.46W 600 3.9b,3.5
 ISCJB VI 01 03 38 49.4-4.2 18.1S-60 178.6W-40 637-52 3.7b,3.5
 ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.

ISC VI 27 08 36 19.4-42 14.8S-10 177.19W-08 35 4.6b,4.4s 56 5-153
 IDC VI 27 08 36 10.7-1.1 15.15S 177.06W 0 4.5,4.3s 18505501
 ISCJB VI 27 08 36 16.7-4.3 14.9S-10 177.30W-08 33 4.6b,4.4s
 BJI VI 27 08 36 21.9 14.70S 177.30W 48 5.1b,4.7s
 NEIC VI 27 08 36 22.0-43 14.67S 177.29W 59-38 4.6b,4.7s
 HRVD VI 27 08 36 22.0-20 14.55S 177.00W 12 5.1W,4.7s

ISC Event type se.
 IDC Error ellipse: s-maj=52.2km s-min=19.2km az=152.0.
 ISCJB Event type se. Error ellipse: s-maj=18.8km s-min=9.1km az=135.1.
 NEIC Event type se. Error ellipse: s-maj=28.0km s-min=13.6km az=152.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s40,c51; Mantle waves: s86,c144;Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=1.08±.12 Mw0.46±.12; Mw0.38±.10; Mw0.30±.34; Mw0.33±.10; Mr=2.10±.31; Best double couple: NP1:φ=292.00000°,δ70.00000°,λ-15.00000°. NP2:φ=28.00000°,δ76.00000°,λ-159.00000°. Principal axes: T 5.7210,Plg4.0000°; AzM159.0000°; N -0.1490,Plg65.0000°;AzM61.0000°; P -5.5720,Plg25.0000°;AzM251.0000°; M0.564000x1016

ISC VI 27 14 04 48.5-74 18.10S-06 178.05W-06 549-9 4.4b 94 7-175
 SZGRF VI 27 14 03 49.1 18.39S 178.68W 33 4.4b 18496025
 ISCJB VI 27 14 04 47.1-75 18.10S-06 178.16W-06 543-9 4.4b
 MOS VI 27 14 04 48.5-1.3 17.97S 178.18W 549 4.6b
 BJI VI 27 14 04 48.3 17.53S 178.09W 540 4.8b,4.6b
 NEIC VI 27 14 04 48.5-74 18.08S 178.10W 548-8 4.4b,4.6b
 IDC VI 27 14 04 48.9-1.3 18.18S 178.15W 554-14 4.8,4.0b

ISC Event type se.
 SZGRF Fiji Islands region.
 ISCJB Event type se. Error ellipse: s-maj=10.0km s-min=7.0km az=100.9.
 MOS Error ellipse: s-maj=12.6km s-min=11.0km az=5.4.
 NEIC Event type se. Error ellipse: s-maj=8.8km s-min=6.1km az=146.0.
 IDC Error ellipse: s-maj=10.6km s-min=9.1km az=111.0.

ISC VI 01 10 11 30.0-1.5 21.4S-10 177.9W-10 386-20 3.6b 17 9-144
 ISCJB VI 01 10 11 28.1-1.5 21.4S-10 178.0W-10 375-20 3.6b 19221273
 IDC VI 01 10 11 28.5-2.2 21.33S 178.04W 360-26 4.1,3.4
 NEIC VI 01 10 11 30.3-1.5 21.44S 177.96W 386-17 3.8b,3.4

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=25.7km s-min=13.8km az=93.4.
 IDC Error ellipse: s-maj=33.3km s-min=15.6km az=138.0.
 NEIC Event type se. Error ellipse: s-maj=23.4km s-min=13.3km az=143.0.
 IDC VI 01 12 14 26.5-65 18.33S 179.75W 640-371 4.2,3.2 19599664

IDC Error ellipse: s-maj=764.8km s-min=86.6km az=73.0.
 ISC VI 15 22 56 28.4-1.0 21.35S-05 178.11W-04 429-11 4.6b 206 8-172
 SZGRF VI 15 22 55 37.9 22.44S 176.91W 33 4.6b 18474878
 CSEM VI 15 22 55 45.0 20.81S 178.10W 33 5.6b
 ISCJB VI 15 22 56 24.5-94 21.21S-05 178.18W-04 398-10 4.6b
 BJI VI 15 22 56 26.6 21.20S 178.10W 414 5.1b,4.9b
 NEIC VI 15 22 56 26.6-96 21.21S 178.06W 414-10 5.6b,4.9b
 IDC VI 15 22 56 27.2-1.6 21.37S 178.05W 426-15 5.2,4.4
 MOS VI 15 22 56 27.3-2.8 21.14S 178.23W 410 4.6b,4.4

ISC Event type se.
 SZGRF South of Fiji Islands.
 ISCJB Event type se. Error ellipse: s-maj=8.3km s-min=5.3km az=108.2.
 NEIC Event type se. Error ellipse: s-maj=10.0km s-min=6.4km az=145.0.
 IDC Error ellipse: s-maj=14.0km s-min=12.5km az=136.0.
 Error ellipse: s-maj=11.5km s-min=9.9km az=60.2.

ISC VI 01 15 38 17.2-1.3 17.6S-20 178.7W-10 517-28 4.1b 25 8-147
 ISCJB VI 01 15 38 16.2-1.4 17.6S-20 178.9W-10 517-29 4.1b 19221279
 NEIC VI 01 15 38 16.5-1.0 17.52S 178.85W 504-17 4.0b
 IDC VI 01 15 38 16.2-1.7 17.51S 178.90W 496-25 4.4,3.6

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=35.3km s-min=16.6km az=10.5.
 NEIC Event type se. Error ellipse: s-maj=20.3km s-min=14.0km az=170.0.
 IDC Error ellipse: s-maj=30.4km s-min=17.6km az=163.0.
 ISC VI 28 21 04 03.7-90 20.4S-20 177.7W-20 500 3.9b 14 18-150
 ISCJB VI 28 21 04 02.8-90 20.3S-20 177.8W-20 500 3.9b 19222807
 IDC VI 28 21 04 08.9-5.4 20.56S 177.71W 570-64 4.2,3.6
 NEIC VI 28 21 04 10.9-3.3 20.66S 177.75W 599-40 4.4b,3.6

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=25.2km s-min=16.2km az=116.4.
 IDC Error ellipse: s-maj=37.6km s-min=25.5km az=169.0.
 NEIC Event type se. Error ellipse: s-maj=27.4km s-min=17.3km az=190.0.
 ISC VI 28 21 46 32.4-1.1 17.5S-10 178.7W-10 523-15 4.4b 30 8-153
 ISCJB VI 28 21 46 31.3-1.2 17.5S-10 178.8W-10 524-16 4.4b 18505568
 NEIC VI 28 21 46 31.9-85 17.49S 178.73W 517-11 4.5b
 IDC VI 28 21 46 31.9-1.4 17.55S 178.78W 516-16 4.7,4.1

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=23.7km s-min=11.2km az=121.9.
 NEIC Event type se. Error ellipse: s-maj=16.8km s-min=7.7km az=150.0.
 IDC Error ellipse: s-maj=19.7km s-min=11.6km az=149.0.
 ISC VI 27 02 59 16.5-09 19.96S-02 178.23W-02 575 5.9b 687 9-173
 ORF VI 27 02 58 15.5 19.27S 178.31W 30 7.0b 18496015
 SZGRF VI 27 02 59 09.3 20.46S 176.83W 593 7.0b
 MOS VI 27 02 59 13.9-78 19.68S 178.28W 554 6.1b
 CRAAG VI 27 02 59 13.9 19.79S 178.25W 600 6.0b
 BJI VI 27 02 59 14.7 19.47S 177.61W 578 6.1b,5.8b
 IDC VI 27 02 59 16.0-46 19.81S 178.24W 573-4 6.0,5.3
 HRVD VI 27 02 59 15.3-10 19.77S 178.04W 597-0 6.3W,5.3
 NEIC VI 27 02 59 15.3-06 19.87S 178.29W

Half duration: 3:3 Moment tensor: Scale 1018Nm; Mr=1.40±0.02 Mm=1.63±0.03; Mw=0.23±0.04; Mf=2.24±0.03; Mm=0.20±0.03; Mr=1.37±0.03; Best double couple: NP1:φ299.00000°

φ21.00000°; λ=39.00000°; NP2:φ65.00000°; λ=107.00000°; Principal axes: T 2.8960,Plg30.0000°; Azm169.0000°; N 0.2770,Plg16.0000°; Azm69.0000°

P -3.1740,Plg55.0000°; Azm314.0000°; M=0.03500×10¹⁸

NEIC	Event type se.								
ISCJB	Event type se.								
ISC	VI	23 00 29 48.1-1.5	17.90S-09	178.65W-05	627-19	4.5b	248	8-175	
SZGRF	VI	23 00 28 43.5	17.57S	177.71W	33	4.5b			118495830
MOS	VI	23 00 29 33.3-2.0	16.99S	178.72W	435	5.0b			
BJI	VI	23 00 29 37.1	17.40S	178.60W	485	4.7b,4.5b			
NEIC	VI	23 00 29 37.2-2.1	17.39S	178.64W	486-22	4.5b,4.5b			
IDC	VI	23 00 29 43.8-1.3	17.98S	178.44W	584-15	4.9,4.2			
ISCJB	VI	23 00 29 45.5-1.2	17.91S-09	178.66W-05	612-15	4.5b,4.2			
ISC	Event type se.								
SZGRF	Fiji Islands region.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	VI	09 05 58 28.1-10	17.59S-02	178.73W-03	566	5.3b	584	8-176	
ORF	VI	09 05 57 26.0	19.27S	178.31W	30	6.4b			110698845
MOS	VI	09 05 58 25.4-87	17.37S	178.76W	537	5.3b			
ISCJB	VI	09 05 58 26.7-10	17.59S-02	178.76W-03	564	5.3b			
NEIC	VI	09 05 58 27.8-07	17.53S	178.75W	564	6.1W,5.3b			
HRVD	VI	09 05 58 27.8-10	17.36S	178.62W	586-0	6.1W,5.3b			
IDC	VI	09 05 58 27.1-41	17.59S	178.72W	556-4	5.9,5.0b			
BJI	VI	09 05 58 27.1	16.94S	178.18W	564	5.3b,5.1b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=8.4km s-min=6.3km az=58.1.								
ISCJB	Event type se. Error ellipse: s-maj=4.0km s-min=2.4km az=81.3.								
NEIC	Event type se. Error ellipse: s-maj=4.3km s-min=2.3km az=118.0. Moment Tensor Solution.								
	s47 Moment tensor: Scale 1018Nm; Mr=0.41 Mm=0.84 Mw=0.44 Mf=0.57 Mm=1.16 Mr=1.24								
	Best double couple: NP1:φ20.00000°; λ=147.00000°; NP2:φ277.00000°								
	; φ89.00000°; λ=24.00000°; Principal axes: T 1.5400,Plg6.0000°; Azm146.0000°								
	; N 0.6200,Plg52.0000°; Azm48.0000°; P -2.1700,Plg38.0000°; Azm241.0000°								
	M=1.90000×10 ¹⁸								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.								
	nsta2 refers to mantle waves, cutoff=125s. Centroid Moment Tensor Solution.								
	LP body waves: s113,c255; Mantle waves: s73,c98; Half duration: 2:7 Moment tensor: Scale								
	1018Nm; Mr=0.34±0.1 Mm=0.65±0.02; Mw=0.31±0.02; Mf=0.62±0.02; Mm=1.17±0.02; Mr=1.22±0.02;								
	Best double couple: NP1:φ273.00000°; λ=85.00000°; λ=22.00000°; NP2:φ15.00000°								
	; φ81.00000°; λ=146.00000°; Principal axes: T 1.4560,Plg9.0000°; Azm142.0000°								
	; N 0.6740,Plg51.0000°; Azm41.0000°; P -2.1310,Plg37.0000°; Azm238.0000°								
	M=1.79400×10 ¹⁸								
IDC	Error ellipse: s-maj=8.5km s-min=7.4km az=127.0.								
ISC	VI	23 19 00 34.4-64	16.7S-10	176.26E-09	35	4.2b,4.2s	13	12-150	
SZGRF	VI	23 19 00 15.8	24.95S	175.74E	33	4.2b,4.2s			118650701
IDC	VI	23 19 00 28.3-1.7	16.64S	176.36E	0	4.4,4.2			
ISCJB	VI	23 19 00 32.2-64	16.7S-10	176.24E-09	33	4.2b,4.2s			
HRVD	VI	23 19 00 34.4-20	16.49S	176.59E	23-1	5.2W,4.2s			
NEIC	VI	23 19 00 34.4-61	16.59S	176.12E	30	4.7b,4.2s			
ISC	Event type se.								
SZGRF	South of Fiji Islands.								
IDC	Error ellipse: s-maj=64.8km s-min=25.0km az=143.0.								
ISCJB	Event type se. Error ellipse: s-maj=21.2km s-min=13.0km az=175.4.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.								
	nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
	LP body waves: s57,c89; Mantle waves: s94,c157; Half duration: 0 Moment tensor: Scale 1016								
	Nm; Mr=0.19±0.17 Mm=0.84±0.15; Mw=0.64±0.14; Mf=0.24±0.23; Mm=0.95±0.13; Mr=1.27±0.23;								
	Best double couple: NP1:φ267.00000°; λ=80.00000°; λ=1.00000°; NP2:φ357.00000°								
	; φ89.00000°; λ=170.00000°; Principal axes: T 6.9870,Plg7.0000°; Azm131.0000°								
	; N 0.2410,Plg80.0000°; Azm2.0000°; P -7.2270,Plg8.0000°; Azm222.0000°; M=7.10700×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=28.8km s-min=17.2km az=141.0.								
NEIC	VI	03 09 49 45.1-3.7	20.65S	177.85W	355-33	3.6b			
IDC	VI	03 09 49 52.5-4.3	19.87S	176.99W	555-152	4.0,3.2			119221386
ISCJB	Event type se. Error ellipse: s-maj=126.2km s-min=23.9km az=150.0.								
IDC	Error ellipse: s-maj=129.0km s-min=95.8km az=105.0.								
IDC	VI	03 10 12 50.7-3.2	17.90S	176.14W	0	4.1,4.0b			119599751
IDC	Error ellipse: s-maj=170.8km s-min=25.2km az=145.0.								
ISC	VI	28 02 37 13.2-1.1	15.04S-07	177.92W-05	383-10	4.6b	279	6-178	
SZGRF	VI	28 02 36 25.1	17.72S	177.41W	33	4.6b			118505535
ORF	VI	28 02 36 33.7	17.51S	174.84E	30	5.5b			
MOS	VI	28 02 37 09.1-1.0	14.96S	177.42W	357	5.1b			
ISCJB	VI	28 02 37 10.7-92	15.06S-07	177.41W-05	373-9	4.7b			
IDC	VI	28 02 37 10.4-1.9	15.05S	177.32W	360-18	4.9,4.4			
NEIC	VI	28 02 37 13.9-94	14.99S	177.46W	396-9	4.7b,4.4			
BJI	VI	28 02 37 13.2	14.93S	177.05W	407	4.9b,4.6b			
ISC	Event type se.								
SZGRF	Fiji Islands region.								
MOS	Error ellipse: s-maj=14.6km s-min=7.6km az=137.2.								
ISCJB	Event type se. Error ellipse: s-maj=12.2km s-min=4.7km az=117.4.								
IDC	Error ellipse: s-maj=18.9km s-min=9.8km az=148.0.								
NEIC	Event type se. Error ellipse: s-maj=10.1km s-min=4.2km az=142.0.								
ISC	VI	28 13 23 09.2-4.2	18.04S-10	176.6W-10	60-36	4.7b,4.4s	49	6-175	
IDC	VI	28 13 23 00.6-77	17.92S	176.47W	0	4.7,4.5			118505546
BJI	VI	28 13 23 04.7	18.00S	176.60W	19	5.1b,4.7s			
HRVD	VI	28 13 23 04.8-20	18.05S	176.31W	12	5.0W,4.7s			
NEIC	VI	28 13 23 04.8-43	17.96S	176.63W	20	5.0b,4.7s			
MOS	VI	28 13 23 07.4-1.9	18.03S	177.06W	33	5.2b,4.7s			
ISCJB	VI	28 13 23 10.9-4.9	18.02S-10	176.7W-10	87-42	4.6b,4.7s			
SZGRF	VI	28 13 23 11.5	16.91S	179.92W	33	4.6b,4.7s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=25.4km s-min=18.6km az=136.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.								
	nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
	LP body waves: s37,c45; Mantle waves: s86,c135; Half duration: 0 Moment tensor: Scale 1016								
	Nm; Mr=0.84±1.1 Mm=3.58±1.0; Mw=4.42±0.9; Mf=0.24±0.30; Mm=0.19±0.10; Mr=1.76±0.27;								
	Best double couple: NP1:φ45.00000°; λ=875.00000°; λ=9.00000°; NP2:φ313.00000°; λ=82.00000°								
	; λ=164.00000°; Principal axes: T 4.9620,Plg17.0000°; Azm268.0000°; N -1.3610,Plg72.0000°								
	; Azm105.0000°; P -3.6010,Plg5.0000°; Azm360.0000°; M=4.28200×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=19.2km s-min=10.4km az=142.0.								
MOS	Error ellipse: s-maj=20.2km s-min=15.0km az=151.6.								
ISCJB	Event type se. Error ellipse: s-maj=18.9km s-min=15.3km az=62.8.								
SZGRF	Fiji Islands region.								
ISC	VI	29 02 38 50.2-3.4	19.9S-40	177.4W-40	600	4.2b	10	19-150	
ISCJB	VI	29 02 38 48.6-3.4	19.8S-40	177.5W-40	600	4.2b			119222827
IDC	VI	29 02 38 51.1-3.4	19.98S	177.74W	579-40	4.4,3.6			
NEIC	VI	29 02 38 52.3-66	20.04S	177.76W	600	3.9b,3.6			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=60.8km s-min=28.0km az=94.7.								
IDC	Error ellipse: s-maj=44.2km s-min=20.7km az=158.0.								
NEIC	Event type se. Error ellipse: s-maj=20.1km s-min=14.9km az=146.0.								
NEIC	VI	04 03 42 18.0-1.8	21.86S	178.50W	550	4.2b			
IDC	VI	04 03 42 06.0-25	21.42S	178.11W	425-235	4.2,3.6			119221426
NEIC	Event type se. Error ellipse: s-maj=89.5km s-min=21.0km az=149.0.								
IDC	Error ellipse: s-maj=149.8km s-min=105.0km az=100.0.								
IDC	VI	04 06 36 40.7-2.2	16.97S	178.46W	0	4.2,4.0			119599780
IDC	Error ellipse: s-maj=179.1km s-min=24.7km az=150.0.								
ISC	III	06 05 06 36.0-3.4	14.3S-70	179.0W-40	350-50	3.4b	10	7-144	
ISCJB	III	06 05 06 34.7-3.6	14.3S-70	179.0W-40	350-51	3.4b			110598219
NEIC	III	06 05 06 35.7-77	14.20S	178.98W	350	3.7b			
IDC	III	06 05 06 35.9-3.8	14.43S	178.89W	353-54	3.9,3.5			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=127.7km s-min=16.5km az=122.3.								
NEIC	Event type se. Error ellipse: s-maj=47.1km s-min=15.1km az=157.0.								
IDC	Error ellipse: s-maj=115.5km s-min=16.7km az=152.0.								
ISC	III	06 16 05 46.0-75	18.12S-10	178.40W-07	550-9	4.4b	52	8-148	
ISCJB	III	06 16 05 45.3-79	18.12S-10	178.47W-08	556-10	4.4b			110598498
NEIC	III	06 16 05 45.9-87	17.98S	178.48W	553-10	4.6b			
BJI	III	06 16 05 45.3	18.02S	178.52W	553	4.8b,4.4b			

IDC	III	06 16 05 45.6-1.3	18.06S	178.44W	551-17	4.8,4.0			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=16.7km s-min=7.7km az=115.5.								
NEIC	Event type se. Error ellipse: s-maj=14.3km s-min=6.9km az=149.0.								
IDC	Error ellipse: s-maj=19.3km s-min=10.3km az=150.0.								
ISC	III	06 16 19 19.6-90	17.3S-10	177.3W-10	366-11	4.2b	37	6-152	
ISCJB	III	06 16 19 18.5-94	17.3S-10	177.4W-10	366-11	4.2b			110598505
BJI	III	06 16 19 18.9	17.20S	177.40W	359	4.8b,4.6b			
NEIC	III	06 16 19 19.0-1.0	17.21S	177.35W	360-11	4.3b,4.6b			
IDC	III	06 16 19 21.9-2.1	17.37S	177.42W	388-21	4.4,3.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=22.5km s-min=9.2km az=104.1.								
NEIC	Event type se. Error ellipse: s-maj=17.								

ISCJB	Event type se. Error ellipse: s-maj=32.8km s-min=22.3km az=121.4.								
IDC	Error ellipse: s-maj=43.9km s-min=15.3km az=149.0.								
IDC	IV 21 07 20 30.0-8.9 17.76S 177.04W 0 4.2,3.8b								
IDC	Error ellipse: s-maj=394.8km s-min=36.8km az=142.0.								
IDC	IV 23 09 15 19.6-6.0 19.47S 178.16W 0 4.1,4.1L								
IDC	Error ellipse: s-maj=119.1km s-min=52.0km az=61.0.								
IDC	IV 24 17 43 54.7-9.0 17.51S 178.22W 0 4.1,3.9b								
IDC	Error ellipse: s-maj=1655.0km s-min=163.1km az=79.0. Low Confidence.								
IDC	II 28 06 54 58.1-1.0 17.10S 178.80W 460-96 4.0,3.4								
IDC	Error ellipse: s-maj=119.6km s-min=34.6km az=136.0.								
IDC	II 28 07 59 36.0-4.4 16.88S 177.50W 0 4.0,3.9s								
IDC	Error ellipse: s-maj=188.2km s-min=50.1km az=140.0.								
ISC	II 28 12 17 51.3-6.3 17.99S-04 179.38W-06 616-8 4.6b	139							
SZGRF	II 28 12 16 44.2 19.25S 179.50W 33 4.6b								
ISCJB	II 28 12 17 50.4-5.5 18.02S-04 179.42W-06 620-8 4.6b								
BJI	II 28 12 17 50.6 17.71S 179.67W 599 4.6b,4.3b								
MOS	II 28 12 17 50.8-1.3 17.81S 179.58W 611 4.6b,4.3b								
NEIC	II 28 12 17 50.9-5.6 17.94S 179.48W 610-6 4.6b,4.3b								
IDC	II 28 12 17 51.6-9.4 17.94S 179.51W 616-10 5.0,4.2								
ISC	Event type se.								
SZGRF	Fiji Islands region.								
ISCJB	Event type se. Error ellipse: s-maj=8.8km s-min=6.0km az=54.8.								
MOS	Error ellipse: s-maj=11.6km s-min=10.3km az=54.0.								
NEIC	Event type se. Error ellipse: s-maj=7.7km s-min=5.4km az=114.0.								
IDC	Error ellipse: s-maj=11.7km s-min=10.4km az=147.0.								
ISC	II 28 12 45 48.8-8.1 17.55-10 178.55W-09 519-13 4.3b	32							
ISCJB	II 28 12 45 47.9-8.9 17.55-10 178.66W-09 516-14 4.3b								
ISCJB	II 28 12 45 48.1-1.4 17.52S 178.56W 509-17 4.5,3.7								
NEIC	II 28 12 45 48.5-8.3 17.44S 178.58W 515-10 4.6b,3.7								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=18.6km s-min=11.8km az=133.8.								
IDC	Error ellipse: s-maj=19.6km s-min=12.1km az=142.0.								
NEIC	Event type se. Error ellipse: s-maj=14.0km s-min=9.1km az=144.0.								
IDC	IV 25 00 33 27.1-3.1 13.66S 177.93W 0 4.2,3.9s								
IDC	Error ellipse: s-maj=198.4km s-min=33.3km az=145.0.								
IDC	IV 25 07 32 32.9-4.2 17.73S 176.59W 0 4.4,4.2								
IDC	Error ellipse: s-maj=186.2km s-min=48.8km az=142.0.								
IDC	IV 27 20 23 10.0-4.8 18.29S 177.37W 0 4.1,3.8								
IDC	Error ellipse: s-maj=212.3km s-min=35.2km az=139.0.								
IDC	IV 28 14 10 41.4-6.0 18.86S 178.56W 0 4.0,3.9b								
IDC	Error ellipse: s-maj=1104.0km s-min=164.3km az=80.0.								
IDC	IV 29 07 50 15.7-6.4 21.28S 176.70W 0 4.4,4.3b								
IDC	Error ellipse: s-maj=1182.0km s-min=175.5km az=85.0.								
IDC	V 21 13 15 16.3-3.6 18.98S 178.35W 456-36 3.8,3.2								
IDC	Error ellipse: s-maj=217.2km s-min=18.9km az=148.0.								
IDC	V 21 18 04 27.3-4.1 16.49S 177.40W 0 4.0,3.8b								
IDC	Error ellipse: s-maj=194.9km s-min=33.0km az=139.0.								
ISC	V 15 12 35 03.4-1.0 20.3S-10 177.5W-10 451-20 4.0b	22							
IDC	V 15 12 35 02.6-1.9 20.28S 177.61W 437-23 4.3,3.5								
ISCJB	V 15 12 35 03.0-1.3 20.2S-10 177.7W-10 454-20 4.0b,3.5								
NEIC	V 15 12 35 04.8-1.1 20.35S 177.65W 460-14 4.1b,3.5								
ISC	Event type se.								
IDC	Error ellipse: s-maj=35.4km s-min=14.8km az=138.0.								
ISCJB	Event type se. Error ellipse: s-maj=22.2km s-min=14.1km az=135.2.								
NEIC	Event type se. Error ellipse: s-maj=17.6km s-min=11.2km az=151.0.								
ISC	V 22 01 20 50.3-2.6 15.2S-30 176.4W-20 65-27 4.3b	9							
IDC	V 22 01 20 43.1-1.7 15.41S 176.62W 0 4.5,4.3								
ISCJB	V 22 01 20 46.9-3.1 15.3S-30 176.6W-20 46-32 4.4b,4.3								
NEIC	V 22 01 20 47.7-6.9 15.11S 176.55W 35 4.3b,4.3								
ISC	Event type se.								
IDC	Error ellipse: s-maj=135.1km s-min=24.9km az=161.0.								
ISCJB	Event type se. Error ellipse: s-maj=48.5km s-min=21.2km az=131.0.								
NEIC	Event type se. Error ellipse: s-maj=36.4km s-min=14.8km az=159.0.								
IDC	V 22 05 52 29.2-9.8 20.24S 178.54W 598-102 4.0,3.3								
IDC	Error ellipse: s-maj=100.2km s-min=39.8km az=142.0.								
NEIC	V 22 19 04 24.4-9.3 21.91S 179.29W 500 4.0b								
IDC	V 22 19 04 35.6-3.4 22.57S 179.69W 608-39 4.2,3.3								
ISC	Event type se. Error ellipse: s-maj=28.0km s-min=21.3km az=111.0.								
IDC	Error ellipse: s-maj=55.4km s-min=21.6km az=164.0.								
ISC	V 22 23 31 29.1-1.7 20.9S-20 178.0W-10 585-27 4.0b	14							
ISCJB	V 22 23 31 27.9-1.9 20.9S-20 178.2W-10 583-31 4.0b								
IDC	V 22 23 31 28.9-1.0 20.84S 178.07W 581-93 4.4,3.5								
NEIC	V 22 23 31 29.5-1.1 20.77S 178.07W 595-15 4.0b,3.5								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=35.8km s-min=18.9km az=156.0.								
IDC	Error ellipse: s-maj=99.8km s-min=67.6km az=124.0.								
NEIC	Event type se. Error ellipse: s-maj=23.0km s-min=11.7km az=161.0.								
ISC	V 21 17 57 20.8-1.2 17.0S-30 177.2W-20 35 4.4b,4.1s	11							
IDC	V 21 17 57 15.4-1.7 17.12S 177.14W 0 4.4,4.1								
ISCJB	V 21 17 57 18.7-1.2 17.0S-30 177.2W-20 33 4.4b,4.1s								
NEIC	V 21 17 57 21.2-9.0 17.07S 177.20W 40 4.7b,4.1s								
HRVD	V 21 17 57 21.2-3.0 16.83S 176.93W 12-1 5.0W,4.1s								
ISC	Event type se.								
IDC	Error ellipse: s-maj=71.4km s-min=20.9km az=144.0.								
ISCJB	Event type se. Error ellipse: s-maj=50.0km s-min=15.5km az=112.1.								
NEIC	Event type se. Error ellipse: s-maj=41.6km s-min=13.0km az=146.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s22,c27; Mantle waves: s70,c10; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=0.55±.13 Mm=2.39±.10; Ms=2.94±.13; Mn=0.41±.32; Mw=1.72±.11; Mx=1.14±.36; Best double couple: NP1:φ:30.0000°;λ:10.0000°;NP2:φ:298.0000°;λ:80.0000°;λ:168.0000°; Principal axes: T 3.7840,Plg16.0000°;AzM253.0000°; N -0.8840,Plg74.0000°;AzM81.0000°; P -2.8990,Plg2.0000°;AzM344.0000°; M3.34200x10 ¹⁶								
ISC	V 15 16 50 36.4-1.3 20.3S-20 177.2W-20 559-31 4.2b	15							
IDC	V 15 16 50 40.5-1.0 20.53S 177.60W 582-106 4.3,3.4								
ISCJB	V 15 16 50 43.5-1.2 20.7S-20 177.8W-20 632-34 4.2b,3.4								
NEIC	V 15 16 50 43.8-8.9 20.69S 177.82W 606-18 4.3b,3.4								
ISC	Event type se.								
IDC	Error ellipse: s-maj=91.0km s-min=42.1km az=38.0.								
ISCJB	Event type se. Error ellipse: s-maj=35.9km s-min=27.5km az=55.8.								
NEIC	Event type se. Error ellipse: s-maj=22.0km s-min=15.0km az=131.0.								
ISC	V 18 14 56 47.7-1.0 17.66S-05 178.88W-05 498-12 4.6b	178							
SZGRF	V 18 14 55 55.3 17.33S 177.52W 33 4.6b								
CSEM	V 18 14 55 55.2 17.15S 177.91W 33 5.5b								
ISCJB	V 18 14 56 45.0-8.4 17.64S-05 178.92W-05 479-9 4.6b								
BJI	V 18 14 56 46.9 17.41S 178.50W 507 4.7b,4.6b								
MOS	V 18 14 56 47.0-1.1 17.44S 179.01W 494 4.8b,4.6b								
NEIC	V 18 14 56 47.8-7.0 17.62S 178.91W 500-8 4.7b,4.6b								
IDC	V 18 14 56 49.7-1.3 17.72S 179.00W 525-14 5.1,4.4								
ISC	Event type se.								
SZGRF	Fiji Islands region.								
ISCJB	Event type se. Error ellipse: s-maj=9.1km s-min=5.1km az=96.0.								
MOS	Error ellipse: s-maj=12.2km s-min=9.3km az=53.8.								
NEIC	Event type se. Error ellipse: s-maj=7.4km s-min=4.1km az=145.0.								
IDC	Error ellipse: s-maj=12.2km s-min=8.5km az=131.0.								
ISC	V 25 14 38 56.9-9.5 16.2S-10 177.2W-10 430-15 3.9b	34							
BJI	V 25 14 38 52.1 16.90S 176.88W 436 4.8b,4.5b								

ISCJB	V 25 14 38 55.6-9.5 16.3S-10 177.2W-10 430-13 3.9b,4.5b								
IDC	V 25 14 38 55.5-1.6 15.91S 177.46W 402-20 4.2,3.7								
NEIC	V 25 14 38 56.1-1.1 16.08S 177.31W 417-15 4.1b,3.7								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=23.8km s-min=11.6km az=86.0.								
IDC	Error ellipse: s-maj=28.4km s-min=13.7km az=141.0.								
NEIC	Event type se. Error ellipse: s-maj=10.2km s-min=10.2km az=138.0.								
ISC	V 04 00 09 15.1-1.3 20.50S-06 177.89W-07 533-15 4.5b	100							
CSEM	V 04 00 08 23.1 20.04S 177.39W 33 5.7b								
MOS	V 04 00 09 10.9-1.3 20.36S 177.91W 495 4.4b								
BJI	V 04 00 09 10.8 20.81S 177.09W 536 4.8b,4.7b								
ISCJB	V 04 00 09 14.6-1.5 20.48S-06 177.98W-07 537-17 4.5b,4.7b								

IDC	I	20 17 41 12.0-9.6	20.58S	178.07W	654-131	4.1,3.5			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=51.8km s-min=12.4km az=123.5.							
NEIC		Event type se. Error ellipse: s-maj=39.3km s-min=9.9km az=154.0.							
IDC		Error ellipse: s-maj=56.0km s-min=39.6km az=3.0.							
ISC	I	22 02 22 18.9-1.6	20.25-10	178.1W-20	502-21	3.5b	10	9-150	
ISCJB	I	22 02 22 17.5-1.7	20.25-10	178.2W-20	497-22	3.5b			19484727
NEIC	I	22 02 22 18.8-1.4	20.17S	178.11W	503-17	3.5b			
IDC	I	22 02 22 19.6-2.4	20.10S	178.10W	508-28	4.0,3.5			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=33.2km s-min=15.8km az=58.7.							
NEIC		Event type se. Error ellipse: s-maj=26.0km s-min=12.7km az=118.0.							
IDC		Error ellipse: s-maj=23.4km s-min=15.5km az=122.0.							
ISC	I	23 04 39 17.0-4.0	16.25-20	176.5E-20	58-31	4.4b,4.0s	13	11-148	
NEIC	I	23 04 39 15.2-6.3	16.25S	176.48E	35	4.6b,4.0s			19485059
ISCJB	I	23 04 39 16.4-5.6	16.35-20	176.4E-20	62-45	4.4b,4.0s			
IDC	I	23 04 39 17.5-7.1	16.23S	176.32E	52-63	4.3,4.2			
ISC		Event type se.							
NEIC		Event type se. Error ellipse: s-maj=20.2km s-min=14.3km az=136.0.							
ISCJB		Event type se. Error ellipse: s-maj=38.3km s-min=27.1km az=91.0.							
IDC		Error ellipse: s-maj=40.3km s-min=34.3km az=170.0.							
ISC	I	25 11 35 41.8-1.0	20.95-10	178.36W-09	536-13	4.0b	26	9-172	
ISCJB	I	25 11 35 41.1-1.1	20.85-10	178.50W-10	536-15	4.0b			198079261
IDC	I	25 11 35 42.9-1.9	20.92S	178.45W	553-21	4.4,3.6			
NEIC	I	25 11 35 42.2-98	20.89S	178.36W	545-12	4.3b,3.6			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=18.5km s-min=10.7km az=104.3.							
IDC		Error ellipse: s-maj=23.2km s-min=14.6km az=152.0.							
NEIC		Event type se. Error ellipse: s-maj=17.3km s-min=11.4km az=142.0.							
ISC	I	27 00 33 22.8-1.4	19.86S-10	177.95W-10	475-17	3.9b	30	8-88	
ISCJB	I	27 00 33 21.1-1.4	19.77S-09	178.04W-10	467-18	3.9b			19486621
IDC	I	27 00 33 21.6-6.3	19.72S	178.03W	463-73	4.2,3.5			
NEIC	I	27 00 33 21.9-1.1	19.75S	178.04W	464-13	4.5b,3.5			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=17.0km s-min=10.7km az=89.1.							
IDC		Error ellipse: s-maj=30.5km s-min=25.3km az=133.0.							
NEIC		Event type se. Error ellipse: s-maj=16.8km s-min=8.5km az=147.0.							
ISC	I	27 05 34 30.4-9.4	18.93S-09	179.41W-07	668-14	4.3b	70	9-154	
ISCJB	I	27 05 34 28.3-7.5	18.94S-09	179.43W-07	658-11	4.3b			198079381
IDC	I	27 05 34 29.4-1.2	18.94S	179.45W	659-16	4.7,3.9			
MOS	I	27 05 34 29.2-7.7	18.78S	179.43W	668	4.5b,3.9			
NEIC	I	27 05 34 30.0-7.8	18.90S	179.40W	662-11	4.4b,3.9			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=14.7km s-min=7.3km az=118.5.							
IDC		Error ellipse: s-maj=14.5km s-min=11.2km az=149.0.							
MOS		Error ellipse: s-maj=17.0km s-min=13.2km az=159.8.							
NEIC		Event type se. Error ellipse: s-maj=13.1km s-min=7.2km az=156.0.							
ISC	I	29 09 18 17.2-1.7	17.85-20	177.5W-10	251-19	4.1b	22	7-145	
ISCJB	I	29 09 18 16.0-1.7	17.85-20	177.6W-10	252-19	4.1b			19487458
NEIC	I	29 09 18 16.9-1.7	17.81S	177.53W	249-19	4.5b			
IDC	I	29 09 18 50.5-4.2	18.93S	177.78W	645-59	4.4,3.6			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=32.9km s-min=12.7km az=109.6.							
NEIC		Event type se. Error ellipse: s-maj=28.4km s-min=11.5km az=144.0.							
IDC		Error ellipse: s-maj=33.7km s-min=20.6km az=8.0.							
IDC	I	15 07 45 29.8-33	17.55S	179.23W	691-481	3.7,3.2			
IDC		Error ellipse: s-maj=181.2km s-min=72.5km az=21.0.							
IDC	I	16 01 31 56.3-1.5	16.50S	178.49W	0	4.2,4.0			
IDC		Error ellipse: s-maj=128.2km s-min=24.2km az=150.0.							
IDC	I	18 12 18 33.0-6.3	21.23S	178.51W	623-75	4.0,3.3			
IDC		Error ellipse: s-maj=85.7km s-min=36.1km az=156.0.							
ISC	I	17 05 19 42.9-1.1	19.85-20	177.2W-20	551-18	4.0b	19	8-150	
ISCJB	I	17 05 19 42.0-1.0	19.75S-20	177.3W-20	550-19	4.0b			19482258
IDC	I	17 05 19 43.0-1.9	19.79S	177.30W	548-22	4.4,3.6			
NEIC	I	17 05 19 43.2-9.6	19.77S	177.28W	553-11	4.6b,3.6			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=30.1km s-min=14.6km az=103.6.							
IDC		Error ellipse: s-maj=27.5km s-min=15.9km az=144.0.							
NEIC		Event type se. Error ellipse: s-maj=23.0km s-min=10.6km az=150.0.							
IDC	I	03 02 41 37.4-1.8	19.53S	177.78W	508-25	4.2,3.5			
IDC		Error ellipse: s-maj=22.9km s-min=15.3km az=140.0.							
IDC	I	04 22 58 56.2-19	19.80S	178.31W	692-250	4.3,3.4			
IDC		Error ellipse: s-maj=123.6km s-min=24.3km az=67.0.							
IDC	I	05 03 45 38.1-4.5	21.19S	178.69W	610-52	4.1,3.5			
IDC		Error ellipse: s-maj=78.6km s-min=25.8km az=156.0.							
IDC	I	08 07 53 49.8-11	17.94S	178.79W	487-132	4.0,3.4			
IDC		Error ellipse: s-maj=53.7km s-min=39.6km az=162.0.							
IDC	I	12 00 29 48.6-7.0	20.39S	178.04W	646-99	3.9,3.3			
IDC		Error ellipse: s-maj=63.1km s-min=27.9km az=179.0.							
IDC	I	13 20 30 29.9-7.7	17.13S	179.22W	513-88	3.9,3.4			
IDC		Error ellipse: s-maj=83.1km s-min=29.2km az=153.0.							
IDC	I	20 16 53 38.4-9.6	17.75S	178.94W	513-117	3.7,3.1			
IDC		Error ellipse: s-maj=137.3km s-min=33.8km az=155.0.							
NEIC	I	21 20 30 56.3-2.1	19.63S	177.01W	500	3.8b			
IDC	I	21 20 30 57.9-13	19.50S	177.17W	509-122	3.8,3.1			19484611
NEIC		Event type se. Error ellipse: s-maj=116.0km s-min=21.3km az=144.0.							
IDC		Error ellipse: s-maj=135.6km s-min=48.5km az=132.0.							
IDC	I	25 21 55 56.8-5.7	21.17S	178.16W	475-67	4.6,3.8			
IDC		Error ellipse: s-maj=29.9km s-min=24.8km az=36.0.							
IDC	I	26 09 27 19.8-2.4	18.29S	178.92W	0	4.0,3.9			
IDC		Error ellipse: s-maj=130.3km s-min=32.3km az=156.0.							
IDC	I	26 12 00 57.3-13	18.15S	178.22W	676-185	4.1,3.3			
IDC		Error ellipse: s-maj=90.1km s-min=62.4km az=170.0.							
IDC	I	29 16 02 52.0-3.2	19.08S	177.83W	538-24	3.7,3.2			
IDC		Error ellipse: s-maj=106.2km s-min=22.5km az=154.0.							
IDC	I	31 06 27 01.0-7.9	20.61S	177.84W	552-85	4.1,3.5			
IDC		Error ellipse: s-maj=53.1km s-min=36.9km az=140.0.							
IDC	I	31 17 32 48.9-2.3	17.66S	178.19W	339-30	4.1,3.5			
IDC		Error ellipse: s-maj=27.3km s-min=16.1km az=166.0.							
ISC	I	02 22 24 31.1-2.4	20.05-20	177.5W-40	600	4.4b	5	15-153	
ISCJB	I	02 22 24 29.2-2.4	20.05S-20	177.4W-40	600	4.4b			19476842
IDC	I	02 22 24 33.3-7.6	20.09S	177.72W	617-89	5.0,4.1			
ISCJB		Error ellipse: s-maj=45.7km s-min=27.7km az=152.7.							
IDC		Error ellipse: s-maj=64.8km s-min=32.9km az=50.0.							
ISC	I	02 22 32 17.2-3.2	20.25-20	177.9W-20	699-47	4.0b	10	15-87	
ISCJB	I	02 22 32 16.1-3.3	20.25S-20	177.9W-20	706-46	4.0b			19476844
IDC	I	02 22 32 16.0-1.0	20.09S	177.76W	693-161	4.3,3.3			
NEIC	I	02 22 32 17.1-2.2	20.13S	177.88W	700-33	4.6b,3.3			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=36.8km s-min=31.2km az=50.9.							
IDC		Error ellipse: s-maj=76.7km s-min=55.5km az=10.0.							
NEIC		Event type se. Error ellipse: s-maj=25.5km s-min=21.6km az=207.0.							
ISC	I	02 22 32 49.0-1.0	20.05-20	177.8W-20	550	4.0b	9	19-153	
ISCJB	I	02 22 32 47.8-1.1	19.95S-20	177.9W-20	550	4.0b			19476845
IDC	I	02 22 32 48.2-6.8	19.91S	177.81W	536-75	4.5,3.8			

NEIC	I	02 22 32 49.8-3.8	19.99S	177.84W	557-42	4.4b,3.8			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=24.5km s-min=20.6km az=45.5.							
IDC		Error ellipse: s-maj=46.2km s-min=29.1km az=36.0.							
NEIC		Event type se. Error ellipse: s-maj=27.2km s-min=18.1km az=225.0.							
ISC	I	02 22 36 43.4-3.1	19.95-10	178.1W-20	594-35	4.3b	27	15-152	
IDC	I	02 22 36 44.6-4.4	19.72S-10	178.24W	599-49	4.7,3.8			19476849
NEIC	I	02 22 36 47.0-3.2	19.78S	178.32W	630-35	4.4b,3.8			
ISCJB	I	02 22 36 48.5-3.7	19.8S-10	178.5W-20	669-45	4.2b,3.8			
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	I	02 22 38 56.6-1.2	20.1S-20	177.8W-20	600	4.0b	13	15-153	
ISCJB	I	02 22 38 55.3-1.2	20.0S-20	177.9W-20	600	4.0b			19476850
IDC	I	02 22 38 57.5-8.6	19.97S	177.96W	600-85	4.3,3.5			
NEIC	I	02 22 39 04.3-2.4	20.12S	178.31W	676-29	4.2b,3.5			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=28.0km s-min=19.4km az=36.5.							
IDC		Error ellipse: s-maj=78.0km s-min=40.6km az=119.0.							
NEIC		Event type se. Error ellipse: s-maj=24.6km s-min=18.0km az=94.0.							
ISC	I	02 23 50 59.7-90	19.78S-09	177.89W-09	578-12	4.1b	29	8-152	
SZGRF	I	02 23 49 58.7	19.91S	177.63W	33	4.1b			198760167
ISCJB	I	02 23 50 58.2-1.0	19.74S-09	178.00W-10	571-14	4.1b			
IDC	I	02 23 50 59.5-1.4	19.79S	177.91W	577-17	4.6,3.7			
NEIC	I	02 23 50 59.1-7.4	19.74S	177.96W	572-9	4.1b,3.7			
ISC		Event type se.							
SZGRF		Fiji Islands region.							
ISCJB		Event type se. Error ellipse: s-maj=16.1km s-min=11.2km az=92.5.							
IDC		Error ellipse: s-maj=16.6km s-min=12.1km az=158.0.							
NEIC		Event type se. Error ellipse: s-maj=11.9km s-min=8.4km az=139.0.							
ISC	I	03 13 11 21.2-1.1	19.7S-20	177.5W-20	568-16	3.6b	13	8-87	
ISCJB	I	03 13 11 19.9-1.2	19.7S-20	177.7W-20	560-21	3.6b			19477123
IDC	I	03 13 11 21.4-2.2	19.73S	177.62W	566-33	4.1,3.5			
NEIC	I	03 13 11 23.0-8.3	19.75S	177.49W	600	4.1b,3.5			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=34.2km s-min=16.6km az=87.4.							
IDC		Error ellipse: s-maj=29.7km s-min=19.0km az=119.0.							
NEIC		Event type se. Error ellipse: s-maj=30.9km s-min=16.0km az=145.0.							
ISC	I	03 14 28 09.1-92	19.81S-10	177.7W-10	548-13	4.2b	24	8-150	
ISCJB	I	03 14 28 07.7-8.2	19.74S-09	177.9W-10	543-14	4.2b			19477146
IDC	I	03 14 28 09.4-							

ISC	I	13 16 27 32.2-67	18.75-20	177.9W-20	500	3.8b	17	20-149
ISCJB	I	13 16 27 31.4-65	18.85-20	178.0W-20	500	3.8b		19481099
NEIC	I	13 16 27 32.0-3.2	18.76S	177.84W	505-36	4.9b		
IDC	I	13 16 27 36.2-5.3	19.01S	177.90W	549-64	4.1,3.5		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=28.6km s-min=13.4km az=102.2.							
NEIC	Event type se. Error ellipse: s-maj=25.6km s-min=17.1km az=143.0.							
IDC	Error ellipse: s-maj=35.7km s-min=20.7km az=179.0.							
ISC	I	14 08 40 34.1-1.4	18.15-30	177.9W-20	600	3.9b	16	34-148
ISCJB	I	14 08 40 33.9-1.1	18.05-30	178.1W-20	600	3.9b		19481319
IDC	I	14 08 40 35.5-6.2	18.12S	178.05W	608-73	4.2,3.6		
NEIC	I	14 08 40 36.5-4.2	18.05S	178.15W	619-48	4.1b,3.6		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=40.1km s-min=14.3km az=113.9.							
IDC	Error ellipse: s-maj=42.1km s-min=31.5km az=133.0.							
NEIC	Event type se. Error ellipse: s-maj=33.5km s-min=22.4km az=139.0.							
ISC	I	14 13 24 18.9-1.6	18.05-50	176.1W-40	35	4.0b,3.7s	6	6-148
IDC	I	14 13 24 13.0-1.8	18.12S	175.93W	0	4.3,4.0		19481374
ISCJB	I	14 13 24 16.7-1.6	18.25-50	176.0W-40	33	4.0b,3.7s		
NEIC	I	14 13 24 20.0-1.4	18.20S	175.96W	50	4.0b,3.7s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=104.5km s-min=27.2km az=148.0.							
ISCJB	Event type se. Error ellipse: s-maj=87.3km s-min=22.0km az=111.1.							
NEIC	Event type se. Error ellipse: s-maj=80.5km s-min=20.5km az=145.0.							
ISC	I	20 19 21 19.6-7.6	17.95-10	177.88W-09	561-10	4.1b	35	7-175
SZGRF	I	20 19 20 21.0	17.69S	176.53W	33	4.1b		18318435
ISCJB	I	20 19 21 19.0-7.8	17.95-10	177.96W-09	564-11	4.1b		
BUI	I	20 19 21 19.3	17.90S	178.00W	571	5.0b,4.7b		
IDC	I	20 19 21 20.3-1.7	17.96S	177.98W	571-19	4.3,3.6		
NEIC	I	20 19 21 20.4-7.8	17.90S	177.97W	571-9	4.5b,3.6		
ISC	Event type se.							
SZGRF	Fiji Islands region.							
ISCJB	Event type se. Error ellipse: s-maj=18.2km s-min=9.4km az=106.7.							
IDC	Error ellipse: s-maj=17.0km s-min=12.9km az=130.0.							
NEIC	Event type se. Error ellipse: s-maj=12.6km s-min=7.4km az=144.0.							
ISC	I	21 22 12 40.2-8.1	20.65-20	178.5W-20	600	3.6b	9	33-150
ISCJB	I	21 22 12 38.9-8.1	20.65-20	178.6W-20	600	3.6b		19484651
IDC	I	21 22 12 38.3-5.5	20.51S	178.53W	577-62	4.1,3.5		
ISCJB	Error ellipse: s-maj=32.0km s-min=16.7km az=131.8.							
IDC	Error ellipse: s-maj=35.1km s-min=27.9km az=166.0.							
ISC	I	24 09 30 24.0-7.2	16.05-20	178.3W-10	35	4.2b,4.2s	18	7-146
IDC	I	24 09 30 18.6-1.2	15.51S	178.52W	0	4.4,4.2		18188373
NEIC	I	24 09 30 20.3-7.9	15.70S	178.48W	10	4.6b,4.2		
ISCJB	I	24 09 30 21.9-7.1	16.05-20	178.3W-10	33	4.2b,4.2s		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	I	02 22 29 46.5-9.6	19.95-10	178.0W-20	600	4.3b	14	15-152
ISCJB	I	02 22 29 45.5-9.6	19.95-10	178.1W-20	600	4.3b		19476843
IDC	I	02 22 29 45.7-5.7	19.83S	178.10W	580-63	4.6,3.8		
NEIC	I	02 22 29 47.5-4.9	19.91S	178.09W	611-54	4.7b,3.8		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=22.0km s-min=16.4km az=161.7.							
IDC	Error ellipse: s-maj=41.8km s-min=19.8km az=62.0.							
NEIC	Event type se. Error ellipse: s-maj=41.0km s-min=18.6km az=62.0.							
ISC	I	02 22 35 25.9-4.7	19.75S	177.98W	589-47	4.6,3.8	17	15-152
IDC	I	02 22 35 25.2-2.7	19.89S	177.90W	588-28	4.4b,3.8		19476848
ISCJB	I	02 22 35 26.9-3.5	19.95-30	178.0W-20	621-44	4.2b,3.8		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	I	02 23 47 40.5-6.7	19.68S-06	177.72W-07	533-9	4.4b	56	8-165
SZGRF	I	02 23 47 18.6	19.98S	177.86W	328	4.4b		19476872
ISCJB	I	02 23 47 39.9-7.1	19.65S-06	177.83W-07	535-10	4.4b		
BUI	I	02 23 47 39.5	19.60S	177.80W	530	4.5b		
NEIC	I	02 23 47 40.6-9.2	19.61S	177.78W	530-10	4.7b		
IDC	I	02 23 47 41.1-1.2	19.68S	177.81W	540-14	4.7,4.0		
ISC	Event type se.							
SZGRF	Fiji Islands region.							
ISCJB	Event type se. Error ellipse: s-maj=12.1km s-min=7.2km az=74.1.							
NEIC	Event type se. Error ellipse: s-maj=13.0km s-min=8.9km az=143.0.							
IDC	Error ellipse: s-maj=12.7km s-min=9.1km az=142.0.							
ISC	I	02 23 49 13.1-7.0	17.65-20	178.9W-20	600	4.0b	16	33-168
NEIC	I	02 23 49 02.0-5.1	17.41S	178.76W	460-51	4.5b		19476873
ISCJB	I	02 23 49 12.0-7.1	17.65-20	179.0W-20	600	4.0b		
IDC	I	02 23 49 11.9-4.3	17.83S	178.83W	596-48	4.4,3.7		
ISC	Event type se.							
NEIC	Event type se. Error ellipse: s-maj=33.1km s-min=25.4km az=122.0.							
ISCJB	Event type se. Error ellipse: s-maj=26.7km s-min=14.1km az=109.1.							
IDC	Error ellipse: s-maj=40.6km s-min=22.5km az=153.0.							
ISC	I	03 08 28 26.6-7.9	19.84S-06	177.99W-07	565-9	4.3b	68	8-173
SZGRF	I	03 08 27 22.9	20.99S	177.13W	33	4.3b		18012063
ISCJB	I	03 08 28 25.3-6.9	19.76S-05	178.05W-07	560-9	4.3b		
MOS	I	03 08 28 26.6-2.2	19.66S	178.08W	554	5.1b		
NEIC	I	03 08 28 27.9-2.6	19.82S	178.05W	580	4.5b		
IDC	I	03 08 28 27.9-1.8	19.80S	178.05W	580-21	4.7,4.0		
BUI	I	03 08 28 28.4	19.10S	178.10W	580	5.0b,4.7b		
ISC	Event type se.							
SZGRF	Fiji Islands region.							
ISCJB	Event type se. Error ellipse: s-maj=10.4km s-min=7.0km az=67.5.							
MOS	Error ellipse: s-maj=13.5km s-min=12.7km az=64.5.							
NEIC	Event type se. Error ellipse: s-maj=9.6km s-min=7.1km az=147.0.							
IDC	Error ellipse: s-maj=13.2km s-min=12.0km az=11.0.							
ISC	I	03 09 03 02.7-9.7	20.35-10	177.86W-09	590-13	4.3b	37	9-173
SZGRF	I	03 09 02 01.0	20.24S	177.34W	33	4.3b		18760184
ISCJB	I	03 09 03 02.0-9.5	20.34S-08	177.95W-09	594-13	4.3b		
NEIC	I	03 09 03 02.5-1.0	20.29S	177.94W	583-11	4.7b		
IDC	I	03 09 03 03.3-1.8	20.16S	178.05W	582-21	4.6,3.9		
ISC	Event type se.							
SZGRF	Fiji Islands region.							
ISCJB	Event type se. Error ellipse: s-maj=14.7km s-min=9.1km az=90.0.							
NEIC	Event type se. Error ellipse: s-maj=15.5km s-min=9.6km az=145.0.							
IDC	Error ellipse: s-maj=22.3km s-min=13.0km az=148.0.							
ISC	I	13 03 34 20.9-1.0	20.61S-07	178.53W-06	586-12	4.4b	111	9-173
SZGRF	I	13 03 33 14.2	22.08S	177.30W	33	4.4b		18030069
CSEM	I	13 03 33 22.8	19.88S	177.79W	33	5.7b		
ISCJB	I	13 03 34 19.3-9.0	20.60S-07	178.58W-06	579-11	4.4b		
IDC	I	13 03 34 21.6-1.1	20.53S	178.60W	593-11	4.8,4.1		
NEIC	I	13 03 34 21.7-7.3	20.59S	178.61W	598-8	4.4b,4.1		
BUI	I	13 03 34 21.6	20.60S	178.60W	598	5.1b,4.7b		
MOS	I	13 03 34 24.5-2.5	19.36S	179.03W	580	4.7b,4.7b		
ISC	Event type se.							
SZGRF	South of Fiji Islands.							
ISCJB	Event type se. Error ellipse: s-maj=11.4km s-min=7.4km az=104.3.							
IDC	Error ellipse: s-maj=13.4km s-min=10.3km az=139.0.							
NEIC	Event type se. Error ellipse: s-maj=8.9km s-min=6.1km az=146.0.							
MOS	Error ellipse: s-maj=13.1km s-min=11.9km az=102.9.							
ISC	V	24 20 45 08.3-1.0	19.47S-06	177.92W-06	420-12	4.7b	92	8-174
BUI	V	24 20 45 03.8	20.02S	177.21W	426	4.9b,4.7b		18440492
ISCJB	V	24 20 45 06.6-1.0	19.40S-06	178.02W-06	414-11	4.7b,4.7b		
MOS	V	24 20 45 06.6-1.9	19.37S	178.07W	406	4.8b,4.7b		
NEIC	V	24 20 45 08.4-9.4	19.36S	177.97W	427-10	4.7b,4.7b		
IDC	V	24 20 45 11.3-6.8	19.34S	178.05W	456-7	5.0,4.3		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=9.9km s-min=7.4km az=107.0.							
MOS	Error ellipse: s-maj=13.5km s-min=10.8km az=153.0.							
NEIC	Event type se. Error ellipse: s-maj=10.3km s-min=6.4km az=148.0.							
IDC	Error ellipse: s-maj=12.5km s-min=10.6km az=143.0.							
ISC	I	24 23 38 48.5-7.2	15.15-20	176.9W-10	35	4.3b,4.1s	18	5-178
IDC	I	24 23 38 43.5-1.2	14.96S	177.05W	0	4.4,4.2		18188385

ISCJB	I	24 23 38 46.2-7.4	15.1S-20	176.9W-10	33	4.3b,4.1s		
NEIC	I	24 23 38 46.7-6.0	14.39S	177.42W	10	4.8b,4.1s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=57.8km s-min=19.8km az=154.0.							
ISCJB	Event type se. Error ellipse: s-maj=33.1km s-min=11.5km az=140.4.							
NEIC	Event type se. Error ellipse: s-maj=20.1km s-min=14.0km az=146.0.							
ISC	I	25 15 35 08.8-1.0	17.85-30	178.5W-20	572-11	3.8b	19	8-148
ISCJB	I	25 15 35 08.6-1.1	17.8S-30	178.6W-20	582-13	3.8b		19485926
IDC	I	25 15 35 09.1-1.9	17.80S	178.54W	576-18	4.3,3.7		
NEIC	I	25 15 35 09.1-1.1	17.95S	178.52W	583-11	3.8b,3.7		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=53.0km s-min=11.8km az=131.7.							
IDC	Error ellipse: s-maj=55.7km s-min=15.1km az=162.0.							
NEIC	Event type se. Error ellipse: s-maj=41.8km s-min=10.8km az=156.0.							
ISC	I	27 19 32 14.5-6.6	21.95-50	176.2W-80	200	4.1b	10	16-149
ISCJB	I	27 19 32 11.6-4.9	21.8S-40	176.1W-60	200	4.1b		19486886
NEIC	I	27 19 32 21.7-8.4	22.10S	176.65W	248-71	4.1b		
IDC	I	27 19 32 24.5-12	22.12S	176.82W	264-108	4.5,3.9		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=85.0km s-min=24.1km az=111.7.							
NEIC	Event type se. Error ellipse: s-maj=56.9km s-min=23.9km az=49.0.							
IDC	Error ellipse: s-maj=73.8km s-min=29.3km az=47.0.							
ISC	I	29 14 15 43.8-1.0	18.03S-07	178.26W-06	597-12	4.3b	81	7-175
SZGRF	I	29 14 14 38.8	18.89S	177.11W	33	4.3b		18079536
MOS	I	29 14 15 40.3-2.0	17.76S	178.31W	545	4.4b		
ISCJB	I	29 14 15 41.6-7.8	18.02S-06	178.27W-06	583-10	4.3b		
BUI	I	29 14 15 42.0	17.52S	178.05W	576	4.7b,4.5b		
NEIC	I	29 14 15 42.7-1.3	17.97S	178.29W	584-15	4.4b,4.5b		
IDC	I	29 14 15 44.7-1.8	18.25S	178.29W	612-22	4.7,4.0		
ISC	Event type se.							
SZGRF	Fiji Islands region.							
MOS	Error ellipse: s-maj=15.5km s-min=12.0km az=107.6.							
ISCJB	Event type se. Error ellipse: s-maj=11.1km s-min=7.2km az=106.0.							
NEIC	Event type se. Error ellipse: s-maj=10.1km s-min=7.0km az=155.0.							
IDC	Error ellipse: s-maj=15.3km s-min=10.3km az=147.0.							
ISC	I	30 21 52 37.5-1.1	20.28S-08	178.17W-07	530-12	4.5b	80	9-173
SZGRF	I	30 21 51 34.9	22.78S	177.66W	33	4.5b		18079607
ORF	I	30 21 51 51.3	17.79S	179.43S	30	5.7b		
ISCJB	I	30 21 52 35.6-9.7	20.26S-08	178.20W-07	517-11	4.5b		
BUI	I	30 21 52 37.9	19.80S	178.11W	531	4.7b,4.5b		
NEIC	I	30 21 52 38.7-1.4	20.35S	178.23W	546-15	4.6b,4.5b		
MOS	I	30 21 52 42.0-1.9	18.88S	179.02W	511	4.8b,4.5b		
IDC	I	30 21 52 42.9-2.3	20.25S	178.37W	586-25	4.8,4.1		
ISC	Event type se.							
SZGRF	South of Fiji Islands.							
ISCJB	Event type se. Error ellipse: s-maj=13.6km s-min=7.6km az=107.3.							
NEIC	Event type se. Error							

<p>822.00000°; λ-40.00000°; NP2:φ49.00000°; δ76.00000°; λ-107.00000°; Principal axes: T 5.7860,Plg29.0000°; Azm153.0000°; N 2.3140,Plg17.0000°; Azm53.0000° P -8.0930,Plg56.0000°; Azm297.0000°; M6.94000x1019</p>		<p>ISCJB V 31 12 38 19.2-1.1 17.90S-06 178.65W-06 515-13 4.3b MOS V 31 12 38 20.9-1.1 17.26S 178.83W 509 4.3b NEIC V 31 12 38 21.1-72 17.85S 178.63W 524-8 4.3b IDC V 31 12 38 21.5-1.5 17.91S 178.64W 536-18 4.9,4.1 BJI V 31 12 38 21.0 17.80S 178.60W 524 4.5b,4.4b</p>	
<p>NEIC Event type se. Error ellipse: s-maj=4.8km s-min=2.8km az=115.0. Felt at Nuku'alofa, Tonga. Depth from broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ50.00000°; δ70.00000°; λ-90.00000°; NP2:φ230.00000°; δ20.00000°; λ-90.00000°; Principal axes: T Plg25.0000°; Azm140.0000°; N Plg0.0000°; Azm0.0000°; P Plg65.0000°; Azm320.0000° Moment Tensor Solution. s51 Moment tensor: Scale 10¹⁹Nm; M1-3.73 Mm0.02 Mm-2.49 Mm0.04 Mm-2.47 Best double couple: NP1:φ281.00000°; δ29.00000°; λ-53.00000°; NP2:φ60.00000°; δ67.00000°; λ-109.00000°; Principal axes: T 4.7600,Plg20.0000°; Azm164.0000°; N 0.6800,Plg17.0000°; Azm68.0000°; P -5.4400,Plg63.0000°; Azm300.0000° M6.5.10000x1019</p>		<p>ISC Event type se. Error ellipse: s-maj=5.4km s-min=4.7km az=2.0. SZGRF Fiji Islands region. ISC I 03 00 40 49.2-15 19.84S-04 177.99W-03 583 5.1b 252 8-165 CSEM I 03 00 39 53.2 19.00S 178.01W 33 5.7b 17997754 MOS I 03 00 40 46.8-1.1 19.70S 178.06W 564 5.2b ISCJB I 03 00 40 47.8-15 19.85S-03 178.03W-03 581 5.1b BJI I 03 00 40 48.2 19.38S 177.68W 582 5.5b,5.2b IDC I 03 00 40 49.5-51 19.78S 177.97W 592-5 5.5,4.6b NEIC I 03 00 40 49.3-11 19.82S 178.03W 587 5.2b,4.6b SZGRF I 03 00 40 51.8 18.76S 178.32W 602 5.2b,4.6b BGS I 03 00 40 52.4-3.2 19.82S 178.03W 595-0 5.2b,4.6b</p>	
<p>ISC Event type se. Error ellipse: s-maj=10.7km s-min=9.7km az=79.3. MOS Error ellipse: s-maj=4.7km s-min=3.6km az=116.3. IDC Error ellipse: s-maj=8.8km s-min=7.0km az=1.0. NEIC Event type se. Error ellipse: s-maj=5.6km s-min=3.9km az=132.0. SZGRF Fiji Islands region. BGS Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0. ISC I 03 04 25 27.1-66 19.94S-05 178.02W-04 583-8 5.0b 181 8-173 ISCJB I 03 04 25 25.9-65 19.91S-05 178.08W-04 581-8 5.0b 18012058 MOS I 03 04 25 26.3-97 19.81S 178.14W 586 5.1b BJI I 03 04 25 26.8 19.57S 177.87W 590 5.2b,5.1b IDC I 03 04 25 27.7-61 19.91S 178.08W 593-6 5.3,4.5 NEIC I 03 04 25 27.6-16 19.93S 178.08W 594 5.0b,4.5 BGS I 03 04 25 30.4-2.3 19.93S 178.08W 585-0 5.2b,4.5 SZGRF I 03 04 25 30.8 18.43S 178.57W 611 5.2b,4.5</p>		<p>ISC Event type se. Error ellipse: s-maj=7.6km s-min=5.5km az=116.7. MOS Error ellipse: s-maj=12.2km s-min=10.7km az=77.6. IDC Error ellipse: s-maj=10.4km s-min=8.4km az=117.0. NEIC Event type se. Error ellipse: s-maj=7.5km s-min=5.0km az=144.0. BGS Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0. SZGRF Fiji Islands region. ISC I 17 00 47 34.1-1.3 17.45S-50 178.6W-30 600 3.6b 9 39-150 ISCJB I 17 00 47 32.4-1.3 17.65S-50 178.6W-30 600 3.6b 179482204 IDC I 17 00 47 34.5-5.2 17.66S 178.58W 615-65 4.0,3.5 ISCJB Error ellipse: s-maj=79.6km s-min=14.6km az=120.4. IDC Error ellipse: s-maj=82.6km s-min=23.9km az=154.0. ISC I 02 22 23 43.0-3.7 19.75S-30 178.4W-20 681-62 4.7b 11 14-152 IDC I 02 22 23 39.8-8.6 19.94S 178.25W 654-82 5.1,4.1 179476841 NEIC I 02 22 23 41.8-3.4 19.94S 178.33W 678-36 5.3b,4.1 ISCJB I 02 22 23 42.3-1.2 19.85S-20 178.4W-20 700 4.7b,4.1</p>	
<p>ISC Event type se. Error ellipse: s-maj=7.9km s-min=5.5km az=116.7. MOS Error ellipse: s-maj=12.2km s-min=10.7km az=77.6. IDC Error ellipse: s-maj=10.4km s-min=8.4km az=117.0. NEIC Event type se. Error ellipse: s-maj=7.5km s-min=5.0km az=144.0. BGS Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0. SZGRF Fiji Islands region. ISC I 26 00 24 30.5-1.5 18.25S-20 177.5W-20 466-21 3.6b 11 7-148 ISCJB I 26 00 24 29.0-1.5 18.25S-20 177.5W-20 466-21 3.6b 119132088 NEIC I 26 00 24 30.8-1.3 18.08S 177.38W 466-17 3.8b IDC I 26 00 24 30.6-2.1 18.12S 177.41W 461-27 4.1,3.5</p>		<p>ISC Event type se. Error ellipse: s-maj=30.5km s-min=18.6km az=94.9. NEIC Event type se. Error ellipse: s-maj=27.5km s-min=14.8km az=139.0. IDC Error ellipse: s-maj=33.8km s-min=17.0km az=140.0. ISC V 26 11 56 08.7-82 17.55S-10 178.73W-10 524-12 4.0b 30 8-147 ISCJB V 26 11 56 07.8-88 17.45S-10 178.83W-10 523-13 4.0b 119132116 IDC V 26 11 56 08.2-1.5 17.46S 178.76W 518-19 4.4,3.6 NEIC V 26 11 56 09.1-79 17.43S 178.80W 529-10 4.4b,3.6</p>	
<p>ISC Event type se. Error ellipse: s-maj=21.9km s-min=9.7km az=112.0. IDC Error ellipse: s-maj=20.4km s-min=10.5km az=140.0. NEIC Event type se. Error ellipse: s-maj=14.4km s-min=7.3km az=145.0. IDC V 17 15 39 14.6-4.0 17.37S 176.40W 0 4.0,3.8 179599101</p>		<p>ISC Event type se. Error ellipse: s-maj=165.2km s-min=24.5km az=42.0. ISC IV 15 11 03 28.5-2.1 18.8S-70 177.4W-50 560-21 3.6b 11 7-149 ISCJB IV 15 11 03 27.5-2.0 18.8S-70 177.6W-50 555-23 3.6b 179594959 NEIC IV 15 11 03 27.9-1.4 18.97S 177.43W 551-12 4.0b IDC IV 15 11 03 27.6-2.3 18.91S 177.45W 542-19 4.0,3.3</p>	
<p>ISC Event type se. Error ellipse: s-maj=83.4km s-min=19.4km az=146.0. ISCJB Event type se. Error ellipse: s-maj=27.9km s-min=22.4km az=120.2. NEIC Event type se. Error ellipse: s-maj=25.9km s-min=13.8km az=142.0. HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s41,c53; Mantle waves: s77,c119; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M1:0.08; M2:12 Mm0.64; M3: Mm0.56; M4: Mm0.32; M5: Mm0.32; M6: Mm0.62; M7: Mm0.62; M8: Mm0.62; M9: Mm0.62; M10: Mm0.62; M11: Mm0.62; M12: Mm0.62; M13: Mm0.62; M14: Mm0.62; M15: Mm0.62; M16: Mm0.62; M17: Mm0.62; M18: Mm0.62; M19: Mm0.62; M20: Mm0.62; M21: Mm0.62; M22: Mm0.62; M23: Mm0.62; M24: Mm0.62; M25: Mm0.62; M26: Mm0.62; M27: Mm0.62; M28: Mm0.62; M29: Mm0.62; M30: Mm0.62; M31: Mm0.62; M32: Mm0.62; M33: Mm0.62; M34: Mm0.62; M35: Mm0.62; M36: Mm0.62; M37: Mm0.62; M38: Mm0.62; M39: Mm0.62; M40: Mm0.62; M41: Mm0.62; M42: Mm0.62; M43: Mm0.62; M44: Mm0.62; M45: Mm0.62; M46: Mm0.62; M47: Mm0.62; M48: Mm0.62; M49: Mm0.62; M50: Mm0.62; M51: Mm0.62; M52: Mm0.62; M53: Mm0.62; M54: Mm0.62; M55: Mm0.62; M56: Mm0.62; M57: Mm0.62; M58: Mm0.62; M59: Mm0.62; M60: Mm0.62; M61: Mm0.62; M62: Mm0.62; M63: Mm0.62; M64: Mm0.62; M65: Mm0.62; M66: Mm0.62; M67: Mm0.62; M68: Mm0.62; M69: Mm0.62; M70: Mm0.62; M71: Mm0.62; M72: Mm0.62; M73: Mm0.62; M74: Mm0.62; M75: Mm0.62; M76: Mm0.62; M77: Mm0.62; M78: Mm0.62; M79: Mm0.62; M80: Mm0.62; M81: Mm0.62; M82: Mm0.62; M83: Mm0.62; M84: Mm0.62; M85: Mm0.62; M86: Mm0.62; M87: Mm0.62; M88: Mm0.62; M89: Mm0.62; M90: Mm0.62; M91: Mm0.62; M92: Mm0.62; M93: Mm0.62; M94: Mm0.62; M95: Mm0.62; M96: Mm0.62; M97: Mm0.62; M98: Mm0.62; M99: Mm0.62; M100: Mm0.62; M101: Mm0.62; M102: Mm0.62; M103: Mm0.62; M104: Mm0.62; M105: Mm0.62; M106: Mm0.62; M107: Mm0.62; M108: Mm0.62; M109: Mm0.62; M110: Mm0.62; M111: Mm0.62; M112: Mm0.62; M113: Mm0.62; M114: Mm0.62; M115: Mm0.62; M116: Mm0.62; M117: Mm0.62; M118: Mm0.62; M119: Mm0.62; M120: Mm0.62; M121: Mm0.62; M122: Mm0.62; M123: Mm0.62; M124: Mm0.62; M125: Mm0.62; M126: Mm0.62; M127: Mm0.62; M128: Mm0.62; M129: Mm0.62; M130: Mm0.62; M131: Mm0.62; M132: Mm0.62; M133: Mm0.62; M134: Mm0.62; M135: Mm0.62; M136: Mm0.62; M137: Mm0.62; M138: Mm0.62; M139: Mm0.62; M140: Mm0.62; M141: Mm0.62; M142: Mm0.62; M143: Mm0.62; M144: Mm0.62; M145: Mm0.62; 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NEIC	IV	21 06 56 40.3-86	18.35S	177.92W	608-11	4.3b,3.8			
MOS	IV	21 06 56 41.4-1.5	17.66S	178.33W	599	4.5b,3.8			
ISC		Event type se.							
SZGRF		Fiji Islands region.							
ISCJB		Event type se. Error ellipse: s-maj=26.9km s-min=8.8km az=117.5.							
IDC		Error ellipse: s-maj=23.7km s-min=9.7km az=148.0.							
NEIC		Event type se. Error ellipse: s-maj=20.7km s-min=7.9km az=150.0.							
MOS		Error ellipse: s-maj=22.2km s-min=13.5km az=156.6.							
ISC	IV	03 05 44 27.8-3.2	20.8S-70	177.2W-60	450	3.8b	11	38-151	
NEIC	IV	03 05 44 26.5-1.4	20.59S	177.08W	450	4.1b			¶9594174
IDC	IV	03 05 44 26.9-12	21.26S	176.91W	456-111	4.1,3.5			
ISCJB	IV	03 05 44 28.0-3.1	20.6S-70	177.5W-60	450	3.8b,3.5			
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
(182) Fiji Islands.									
IDC	IV	20 04 41 42.1-10	17.70S	177.58E	0	4.2,4.0b			
IDC		Error ellipse: s-maj=246.1km s-min=40.8km az=116.0.							
IDC	IV	20 07 20 00.4-1.5	17.87S	178.83E	0	4.4,4.3			¶9597526
IDC		Error ellipse: s-maj=65.9km s-min=20.8km az=147.0.							¶9597533
ISC	III	27 21 08 51.6-51	16.2S-10	177.81E-10	35	4.6b,4.3s	47	10-175	
BJI	III	27 21 08 44.0	16.20S	177.80E	10	5.1b,4.9s			¶10611954
IDC	III	27 21 08 45.5-1.3	16.32S	177.97E	0	4.6,4.5			
MOS	III	27 21 08 46.3-99	16.21S	177.75E	10	5.0b,4.5			
NEIC	III	27 21 08 47.5-43	16.21S	177.82E	10	4.8b,4.5			
ISCJB	III	27 21 08 49.5-51	16.3S-10	177.8E-10	33	4.6b,4.3s			
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
IDC	III	13 00 36 41.6-72	18.14S	177.21E	0	4.7,4.5b			¶10602737
IDC		Error ellipse: s-maj=1272.0km s-min=146.4km az=77.0.							¶9600178
IDC	VI	19 03 57 52.7-67	17.76S	177.99E	0	4.1,3.9b			¶9600142
IDC		Error ellipse: s-maj=1185.0km s-min=154.5km az=77.0.							¶9599853
IDC	VI	18 04 33 46.0-76	17.72S	178.17E	0	4.2,4.1b			¶10601647
IDC		Error ellipse: s-maj=1356.0km s-min=164.2km az=77.0.							¶10602746
IDC	VI	06 20 51 20.1-66	16.96S	179.57E	0	4.0,3.8b			¶10604558
IDC		Error ellipse: s-maj=1183.0km s-min=151.4km az=77.0.							¶10611427
IDC	III	11 05 19 05.4-68	18.12S	177.31E	0	4.2,4.0b			¶10599048
IDC		Error ellipse: s-maj=1211.0km s-min=142.8km az=77.0.							¶10598655
IDC	III	13 00 49 51.0-65	17.88S	178.22E	0	4.6,4.4b			¶10604558
IDC		Error ellipse: s-maj=1164.0km s-min=136.8km az=77.0.							¶10611427
IDC	III	16 02 17 47.2-32	17.72S	179.52E	0	4.4,4.2b			¶105994636
IDC		Error ellipse: s-maj=566.1km s-min=133.6km az=73.0.							¶9597728
IDC	III	27 03 19 09.3-66	17.73S	178.51E	0	4.4,4.2b			¶9598501
IDC		Error ellipse: s-maj=1181.0km s-min=138.7km az=77.0.							¶9598890
IDC	III	07 13 14 22.7-64	17.48S	178.11E	0	4.6,4.4b			¶9598923
IDC		Error ellipse: s-maj=1147.0km s-min=142.5km az=77.0.							¶9599202
ISC	III	06 22 13 35.3-72	16.1S-10	178.1E-10	25	4.4b,3.8s	18	10-145	
ISCJB	III	06 22 13 33.5-72	16.1S-20	178.0E-10	23	4.4b,3.8s			¶10612042
IDC	III	06 22 13 34.9-1.4	16.06S	178.09E	24-3	4.3,4.2			¶9569537
NEIC	III	06 22 13 35.2-45	16.03S	178.03E	25	4.4b,4.2			¶9569543
BJI	III	06 22 13 35.2	16.00S	178.00E	24	5.5b,4.9b			¶9594581
ISC		Event type se.							¶9594636
ISCJB		Event type se. Error ellipse: s-maj=24.9km s-min=14.9km az=106.4.							¶9597728
IDC		Error ellipse: s-maj=57.6km s-min=17.1km az=138.0.							¶9598501
NEIC		Event type se. Error ellipse: s-maj=17.7km s-min=10.3km az=145.0.							¶9598890
IDC	III	28 00 31 00.2-3.7	16.25S	177.98E	0	4.2,4.0b			¶9598923
IDC		Error ellipse: s-maj=166.9km s-min=30.6km az=139.0.							¶9599202
IDC	II	02 13 04 08.3-67	17.38S	179.68E	0	4.4,4.2b			¶9599227
IDC		Error ellipse: s-maj=1201.0km s-min=156.0km az=78.0.							¶18188497
IDC	II	02 14 18 03.9-73	17.79S	179.50E	0	4.0,3.8b			¶16037792
IDC		Error ellipse: s-maj=1318.0km s-min=157.1km az=78.0.							¶9594581
IDC	IV	10 13 06 58.9-61	17.47S	178.72E	0	3.9,3.7b			¶9594636
IDC		Error ellipse: s-maj=1094.0km s-min=142.4km az=77.0.							¶9597728
IDC	IV	11 09 50 52.1-72	17.81S	177.70E	0	4.2,4.0b			¶9598501
IDC		Error ellipse: s-maj=1270.0km s-min=138.7km az=77.0.							¶9598890
IDC	IV	14 08 23 25.9-70	18.40S	177.41E	0	4.2,4.0b			¶9598923
IDC		Error ellipse: s-maj=1235.0km s-min=145.1km az=78.0.							¶9599202
IDC	IV	22 14 56 36.2-72	17.77S	177.69E	0	4.4,4.3b			¶9599227
IDC		Error ellipse: s-maj=1284.0km s-min=141.0km az=77.0.							¶18188497
IDC	V	05 03 21 25.8-23	17.24S	179.26E	0	4.2,3.9b			¶16037792
IDC		Error ellipse: s-maj=582.8km s-min=48.9km az=120.0.							¶9594581
IDC	V	14 18 50 28.8-5.4	18.24S	177.09E	0	3.9,3.6b			¶9594636
IDC		Error ellipse: s-maj=303.5km s-min=72.1km az=154.0. Low Confidence.							¶9598890
IDC	V	15 17 20 01.1-61	17.77S	178.96E	0	4.2,4.0b			¶9598923
IDC		Error ellipse: s-maj=1102.0km s-min=145.2km az=78.0.							¶9599202
IDC	V	20 05 45 00.8-2.2	15.38S	177.26E	0	4.1,3.9			¶9599227
IDC		Error ellipse: s-maj=132.1km s-min=24.9km az=144.0.							¶18188497
IDC	V	21 10 45 32.9-69	17.94S	177.51E	0	4.2,4.0b			¶9599227
IDC		Error ellipse: s-maj=1217.0km s-min=152.2km az=77.0.							¶18188497
IDC	I	30 08 18 00.4-1.5	15.12S	178.24E	0	4.3,4.1			¶18188497
IDC		Error ellipse: s-maj=123.9km s-min=30.9km az=141.0.							¶18188497
ISC	I	16 10 55 02.7-46	16.17S-10	178.92E-10	20	4.5b,4.4s	32	9-150	
IDC	I	16 10 54 58.6-69	15.98S	178.80E	0	4.4,4.4			¶18037792
ISCJB	I	16 10 55 00.6-47	16.2S-10	178.88E-10	19	4.5b,4.4s			
NEIC	I	16 10 55 03.5-45	16.25S	178.77E	30	4.4b,4.4s			
BJI	I	16 10 55 03.5	16.00S	178.80E	30	5.1b,5.0s			
ISC		Event type se.							
IDC		Error ellipse: s-maj=26.9km s-min=17.7km az=128.0.							
ISCJB		Event type se. Error ellipse: s-maj=16.5km s-min=11.4km az=99.0.							
NEIC		Event type se. Error ellipse: s-maj=19.2km s-min=11.7km az=134.0. Felt at Labasa.							
ISC	VI	24 16 42 12.8-4.8	17.1S-40	179.1E-30	77-64	4.6b	17	9-51	
ISCJB	VI	24 16 42 12.5-67	17.0S-40	179.2E-10	100	4.6b			¶9222542
NEIC	VI	24 16 42 13.8-76	17.12E	179.21E	100	4.6b			
IDC	VI	24 16 42 24.0-11	17.64S	179.94W	255-183	4.5,4.0			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=61.7km s-min=7.9km az=147.1.							
NEIC		Event type se. Error ellipse: s-maj=54.5km s-min=12.1km az=164.0.							
IDC		Error ellipse: s-maj=142.2km s-min=63.3km az=121.0.							

SEISMIC REGION 14.
Vanuatu (New Hebrides).

(183) Santa Cruz Islands region.									
IDC	IV	20 14 10 36.6-8.4	11.62S	171.23E	0	4.2,4.0b			¶9597546

IDC		Error ellipse: s-maj=187.4km s-min=44.6km az=23.0.							
IDC	VI	23 23 07 18.3-11	12.34S	168.02E	0	3.9b,3.9			¶9600361
IDC		Error ellipse: s-maj=374.3km s-min=55.7km az=127.0.							
IDC	III	11 09 17 27.0-4.1	10.51S	164.92E	0	3.7,3.5			¶10601728
IDC		Error ellipse: s-maj=205.2km s-min=34.4km az=138.0.							
IDC	III	22 13 31 29.5-72	12.07S	169.83E	0	3.8,3.7b			¶10608494
IDC		Error ellipse: s-maj=1241.0km s-min=126.0km az=63.0.							
IDC	III	22 18 52 33.6-7.4	12.86S	171.99E	0	4.1,3.8b			¶10608652
IDC		Error ellipse: s-maj=424.2km s-min=32.7km az=141.0.							
ISC	III	20 14 34 07.0-1.1	13.00S-07	168.66E-08	571-14	4.4b	55	9-149	
LDG	III	20 14 33 59.4-19	12.41S	168.86E	480-0	3.8b			¶10607253
ISCJB	III	20 14 34 06.0-1.2	13.02S-07	168.62E-08	573-15	4.4b			
NEIC	III	20 14 34 06.4-76	12.97S	168.66E	564-9	4.6b			
IDC	III	20 14 34 06.4-1.6	13.01S	168.68E	564-20	4.8,4.0			
ISC		Event type ke.							
LDG		Event type ke. Error ellipse: s-maj=28.2km s-min=9.6km az=96.0.							
ISCJB		Event type ke. Error ellipse: s-maj=11.9km s-min=10.2km az=70.5.							
NEIC		Event type se. Error ellipse: s-maj=7.9km s-min=6.8km az=125.0.							
IDC		Error ellipse: s-maj=12.0km s-min=11.3km az=133.0.							
IDC	III	25 12 46 31.0-3.5	11.29S	169.31E	0	3.9,3.7			¶10610338
IDC		Error ellipse: s-maj=139.9km s-min=29.5km az=136.0.							
IDC	III	30 07 00 42.1-1.9	12.37S	171.87E	0	3.9,3.7			¶10613315
IDC		Error ellipse: s-maj=89.3km s-min=25.3km az=134.0.							
IDC	III	30 13 57 17.4-4.2	12.49S	171.62E	0	4.1,3.8			¶10613619
IDC		Error ellipse: s-maj=225.9km s-min=26.6km az=142.0.							
ISC	II	24 03 00 20.1-23	10.68S-04	164.47E-04	33	4.9b,4.8s	131	5-163	
IDC	II	24 03 00 15.0-56	10.59S	164.24E	0	5.6L,4.7			¶18106578
ISCJB	II	24 03 00 17.9-23	10.76S-04	164.43E-04	31	4.9b,4.8s			
MOS	II	24 03 00 18.5-1.4	10.57S	164.39E	33	5.1b,4.6s			
NAO	II	24 03 00 19.1	10.00S	164.00E	33	4.8b,4.6s			
NEIC	II	24 03 00 20.8-1.4	10.63S	164.39E	41-13	4.9b,4.6s			
HRVD	II	24 03 00 20.8-20	10.51S	164.39E	22-1	5.5W,4.6s			
BJI	II	24 03 00 21.1	10.10S	164.47E	29	5.2s,5.1b			
ISC		Event type se.							
IDC		Error ellipse: s-maj=22.2km s-min=15.8km az=99.0.							
ISCJB		Event type se. Error ellipse: s-maj=5.9km s-min=5.2km az=144.5.							
MOS		Error ellipse: s-maj=9.9km s-min=9.4km az=92.2.							
NEIC		Event type se. Error ellipse: s-maj=9.							

Best double couple: NP1:0.357,0.0000°; 834,00000°; 110,00000°. NP2:0.154,0.0000°; 858,00000°; 177,00000°. Principal axes: T 1.2850,Plg73,0000°; Azm31,0000°; N 0.0010,Plg11,0000°; Azm160,0000°; P -1.2830,Plg12,0000°; Azm253,0000°; M1.28400×10¹⁷

NEIC Event type se. Error ellipse: s-maj=10.1km s-min=8.1km az=71.0.
 IDC IV 17 05 35 54.3-17 12.44S 167.35E 207-164 3.7,3.5

ISC 19595063
 LDG IV 20 08 10 49.9-33 12.60S-05 166.27E-07 39 4.9b,4.3s 87 7-165
 MOS IV 20 08 10 45.2-28 12.16S 166.48E 10-0 5.3b,4.3s
 LDG IV 20 08 10 47.6-1.2 12.54S 166.23E 33 5.3b,4.4s
 CRAAG IV 20 08 10 47.4 12.44S 166.46E 5 1b,4.4s
 ISCJB IV 20 08 10 47.9-33 12.60S-05 166.20E-07 37 4.9b,4.3s
 IDC IV 20 08 10 48.7-5.5 12.54S 166.29S 33-39 4.6,4.5
 BJI IV 20 08 10 48.4 12.26S 166.56E 38 5.4b,5.1b
 HRVD IV 20 08 10 49.3-30 12.57S 166.03E 22-0 5.0W,5.1b
 NEIC IV 20 08 10 49.3-26 12.53S 166.35E 42 4.9b,4.7s

ISC Event type se.
 LDG Event type ke. Error ellipse: s-maj=37.1km s-min=14.2km az=84.0.
 Error ellipse: s-maj=11.6km s-min=8.9km az=129.8.
 MOS Event type ke. Error ellipse: s-maj=10.1km s-min=6.7km az=144.3.
 ISCJB Event type se. Error ellipse: s-maj=22.3km s-min=14.3km az=77.0.
 IDC Error ellipse: s-maj=2.2km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s34,c39; Mantle waves: s54,c70; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr:4.00±.24 Mw:0.30±.16; Mw:3.70±.16; Mw:1.18±.30; Mw:0.73±.11; Mw:1.01±.22;
 Best double couple: NP1:0.359,0.0000°; 837,00000°; 109,00000°. NP2:0.156,0.0000°; 855,00000°; 176,00000°. Principal axes: T 4.3830,Plg76,0000°; Azm24,0000°; N -0.3370,Plg11,0000°; Azm164,0000°; P -4.0430,Plg9,0000°; Azm256,0000°; M4.21300×10¹⁶

NEIC Event type se. Error ellipse: s-maj=10.6km s-min=8.4km az=94.0.
 IDC IV 18 20 15 37.1-5.9 12.55-10 166.2E-10 16-37 4.1b 20 7-118
 ISCJB IV 18 20 15 33.7-5.1 12.65S-10 166.1E-10 5-32 4.1b 18664150
 IDC IV 18 20 15 34.5-1.2 12.50S 166.12E 0 4.1,4.1
 MOS IV 18 20 15 38.5-1.1 12.43S 166.06E 33 4.7b,4.1
 NEIC IV 18 20 15 39.8-2.0 12.60S 166.21E 41-16 4.5b,4.1

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=21.4km s-min=13.4km az=85.8.
 IDC Error ellipse: s-maj=33.8km s-min=25.7km az=103.0.
 MOS Error ellipse: s-maj=32.4km s-min=19.6km az=41.4.
 NEIC Event type se. Error ellipse: s-maj=25.6km s-min=12.8km az=71.0.
 IDC IV 29 16 43 45.1-5.5 12.32S 166.52E 84-49 3.9L,3.9

ISC 19598204
 IDC Error ellipse: s-maj=32.6km s-min=30.1km az=93.0.
 ISC IV 29 23 13 08.7-4.8 13.0S-20 165.8E-30 84-36 3.9b 11 7-145
 NEIC IV 29 23 12 55.8-5.6 13.12S 166.67E 15 3.9b 19598223
 ISCJB IV 29 23 13 07.4-5.3 13.0S-20 165.7E-30 85-41 3.9b
 IDC IV 29 23 13 10.3-7.3 12.91S 165.72E 95-55 4.8L,4.1

ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=17.5km s-min=16.1km az=152.0.
 ISCJB Event type se. Error ellipse: s-maj=44.2km s-min=25.8km az=19.6.
 IDC Error ellipse: s-maj=54.2km s-min=24.5km az=106.0.
 ISC IV 24 21 35 16.1-1.7 12.22S-10 166.5E-30 200 3.6b 8 10-118
 IDC IV 24 21 35 14.4-6.1 12.12S 166.46E 184-59 4.0,3.6
 ISCJB IV 24 21 35 15.4-1.7 12.25S-10 166.3E-30 200 3.6b,3.6
 IDC IV 24 21 35 17.5-5.0 12.24S 166.49E 217-54 3.6b,3.6

ISC Event type se.
 IDC Error ellipse: s-maj=43.6km s-min=32.3km az=152.0.
 ISCJB Event type se. Error ellipse: s-maj=39.6km s-min=11.8km az=155.1.
 NEIC Event type se. Error ellipse: s-maj=50.2km s-min=26.0km az=152.0.
 IDC IV 07 02 13 38.2-1.1 11.45S 165.20E 0 4.1,4.0

ISC 19594401
 IDC Error ellipse: s-maj=40.5km s-min=23.4km az=135.0.
 ISC IV 08 16 55 16.3-2.1 11.8S-10 166.5E-20 92-17 4.0b 14 7-95
 ISCJB IV 08 16 55 15.7-2.6 11.9S-10 166.4E-20 96-21 4.0b 19594481
 IDC IV 08 16 55 16.5-3.7 11.81S 166.50E 92-30 4.0,3.8
 NEIC IV 08 16 55 16.6-1.8 11.80S 166.49E 94-14 4.3b,3.8

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=28.5km s-min=20.1km az=127.3.
 IDC Error ellipse: s-maj=34.1km s-min=27.7km az=115.0.
 NEIC Event type se. Error ellipse: s-maj=20.8km s-min=15.5km az=62.0.
 IDC IV 21 22 01 58.9-5.5 12.40S 166.56E 105-49 4.1,3.9

ISC 19597663
 IDC Error ellipse: s-maj=36.0km s-min=29.1km az=107.0.
 IDC IV 23 05 56 32.2-12 11.19S 166.40E 124-126 3.9,3.7L

ISC 19597764
 IDC Error ellipse: s-maj=102.2km s-min=31.6km az=149.0.
 IDC VI 22 22 38 07.1-9.2 12.33S 166.97E 0 4.0,3.9b

ISC 19600323
 IDC Error ellipse: s-maj=281.1km s-min=54.4km az=126.0.
 ISC III 22 04 09 20.4-3.8 11.8S-20 166.7E-20 181-37 3.7b 13 10-123
 IDC III 22 04 09 18.5-5.0 11.70S 166.66E 162-47 3.9,3.7 10608214
 NEIC III 22 04 09 20.9-2.6 11.73S 166.63E 184-25 3.9b,3.7
 ISCJB III 22 04 09 21.6-3.5 11.9S-10 166.6E-20 204-33 3.6b,3.7

ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.
 ISC III 02 13 55 47.9-2.0 10.6S-10 165.8E-10 165-17 3.8b 14 6-95
 NEIC III 02 13 55 47.2-1.4 10.58S 165.76E 157-12 4.2b 10595816
 IDC III 02 13 55 48.0-2.0 10.7S-10 165.8E-10 180-17 3.8b
 IDC III 02 13 55 48.1-3.0 10.67S 165.79E 167-26 4.0,3.7

ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=13.2km s-min=11.7km az=151.0.
 ISCJB Event type se. Error ellipse: s-maj=20.4km s-min=16.7km az=70.1.
 IDC Error ellipse: s-maj=24.7km s-min=20.4km az=131.0.
 ISC III 06 17 47 58.3-2.3 10.8S-10 166.1E-20 192-18 3.7b 13 6-116
 IDC III 06 17 47 58.9-3.1 10.76S 166.04E 200-27 4.1,3.6 10598551
 ISCJB III 06 17 47 59.3-2.2 10.8S-10 165.9E-20 215-18 3.7b,3.6
 NEIC III 06 17 47 59.5-1.5 10.71S 166.01E 206-13 4.2b,3.6

ISC Event type se.
 IDC Error ellipse: s-maj=25.8km s-min=18.8km az=56.0.
 ISCJB Event type se. Error ellipse: s-maj=28.2km s-min=13.1km az=126.5.
 NEIC Event type se. Error ellipse: s-maj=17.6km s-min=11.5km az=58.0.
 ISC III 10 10 40 46.6-1.9 11.43S-09 166.5E-10 186-15 4.1b 17 7-122
 ISCJB III 10 10 40 46.0-2.0 11.40S-09 166.3E-10 195-17 4.0b 10601043
 NEIC III 10 10 40 46.0-1.6 11.35S 166.38E 181-14 4.2b
 IDC III 10 10 40 46.5-2.6 11.39S 166.42E 184-22 4.3,3.9

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=22.5km s-min=12.3km az=130.5.
 NEIC Event type se. Error ellipse: s-maj=15.6km s-min=11.2km az=62.0.
 IDC Error ellipse: s-maj=21.1km s-min=13.4km az=62.0.
 IDC II 14 09 44 34.9-3.2 12.79S 166.67E 100-30 4.1,3.9

ISC 19570813
 IDC Error ellipse: s-maj=25.7km s-min=22.3km az=13.0.
 ISC IV 18 20 27 40.5-2.3 12.6S-10 166.3E-10 37-19 4.0s,3.9b 10 7-118
 ISCJB IV 18 20 27 38.2-9.3 12.7S-10 166.2E-10 33 4.0s,3.9b 19595173
 IDC IV 18 20 27 39.6-7.9 12.65S 166.36E 32-57 4.6L,4.0

ISCJB Error ellipse: s-maj=18.4km s-min=11.0km az=98.8.
 IDC Error ellipse: s-maj=35.0km s-min=26.5km az=92.0.
 ISC IV 19 03 02 48.6-2.2 12.6S-10 166.0E-20 46-19 4.0s,3.9b 9 7-118
 ISCJB IV 19 03 02 46.4-2.7 12.7S-10 165.9E-20 41-23 4.0s,3.9b 19597483
 IDC IV 19 03 02 49.0-3.9 12.64S 165.97E 53-33 4.3L,4.0

ISCJB Error ellipse: s-maj=31.5km s-min=18.1km az=144.4.
 IDC Error ellipse: s-maj=34.9km s-min=24.6km az=106.0.
 IDC III 08 11 55 03.3-8.6 11.36S 166.04E 90-66 4.5L,3.9

ISC 10599635
 IDC Error ellipse: s-maj=88.2km s-min=24.1km az=126.0.
 IDC III 25 11 20 10.5-3.2 12.15S 167.11E 0 4.0,3.8b

ISC 10610287
 IDC Error ellipse: s-maj=152.9km s-min=27.0km az=141.0.
 IDC III 28 19 08 51.8-2.0 11.81S 166.80E 0 4.2,4.0

Error ellipse: s-maj=89.2km s-min=23.1km az=136.0.
 IDC VI 30 04 02 12.4-14 10.39S 166.68E 0 4.3,4.3L 10612480

ISC Error ellipse: s-maj=237.1km s-min=53.8km az=52.0.
 IDC VI 30 18 46 52.4-2.8 10.6S-20 166.0E-20 192-19 3.7b 12 6-116
 ISCJB VI 30 18 46 48.2-1.4 10.7S-10 166.0E-20 164 3.8b 19222894
 NEIC VI 30 18 46 49.5-1.2 10.53S 166.10E 164 3.8b
 IDC VI 30 18 46 52.8-3.5 10.69S 165.92E 186-27 4.1,3.6

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=27.9km s-min=12.2km az=131.9.
 NEIC Event type se. Error ellipse: s-maj=26.1km s-min=15.7km az=47.0.
 IDC Error ellipse: s-maj=33.3km s-min=18.8km az=47.0.
 ISC VI 13 01 34 59.4-1.6 12.2S-20 166.8E-20 35 4.0b,3.2s 10 7-95
 IDC VI 13 01 34 53.9-6.5 12.19S 166.87E 0 4.1,4.1b 19221902
 NEIC VI 13 01 34 55.5-1.1 12.17S 166.85E 10 4.0b,4.1b
 ISCJB VI 13 01 34 58.1-1.6 12.3S-20 166.7E-20 33 4.0b,3.2s

ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.
 IDC VI 21 14 48 44.9-2.7 12.3S-10 166.9E-10 260-26 3.9b 22 10-152
 ISCJB VI 21 14 48 43.4-2.7 12.3S-10 166.8E-10 258-25 3.9b 18495719
 BJI VI 21 14 48 43.0 12.30S 166.80E 247 4.8b,4.4b
 NEIC VI 21 14 48 43.6-1.8 12.27S 166.85E 247-17 4.0b,4.4b
 IDC VI 21 14 48 43.6-4.0 12.30S 166.86E 248-37 4.1,3.8

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=21.7km s-min=17.9km az=35.4.
 NEIC Event type se. Error ellipse: s-maj=14.1km s-min=11.2km az=112.0.
 IDC Error ellipse: s-maj=22.8km s-min=17.9km az=86.0.
 ISC VI 25 14 01 18.2-1.7 11.51S-07 166.37E-10 65-14 4.5b 40 7-165
 ISCJB VI 25 14 01 16.6-2.2 11.57S-07 166.3E-10 64-18 4.6b 18650754
 BJI VI 25 14 01 16.0 11.40S 166.30E 70 4.8b,4.5b
 IDC VI 25 14 01 16.9-3.2 11.46S 166.34E 55-26 4.4,4.3
 HRVD VI 25 14 01 18.8-5.0 11.45S 166.14E 53-1 4.9W,4.3
 NEIC VI 25 14 01 18.8-1.2 11.43S 166.30E 70-10 4.5b,4.3

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=17.0km s-min=10.5km az=146.0.
 IDC Error ellipse: s-maj=27.5km s-min=19.4km az=102.0.
 HRVD Error ellipse: s-maj=3.3km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s35,c42; Mantle waves: s35,c44; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr:2.87±.16 Mw:0.20±.11; Mw:2.67±.10; Mw:0.47±.09; Mw:0.26±.08; Mw:0.44±.10;
 Best double couple: NP1:0.181,0.0000°; 841,00000°; 102,00000°. NP2:0.346,0.0000°; 850,00000°; 180,00000°. Principal axes: T 2.9690,Plg81,0000°; Azm206,0000°; N -0.2290,Plg8,0000°; Azm352,0000°; P -2.7400,Plg5,0000°; Azm83,0000°; M2.85500×10¹⁶

NEIC Event type se. Error ellipse: s-maj=9.7km s-min=8.5km az=87.0.
 IDC VI 07 14 01 38.8-3.2 10.5S-20 166.7E-20 64-20 4.1b 11 7-94
 ISCJB VI 07 14 01 37.2-3.9 10.5S-20 166.6E-30 63-25 4.1b 19221574
 NEIC VI 07 14 01 39.0-2.6 10.50S 166.71E 69-16 4.4b
 IDC VI 07 14 01 38.5-5.4 10.50S 166.71E 64-37 4.2,4.0

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=49.8km s-min=21.8km az=111.8.
 IDC Error ellipse: s-maj=32.5km s-min=16.4km az=55.0.
 HRVD Error ellipse: s-maj=54.0km s-min=37.2km az=71.0.
 IDC VI 14 14 07 48.3-1.5 12.79S-06 166.52E-08 35-12 4.9b,4.1s 90 5-170
 LDG VI 14 14 07 42.8-6.5 12.84S 166.52E 10-0 5.2b,4.2s 18481037
 ISCJB VI 14 14 07 43.6-2.9 12.80S-06 166.44E-07 15-20 4.9b,4.1s
 MOS VI 14 14 07 46.0-9.8 12.76S 166.48E 33 5.0b,4.1s
 BJI VI 14 14 07 46.4 12.62S 166.95E 46 5.1b,5.0b
 IDC VI 14 14 07 48.9-3.0 12.84S 166.46E 42-26 4.6L,4.5
 NEIC VI 14 14 07 49.0-1.6 12.78S 166.53E 48-13 4.8b,4.6s

ISC Event type ke.
 LDG Event type ke. Error ellipse: s-maj=62.7km s-min=38.0km az=179.0.
 ISCJB Event type ke. Error ellipse: s-maj=12.7km s-min=9.0km az=114.3.
 MOS Error ellipse: s-maj=13.8km s-min=10.3km az=125.9.
 IDC Error ellipse: s-maj=19.7km s-min=14.0km az=76.0.
 NEIC Event type se. Error ellipse: s-maj=12.7km s-min=8.6km az=78.0.
 ISC VI 29 01 00 57.2-1.5 11.57S-06 166.48E-07 49-13 4.7b,3.6s 61 7-170
 ISCJB VI 29 01 00 56.2-1.9 11.54S-06 166.39E-07 55-15 4.7b,3.6s 18650878
 BJI VI 29 01 00 56.7 11.50S 166.50E 57 4.9b,4.8b
 MOS VI 29 01 00 56.7-7.6 11.47S 166.44E 63 5.0b,4.8b
 NEIC VI 29 01 00 57.7-3.0 11.47S 166.45E 58 4.7b,4.8b
 IDC VI 29 01 00 58.0-9.1 11.48S 166.41E 60-7 4.6,4.4

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.1km s-min=9.5km az=104.5.
 IDC Error ellipse: s-maj=17.1km s-min=11.8km az=171.4.
 MOS Event type se. Error ellipse: s-maj=7.7km s-min=7.0km az=135.0.
 NEIC Error ellipse: s-maj=16.5km s-min=16.0km az=72.0.
 IDC VI 04 03 03 20.7-3.0 11.68S 165.97E 0 4.1,4.0

ISC 19599776
 IDC Error ellipse: s-maj=66.7km s-min=36.1km az=93.0.
 ISC IV 11 16 03 20.1-1.5 11.94S-08 166.37E-09 82-11 4.1b 26 6-117
 ISCJB IV 11 16 03 18.8-1.7 12.00S-08 166.28E-09 85-14 4.1b 19594659
 IDC IV 11 16 03 19.4-3.0 11.96S 166.37E 76-25 4.3,4.1
 NEIC IV 11 16 03 20.1-1.2 12.01S 166.37E 82-10 4.3b,4.1

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=18.1km s-min=8.5km az=104.7.
 IDC Error ellipse: s-maj=21.8km s-min=15.6km az=60.0.
 NEIC Event type se. Error ellipse: s-maj=12.0km s-min=8.5km az=55.0.
 IDC II 01 14 48 09.0-2.5 11.87S 166.84E 0 3.9,3.6b

ISC 19569398
 IDC Error ellipse: s-maj=121.3km s-min=29.4km az=135.0.
 ISC II 01 17 56 18.2-1.1 12.8S-10 166.8E-20 250 3.5b 10 9-95
 IDC II 01 17 56 16.9-1.0 12.66S 166.77E 234-125 3.7,3.3 19569410
 ISCJB II 01 17 56 17.2-1.1 12.7S-10 166.8E-20 250 3.4b,3.3
 NEIC II 01 17 56 18.2-7.3 12.76S 166.79E 250 3.8b,3.3

ISC Event type se.
 IDC Error ellipse: s-maj=108.8km s-min=28.7km az=159.0.
 ISCJB Event type se. Error ellipse: s-maj=28.5km s-min=17.2km az=23.6.
 NEIC Event type se. Error ellipse: s-maj=18.6km s-min=11.9km az=109.0.
 IDC II 04 09 02 52.3-5.4 12.50S 167.70E 0 3.8,3.6

ISC 19569791
 IDC Error ellipse: s-maj=269.3km s-min=31.5km az=141.0.
 ISC II 07 09 10 27.5-1.5 11.89S-05 166.42E-08 51-13 5.1b,4.2s 79 6-165
 MOS II 07 09 10 23.3-8.9 11.87S 166.44E 33 5.4b,4.2s 18083697
 ISCJB II 07 09 10 25.4-2.0 11.88S-06 166.34E-08 47-16 5.1b,4.2s
 NEIC II 07 09 10 27.6-2.4 11.84S 166.42E 57 5.0b,4.2s
 HRVD II 07 09 10 27.6-4.0 12.02S 166.20E 50-1 5.1W,4.2s
 IDC II 07 09 10 28.5-3.0 11.86S 166.37E 65-26 4.8,4.6
 BJI II 07 09 10 31.4 11.15S 166.14E 67 5.4s,5.3b

ISC Event type se.
 MOS Error ellipse: s-maj=14.3km s-min=11.0km az=4.8.
 ISCJB Event type se. Error ellipse: s-maj=13.2km s-min=8.8km az=142.2.
 NEIC Event type se. Error ellipse: s-maj=7.0km s-min=6.2km az=95.0.
 HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s56,c74; Mantle waves: s57,c83; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr:5.92±.26 Mw:0.72±.18; Mw:5.19±.17; Mw:0.20±.16; Mw:0.81±.18; Mw:0.74±.18;
 Best double couple: NP1:0.171,0.0000°; 841,00000°; 91,00000°. NP2:0.349,0.0000°; 849,00000°; 189,00000°. Principal axes: T 5.9730,Plg86,0000°; Azm252,0000°; N -0.5810,Plg1,0000°; Azm350,0000°; P -5.3830,Plg4,0000°; Azm80,0000°; M5.67800×10¹⁶

ISCJB Error ellipse: s-maj=18.4km s-min=14.1km az=81.0.
 IDC II 08 09 06 40.4-9.0 11.69S 166.13E 0 3.9,3.3s

ISC 19570225
 IDC Error ellipse: s-maj=273.0km s-min=54.7km az=125.0.
 IDC II 08 09 23 16.4-1.7 11.49S 165.94E 0 3.9,3.8

ISC 19570227
 IDC Error ellipse: s-maj=51.0km s-min=28.7km az=119.0.
 ISC II 09 04 53 02.7-1.3 12.33S-10 166.1E-20 35 4.0b,3.3s 10 10-165
 IDC II 09 04 52 56.1-1.2 11.96S 166.04E 0 4.5L,4.3 19570288
 ISCJB II 09 04 52 59.9-1.2 12.43S-07 166.1E-20 33 4.0b,3.3s

NEIC	II	09 04 53 01.3-94	12.09S	166.08E	35	4.4b,3.3s			
ISC		Event type se.							
IDC		Error ellipse: s-maj=48.8km s-min=25.6km az=129.0.							
ISCJB		Event type se. Error ellipse: s-maj=24.2km s-min=10.1km az=163.7.							
NEIC		Event type se. Error ellipse: s-maj=25.5km s-min=18.0km az=116.0.							
ISC	II	29 02 39 49.9-1.8	12.35S	167.25E	35	3.8b,3.5s	7	22-95	
IDC	II	28 02 39 44.7-2.1	12.28S	167.11E	0	4.1,3.9b		19580042	
ISCJB	II	28 02 39 48.2-1.8	12.35S	167.1E	50	3.3,3.8b,3.5s			
NEIC	II	28 02 39 50.1-1.6	12.26S	167.10E	35	3.8b,3.5s			
ISC		Event type se.							
IDC		Error ellipse: s-maj=116.2km s-min=28.4km az=137.0.							
ISCJB		Event type se. Error ellipse: s-maj=97.6km s-min=20.0km az=97.1.							
NEIC		Event type se. Error ellipse: s-maj=87.5km s-min=18.0km az=139.0.							
ISC	V	25 16 38 02.4-26	11.66S	166.43E	50	5.0b,4.4s	145	7-170	
MOS	V	25 16 37 58.3-1.3	11.56S	166.31E	33	5.2b,4.4s		18440549	
IDC	V	25 16 37 59.1-2.6	11.52S	166.48E	31	4.8,4.4b			
BJI	V	25 16 38 00.3	11.40S	166.66E	53	5.1b,5.1b			
ISCJB	V	25 16 38 00.4-26	11.65S	166.32E	05	4.8,5.0b,4.4s			
HRVD	V	25 16 38 01.9-20	11.70S	166.16E	55	5.3W,4.4s			
NEIC	V	25 16 38 01.9-29	11.56S	166.35E	48	5.1b,4.4s			
ISC		Event type se.							
MOS		Error ellipse: s-maj=9.9km s-min=9.0km az=138.8.							
IDC		Error ellipse: s-maj=18.8km s-min=13.8km az=113.0.							
ISCJB		Event type se. Error ellipse: s-maj=6.7km s-min=5.7km az=168.8.							
HRVD		Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s89,c142; Mantle waves: s84,c154; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr=0.98±0.02 Mm=0.01±0.01; Mw=0.97±0.01; Mw=0.06±0.01; Mw=0.17±0.01; Mw=0.27±0.01; Best double couple: NP1:φ=171.00000°,λ=37.00000°,λ=91.00000°; NP2:φ=349.00000°,λ=85.00000°,λ=89.00000°. Principal axes: T 1.0160,Plg82.0000°,Az=254.0000°; N 0.0230,Plg1.0000°,Az=350.0000°; P -1.0390,Plg8.0000°,Az=80.0000° Mo1.02800×10 ¹⁷ ; Mo2.53400×10 ¹⁶							
NEIC		Event type se. Error ellipse: s-maj=8.9km s-min=6.4km az=117.0.							
ISC	V	25 14 34 39.8-23	11.21S	166.42E	05	4.5	145	7-165	
MOS	V	25 14 34 35.7-89	11.06S	166.34E	122	4.7b		110698620	
BJI	V	25 14 34 36.8	11.32S	166.71E	149	5.0b,4.7b			
ISCJB	V	25 14 34 38.0-23	11.20S	166.36E	05	4.3,4.7b,4.7b			
NEIC	V	25 14 34 39.5-17	11.13S	166.39E	146	4.7b,4.7b			
IDC	V	25 14 34 39.1-65	11.18S	166.44E	143	4.8,4.4			
HRVD	V	25 14 34 39.5-40	11.09S	166.30E	147	4.9W,4.4			
ISC		Event type se.							
MOS		Error ellipse: s-maj=11.9km s-min=9.2km az=137.2.							
ISCJB		Event type se. Error ellipse: s-maj=7.1km s-min=5.2km az=45.6.							
NEIC		Event type se. Error ellipse: s-maj=6.9km s-min=4.3km az=133.0.							
IDC		Error ellipse: s-maj=13.7km s-min=9.8km az=111.0.							
HRVD		Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s17,c20; Mantle waves: s60,c80; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=2.18±0.11 Mw=0.97±0.15; Mw=0.01±0.12; Mw=0.13±0.15; Mw=0.13±0.10; Best double couple: NP1:φ=66.00000°,λ=39.00000°,λ=120.00000°; NP2:φ=209.00000°,λ=87.00000°,λ=68.00000°. Principal axes: T 2.5870,Plg69.0000°,Az=72.0000°; N -0.0480,Plg18.0000°,Az=221.0000°; P -2.5390,Plg10.0000°,Az=315.0000° Mo1.256300×10 ¹⁶							
IDC	V	02 11 16 22.8-3.8	12.77S	166.49E	73-34	3.9,3.8L		19598371	
IDC		Error ellipse: s-maj=38.3km s-min=19.4km az=61.0.							
IDC	V	04 15 45 31.0-8.1	12.63S	166.05E	60-61	4.5L,4.1		19598469	
IDC		Error ellipse: s-maj=54.4km s-min=37.1km az=117.0.							
ISC	V	09 17 18 29.6-6.3	12.55S	167.4E	40	168-48	3.9b	12	8-147
ISCJB	V	09 17 18 28.7-6.8	12.65S	167.4E	40	171-52	3.9b		18338689
NEIC	V	09 17 18 30.4-4.5	12.45S	167.41E	180-34	4.2b			
IDC	V	09 17 18 35.6-11	12.61S	167.32E	223-106	4.1,3.7			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=79.1km s-min=22.5km az=73.4.							
NEIC		Event type se. Error ellipse: s-maj=48.8km s-min=13.6km az=124.0.							
IDC		Error ellipse: s-maj=69.7km s-min=39.8km az=138.0.							
ISC	V	15 00 37 48.9-1.7	11.71S	166.7E	10	245-16	4.2b	31	7-151
LDG	V	15 00 37 47.7-82	12.17S	167.15E	10	4.7b		18339009	
IDC	V	15 00 37 49.2-1	11.65S	166.68E	239-19	4.5,4.0			
ISCJB	V	15 00 37 48.7-1.6	11.75S	166.7E	10	258-15	4.2b,4.0		
NEIC	V	15 00 37 49.8-2.0	11.64S	166.70E	264-17	4.3b,4.0			
BJI	V	15 00 37 49.9	11.49S	166.84E	263	4.7b,4.6b			
ISC		Event type se.							
LDG		Event type ke. Error ellipse: s-maj=80.6km s-min=45.0km az=2.0.							
IDC		Error ellipse: s-maj=18.3km s-min=13.6km az=80.0.							
ISCJB		Event type ke. Error ellipse: s-maj=18.2km s-min=9.8km az=136.8.							
NEIC		Event type se. Error ellipse: s-maj=19.1km s-min=12.8km az=70.0.							
IDC	I	07 15 41 40.9-1.5	11.47S	167.83E	0	4.0,3.8		19478630	
IDC		Error ellipse: s-maj=96.8km s-min=24.9km az=139.0.							
ISC	I	16 17 45 43.1-3.7	13.05S	167.0E	10	265-38	3.7b	19	9-118
IDC	I	16 17 45 41.0-4.2	12.83S	166.91E	241-40	4.0,3.7		19482107	
NEIC	I	16 17 45 41.7-3.0	12.79S	166.91E	250-31	4.1b,3.7			
ISCJB	I	16 17 45 43.1-3.5	12.95S	166.9E	10	277-35	3.7b,3.7		
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	I	16 23 22 16.7-2.0	10.85S	166.2E	10	82-18	3.9b	13	6-116
ISCJB	I	16 23 22 15.6-2.5	10.90S	166.2E	10	85-22	3.9b		19482188
NEIC	I	16 23 22 16.6-1.7	10.91S	166.23E	84-14	4.5b			
IDC	I	16 23 22 17.4-3.7	10.92S	166.16E	91-35	4.1,4.0			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=23.7km s-min=13.1km az=139.0.							
NEIC		Event type se. Error ellipse: s-maj=16.8km s-min=15.1km az=50.0.							
IDC		Error ellipse: s-maj=29.7km s-min=28.1km az=37.0.							
ISC	I	27 01 00 51.4-1.9	12.41S	166.7E	10	105-14	4.3b	30	7-165
ISCJB	I	27 01 00 50.8-2.2	12.49S	166.6E	10	112-17	4.4b		19486627
IDC	I	27 01 00 51.7-3.3	12.36S	166.65E	109-27	4.4,4.1			
NEIC	I	27 01 00 52.3-1.2	12.40S	166.71E	116-9	4.1b,4.1			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=23.4km s-min=9.5km az=126.2.							
IDC		Error ellipse: s-maj=26.2km s-min=15.6km az=69.0.							
NEIC		Event type se. Error ellipse: s-maj=12.3km s-min=7.7km az=71.0.							
IDC	I	02 22 07 17.1-7.7	12.22S	166.75E	259-84	4.0,3.5		19476835	
IDC		Error ellipse: s-maj=62.2km s-min=34.9km az=163.0.							
IDC	I	11 13 34 27.4-3.0	12.18S	166.53E	207-25	4.1,3.6		19480340	
IDC		Error ellipse: s-maj=31.1km s-min=15.5km az=68.0.							
ISC	I	07 08 49 54.8-4.0	12.55S	167.1E	20	203-32	3.8b	18	8-152
IDC	I	07 08 49 52.0-8.6	12.52S	167.21E	178-75	4.1,4.0		19478533	
ISCJB	I	07 08 49 54.1-4.0	12.65S	167.1E	20	210-32	3.8b,4.0		
NEIC	I	07 08 49 55.8-3.8	12.45S	167.10E	221-29	4.0b,4.0			
ISC		Event type se.							
IDC		Error ellipse: s-maj=42.3km s-min=30.1km az=121.0.							
ISCJB		Event type se. Error ellipse: s-maj=44.5km s-min=18.7km az=85.0.							
NEIC		Event type se. Error ellipse: s-maj=38.9km s-min=16.6km az=129.0.							
ISC	I	10 17 48 49.7-1.3	12.31S	166.91E	08	222-13	4.2b	36	7-166
BJI	I	10 17 48 48.9	12.30S	166.90E	200	5.0b,4.5b		18029990	
LDG	I	10 17 48 48.6-36	12.22S	166.57E	210	4.2b,4.5b			
ISCJB	I	10 17 48 49.4-1.4	12.29S	166.85E	08	232-13	4.2b,4.5b		
NEIC	I	10 17 48 49.9-1.2	12.30S	166.87E	228	4.5b,4.5b			
IDC	I	10 17 48 50.9-2.3	12.31S	166.88E	232-22	4.4,4.0			
ISC		Event type se.							
LDG		Event type ke. Error ellipse: s-maj=47.4km s-min=10.6km az=83.0.							
ISCJB		Event type ke. Error ellipse: s-maj=13.3km s-min=9.9km az=158.3.							
NEIC		Event type se. Error ellipse: s-maj=11.2km s-min=9.4km az=77.0.							
IDC		Error ellipse: s-maj=15.0km s-min=12.5km az=133.0.							
IDC	I	28 11 25 51.4-3.3	11.97S	166.54E	172-29	4.1,3.7		19487094	
NEIC	I	28 11 25 52.0-1.8	11.96S	166.50E	180-16	4.1,3.7			
IDC		Error ellipse: s-maj=28.5km s-min=18.2km az=84.0.							

NEIC		Event type se. Error ellipse: s-maj=22.9km s-min=12.9km az=72.0.									
ISC	V	31 11 39 37.5-38	11.74S	165.85E	05	165.85E	06	46	4.8b,4.2s	87	6-164
IDC	V	31 11 39 30.4-61	11.55S	165.87E	0	4.6,4.6			18443065		
MOS	V	31 11 39 34.6-1.1	11.65S	165.81E	33	5.1b,4.6					
BJI	V	31 11 39 35.3	11.13S	165.85E	19	4.9b,4.9b					
ISCJB	V	31 11 39 35.5-37	11.77S	165.78E	06	43	4.8b,4.2s				
NEIC	V	31 11 39 37.4-41	11.67S	165.82E	47	4.8b,4.2s					
HRVD	V	31 11 39 37.4-40	11.73S	165.77E	22-1	4.9W,4.2s					
ISC		Event type se.									
IDC		Error ellipse: s-maj=19.6km s-min=16.2km az=121.0.									
MOS		Error ellipse: s-maj=13.4km s-min=10.1km az=18.9.									
ISCJB		Event type se. Error ellipse: s-maj=8.6km s-min=7.3km az=142.1.									
NEIC		Event type se. Error ellipse: s-maj=10.7km s-min=8.4km az=109.0.									
HRVD		Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s17,c24; Mantle waves: s58,c85; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=1.23±0.17 Mw=2.09±0.11; Mw=0.85±0.10; Mw=0.59±0.16; Mw=0.14±0.07; Mw=0.17±0.26; Best double couple: NP1:φ=56.00000°,λ=248.00000°,λ=149.00000°; NP2:φ=304.00000°,λ=68.00000°,λ=47.00000°. Principal axes: T 2.2060,Plg12.0000°,Az=4.0000°; N 0.6570,Plg39.0000°,Az=104.0000°; P -2.8620,Plg48.0000°,Az=261.0000° Mo1.53400×10 ¹⁶									
IDC	VI	26 08 24 34.1-3.3	11.36S	165.69E	0	4.0,3.9L		19600464			
IDC		Error ellipse: s-maj=67.3km s-min=43.4km az=81.0.									
ISC	IV	05 19 43 39.3-76	11.62S	166.2E	10	10	4.4b	17	6-117		
ISCJB	IV	05 19 43 37.7-73	11.72S	166.0E	10	4.4b		18564314			
BJI	IV	05 19 43 37.4	11.60S	166.30E	10	5.2b,5.0b					
NEIC	IV	05 19 43 38.4-74	11.60S	166.27E	10	4.7b,5.0b					
IDC	IV	05 19 43 42.4-5.3	11.64S	166.14E	37-42	4.2,4.1L					
ISC		Event type se.									
ISCJB		Event type se. Error ellipse: s-maj=15.9km s-min=10.7km az=90.2.									
NEIC		Event type se. Error ellipse: s-maj=16.6km s-min=13.7km az=74.0.									
IDC		Error ellipse: s-maj=34.0km s-min=31.6km az=115.0.									
ISC	IV	03 19 12 47.2-20	10.92S	166.02E	04	50	5.0b,4.7s	170	6-170		
IDC	IV	03 19 12 41.5-2.8	10.85S	165.93E	12-16	4.9,4.9		110697517			
MOS	IV	03 19 12 43.9-1.7	10.79S	165.94E	33	5.1b,4.7s					
BJI	IV	03 19 12 45.0	10.59S	166.14E	44	4.2b,5.0s					
ISCJB	IV	03 19 12 45.2-20	10.93S	165.97E	04	48	5.0b,4.7s				
CRAAG	IV	03 19 12 46.7	10.88S	165.88E	50	5.0b,4.7s					
NEIC	IV	03 19 12 47.3-19	10.85S	165.93E	50	5.0b,4.7s					
HRVD	IV	03 19 12 47.3-10	10.92S	165.80E	49-0	5.5W,4.7s					
ISC		Event type se.									
IDC		Error ellipse: s-maj=19.8km s-min=13.4km az=106.0.									
MOS		Error ellipse: s-maj=9.5km s-min=8.7km az=81.3.									
ISCJB											

848.00000°; λ-85.00000°. Principal axes: T 0.8090,Plg3.0000°; Azm350.0000°; N-0.0360,Plg4.0000°,Azm80.0000°; P-0.7730,Plg86.0000°,Azm225.0000°; Mo0.79100x1018

ISCJB Event type se. Error ellipse: s-maj=6.4km s-min=4.8km az=161.6.

MOS Error ellipse: s-maj=8.9km s-min=8.0km az=138.3.

IDC Error ellipse: s-maj=16.3km s-min=13.6km az=150.0.

IDC III 19 18 16 21.9-12 15.58S 164.91E 0 4.2,4.0b ¶10606706

IDC Error ellipse: s-maj=217.0km s-min=34.1km az=50.0.

IDC VI 09 16 54 52.6-9.4 14.74S 170.73E 639-40 4.3,3.3 ¶19599923

IDC Error ellipse: s-maj=128.0km s-min=56.7km az=63.0.

IDC II 13 02 09 49.8-5.9 13.71S 170.23E 0 4.0,3.8b ¶19570660

IDC Error ellipse: s-maj=160.0km s-min=45.4km az=118.0.

IDC II 17 03 15 53.8-9.7 20.83S 172.84E 45-64 3.8,3.8 ¶19571148

IDC Error ellipse: s-maj=129.9km s-min=71.6km az=168.0.

ISC II 23 07 58 22.4-1.4 14.7S-20 170.3E-20 630-18 3.6b 15 8-121 ¶19579410

ISCJB II 23 07 58 22.4-1.4 14.8S-20 170.2E-20 648-20 3.6b

IDC II 23 07 58 22.1-2.5 14.79S 170.35E 630-32 4.2,3.4

NEIC II 23 07 58 22.5-1.0 14.71S 170.27E 632-14 4.1b,3.4

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=27.1km s-min=23.7km az=101.7.

IDC Error ellipse: s-maj=33.2km s-min=22.2km az=136.0.

NEIC Event type se. Error ellipse: s-maj=20.0km s-min=16.9km az=133.0.

IDC II 24 04 51 59.5-17 13.14S 164.17E 0 4.3,4.1b ¶19579545

IDC Error ellipse: s-maj=311.5km s-min=44.4km az=44.0.

IDC IV 05 02 54 52.8-6.3 13.29S 172.40E 0 4.5,4.3b ¶19594280

IDC Error ellipse: s-maj=360.1km s-min=31.3km az=141.0.

IDC IV 23 20 13 04.1-8.6 13.79S 172.50E 0 4.0,3.7b ¶19597804

IDC Error ellipse: s-maj=492.3km s-min=33.6km az=142.0.

ISC II 27 15 23 20.2-1.1 14.5S-40 170.7E-40 622-36 4.1b 11 9-121 ¶19579989

ISCJB II 27 15 23 19.5-1.2 14.4S-40 170.5E-40 622-40 4.1b

NEIC II 27 15 23 19.8-1.1 14.39S 170.59E 607-26 4.3b

IDC II 27 15 23 21.7-2.1 14.56S 170.43E 623-26 4.3,3.4

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=82.9km s-min=17.3km az=102.8.

NEIC Event type se. Error ellipse: s-maj=66.8km s-min=15.2km az=143.0.

IDC Error ellipse: s-maj=57.9km s-min=21.3km az=148.0.

ISC II 28 11 28 09.4-1.6 19.5S-10 167.9E-40 35 3.9b 9 2-91 ¶19580085

ISCJB II 28 11 28 08.4-1.5 19.5S-10 167.9E-40 33 3.9b

IDC II 28 11 28 12.1-5.4 21.50S 169.21E 120-28 3.9,3.8

ISCJB Error ellipse: s-maj=50.7km s-min=7.2km az=40.0.

IDC Error ellipse: s-maj=125.9km s-min=33.3km az=153.0.

ISC V 28 18 47 30.9-1.5 13.6S-10 172.5E-10 627-18 3.9b 20 10-147 ¶18440705

IDC V 28 18 47 28.6-3.3 13.62S 172.63E 598-36 4.4,3.5

NEIC V 28 18 47 29.2-1.3 13.60S 172.58E 603-13 4.3b,3.5

ISCJB V 28 18 47 31.2-1.4 13.7S-10 172.4E-10 648-18 3.8b,3.5

ISC Event type se.

NEIC Event type se.

ISCJB Event type se.

IDC V 26 20 56 28.1-18 19.88S 171.65E 0 4.3,4.1 ¶19599431

IDC Error ellipse: s-maj=309.7km s-min=106.6km az=75.0.

IDC V 29 17 11 15.8-8.9 19.61S 171.52E 232-47 4.4,3.9 ¶19599550

IDC Error ellipse: s-maj=89.7km s-min=79.4km az=113.0.

ISC V 30 23 07 34.6-10 14.1S-10 170.9E-10 9-63 4.3b,3.6s 21 9-94 ¶18649845

IDC V 30 23 07 33.2-2.2 14.02S 170.74E 0 4.2,4.1

ISCJB V 30 23 07 36.1-5.6 14.12S-10 170.8E-10 30 4.3b,3.6s

NEIC V 30 23 07 37.6-4.3 14.04S 170.80E 30 4.7b,3.6s

ISC Event type se.

IDC Error ellipse: s-maj=65.3km s-min=24.3km az=126.0.

ISCJB Event type se. Error ellipse: s-maj=17.5km s-min=11.8km az=73.5.

NEIC Event type se. Error ellipse: s-maj=13.5km s-min=9.2km az=128.0.

IDC I 20 17 56 35.0-3.1 21.61S 174.00E 0 4.4,4.2b ¶19484207

IDC Error ellipse: s-maj=91.8km s-min=33.2km az=142.0.

ISC I 12 21 06 25.1-4.4 19.11S-06 167.75E-09 3-27 4.7b,4.0s 30 2-165 ¶18035868

ISCJB I 12 21 06 24.8-3.7 19.10S-06 167.70E-09 10 4.7b,4.0s

IDC I 12 21 06 24.5-7.0 19.10S 167.50E 0 4.6,4.5b

NEIC I 12 21 06 26.2-3.8 19.11S 167.72E 10 4.8b,4.5b

LDG I 12 21 06 27.7-2.0 18.95S 166.93E 10-0 5.0b,4.5b

BJI I 12 21 06 30.2 18.36S 166.90E 10 5.2b,5.0s

ISC Event type ke.

ISCJB Event type ke. Error ellipse: s-maj=13.1km s-min=6.5km az=50.1.

IDC Error ellipse: s-maj=25.7km s-min=17.2km az=134.0.

NEIC Event type se. Error ellipse: s-maj=13.2km s-min=9.4km az=140.0.

LDG Event type ke. Error ellipse: s-maj=35.9km s-min=3.4km az=92.0.

ISC VI 26 11 53 22.2-4.6 18.6S-10 171.3E-40 201-21 3.9b 11 3-43 ¶19600466

ISCJB VI 26 11 53 20.7-4.4 18.5S-10 171.4E-30 209-21 3.9b

IDC VI 26 11 53 22.1-8.8 18.53S 171.28E 199-50 4.2,3.8

ISCJB Error ellipse: s-maj=52.3km s-min=21.3km az=168.6.

IDC Error ellipse: s-maj=87.6km s-min=70.0km az=103.0.

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ISC IV 07 12 30 26.6-9.4 14.94S-05 167.38E-06 125-8 4.8b 91 3-166 ¶18228913

LDG IV 07 12 30 13.7-3.1 14.15S 167.31E 10-0 5.1b

ISCJB IV 07 12 30 25.5-1.0 14.95S-05 167.30E-06 128-9 4.8b

NEIC IV 07 12 30 26.4-1.2 14.94S 167.33E 124-10 4.8b

IDC IV 07 12 30 26.4-1.5 14.91S 167.31E 125-12 4.8,4.4

BJI IV 07 12 30 26.3 14.90S 167.30E 123 5.1b,4.9b

MOS IV 07 12 30 30.9-1.7 14.64S 166.91E 153 4.7b,4.9b

ISC Event type ke.

LDG Event type ke. Error ellipse: s-maj=39.0km s-min=11.9km az=90.0.

ISCJB Event type ke. Error ellipse: s-maj=10.3km s-min=7.3km az=140.7.

NEIC Event type se. Error ellipse: s-maj=8.7km s-min=7.3km az=91.0.

IDC Error ellipse: s-maj=13.5km s-min=11.3km az=44.5.

MOS Error ellipse: s-maj=13.0km s-min=9.9km az=44.5.

ISC IV 09 14 58 11.4-6.3 19.00S-06 169.43E-05 263-5 4.5b 113 2-167 ¶18228986

ISCJB IV 09 14 58 10.6-6.3 19.02S-06 169.38E-05 268-5 4.5b

MOS IV 09 14 58 12.2-1.0 18.98S 169.41E 286 4.9b

NEIC IV 09 14 58 12.2-1.0 18.97S 169.41E 272-9 4.8b

BJI IV 09 14 58 12.1 19.00S 169.40E 271 4.8b,4.7b

IDC IV 09 14 58 13.2-1.5 19.06S 169.42E 285-14 4.9,4.4

SZGRF IV 09 14 58 15.0 19.03S 170.08E 33 4.9,4.4

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=10.9km s-min=6.7km az=118.1.

MOS Error ellipse: s-maj=12.8km s-min=12.0km az=105.2.

NEIC Event type se. Error ellipse: s-maj=9.1km s-min=6.7km az=144.0.

IDC Error ellipse: s-maj=16.4km s-min=9.2km az=154.0.

SZGRF Vanuatu Islands.

ISC IV 11 10 33 23.2-3.0 13.18S-04 166.72E-06 141 4.7b 98 5-169 ¶18229042

MOS IV 11 10 33 19.3-1.0 13.08S 166.64E 117 5.0b

IDC IV 11 10 33 20.2-1.8 13.06S 166.72E 115-14 4.6,4.4

ISCJB IV 11 10 33 21.7-2.9 13.18S-04 166.63E-06 139 4.7b,4.4

NEIC IV 11 10 33 22.7-2.6 13.13S 166.70E 138 4.8b,4.4

HRVD IV 11 10 33 22.7-4.0 13.04S 166.54E 138-3 5.1W,4.4

BJI IV 11 10 33 25.6 12.39S 166.50E 140 5.0b,4.9b

ISC Event type se.

MOS Error ellipse: s-maj=12.0km s-min=10.1km az=129.4.

IDC Error ellipse: s-maj=13.8km s-min=12.0km az=79.0.

ISCJB Event type se. Error ellipse: s-maj=7.9km s-min=5.5km az=148.8.

NEIC Event type se. Error ellipse: s-maj=8.7km s-min=7.4km az=121.0.

HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s24,c27; Mantle waves: s49,c64; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr3.68±1.8 M0±0.94±2.4; M0±2.74±2.4; M0±0.05±1.7; M0±3.48±2.4; M0±1.82±1.9;

Best double couple: NP1:φ299.00000°,δ41.00000°,λ54.00000°. NP2:φ163.00000°,δ58.00000°,λ118.00000°. Principal axes: T 4.3880,Plg65.0000°; Azm124.0000°; N 1.2620,Plg23.0000°,Azm327.0000°; P -5.6510,Plg9.0000°,Azm234.0000°; Mo5.02000x1018

ISC IV 30 08 17 36.0-12 15.11S-02 167.40E-03 134 5.3b 370 3-169 ¶10698191

BJI IV 30 08 17 32.5 14.45S 167.32E 94 5.8b,5.3b

ISCJB IV 30 08 17 34.1-12 15.11S-02 167.34E-03 132 5.3b,5.3b

HRVD IV 30 08 17 34.9-10 15.13S 167.29E 130-0 6.1W,5.3b

NEIC IV 30 08 17 34.9-10 15.10S 167.44E 128 6.1W,5.4b

IDC IV 30 08 17 35.8-1.4 15.06S 167.39E 137-11 5.6,5.2

MOS IV 30 08 17 35.5-1.4 15.02S 167.39E 138 5.4b,5.3s

CRAAG IV 30 08 17 35.0 15.17S 167.37E 6.3W,5.3s

LDG IV 30 08 17 39.0-29 15.33S 166.85E 160-0 5.5b,5.2s

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=3.8km s-min=2.9km az=154.6.

HRVD Error ellipse: s-maj=0.0km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s114,c257; Mantle waves: s113,c404; Half duration: 2.57 Moment tensor: Scale 10¹⁸Nm; Mr-1.61±0.1 M0±0.12±0.1; M0±1.73±0.1; M0±0.31±0.1; M0±0.18±0.1; M0±0.03±0.1; Best double couple: NP1:φ355.00000°,δ45.00000°,λ74.00000°. NP2:φ196.00000°,δ47.00000°,λ105.00000°. Principal axes: T 1.6700,Plg79.0000°; Azm180.0000°; N 0.0760,Plg11.0000°,Azm6.0000°; P -1.7480,Plg1.0000°,Azm276.0000°; Mo1.70900x1018

NEIC Event type fe. Error ellipse: s-maj=4.8km s-min=3.9km az=99.0. Felt at Luganville. Moment Tensor Solution. Mo1.90000x10¹⁸Nm Moment Tensor Solution. s37 Moment tensor: Scale 10¹⁸ Nm; Mr 1.59 M0±0.20 M0±1.79 M0±0.32 M0±0.25 M0±0.21 Best double couple: NP1:φ198.00000°,δ50.00000°,λ105.00000°. NP2:φ356.00000°,δ42.00000°,λ73.00000°. Principal axes: T 1.6700,Plg78.0000°; Azm168.0000°; N 0.1700,Plg11.0000°,Azm8.0000°; P -1.8400,Plg4.0000°,Azm278.0000°; Mo1.80000x10¹⁸

IDC Error ellipse: s-maj=11.1km s-min=9.7km az=101.6.

MOS Error ellipse: s-maj=7.3km s-min=6.8km az=101.6.

LDG Event type ke. Error ellipse: s-maj=40.1km s-min=10.5km az=86.0.

ISC IV 12 15 44 38.4-1.1 13.1S-20 167.5E-20 35 3.8b 9 30-119 ¶19594740

IDC IV 12 15 44 32.4-1.1 13.06S 167.50E 0 4.0,3.8b

NEIC IV 12 15 44 34.2-8.8 12.96S 167.44E 10 3.7b,3.8b

ISCJB IV 12 15 44 36.7-1.1 13.1S-20 167.4E-20 33 3.8b,3.8b

ISC Event type se.

NEIC Event type se.

ISCJB Event type se.

ISC IV 14 15 52 04.0-11 16.2S-80 167.9E-60 190-62 4.3b 13 6-122 ¶19594895

NEIC IV 14 15 52 02.4-3.8 16.04S 167.89E 180-26 4.1b

IDC IV 14 15 52 02.0-2.2 16.02S 167.87E 174-212 4.5,4.2

ISCJB IV 14 15 52 04.2-11 16.2S-80 167.8E-60 203-58 4.1b,4.2

ISC Event type se.

NEIC Event type se.

ISCJB Event type se.

IDC IV 16 02 08 02.2-9.0 14.32S 167.07E 168-82 3.9,3.6 ¶19595000

IDC Error ellipse: s-maj=74.6km s-min=42.9km az=170.0.

ISC IV 16 07 32 15.3-2.7 18.6S-20 169.0E-20 222-22 3.7b 13 4-124 ¶19595011

NEIC IV 16 07 32 14.3-2.1 18.50S 169.09E 223-18 3.7b

IDC IV 16 07 32 14.4-3.5 18.49S 169.10E 223-34 4.0,3.6

ISCJB IV 16 07 32 18.2-2.9 18.9S-20 168.7E-20 248-21 3.7b,3.6

ISC Event type se.

NEIC Event type se.

ISCJB Event type se.

ISC IV 18 13 40 43.3-1.1 17.28S-06 168.96E-08 281-10 4.6b 97 ¶18320753

LDG IV 18 13 40 10.6-4.5 17.16S 168.74E 10-0 5.1b

ISCJB IV 18 13 40 43.0-1.1 17.27S-05 168.89E-07 290-9 4.6b

IDC IV 18 13 40 42.3-1.2 17.27S 168.90E 269-9 4.7,4.2

MOS IV 18 13 40 43.9-1.1 17.19S 168.90E 298 4.7b,4.2

NEIC IV 18 13 40 43.8-1.2 17.26S 168.91E 290-10 4.7b,4.2

BJI IV 18 13 40 45.2 16.63S 168.71E 277 4.9b,4.8b

ISC Event type ke.

LDG Event type ke. Error ellipse: s-maj=48.2km s-min=19.9km az=176.0.

ISCJB Event type ke. Error ellipse: s-maj=11.4km s-min=8.8km az=171.4.

IDC Error ellipse: s-maj=13.8km s-min=11.3km az=116.0.

MOS Error ellipse: s-maj=13.1km s-min=11.8km az=42.6.

NEIC Event type se. Error ellipse: s-maj=9.4km s-min=7.3km az=80.0.

ISC IV 02 03 59 24.4-1.5 14.4S-20 170.0E-10 632-20 4.2b 30 8-169 ¶18228676

BJI IV 02 03 59 22.3 13.93S 170.07E 607 4.8b,4.7b

NEIC IV 02 03 59 23.5-1.0 14.31S 169.93E 622-12 4.3b,4.7b

IDC IV 02 03 59 23.4-1.5 14.28S 169.86E 616-16 4.3,3.5

ISCJB IV 02 03 59 24.5-1.5 14.5S-20 169.8E-10 650-22 4.1b,3.5

LDG IV 02 03 59 28.1-1.3 14.60S 168.91E 660-0 4.7b,3.5

ISC Event type se.

NEIC Event type se. Error ellipse: s-maj=13.9km s-min=9.8km az=160.0.

IDC Error ellipse: s-maj=20.5km s-min=11.7km az=151.0.

ISCJB Event type ke. Error ellipse: s-maj=25.9km s-min=14.9km az=126.1.

LDG Event type ke. Error ellipse: s-maj=15.3km s-min=6.1km az=95.0.

ISC IV 02 06 17 51.1-4.5 13.8S-30 167.2E-20 269-52 3.7b 9 8-149 ¶18228680

IDC IV 02 06 17 46.5-2.9 13.57S 167.10E 219-25 4.1,3.7

ISCJB IV 02 06 17 50.6-4.7 13.7S-30 167.1E-20 272-54 3.7b,3.7

ISC IV 20 10 39 41.1-1.7 17.78S-03 168.39E-04 93 5.0b 191 0-167 ¶18320850

LDG IV 20 10 39 30.9-3.6 17.52S 168.21E 10-0 5.2b,4.1s

CSEM IV 20 10 39 32.9 18.03S 168.45E 33 5.5b,4.1s

ISCJB IV 20 10 39 39.4-1.7 17.77S-03 168.31E-04 91 5.0b,4.1s

BJI IV 20 10 39 39.1 17.56S 168.57E 89 5.4b,5.1s

IDC IV 20 10 39 40.3-1.3 17.77S 168.31E 88-10 5.0,4.8

HRVD IV 20 10 39 40.6-2.0 17.73S 168.26E 102-1 5.3W,4.8

NEIC IV 20 10 39 40.6-1.5 17.74S 168.39E 90 5.1b,4.8

MOS IV 20 10 39 43.5-1.1 17.54S 168.23E 119 5.2b,4.8

ISC Event type ke.

LDG Event type ke. Error ellipse: s-maj=40.2km s-min=23.7km az=15.0.

ISCJB Event type ke. Error ellipse: s-maj=5.6km s-min=4.2km az=162.5.

IDC Error ellipse: s-maj=12.6km s-min=9.0km az=87.0.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s75,c111; Mantle waves: s83,c140; Half duration: 1.50 Moment tensor: Scale 10¹⁷Nm; Mr-0.12±0.2 M0±0.18±0.2; M0±0.06±0.2; M0±0.48±0.1; M0±0.81±0.2; M0±0.29±0.1; Best double couple: NP1:φ181.00000°,δ65.00000°,λ170.00000°. NP2:φ275.00000°,δ81.00000°,λ25.00000°. Principal axes: T 1.1220,Plg24.0000°; Azm141.0000°; N -0.3430,Plg63.0000°,Azm293.0000°; P -0.7790,Plg11.0000°,Azm46.0000°; Mo0.95100x1017

NEIC Event type se. Error ellipse: s-maj=6.4km s-min=4.9km az=90.0.

MOS Error ellipse: s-maj=9.7km s-min=7.6km az=100.2.

ISC IV 02 07 12 18.8-3.8 18.4S-10 169.3E-50 218-8 4.2b 8 1-33 ¶19594092

IDC IV 02 07 12 15.8-8.5 18.36S 169.53E 209-48 4.5,4.0

ISCJB IV 02 07 12 17.2-3.9 18.4S-10 169.4E-50 225-9 4.2b,4.0

IDC IV 02 10 18 40.1-9.9 13.19S 166.89E 197-110 3.8,3.4 ¶19594103

IDC Error ellipse: s-maj=87.5km s-min=26.6km az=162.0.

ISC IV 18 00 13 11.5-3.1 15.4S-20 167.8E-20 196-24 3.9b 16 7-87 ¶19595117

NEIC IV 18 00 13 10.2-3.4 15.38S 167.88E 184-27 3.9b

ISCJB IV 18 00 13 11.1-3.2 15.5S-20 167.8E-20 211-25 3.9b

IDC IV 18 00 13 12.0-3.9 15.30S 167.67E 194-31 4.2,3.8

ISC Event type se.

NEIC Event type se. Error ellipse: s-maj=35.9km s-min=21.3km az=52.0.

ISCJB Event type se. Error ellipse: s-maj=39.1km s-min=22.8km az=131.0.

IDC Error ellipse: s-maj=32.7km s-min=21.6km az=55.0.

ISC IV 03 00 10 06.9-5.2 15.4S-20 167.8E-40 152-31 3.8b 12 7-40 ¶19594156

NEIC IV 03 00 10 04.2-6.5 15.26S 168.04E 150-23 4.0b

ISCJB IV 03 00 10 06.6-5.0 15.5S-20 167.9E-50 174-33 3.8b

IDC IV 03 00 10 08.0-9.1 15.49S 167.72E 155-68 4.0,3.6

ISC Event type se.

NEIC Event type se. Error ellipse: s-maj=98.5km s-min=20.7km az=58.0.

ISCJB Event type se. Error ellipse: s-maj=77.6km s-min=29.2km az=150.1.

IDC Error ellipse: s-maj=107.5km s-min=60.3km az=74.0.

ISC IV 18 18 09 17.9-2.6 17.15S-10 167.9E-30 48-16 4.3b 17 5-73 ¶19595165

ISCJB IV 18 18 09 16.4-2.9 17.16S-10 167.7E-30 45-20 4.3b

NEIC IV 18 18 09 17.6-2.3 17.10S 167.89E 52-14 4.3b

IDC IV 18 18 09 17.0-7.7 17.14S 167.99E 54-33 4.6L,4.6

NEIC Event type se. Error ellipse: s-maj=16.6km s-min=10.4km az=130.0.

ISCJB Event type ke. Error ellipse: s-maj=25.9km s-min=22.4km az=44.4.

IDC Error ellipse: s-maj=25.9km s-min=23.2km az=13.0.

ISC III 12 07 12 42.4-1.4 15.15S-06 167.43E-08 128-12 4.5b 71 3-169

LDG III 12 07 12 40.8-33 14.93S 166.89E 100-0 4.8b **110602356**

BJI III 12 07 12 41.8 14.93S 167.75E 141 4.8b,4.7b

IDC III 12 07 12 41.5-2.0 15.11S 167.32E 122-17 4.7,4.5

ISCJB III 12 07 12 41.5-1.5 15.17S-06 167.33E-07 133-14 4.5b,4.5

NEIC III 12 07 12 42.9-1.4 15.10S 167.41E 137-12 4.6b,4.5

MOS III 12 07 12 52.0-1.5 14.80S 166.66E 198 4.5b,4.5

ISC Event type ke.

LDG Event type ke. Error ellipse: s-maj=62.4km s-min=8.9km az=88.0.

IDC Error ellipse: s-maj=13.6km s-min=13.2km az=101.0.

ISCJB Event type ke. Error ellipse: s-maj=11.9km s-min=9.1km az=143.1.

NEIC Event type se. Error ellipse: s-maj=9.7km s-min=8.4km az=81.0.

MOS Error ellipse: s-maj=13.0km s-min=11.6km az=7.7.

ISC III 12 21 50 15.8-62 20.25-10 169.35E-10 10 4.2b 19 3-151

ISCJB III 12 21 50 14.3-65 20.25-10 169.3E-10 10 4.2b **110602683**

IDC III 12 21 50 14.1-2.5 20.27S 169.35E 0 4.3,4.2L

LDG III 12 21 50 18.5-31 19.69S 168.70E 10-0 4.4b,4.2L

SZGRF III 12 21 50 20.0 19.92S 170.61E 33 4.4b,4.2L

NEIC III 12 21 50 24.5-72 20.18S 168.62E 35 4.3b,4.2L

ISC Event type ke.

ISCJB Event type ke. Error ellipse: s-maj=19.2km s-min=11.6km az=117.7.

IDC Error ellipse: s-maj=98.5km s-min=25.2km az=147.0.

LDG Event type ke. Error ellipse: s-maj=29.9km s-min=4.7km az=121.0.

SZGRF Vanuatu Islands.

NEIC Event type se. Error ellipse: s-maj=26.2km s-min=15.4km az=145.0.

ISC III 07 06 28 55.7-11 14.85S-02 167.36E-02 139 5.6b 467 3-169

LDG III 07 06 28 39.2-28 14.07S 167.65E 10-0 6.2b,5.3s **110598850**

SZGRF III 07 06 28 49.2 13.85S 168.12E 147 6.2b,5.3s

CRAAG III 07 06 28 52.9 14.79S 167.16E 137 5.7b,5.3s

ISCJB III 07 06 28 53.7-11 14.85S-02 167.28E-02 137 5.6b,5.3s

IDC III 07 06 28 54.9-29 14.87S 167.32E 138-2 5.8,5.4

BJI III 07 06 28 55.0 14.24S 167.34E 129 5.9b,5.7b

HRVD III 07 06 28 55.0-10 14.90S 167.20E 144-0 6.2W,5.7b

NEIC III 07 06 28 55.0-09 14.81S 167.37E 136 6.2W,5.7b

MOS III 07 06 28 55.1-1.2 14.79S 167.32E 143 5.8b,5.3s

ORF III 07 06 28 58.1 7.73S 163.10E 30 6.5b,5.3s

ISC Event type fe.

LDG Event type ke. Error ellipse: s-maj=35.7km s-min=14.6km az=90.0.

SZGRF Vanuatu Islands.

ISCJB Event type fe. Error ellipse: s-maj=3.3km s-min=2.8km az=127.5.

IDC Error ellipse: s-maj=7.4km s-min=7.0km az=146.0.

HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s106.c250; Mantle waves: s105.c404; Half duration: 29s Moment tensor: Scale 10¹⁸Nm; M_{rr}1.25±0.1 M_{θθ}0.30±0.1; M_{φφ}-1.55±0.1; M_{φθ}-1.02±0.1; M_{φr}1.08±0.1; M_{rr}-0.54±0.1; Best double couple: NP1:φ=303.00000°; λ=135.00000°; NP2:φ=188.00000°; λ=138.00000°; Principal axes: T 2.1990,Plg51.0000°; Azm154.0000°; N 0.1490,Plg39.0000°; Azm337.0000°; P -2.0480,Plg1.0000°; Azm246.0000°; M₀2.12300×10¹⁸

NEIC Event type fe. Error ellipse: s-maj=4.1km s-min=3.1km az=88.0. Felt at Luganville. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M₀2.30000×10¹⁸ Moment Tensor Solution. s41 Moment tensor: Scale 10¹⁸Nm; M_{rr}1.45 M_{θθ}0.75 M_{φφ}-2.19 M_{φθ}-1.11 M_{φr}0.91 M_{rr}-0.75; Best double couple: NP1:φ=197.00000°; λ=135.00000°; NP2:φ=312.00000°; λ=81.00000°; λ=36.00000°; Principal axes: T 2.5400,Plg50.0000°; Azm158.0000°; N -0.0300,Plg39.0000°; Azm352.0000°; P -2.5000,Plg7.0000°; Azm257.0000°; M₀2.50000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution. P waves: NP1:φ=321.00000°; λ=81.00000°; λ=49.00000°; NP2:φ=190.00000°; λ=120.00000°; Principal axes: T Plg62.0000°; Azm149.0000°; N Plg0.0000°; Azm0.0000°; P Plg10.0000°; Azm259.0000°

MOS Error ellipse: s-maj=6.9km s-min=6.1km az=82.6.

ISC III 19 20 02 01.8-90 14.59S-04 167.25E-05 185-8 4.8b 131 3-169

LDG III 19 20 01 41.5-41 13.68S 167.38E 10-0 5.2b **110606757**

CSEM III 19 20 01 42.6 14.46S 167.40E 33 5.7b

NEIC III 19 20 01 59.5-1.4 14.48S 167.21E 159-12 4.9b

CRAAG III 19 20 01 59.0 14.51S 167.16E 4.8b

HRVD III 19 20 01 59.5-40 14.49S 167.12E 168-3 5.0W

ISCJB III 19 20 02 00.4-1.1 14.56S-05 167.16E-05 185-10 4.8b

MOS III 19 20 02 02.7-1.5 14.38S 167.04E 193 4.9b

IDC III 19 20 02 02.8-1.2 14.59S 167.16E 196-10 5.0,4.6

BJI III 19 20 02 04.9 13.84S 167.01E 194 4.9b,4.8b

ISC Event type ke.

LDG Event type ke. Error ellipse: s-maj=50.0km s-min=22.4km az=92.0.

NEIC Event type se. Error ellipse: s-maj=9.7km s-min=8.4km az=146.0.

HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s23.c27; Mantle waves: s68.c108; Half duration: 0 Moment tensor: Scale 10¹⁶Nm; M_{rr}3.12e-12; M_{θθ}0.24; M_{φφ}-3.36; M_{φθ}13; M_{φr}1.44; M_{rr}1.44; M_{θθ}0.83; M_{φθ}14; M_{φr}0.30; 14; Best double couple: NP1:φ=10.00000°; λ=89.00000°; λ=122.00000°; NP2:φ=146.00000°; λ=850.00000°; λ=58.00000°; Principal axes: T 3.7650,Plg66.0000°; Azm348.0000°; N -0.2280,Plg24.0000°; Azm168.0000°; P -3.5410,Plg0.0000°; Azm258.0000°; M₀3.65300×10¹⁶

ISCJB Event type ke. Error ellipse: s-maj=8.3km s-min=7.2km az=112.2.

MOS Error ellipse: s-maj=9.8km s-min=8.4km az=133.7.

IDC Error ellipse: s-maj=10.3km s-min=8.8km az=146.0.

ISC IV 05 22 46 38.2-2.3 20.06S-09 169.6E-20 90-19 3.8b 10 3-152

ISCJB IV 05 22 46 38.6-2.2 20.04S-09 169.4E-20 101-18 3.8b **119594317**

IDC IV 05 22 46 40.0-5.6 20.52S 169.68E 113-58 3.8,3.7

ISCJB Error ellipse: s-maj=34.8km s-min=11.1km az=34.7.

IDC Error ellipse: s-maj=222.7km s-min=43.9km az=157.0.

ISC IV 06 09 04 50.5-2.9 19.55S-20 168.2E-50 35 3.7b 7 2-32

ISCJB IV 06 09 04 50.0-2.1 19.45S-10 168.0E-40 33 3.7b **119594360**

IDC IV 06 09 04 53.7-8.0 19.76S 168.22E 58-62 3.9,3.9

ISCJB Error ellipse: s-maj=55.9km s-min=7.3km az=38.7.

IDC Error ellipse: s-maj=94.7km s-min=53.8km az=117.0.

ISC IV 09 02 21 12.8-2.4 15.75S-20 168.1E-30 148-20 3.8b 8 2-121

ISCJB IV 09 02 21 11.5-2.2 15.75S-20 168.1E-30 155-18 3.8b **119594501**

IDC IV 09 02 21 17.8-6.7 15.93S 167.79E 177-51 3.9,3.6

ISCJB Error ellipse: s-maj=43.7km s-min=26.0km az=5.1.

IDC Error ellipse: s-maj=57.1km s-min=30.0km az=30.0.

ISC IV 09 16 12.7-2.8 18.55S-20 168.1E-90 49-43 3.6b 8 1-40

ISCJB IV 09 16 11.8-2.5 18.55S-30 168E-10 50-59 3.6b **119594538**

IDC IV 09 16 16.6-8.8 18.54S 167.44E 42-10 3.8,3.7

ISCJB Error ellipse: s-maj=186.4km s-min=10.0km az=28.6.

IDC Error ellipse: s-maj=148.5km s-min=15.2km az=83.0.

ISC III 15 05 27 54.8-21 16.87S-03 167.23E-04 31 5.3b,5.1s 183 1-167

IDC III 15 05 27 50.2-39 16.89S 167.19E 0 5.0,5.0s **110604021**

CSEM III 15 05 27 51.6 17.31S 167.11E 10 5.5b,5.0s

LDG III 15 05 27 52.5-14 16.81S 166.65E 10-0 5.6b,5.1s

ISCJB III 15 05 27 52.7-21 16.85S-04 167.16E-04 29 5.3b,5.1s

HRVD III 15 05 27 54.4-10 16.81S 167.11E 13 5.6W,5.1s

NEIC III 15 05 27 54.4-14 16.87S 167.24E 30 5.6W,5.4b

BJI III 15 05 27 54.0 16.17S 167.16E 19 5.8b,5.3s

MOS III 15 05 27 55.7-1.8 16.54S 166.98E 33 5.7b,5.2s

ISC Event type ke.

IDC Error ellipse: s-maj=16.0km s-min=13.5km az=97.0.

LDG Event type ke. Error ellipse: s-maj=21.1km s-min=4.5km az=86.0.

ISCJB Event type ke. Error ellipse: s-maj=6.0km s-min=5.2km az=17.0.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s93.c163; Mantle waves: s99.c215; Half duration: 18s Moment tensor: Scale 10¹⁷Nm; M_{rr}-2.76±0.4 M_{θθ}0.26±0.4; M_{φφ}2.50±0.4; M_{φθ}-0.89±0.9; M_{φr}1.03±0.3; M_{rr}0.29±0.9; Best double couple: NP1:φ=184.00000°; λ=547.00000°; λ=115.00000°; NP2:φ=38.00000°; λ=848.00000°; λ=66.00000°; Principal axes: T 2.9020,Plg1.0000°; Azm111.0000°; N 0.1560,Plg18.0000°; Azm202.0000°; P -3.0590,Plg72.0000°; Azm20.0000°; M₀2.98100×10¹⁷

NEIC Event type se. Error ellipse: s-maj=6.2km s-min=5.0km az=146.0. Moment Tensor Solution. s15 Moment tensor: Scale 10¹⁷Nm; M_{rr}-2.17 M_{θθ}1.09 M_{φφ}1.09 M_{φθ}0.50 M_{φr}1.22 M_{rr}1.43; Best double couple: NP1:φ=211.00000°; λ=862.00000°; λ=104.00000°; NP2:φ=59.00000°

λ=31.00000°; λ=66.00000°. Principal axes: T 2.7000,Plg16.0000°; Azm311.0000°; N 0.0100,Plg12.0000°; Azm218.0000°; P -2.7100,Plg70.0000°; Azm92.0000°; M₀2.70000×10¹⁷

MOS Error ellipse: s-maj=9.7km s-min=7.8km az=122.0.

ISC III 15 08 56 44.0-5.0 16.96S-06 167.1E-10 8-30 4.3b,4.0s 22 1-167

ISCJB III 15 08 56 42.6-4.1 16.99S-06 167.0E-10 9-23 4.3b,4.0s **110604108**

IDC III 15 08 56 42.0-9.7 16.84S 167.15E 0 4.5,4.3

NEIC III 15 08 56 43.4-68 16.87S 167.16E 10 4.4b,4.3

BJI III 15 08 56 43.4 16.90S 167.20E 10 5.2b,5.1s

LDG III 15 08 56 45.3-19 16.84S 166.12E 10-0 4.4b,4.3s

ISC Event type ke.

ISCJB Event type ke. Error ellipse: s-maj=20.6km s-min=10.5km az=167.5.

IDC Error ellipse: s-maj=29.2km s-min=21.0km az=99.0.

NEIC Event type se. Error ellipse: s-maj=18.7km s-min=11.9km az=82.0.

LDG Event type ke. Error ellipse: s-maj=38.5km s-min=4.7km az=82.0.

ISC III 17 15 38 53.6-1.6 19.1S-10 169.3E-10 227-15 4.0b 26 2-144

ISCJB III 17 15 38 53.2-1.6 19.2S-10 169.2E-10 235-14 4.0b **110605470**

NEIC III 17 15 38 53.3-1.4 19.10S 169.25E 226-13 4.1b

IDC III 17 15 38 54.1-2.0 19.29S 169.33E 239-19 4.3,3.9

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=23.5km s-min=15.3km az=140.6.

NEIC Event type se. Error ellipse: s-maj=15.6km s-min=11.1km az=169.0.

IDC Error ellipse: s-maj=40.3km s-min=14.9km az=153.0.

ISC III 24 23 31 10.2-34 13.72S-04 167.21E-07 198 4.5b 102 8-170

LDG III 24 23 31 00.1-28 13.40S 167.14E 110-0 4.7b **110609933**

ISCJB III 24 23 31 08.8-33 13.70S-04 167.10E-07 196 4.5b

BJI III 24 23 31 08.0 13.37S 167.27E 182 4.9b,4.7b

NEIC III 24 23 31 09.0-33 13.70S 167.22E 189 4.7b,4.7b

IDC III 24 23 31 09.7-76 13.71S 167.03E 193-6 4.6,4.2

MOS III 24 23 31 11.0-1.1 13.72S 167.13E 219 4.6b,4.2

ISC Event type ke.

LDG Event type ke. Error ellipse: s-maj=37.6km s-min=14.3km az=88.0.

ISCJB Event type ke. Error ellipse: s-maj=9.7km s-min=5.8km az=15.0.

NEIC Event type se. Error ellipse: s-maj=9.2km s-min=6.8km az=111.0.

IDC Error ellipse: s-maj=12.1km s-min=9.3km az=123.0.

MOS Error ellipse: s-maj=10.7km s-min=10.1km az=134.4.

ISC III 26 22 57 15.7-1.5 19.21S-07 168.8E-10 46-12 4.4b,3.5s 27 2-166

ISCJB III 26 22 57 14.8-1.5 19.27S-07 168.7E-10 52-11 4.4b,3.5s **110611311**

NEIC III 26 22 57 16.8-2.8 19.22S 168.67E 54-23 4.5b,3.5s

BJI III 26 22 57 16.8 19.20S 168.70E 54 4.8b,4.8b

IDC III 26 22 57 16.0-4.5 19.21S 168.67E 52-38 4.2,4.1

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=18.4km s-min=10.4km az=26.1.

NEIC Event type se. Error ellipse: s-maj=22.2km s-min=13.6km az=221.0.

IDC Error ellipse: s-maj=27.9km s-min=21.3km az=58.0.

ISC III 30 14 26 59.5-2.0 14.66S-10 167.2E-20 170-15 4.0b 17 7-86

ISCJB III 30 14 26 59.6-2.0 14.70S-10 167.2E-20 183-15 4.0b **110613645**

NEIC III 30 14 26 59.3-1.9 14.74S 167.23E 163-14 4.2b

IDC III 30 14 26 60.0-2.9 14.70S 167.29E 180-26 4.2,3.7

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=26.9km s-min=12.4km az=131.9.

NEIC Event type se. Error ellipse: s-maj=24.8km s-min=12.8km az=57.0.

IDC Error ellipse: s-maj=28.9km s-min=21.9km az=87.0.

ISC III 03 18 31 18.1-1.9 13.21S 167.88E 0 3.9,3.7b **110596725**

IDC Error ellipse: s-maj=60.1km s-min=30.6km az=126.0.

IDC III 05 10 45 27.6-8.2 13.53S 166.92E 216-91 4.0,3.7 **110597817**

IDC Error ellipse: s-maj=73.9km s-min=26.8km az=164.0.

IDC III 05 11 25 06.7-7.4 15.36S 168.31E 48-79 3.9L,3.8 **110597826**

IDC Error ellipse: s-maj=64.6km s-min=27.1km az=158.0.

IDC III 26 06 24 01.9-13 14.34S 167.46E 195-115 4.0,3.7 **110610839**

IDC Error ellipse: s-maj=66.5km s-min=43.2km az=114.0.

IDC III 28 21 10 37.8-5.5 13.68S 167.08E 227-55 3.8,3.4 **110612527**

IDC Error ellipse: s-maj=52.4km s-min=27.4km az=150.0.

ISC III 03 17 31 06.4-3.1 15.0S-20 167.4E-10 183-27 4.2b 20 7-147

IDC III 03 17 31 05.9-5.5 14.95S 167.36E 176-56 4.1,3.8 **110596700**

ISCJB III 03 17 31 06.5-3.1 15.0S-20 167.2E-10 194-28 4.0b,3.8

NEIC III 03 17 31 06.0-2.4 14.96S 167.32E 178-21 4.4b,3.8

ISC Event type se.

IDC Error ellipse: s-maj=49.0km s-min=25.3km az=159.0.

ISCJB Event type se. Error ellipse: s-maj=25.7km s-min=23.0km az=26.6.

NEIC Event type se. Error ellipse: s-maj=20.2km s-min=15.7km az=171.0.

ISC IV 28 03 39 31.0-3.7 19.1S-10 168.9E-50 160-8 4.0b 9 2-41

ISCJB IV 28 03 39 30.7-3.8 19.0S-10 168.8E-50 169-8 4.0b **119598126**

IDC IV 28 03 39 30.3-8.0 18.92S 168.76E 148-53 4.1,3.9

ISCJB Error ellipse: s-maj=81.6km s-min=12.7km az=23.9.

IDC Error ellipse: s-maj=102.4km s-min=67.4km az=114.0.

ISC VI 09 05 36 14.5-1.1 18.8S-10 169.3E-10 238-6 4.5b 25 1-144

ISCJB VI 09 05 36 14.2-1.1 18.7S-10 169.2E-10 246-6 4.5b **119221668**

NEIC VI 09 05 36 14.7-8.7 18.88S 169.41E 250 4.6b

IDC VI 09 05 36 16.1-3.2 18.98S 169.38E 261-29 4.7,4.2

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=21.7km s-min=17.4km az=18.8.

NEIC Event type se. Error ellipse: s-maj=26.3km s-min=14.7km az=148.0.

IDC Error ellipse: s-maj=42.6km s-min=24.9km az=164.0.

ISC VI 11 18 14 54.3-2.1 19.78S-10 169.0E-20 109-16 4.1b 19 3-152

SZGRF VI 11 18 14 37.9 23.26S 167.34E 33 4.1b **118463895**

LDG VI 11 18 14 44.5-32 18.38S 168.10E 10-0 4.2b

ISCJB VI 11 18 14 53.8-2.2 19.9S-10 169.0E-20 121-17 4.1b

IDC VI 11 18 14 53.3-3.5 19.74S 169.05E 105-29 4.4,4.1

NEIC VI 11 18 14 54.2-1.6 19.77S 169.05E 114-13 4.3b,4.1

ISC Event type ke.

SZGRF New Caledonia.

LDG Event type ke. Error ellipse: s-maj=43.2km s-min=6.2km az=104.0.

ISCJB Event type ke. Error ellipse: s-maj=24.9km s-min=16.6km az=160.2.

IDC Error ellipse: s-maj=28.5km s-min=23.2km az=68.0.

NEIC Event type se. Error ellipse: s-maj=16.6km s-min=11.5km az=69.0.

ISC VI 14 22 14 49.5-1.7 15.03S-09 167.93E-09 60-17 4.3b 14 7-121

IDC VI 14 22 14 43.8-2.8 15.25S 167.78E 0 4.3,4.1b **119221974**

ISCJB VI 14 22 14 47.3-2.4 15.05S-09 167.85E-10 55-23 4.3b,4.1b

NEIC VI 14 22 14 49.1-5.1 15.39S 167.77E 35 4.3b,4.1b

ISC Event type se.

IDC Error ellipse: s-maj=93.6km s-min=36.0km az=130.0.

ISCJB Event type se. Error ellipse: s-maj=16.5km s-min=13.1km az=106.1.

NEIC Event type se. Error ellipse: s-maj=13.5km s-min=9.9km az=202.0.

ISC VI 16 23 26 56.8-2.8 14.8S-10 167.1E-10 214-22 4.0b 25 7-120

NEIC VI 16 23 26 55.9-1.9 14.71S 167.08E 208-15 4.2b **119222111**

IDC VI 16 23 26 55.7-4.4 14.70S 167.16E 213-34 4.4,3.9

ISCJB VI 16 23 26 57.1-2.9 14.8S-10 167.0E-10 229-23 4.0b,3.9

ISC Event type se.

NEIC Event type se.

ISCJB Event type se.

ISC VI 24 06 21 56.9-2.0 14.1S-10 167.5E-30 35 3.8b,3.0s 13 4-149

ISCJB VI 24 06 21 54.1-2.1 14.1S-10 167.5E-30 33 3.8b,3.0s **118495914**

LDG VI 24 06 21 58.4-5.4 14.33S 167.85E 10-0 3.8b,3.0s

IDC VI 24 06 22 04.0-6.2 14.97S 168.48E 164-67 4.0,3.7

ISC Event type ke.

ISCJB Event type ke. Error ellipse: s-maj=40.9km s-min=10.5km az=132.4.

LDG Event type ke. Error ellipse: s-maj=120.4km s-min=7.3km az=93.0.

IDC Error ellipse: s-maj=68.0km s-min=40.0km az=134.0.

ISC VI 04 21 54 14.4-8.0 14.8S-10 166.7E-10 33-33 4.2b,3.4s 22 7-150

ISCJB VI 04 21 54 09.3-6.3 14.8S-10 166.6E-10 10-38 4.2b,3.4s **118443258**

IDC VI 04 21 54 10.0-1.1 14.90S 166.67E 0 4.2L,4.1

LDG VI 04 21 54 11.7-1.7 14.76S 167.60E 10-0 4.3b,4.1

NEIC VI 04

IDC	Error ellipse: s-maj=36.4km s-min=23.8km az=93.0.								
LDG	Event type ke. Error ellipse: s-maj=24.9km s-min=11.7km az=38.0.								
NEIC	Event type se. Error ellipse: s-maj=11.7km s-min=8.6km az=110.0.								
IDC	VI 26 18 00 23.9-25 15.05S-04 166.83E-05 56	4.9b,4.3s	105	3-165					
IDC	VI 26 18 00 15.4-65 14.91S	166.83E	0	4.7,4.7	18496000				
LDG	VI 26 18 00 18.2-21 14.82S	166.37E	10-0	4.8b,4.3b					
BJI	VI 26 18 00 21.5-21 14.62S	167.09E	47	5.0b,4.8b					
ISCJB	VI 26 18 00 21.9-24 15.05S-04 166.77E-05 56	4.9b,4.3s	56	4.9b,4.3s					
HRVD	VI 26 18 00 22.9-30 14.98S	166.69E	31-0	5.0W,4.3s					
NEIC	VI 26 18 00 22.9-1.2 15.01S	166.82E	54-10	5.0b,4.3s					
CRAAG	VI 26 18 00 22.1 14.96S	166.75E		5.0b,4.3s					
MOS	VI 26 18 00 29.1-1.2 14.70S	166.27E	97	5.2b,4.3s					
ISC	Event type ke.								
IDC	Error ellipse: s-maj=24.0km s-min=16.7km az=96.0.								
LDG	Event type ke. Error ellipse: s-maj=30.8km s-min=7.1km az=83.0.								
ISCJB	Event type ke. Error ellipse: s-maj=7.4km s-min=5.2km az=108.7.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s54,c73; Mantle waves: s55,c80;Half duration: 0 Moment tensor: Scale 1016 Nm; M1:4.29±.16 M2:0.68±.12; M3:3.61±.11; Mw:0.26±.19; Mw:1.52±.09; Mw:0.07±.14; Best double couple: NP1:0.340,0.0000°; 844.0000°; 1.94,0.0000°; NP2:0.154,0.0000°; .846,0.0000°; .886,0.0000°; Principal axes: T 4.3040,Plg87.0000°; Azm359.0000°; N -0.0440,Plg3.0000°; Azm157.0000°; P -4.2590,Plg1.0000°; Azm247.0000°; M4.28100x1016								
NEIC	Event type se. Error ellipse: s-maj=9.3km s-min=6.9km az=84.0.								
MOS	Error ellipse: s-maj=11.8km s-min=9.1km az=130.7.								
ISC	VI 02 10 24 22.0-1.2 14.81S-08 167.1E-10 107-8	4.1b	29	3-148					
LDG	VI 02 10 24 11.3-67 14.12S	167.37E	10-0	4.1b	18443145				
NEIC	VI 02 10 24 20.4-88 14.70S	167.18E	96	4.1b					
ISCJB	VI 02 10 24 21.5-1.2 14.90S-07 166.9E-10 109-9	4.1b							
IDC	VI 02 10 24 22.0-3.2 14.82S	167.00E	104-24	4.4,4.1					
ISC	Event type ke.								
LDG	Event type ke. Error ellipse: s-maj=169.5km s-min=10.7km az=92.0.								
NEIC	Event type se. Error ellipse: s-maj=18.9km s-min=12.5km az=53.0.								
ISCJB	Event type ke. Error ellipse: s-maj=19.3km s-min=7.4km az=112.9.								
IDC	Error ellipse: s-maj=32.3km s-min=14.9km az=60.0.								
ISC	VI 25 13 46 59.4-1.1 16.87S-07 167.6E-10 35	4.0b	11	1-60					
IDC	VI 25 13 46 55.5-3.4 16.84S	167.41E	0	4.3,4.2	19600427				
ISCJB	VI 25 13 46 57.6-1.1 16.88S-06 167.48E-09 33	4.0b,4.2							
ISC	III 08 17 38 23.8-1.9 19.95S-06 169.9E-10 37-16	4.3b	20	3-152					
ISCJB	III 08 17 38 22.5-2.1 19.97S-06 169.9E-10 36-17	4.3b			110599814				
SZGRF	III 08 17 38 23.3 20.59S	169.11E	33	4.3b					
LDG	III 08 17 38 24.0-43 18.70S	168.38E	10-0	4.5b,4.1s					
BJI	III 08 17 38 32.0 20.10S	169.70E	113	5.0b,4.7b					
IDC	III 08 17 38 32.6-3.8 20.23S	169.63E	112-31	4.2,3.9					
NEIC	III 08 17 38 33.0-1.9 20.12S	169.66E	114-15	4.2b,3.9					
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=17.9km s-min=10.2km az=9.1.								
SZGRF	Vanuatu Islands.								
LDG	Event type ke. Error ellipse: s-maj=53.2km s-min=38.2km az=47.0.								
IDC	Error ellipse: s-maj=32.5km s-min=26.3km az=9.0.								
NEIC	Event type se. Error ellipse: s-maj=17.3km s-min=10.6km az=47.0.								
ISC	III 09 09 04 06.9-2.4 20.55-20 169.84E-10 116-21	4.3b	19	3-146					
ISCJB	III 09 09 04 07.0-2.4 20.65S-20 169.78E-10 132-20	4.3b			110600144				
IDC	III 09 09 04 07.3-3.4 20.50S	169.79E	115-29	4.4,4.2					
NEIC	III 09 09 04 07.7-1.7 20.50S	169.82E	124-15	4.4b,4.2					
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=38.2km s-min=14.7km az=12.7.								
IDC	Error ellipse: s-maj=43.3km s-min=23.6km az=174.0.								
NEIC	Event type se. Error ellipse: s-maj=24.5km s-min=10.0km az=187.0.								
ISC	VI 27 17 30 21.5-14 18.79S-04 169.55E-03 262	4.7b	294	2-167					
SZGRF	VI 27 17 29 46.4 20.98S	170.55E	33	4.7b	18496029				
ISCJB	VI 27 17 30 20.0-15 18.77S-04 169.49E-04 260	4.7b							
BJI	VI 27 17 30 19.8 18.70S	169.60E	259	4.8b,4.8b					
NEIC	VI 27 17 30 20.9-17 18.73S	169.58E	260	4.8b,4.8b					
LDG	VI 27 17 30 22.0-16 18.61S	169.37E	270-0	4.6b,4.8b					
IDC	VI 27 17 30 22.1-65 18.78S	169.52E	273-5	4.9,4.3b					
MOS	VI 27 17 30 23.6-2.9 18.69S	169.52E	277	5.3b,4.3b					
ISC	Event type ke.								
SZGRF	Vanuatu Islands.								
ISCJB	Event type ke. Error ellipse: s-maj=5.7km s-min=4.1km az=110.4.								
NEIC	Event type se. Error ellipse: s-maj=7.5km s-min=5.0km az=146.0.								
LDG	Event type ke. Error ellipse: s-maj=17.4km s-min=3.9km az=118.0.								
IDC	Error ellipse: s-maj=10.9km s-min=9.1km az=164.0.								
MOS	Error ellipse: s-maj=9.6km s-min=9.1km az=125.2.								
ISC	III 13 14 30 05.8-1.6 15.50S-07 167.6E-10 123-12	4.4b	32	7-166					
LDG	III 13 14 29 54.4-41 14.62S	167.63E	10-0	4.6b	110603066				
ISCJB	III 13 14 30 05.7-1.8 15.56S-07 167.5E-10 132-14	4.3b							
NEIC	III 13 14 30 05.6-42 15.47S	167.61E	122	4.4b					
IDC	III 13 14 30 06.2-84 15.52S	167.54E	125-6	4.5,4.2					
ISC	Event type ke.								
LDG	Event type ke. Error ellipse: s-maj=67.2km s-min=12.4km az=91.0.								
ISCJB	Event type ke. Error ellipse: s-maj=20.0km s-min=8.3km az=130.3.								
NEIC	Event type se. Error ellipse: s-maj=11.0km s-min=9.1km az=84.0.								
IDC	Error ellipse: s-maj=17.2km s-min=12.5km az=93.0.								
ISC	III 14 13 11 17.3-54 16.87S-07 167.1E-10 35	4.5b,3.6s	37	1-152					
IDC	III 14 13 11 12.9-1.2 16.83S	166.97E	0	4.4,4.3	110603615				
MOS	III 14 13 11 14.4-3.3 16.76S	167.27E	33	4.8b,4.3					
LDG	III 14 13 11 15.3-21 16.86S	165.98E	10-0	4.6b,4.3					
ISCJB	III 14 13 11 15.5-55 16.92S-08 167.0E-10 33	4.5b,3.7s							
BJI	III 14 13 11 17.0 16.90S	166.90E	40	5.3b,4.8b					
NEIC	III 14 13 11 18.1-57 16.85S	166.94E	40	4.8b,4.8b					
ISC	Event type ke.								
IDC	Error ellipse: s-maj=30.2km s-min=21.0km az=87.0.								
MOS	Error ellipse: s-maj=53.1km s-min=22.8km az=130.2.								
LDG	Event type ke. Error ellipse: s-maj=44.4km s-min=5.2km az=80.0.								
ISCJB	Event type ke. Error ellipse: s-maj=17.6km s-min=10.7km az=21.4.								
NEIC	Event type se. Error ellipse: s-maj=17.5km s-min=11.2km az=81.0.								
ISC	III 15 00 37 29.8-96 16.95S-07 167.7E-10 35	4.2b,3.1s	12	1-152					
ISCJB	III 15 00 37 27.6-94 16.95S-07 167.60E-10 33	4.2b,3.1s			110603905				
IDC	III 15 00 37 27.4-2.5 16.91S	167.20E	0	4.4,4.2					
LDG	III 15 00 37 32.1-22 16.82S	165.86E	10-0	4.4b,4.2					
NEIC	III 15 00 37 33.1-1.1 16.93S	167.14E	35	4.4b,4.2					
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=15.1km s-min=8.1km az=116.6.								
IDC	Error ellipse: s-maj=60.0km s-min=24.3km az=100.0.								
LDG	Event type ke. Error ellipse: s-maj=42.4km s-min=7.0km az=80.0.								
NEIC	Event type se. Error ellipse: s-maj=24.3km s-min=13.6km az=76.0.								
ISC	III 15 01 09 34.0-1.9 13.75S-30 168.0E-10 35	4.0b,3.9s	8	30-167					
IDC	III 15 01 09 28.0-2.7 13.58S	167.98E	0	4.3,4.2b	110603917				
ISCJB	III 15 01 09 32.4-1.9 13.85S-30 167.9E-30 33	4.0b,3.9s							
NEIC	III 15 01 09 33.6-1.0 13.63S	167.95E	35	4.0b,3.9s					
ISC	Event type se.								
IDC	Error ellipse: s-maj=105.2km s-min=36.8km az=131.0.								
ISCJB	Event type se. Error ellipse: s-maj=38.1km s-min=35.8km az=114.8.								
NEIC	Event type se. Error ellipse: s-maj=27.6km s-min=21.8km az=140.0.								
ISC	III 15 05 25 04.2-83 16.98S-06 167.8E-10 35	4.0b	10	1-152					
IDC	III 15 05 25 00.5-1.5 16.90S	167.42E	0	4.3,4.2	110604019				
ISCJB	III 15 05 25 02.4-81 17.00S-07 167.64E-10 33	4.0b,4.2							
LDG	III 15 05 25 05.7-18 16.83S	165.98E	10-0	4.4b,4.2					
ISC	Event type ke.								
IDC	Error ellipse: s-maj=44.1km s-min=22.1km az=113.0.								
ISCJB	Event type ke. Error ellipse: s-maj=13.7km s-min=8.5km az=138.1.								
LDG	Event type ke. Error ellipse: s-maj=36.5km s-min=6.5km az=81.0.								
ISC	III 15 06 01 05.0-92 16.90S-07 167.3E-20 31	4.2b,3.4s	13	1-152					
ISCJB	III 15 06 01 02.1-82 17.01S-07 167.6E-10 29	4.2b,3.4s			110604042				
LDG	III 15 06 01 04.6-22 16.85S	166.05E	10-0	4.4b,3.4s					
IDC	III 15 06 01 04.5-1.5 16.90S	167.29E	28-6	4.1L,4.1					
NEIC	III 15 06 01 08.1-50 17.09S	166.83E	30	4.7b,4.1					
MOS	III 15 06 01 11.2-1.9 15.63S	165.99E	33	4.5b,4.1					
ISC	Event type ke.								

ISCJB	Event type ke. Error ellipse: s-maj=15.9km s-min=9.5km az=170.3.								
LDG	Event type ke. Error ellipse: s-maj=49.8km s-min=4.8km az=82.0.								
IDC	Error ellipse: s-maj=39.8km s-min=21.1km az=123.0.								
NEIC	Event type se. Error ellipse: s-maj=25.9km s-min=15.5km az=107.0.								
MOS	Error ellipse: s-maj=29.9km s-min=25.3km az=155.9.								
ISC	III 02 15 23 59.1-3.8 17.05S-20 167.3E-20	43-48	3.7s,3.6b	7	1-38				
IDC	III 02 15 23 54.6-1.4 16.98S	167.09E	0	4.0,3.8b	110595875				
ISCJB	III 02 15 23 58.4-3.5 17.1S-20 167.2E-30	54-52	3.7s,3.6b						
ISC	III 02 18 05 13.4-4.7 14.6S-20 167.7E-40	40-53	3.7b,3.4s	9	7-97				
IDC	III 02 18 05 08.3-2.7 14.49S	167.44E	0	4.0,3.9b	110595993				
ISCJB	III 02 18 05 12.1-5.4 14.7S-20 167.6E-40	41-56	3.7b,3.4s						
ISC	III 03 23 08 24.7-2.3 15.7S-20 167.9E-20	145-26	3.8b	8	2-87				
ISCJB	III								

Best double couple: NP1:0.179.00000°,δ47.00000°,λ135.00000°. NP2:0.303.00000°,δ59.00000°,λ53.00000°. Principal axes: T 4.8690,Plg58.0000°,Azml160.0000°; N 0.4990,Plg31.0000°,Azml325.0000°; P -5.3740,Plg7.0000°,Azml59.0000°; Mo5.12100×10¹⁶

ISCJB Event type ke. Error ellipse: s-maj=8.8km s-min=6.3km az=124.2.
 IDC Error ellipse: s-maj=11.1km s-min=9.8km az=116.0.
 LDG Event type ke. Error ellipse: s-maj=39.6km s-min=9.2km az=85.0.
 ISC II 11 07 52 38.4-4.5 17.8S-30 168.2E-40 47-48 4.0b,3.2s 11 5-85
 ISCJB II 11 07 52 35.2-6.9 17.7S-10 167.9E-40 21-52 3.9b,3.2s 119570477
 IDC II 11 07 52 40.4-7.1 17.8S 168.21E 69-70 3.9,3.8
 NEIC II 11 07 52 41.6-4.0 18.11S 168.29E 84-39 4.0b,3.8
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=57.8km s-min=17.0km az=3.1.
 IDC Error ellipse: s-maj=70.2km s-min=47.3km az=125.0.
 NEIC Event type se. Error ellipse: s-maj=52.4km s-min=36.8km az=149.0.
 ISC II 11 21 14 59.4-3.6 20.0S-40 169.3E-30 75-34 3.8b 8 3-152
 ISCJB II 11 21 14 59.7-3.6 20.1S-50 169.2E-40 90-35 3.8b 119570529
 NEIC II 11 21 14 59.8-3.1 19.96S 169.20E 76-30 3.8b
 IDC II 11 21 15 00.2-4.9 19.96S 169.09E 76-46 3.9,3.8
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=89.6km s-min=30.5km az=112.2.
 NEIC Event type se. Error ellipse: s-maj=62.0km s-min=27.0km az=150.0.
 IDC Error ellipse: s-maj=72.3km s-min=31.2km az=151.0.
 ISC II 14 21 30 43.5-1.5 17.5S-10 168.8E-20 240-7 3.7b 8 1-33
 ISCJB II 14 21 30 42.4-1.5 17.4S-10 168.7E-20 246-7 3.7b 119570878
 IDC II 14 21 30 42.3-7.7 17.46S 168.78E 231-51 4.0,3.5
 ISCJB Error ellipse: s-maj=33.5km s-min=20.2km az=9.6.
 IDC Error ellipse: s-maj=75.0km s-min=23.8km az=29.0.
 ISC II 15 19 37 27.5-4.7 18.09S-04 169.30E-05 286-4 4.8b 150 1-167
 CSEM II 15 19 37 17.4 17.93S 169.69E 33 5.6b 118083804
 LDG II 15 19 37 13.7 17.93S 168.98E 160 5.6b
 MOS II 15 19 37 25.8-1.2 18.08S 169.35E 286 5.0b
 ISCJB II 15 19 37 26.8-4.8 18.11S-04 169.23S-05 292-4 4.9b
 SZGRF II 15 19 37 26.2 19.41S 169.30E 33 4.9b
 BJI II 15 19 37 26.7 17.45S 169.22E 267 5.3b,5.0b
 NEIC II 15 19 37 27.2-8.1 18.09S 169.28E 285-8 4.8b,5.0b
 IDC II 15 19 37 27.1-8.6 18.10S 169.24E 283-7 5.2,4.5b
 ISC Event type ke.
 LDG Event type ke.
 MOS Error ellipse: s-maj=11.0km s-min=8.6km az=45.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.3km s-min=5.3km az=126.6.
 SZGRF Vanuatu Islands.
 NEIC Event type se. Error ellipse: s-maj=6.6km s-min=5.6km az=197.0.
 IDC Error ellipse: s-maj=8.8km s-min=8.5km az=13.0.
 IDC IV 12 11 08 18.8-11 15.20S 165.37E 0 4.2,4.0L 119594726
 IDC Error ellipse: s-maj=196.7km s-min=33.1km az=55.0.
 ISC II 17 14 19 12.8-2.4 15.2S-20 167.3E-30 169-39 3.9b 10 3-121
 ISCJB II 17 14 19 10.7-2.8 15.1S-20 167.1E-30 155-44 3.9b 119571184
 IDC II 17 14 19 10.4-5.7 15.12S 167.27E 148-51 4.2,3.8
 ISCJB Error ellipse: s-maj=58.2km s-min=23.5km az=43.6.
 IDC Error ellipse: s-maj=44.0km s-min=33.8km az=172.0.
 ISC II 18 15 53 35.3-1.6 16.84S-03 167.24E-04 25-10 5.8s,5.3b 234 5-167
 IDC II 18 15 53 30.9-4.0 16.85S 167.24E 0 5.8L,5.4s
 ISCJB II 18 15 53 31.5-1.6 16.81S-03 167.19E-04 15-10 5.8s,5.3b
 BJI II 18 15 53 34.8 16.31S 167.28E 22 6.0s,5.8s
 NEIC II 18 15 53 34.6-1.7 16.80S 167.21E 22-12 5.4b,5.8s
 LDG II 18 15 53 34.0-1.1 16.81S 166.45E 10-0 5.4b,5.8s
 HRVD II 18 15 53 34.6-3.0 16.75S 167.11E 20 5.9W,5.8s
 MOS II 18 15 53 35.6-1.3 16.68S 167.08E 33 5.9s,5.6b
 CSEM II 18 15 53 37.8 17.25S 166.77E 33 5.6b,5.6b
 NAO II 18 15 53 43.6 14.45S 167.15E 100 4.8b,5.6b
 ISC Event type ke.
 IDC Error ellipse: s-maj=13.9km s-min=12.4km az=73.0.
 ISCJB Event type ke. Error ellipse: s-maj=6.2km s-min=4.5km az=127.0.
 NEIC Event type se. Error ellipse: s-maj=5.2km s-min=4.3km az=60.0.
 LDG Event type ke. Error ellipse: s-maj=16.8km s-min=4.3km az=83.0.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid-Moment Tensor Solution. LP body waves: s71,c124; Mantle waves: s88,c144; Half duration: 2s; Moment tensor: Scale 10¹⁸Nm; Mr=0.12±0.03; Mw=0.02±0.03; Mw=0.11±0.06; Mw=0.96±0.02; Mw=0.23±0.06; Best double couple: NP1:0.271.00000°,δ76.00000°,λ-9.00000°. NP2:0.4.00000°,δ82.00000°,λ-166.00000°. Principal axes: T 1.0250,Plg4.0000°,Azml137.0000°; N -0.0510,Plg74.0000°; P -0.9740,Plg16.0000°,Azml228.0000°; Mo0.99900×10¹⁸
 Error ellipse: s-maj=8.4km s-min=7.4km az=113.1.
 ISC II 19 02 53 55.9-1.4 16.97S-07 167.1E-20 35 3.9b 12 5-122
 IDC II 19 02 53 49.7-1.5 16.79S 167.18E 0 4.3L,4.2 119571364
 ISCJB II 19 02 53 54.6-1.5 17.03S-07 166.9E-20 33 3.9b,4.2
 NEIC II 19 02 53 54.9-9.9 16.86S 167.15E 35 4.0b,4.2
 ISC Event type se.
 IDC Error ellipse: s-maj=35.5km s-min=26.0km az=78.0.
 ISCJB Event type se. Error ellipse: s-maj=28.3km s-min=9.2km az=159.4.
 NEIC Event type se. Error ellipse: s-maj=23.3km s-min=12.7km az=75.0.
 ISC II 20 10 25 27.2-1.5 17.68S-07 167.64E-07 12-9 4.1b,3.7s 21 1-166
 ISCJB II 20 10 25 25.9-1.6 17.64S-08 167.58E-07 17-11 4.0b,3.7s 118096134
 IDC II 20 10 25 25.2-8.8 17.52S 167.63E 0 4.3,4.2
 LDG II 20 10 25 28.6-5.7 17.53S 166.92E 10-0 4.5b,4.2
 NEIC II 20 10 25 29.6-6.1 17.61S 167.67E 30 4.3b,4.2
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=13.2km s-min=10.5km az=133.4.
 IDC Error ellipse: s-maj=27.8km s-min=20.5km az=128.0.
 LDG Event type ke. Error ellipse: s-maj=124.4km s-min=6.2km az=91.0.
 NEIC Event type se. Error ellipse: s-maj=16.2km s-min=13.7km az=122.0.
 ISC II 21 00 41 57.6-4.0 14.65S-06 167.0E-10 10 4.5b,3.9s 28 3-166
 IDC II 21 00 41 55.7-8.0 14.62S 166.92E 0 4.6,4.5 118096148
 ISCJB II 21 00 41 56.1-4.0 14.69S-06 166.9E-10 10 4.5b,3.9s
 LDG II 21 00 41 58.2-2.2 14.70S 166.49E 10-0 4.5b,3.9s
 NEIC II 21 00 42 02.7-5.2 14.88S 166.95E 55 4.6b,3.9s
 BJI II 21 00 42 06.7 14.27S 166.02E 55 4.8s,4.8b
 ISC Event type ke.
 IDC Error ellipse: s-maj=33.5km s-min=23.4km az=102.0.
 ISCJB Event type ke. Error ellipse: s-maj=17.4km s-min=7.3km az=139.5.
 LDG Event type ke. Error ellipse: s-maj=34.3km s-min=6.5km az=84.0.
 NEIC Event type se. Error ellipse: s-maj=19.9km s-min=13.3km az=113.0.
 ISC II 04 14 45 05.9-4.2 18.4S-30 168.4E-20 53-43 4.0b 11 4-124
 IDC II 04 14 45 05.4-4.5 18.4S-20 168.3E-20 57-45 4.0b 119569816
 ISCJB II 04 14 45 05.5-6.3 18.32S 168.34E 44-62 4.0,3.9
 ISCJB Error ellipse: s-maj=49.2km s-min=28.2km az=97.7.
 IDC Error ellipse: s-maj=51.2km s-min=34.5km az=160.0.
 ISC II 25 15 03 59.0-1.3 17.7S-20 168.1E-60 40-29 3.9b 8 0-85
 ISCJB II 25 15 03 57.7-1.7 17.7S-20 167.9E-50 38-44 3.9b 119579785
 IDC II 25 15 04 02.9-6.2 18.16S 168.59E 105-58 4.0,3.7
 ISCJB Error ellipse: s-maj=93.9km s-min=14.3km az=42.9.
 IDC Error ellipse: s-maj=76.5km s-min=45.4km az=125.0.
 ISC II 22 17 03 04.8-2.3 17.04S-09 167.3E-20 48-16 4.1b 13 5-84
 ISCJB II 22 17 03 02.9-2.6 17.05S-09 167.2E-20 44-19 4.1b 119579327
 IDC II 22 17 03 05.5-3.9 17.09S 167.21E 54-30 4.3L,4.2
 NEIC II 22 17 03 05.0-1.7 17.06S 167.22E 46-12 4.0b,4.2
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=39.3km s-min=13.4km az=154.1.
 IDC Error ellipse: s-maj=42.9km s-min=19.1km az=74.0.
 NEIC Event type se. Error ellipse: s-maj=27.1km s-min=11.4km az=71.0.
 ISC II 22 19 17 08.9-8.5 16.95S-08 167.32E-08 35 3.9b 11 1-84
 IDC II 22 19 17 04.6-2.5 16.98S 167.13E 0 4.1,4.0b 119579335
 ISCJB II 22 19 17 07.0-8.3 16.98S-08 167.21E-08 33 3.9b,4.0b
 ISC II 24 03 15 32.8-2.6 16.9S-30 167.3E-20 10 3.8b 5 1-32
 IDC II 24 03 15 14.5-2.1 16.10S 169.13E 0 4.3,4.1b 119579538
 ISCJB II 24 03 15 31.7-2.3 16.9S-30 167.2E-20 10 3.8b,4.1b
 IDC IV 13 11 20 53.4-2.8 13.04S 167.60E 0 3.9,3.7b 119594804

IV 14 05 51 31.1-6.3 20.30S 169.40E 90-55 3.6L,3.6 119594885
 IDC Error ellipse: s-maj=127.8km s-min=44.6km az=157.0.
 IDC IV 17 16 50 18.7-3.6 17.38S 167.87E 0 4.0,3.8b 119595090
 IDC Error ellipse: s-maj=77.1km s-min=39.8km az=101.0.
 IDC IV 23 04 39 09.3-4.5 18.86S 169.31E 0 3.9,3.7 119597761
 IDC Error ellipse: s-maj=102.2km s-min=44.4km az=119.0.
 IDC II 27 15 01 59.8-4.9 16.21S 167.01E 552-347 4.2,3.4 119579985
 IDC Error ellipse: s-maj=1090.0km s-min=76.3km az=69.0.
 IDC II 28 10 56 33.0-6.7 13.45S 166.96E 232-62 4.2,3.9s 119580081
 IDC Error ellipse: s-maj=60.5km s-min=35.2km az=167.0.
 IDC II 28 14 36 02.3-13 15.09S 165.66E 0 3.9,3.8L 119580095
 IDC Error ellipse: s-maj=228.1km s-min=36.1km az=55.0.
 IDC V 21 10 17 17.8-9.8 14.75S 167.50E 126-106 4.1L,3.9 119599225
 IDC Error ellipse: s-maj=216.2km s-min=66.1km az=88.0.
 ISC V 21 19 39 59.1-1.4 14.8S-10 166.8E-10 58-15 4.0b 17 3-147
 IDC V 21 19 39 50.0-1.6 15.04S 167.04E 0 4.6L,4.2 119131850
 ISCJB V 21 19 39 56.9-1.7 14.8S-10 166.7E-10 52-18 4.0b,4.2
 NEIC V 21 19 40 06.8-4.0 14.76S 166.16E 89-29 4.3b,4.2
 ISC Event type se.
 IDC Error ellipse: s-maj=47.8km s-min=22.9km az=130.0.
 ISCJB Event type se. Error ellipse: s-maj=22.6km s-min=12.5km az=104.7.
 NEIC Event type se. Error ellipse: s-maj=35.0km s-min=15.3km az=115.0.
 ISC V 23 15 16 18.4-2.5 18.0S-20 167.4E-20 36-35 3.7s,3.7b 8 1-97
 IDC V 23 15 16 13.4-2.1 17.97S 167.31E 0 4.0,3.8 119599313
 ISCJB V 23 15 16 15.8-3.3 18.00S-09 167.3E-20 27-28 4.2s,3.7b
 ISC V 25 03 20 11.8-1.4 19.3S-10 169.5E-20 259-8 4.1b 23 2-145
 ISCJB V 25 03 20 11.3-1.4 19.3S-10 169.4E-20 266-7 4.1b 119132013
 NEIC V 25 03 20 12.4-1.5 19.45S 169.51E 270-15 4.3b
 IDC V 25 03 20 17.1-1.1 19.70S 169.47E 320-106 4.4,3.9
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=29.5km s-min=16.5km az=74.8.
 NEIC Event type se. Error ellipse: s-maj=32.9km s-min=13.5km az=159.0.
 IDC Error ellipse: s-maj=51.4km s-min=39.6km az=113.0.
 ISC V 25 19 55 48.5-3.8 14.93S-05 167.00E-08 33-26 4.6b,4.1s 89 3-166
 IDC V 25 19 55 43.4-5.8 14.91S 166.91E 0 4.5,4.5L 118648172
 ISCJB V 25 19 55 44.5-3.7 14.95S-05 166.87E-08 16-25 4.6b,4.1s
 HRVD V 25 19 55 48.7-3.0 15.04S 166.73E 29-0 5.0W,4.4s
 BJI V 25 19 55 48.2 14.55S 167.13E 32 5.0b,4.7b
 NEIC V 25 19 55 48.7-3.1 14.95S 166.92E 34-20 4.7b,4.7b
 MOS V 25 19 55 50.2-1.2 14.50S 166.34E 33 5.1b,4.7b
 LDG V 25 19 56 11.9-3.3 16.28S 166.02E 240-0 4.4b,4.7b
 ISC Event type ke.
 IDC Error ellipse: s-maj=20.5km s-min=15.1km az=104.0.
 ISCJB Event type ke. Error ellipse: s-maj=14.1km s-min=7.3km az=144.0.
 HRVD Error ellipse: s-maj=2.2km s-min=3.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid-Moment Tensor Solution. LP body waves: s50,c67; Mantle waves: s62,c84; Half duration: 0.91; Moment tensor: Scale 10¹⁶ Nm; Mr=3.49±13; Mw=0.32±10; Mw=3.17±10; Mw=1.04±17; Mw=0.01±08; Mw=0.64±14; Best double couple: NP1:0.355.00000°,δ39.00000°,λ109.00000°. NP2:0.152.00000°,δ54.00000°,λ75.00000°. Principal axes: T 3.7780,Plg76.0000°,Azml14.0000°; N -0.2240,Plg12.0000°,Azml160.0000°; P -3.5560,Plg8.0000°,Azml252.0000°; Mo3.66700×10¹⁶
 NEIC Event type se. Error ellipse: s-maj=11.6km s-min=7.4km az=80.0.
 MOS Error ellipse: s-maj=13.1km s-min=10.9km az=118.8.
 LDG Event type ke. Error ellipse: s-maj=56.6km s-min=15.5km az=82.0.
 IDC V 24 09 10 09.4-1.8 20.48S 169.07E 0 4.2,4.1 118583693
 IDC Error ellipse: s-maj=68.5km s-min=34.7km az=142.0.
 IDC V 24 21 33 43.0-3.5 20.46S 169.26E 0 5.0s,5.0 1110943051
 IDC Error ellipse: s-maj=148.2km s-min=120.3km az=171.0.
 IDC V 24 22 14 27.3-4.8 13.7S-20 167.3E-10 36-49 4.0b,3.3s 13 20-86
 IDC V 24 22 14 22.2-5.5 13.66S 167.30E 0 4.2,4.0 119131988
 ISCJB V 24 22 14 25.0-8.4 13.7S-20 167.3E-10 35 4.0b,3.3s
 NEIC V 24 22 14 27.1-6.5 13.69S 167.32E 35 4.1b,3.3s
 ISC Event type se.
 IDC Error ellipse: s-maj=103.5km s-min=30.3km az=137.0.
 ISCJB Event type se. Error ellipse: s-maj=25.5km s-min=14.2km az=164.6.
 NEIC Event type se. Error ellipse: s-maj=20.0km s-min=10.7km az=172.0.
 ISC V 13 19 55 43.0-1.9 20.17S-04 169.14E-04 35 5.2b,4.7s 196 3-166
 LDG V 13 19 55 39.1-2.1 20.27S 168.56E 10-0 5.5b,4.7s 118338952
 ISCJB V 13 19 55 41.2-1.9 20.15S-04 169.05E-04 33 5.2b,4.7s
 ORF V 13 19 55 43.6 19.94S 170.15E 30 6.2b,4.7s
 MOS V 13 19 55 48.7-1.5 20.10S 168.99E 95 5.1b,4.8s
 BJI V 13 19 55 49.2 19.76S 169.22E 95 5.1b,5.0b
 IDC V 13 19 55 49.3-3.2 20.16S 168.98E 89-28 5.0,4.7
 HRVD V 13 19 55 50.7-1.0 20.16S 168.88E 39-0 5.4W,4.7
 NEIC V 13 19 55 50.6-1.5 20.17S 169.01E 106-12 5.0b,4.7
 BGS V 13 19 55 52.8-4.6 20.17S 169.01E 100-0 5.0b,4.7
 ISC Event type ke.
 LDG Event type ke. Error ellipse: s-maj=19.3km s-min=3.5km az=130.0.
 ISCJB Event type ke. Error ellipse: s-maj=6.4km s-min=4.6km az=105.1.
 MOS Error ellipse: s-maj=8.8km s-min=8.5km az=119.1.
 IDC Error ellipse: s-maj=13.4km s-min=12.5km az=107.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid-Moment Tensor Solution. LP body waves: s89,c163; Mantle waves: s85,c139; Half duration: 1s; Moment tensor: Scale 10¹⁷Nm; Mr=1.32±0.2; Mw=0.04±0.2; Mw=1.28±0.2; Mw=0.08±0.2; Mw=0.60±0.1; Mw=0.38±0.2; Best double couple: NP1:0.335.00000°,δ38.00000°,λ85.00000°. NP2:0.161.00000°,δ53.00000°,λ94.00000°. Principal axes: T 1.3730,Plg82.0000°,Azml90.0000°; N 0.2030,Plg3.0000°,Azml339.0000°; P -1.5720,Plg7.0000°,Azml248.0000°; Mo1.47300×10¹⁷
 NEIC Event type se. Error ellipse: s-maj=7.3km s-min=6.2km az=148.0.
 BGS Error ellipse: s-maj=223.5km s-min=99.9km az=-1.0.
 IDC V 25 01 12 53.1-4.5 19.88S 169.15E 0 4.1,3.9b 119599378
 IDC Error ellipse: s-maj=126.8km s-min=45.1km az=133.0.
 ISC V 25 02 46 01.4-1.3 14.42S-10 167.39E-10 188-14 4.3b 36 3-154
 LDG V 25 02 45 44.9-1.3 13.45S 167.50E 30-0 4.3b 118440514
 ISCJB V 25 02 45 60.0-1.4 14.38S-09 167.26E-10 185-15 4.3b
 IDC V 25 02 46 00.4-2.5 14.38S 167.34E 175-21 4.5s,4.5
 NEIC V 25 02 46 01.5-1.6 14.38S 167.23E 180-13 4.3b,4.5
 ISC Event type ke.
 LDG Event type ke. Error ellipse: s-maj=20.7km s-min=5.8km az=91.0.
 ISCJB Event type ke. Error ellipse: s-maj=17.1km s-min=13.7km az=80.7.
 IDC Error ellipse: s-maj=20.0km s-min=16.1km az=110.0.
 NEIC Event type se. Error ellipse: s-maj=10.5km s-min=9.5km az=177.0.
 ISC V 24 09 10 26.9-2.7 20.42S-04 169.00E-06 41 5.0b,4.8s 109 3-166
 IDC V 24 09 10 20.8-5.3 20.28S 168.96E 0 4.9s,4.9 119599341
 ISCJB V 24 09 10 25.2-2.7 20.40S-04 168.92E-06 39 5.0b,4.8s
 MOS V 24 09 10 25.9-2.0 20.29S 168.85E 33 5.3b,4.9s
 BJI V 24 09 10 25.2 20.01S 169.25E 35 5.4b,5.0s
 NEIC V 24 09 10 27.0-2.9 20.38S 168.93E 38 5.1b,5.0s
 SZGRF V 24 09 10 26.0 20.13S 170.12E 33 5.1b,5.0s
 ORF V 24 09 10 27.2 19.94S 170.15E 30 5.9b,5.0s
 BGS V 24 09 10 27.3-3.4 20.40S 169.10E 33-0 5.1b,5.0s
 HRVD V 24 09 10 27.0-1.0 20.40S 168.73E 28-0 5.5W,5.0s
 ISC Event type se.
 IDC Error ellipse: s-maj=18.7km s-min=14.7km az=112.0.
 ISCJB Event type se. Error ellipse: s-maj=8.2km s-min=5.8km az=39.9.
 MOS Error ellipse: s-maj=13.3km s-min=9.3km az=115.2.
 NEIC Event type se. Error ellipse: s-maj=11.2km s-min=9.2km az=117.0.
 SZGRF Vanuatu Islands.
 BGS Error ellipse: s-maj=349.0km s-min=99.9km az=-1.0.

HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s83.c170; Mantle waves: s91.c162; Half duration: 1s3 Moment tensor: Scale 1017Nm; Mr:0.58;0.03;0.05;0.02; Mw:1.53;0.02; Mw:0.40;0.04; Mw:0.72;0.02; Mr:1.06;0.04; Best double couple: NP1:0.337,0.0000°; s28.00000°; s88.00000°; NP2:0.159,0.0000°; s62.00000°; s91.00000°; Principal axes: T 1.9230,Plg73.0000°; Azm71.0000°; N 0.2380,Plg11.0000°; Azm338.0000°; P -2.1630,Plg17.0000°; Azm248.0000°; M2.04300x1017								
ISC	V 24 09 45 33.9-26	20.45S-05	169.04E-05	41	5.1b,5.0s	145	3-166		
IDC	V 24 09 45 27.2-56	20.43S	169.00E	0	4.8s,4.8			18440472	
BUI	V 24 09 45 30.6-26	20.15S	169.45E	30	5.4s,5.4b				
MOS	V 24 09 45 31.6-1.3	20.41S	168.98E	33	5.3b,5.3s				
ISCJB	V 24 09 45 32.1-26	20.48S-05	168.93E-05	39	5.1b,5.0s				
SZGRF	V 24 09 45 32.5	19.78S	170.93E	33	5.7b,5.0s				
BGS	V 24 09 45 34.0-3.6	20.42S	168.99E	33-0	5.2b,5.0s				
HRVD	V 24 09 45 34.3-20	20.45S	168.73E	29-0	5.5W,5.0s				
NEIC	V 24 09 45 34.3-30	20.42S	168.95E	40	5.2b,5.0s				
LDG	V 24 09 45 34.5-15	19.69S	167.57E	10-0	5.2b,5.1s				
ISC	Event type ke.								
IDC	Error ellipse: s-maj=23.3km s-min=14.8km az=141.0.								
MOS	Error ellipse: s-maj=10.5km s-min=9.8km az=43.9.								
ISCJB	Event type ke. Error ellipse: s-maj=8.2km s-min=5.3km az=90.1.								
SZGRF	Vanuatu Islands.								
BGS	Error ellipse: s-maj=440.5km s-min=999.9km az=-1.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s88.c154; Mantle waves: s89.c154; Half duration: 1s4 Moment tensor: Scale 1017Nm; Mr:2.07;0.13;0.03; Mw:1.94;0.04; Mw:0.59;0.07; Mw:0.97;0.03; Mr:1.29;0.06; Best double couple: NP1:0.337,0.0000°; s29.00000°; s91.00000°; NP2:0.156,0.0000°; s61.00000°; s89.00000°; Principal axes: T 2.4840,Plg74.0000°; Azm64.0000°; N 0.2910,Plg11.0000°; Azm156.0000°; P -2.7760,Plg16.0000°; Azm246.0000°; M2.63000x1017								
NEIC	Event type se. Error ellipse: s-maj=12.9km s-min=7.9km az=149.0.								
LDG	Event type ke. Error ellipse: s-maj=19.0km s-min=4.2km az=107.0.								
ISC	V 24 21 32 48.2-3.0	20.42S-05	169.13E-08	8-17	5.0b,4.7s	113	3-166		
IDC	V 24 21 32 46.7-61	20.34S	169.04E	0	4.8,4.8			18358480	
ISCJB	V 24 21 32 48.4-2.5	20.43S-05	169.04E-07	18-16	5.0b,4.7s				
MOS	V 24 21 32 51.9-2.1	20.40S	168.91E	33	5.3b,4.5s				
LDG	V 24 21 32 53.1-16	20.02S	168.37E	30-0	5.3b,4.5s				
NEIC	V 24 21 32 53.8-1.6	20.45S	169.04E	49-13	5.0b,4.5s				
ORF	V 24 21 32 53.1	19.94S	170.15E	30	5.9b,4.5s				
BUI	V 24 21 32 56.3	20.15S	169.46E	86	5.0b,4.8s				
BGS	V 24 21 32 57.9-2.8	20.41S	169.00E	72-0	5.0b,4.8s				
HRVD	V 24 21 32 57.7-20	20.36S	168.71E	26-0	5.3W,4.8s				
SZGRF	V 24 21 33 15.9	20.20S	169.96E	225	5.3W,4.8s				
ISC	Event type ke.								
IDC	Error ellipse: s-maj=18.9km s-min=16.1km az=112.0.								
ISCJB	Event type ke. Error ellipse: s-maj=11.8km s-min=8.3km az=172.6.								
MOS	Error ellipse: s-maj=12.4km s-min=9.3km az=126.4.								
LDG	Event type ke. Error ellipse: s-maj=14.9km s-min=3.3km az=121.0.								
NEIC	Event type se. Error ellipse: s-maj=11.1km s-min=8.6km az=87.0.								
BGS	Error ellipse: s-maj=153.4km s-min=999.9km az=-1.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s81.c135; Mantle waves: s83.c121; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr:0.90;0.02;0.04; Mw:0.86;0.02; Mw:0.28;0.04; Mw:0.44;0.01; Mr:0.73;0.04; Best double couple: NP1:0.335,0.0000°; s26.00000°; s87.00000°; NP2:0.158,0.0000°; s64.00000°; s92.00000°; Principal axes: T 1.1770,Plg71.0000°; Azm72.0000°; N 0.1530,Plg2.0000°; Azm338.0000°; P -1.3300,Plg19.0000°; Azm247.0000°; M1.25300x1017								
SZGRF	Vanuatu Islands.								
LDG	V 16 01 37 18.2-39	14.98S	166.56E	10-0				18339052	
LDG	Event type ke. Error ellipse: s-maj=100.1km s-min=7.5km az=86.0.								
ISC	V 26 11 33 42.1-4.7	13.75S-30	167.1E-20	269-54	3.6b	13	8-96		
IDC	V 26 11 33 40.0-5.1	13.62S	167.06E	241-51	4.0s,4.0			18132115	
ISCJB	V 26 11 33 41.9-4.8	13.75S-30	167.0E-20	277-55	3.6b,4.0				
NEIC	V 26 11 33 41.8-4.7	13.70S	167.10E	267-54	4.0b,4.0				
ISC	Event type se.								
IDC	Error ellipse: s-maj=42.5km s-min=25.4km az=161.0.								
ISCJB	Event type se. Error ellipse: s-maj=50.1km s-min=28.1km az=126.1.								
NEIC	Event type se. Error ellipse: s-maj=58.0km s-min=22.2km az=160.0.								
ISC	V 04 05 53 51.8-26	15.66S-03	167.86E-06	146	4.9b	138	2-169		
LDG	V 04 05 53 34.4-47	15.79S	167.40E	10-0	5.3b			110698269	
MOS	V 04 05 53 48.2-1.4	15.50S	167.71E	117	5.1b				
BUI	V 04 05 53 50.6	15.21S	167.77E	134	5.3b,5.1b				
IDC	V 04 05 53 50.8-1.8	15.58S	167.79E	138-14	4.9,4.6				
ISCJB	V 04 05 53 50.2-26	15.63S-03	167.77E-06	144	5.0b,4.6				
NEIC	V 04 05 53 52.5-19	15.65S	167.79E	153	4.9b,4.6				
ISC	Event type ke.								
LDG	Event type ke. Error ellipse: s-maj=52.5km s-min=27.8km az=16.0.								
MOS	Error ellipse: s-maj=10.8km s-min=9.1km az=112.4.								
IDC	Error ellipse: s-maj=16.1km s-min=12.2km az=84.0.								
ISCJB	Event type ke. Error ellipse: s-maj=7.8km s-min=4.8km az=169.1.								
NEIC	Event type se. Error ellipse: s-maj=6.9km s-min=5.9km az=123.0.								
IDC	V 13 15 39 29.9-87	14.08S	166.20E	0	4.0,3.8b			18598856	
IDC	Error ellipse: s-maj=1463.0km s-min=117.8km az=63.0.								
IDC	V 24 13 14 35.5-63	15.18S	167.56E	0	4.2,4.0b			18599346	
IDC	Error ellipse: s-maj=1059.0km s-min=109.6km az=67.0.								
ISC	V 31 00 35 40.1-1.0	15.63S-07	167.50E-08	128-10	4.1b	22	2-147		
LDG	V 31 00 35 26.6-61	15.07S	167.31E	10-0	4.4b			18443049	
ISCJB	V 31 00 35 39.0-1.0	15.66S-07	167.49E-08	137-10	4.1,4.1				
IDC	V 31 00 35 40.1-6.5	15.63S	167.42E	128-64	4.4,4.4				
NEIC	V 31 00 35 40.6-1.1	15.65S	167.45E	130-9	4.0b,4.1				
ISC	Event type ke.								
LDG	Event type ke. Error ellipse: s-maj=80.8km s-min=41.7km az=37.0.								
ISCJB	Event type ke. Error ellipse: s-maj=13.6km s-min=11.4km az=117.8.								
IDC	Error ellipse: s-maj=55.2km s-min=36.1km az=154.0.								
NEIC	Event type se. Error ellipse: s-maj=9.9km s-min=8.0km az=212.0.								
ISC	V 01 08 19 54.3-1.9	17.99S-08	167.8E-10	14-14	4.1s,3.8b	14	1-166		
IDC	V 01 08 19 51.5-89	17.82S	167.78E	0	4.0,4.0			18598326	
ISCJB	V 01 08 19 52.2-61	17.99S-08	167.67E-09	10	4.1s,3.8b				
ISC	V 01 12 49 37.6-3.1	13.75S-20	167.2E-10	250-31	3.9b	15	8-149		
IDC	V 01 12 49 34.4-3.9	13.55S	167.13E	214-39	4.2,3.8			18321446	
ISCJB	V 01 12 49 37.5-3.0	13.75S-20	167.1E-10	261-30	3.9b,3.8				
NEIC	V 01 12 49 38.2-2.4	13.77S	167.12E	254-23	3.9b,3.8				
ISC	Event type se.								
IDC	Error ellipse: s-maj=25.2km s-min=17.6km az=171.0.								
ISCJB	Event type se. Error ellipse: s-maj=27.1km s-min=20.2km az=10.8.								
NEIC	Event type se. Error ellipse: s-maj=21.8km s-min=11.6km az=188.0.								
ISC	V 03 08 07 17.8-3.2	18.03S-08	168.7E-40	127-6	4.4b	14	1-48		
IDC	V 03 08 07 16.8-3.1	18.04S-08	168.6E-40	134-6	4.3b			18130738	
ISCJB	V 03 08 07 20.2-7.3	18.11S	168.50E	138-26	4.6,4.2				
NEIC	V 03 08 07 22.4-8.9	18.15S	168.20E	138-19	4.3b,4.2				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=65.7km s-min=12.9km az=6.0.								
IDC	Error ellipse: s-maj=107.3km s-min=26.1km az=89.0.								
NEIC	Event type se. Error ellipse: s-maj=180.5km s-min=15.5km az=80.0.								
ISC	V 03 22 59 40.0-2.2	15.25S-10	167.6E-20	128-16	3.9b	13	2-63		
ISCJB	V 03 22 59 38.9-2.1	15.35S-10	167.6E-20	134-16	3.8b			18130764	
IDC	V 03 22 59 42.2-9.3	15.33S	167.47E	140-106	4.1L,4.1				
NEIC	V 03 22 59 45.1-4.2	15.53S	167.24E	149-21	4.0b,4.1				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=31.2km s-min=19.6km az=123.5.								
IDC	Error ellipse: s-maj=211.4km s-min=66.0km az=90.0.								
NEIC	Event type se. Error ellipse: s-maj=56.2km s-min=13.7km az=223.0.								
ISC	V 04 02 12 40.1-1.8	18.81S-10	169.4E-20	213-7	4.1b	14	2-147		
ISCJB	V 04 02 12 39.7-1.8	18.78S-10	169.3E-20	220-7	4.1b			18130774	
IDC	V 04 02 12 41.4-2.5	19.01S	169.38E	230-25	4.4,4.0				

NEIC	V 04 02 12 42.7-1.9	19.02S	169.32E	242-19	4.2b,4.0				
ISC	Event type se.								
ISCJB	Error ellipse: s-maj=36.2km s-min=12.4km az=35.0.								
IDC	Error ellipse: s-maj=39.2km s-min=21.8km az=159.0.								
NEIC	Event type se. Error ellipse: s-maj=34.4km s-min=19.2km az=164.0.								
ISC	V 04 10 29 23.5-1.3	18.02S-09	168.0E-20	33-12	3.9b,3.5s	11	0-124		
IDC	V 04 10 29 18.6-1.3	17.89S	167.93E	0					

ISCJB	V	24 12 18 12.0-1.4	14.69S-06	167.30E-09	190-12	4.3b,4.6			
NEIC	V	24 12 18 11.9-1.5	14.58S	167.31E	178-12	4.4b,4.6			
BJJ	V	24 12 18 11.3	14.60S	167.30E	177	4.7b,4.5b			
ISC	Event type ke.								
LDG	Event type ke. Error ellipse: s-maj=24.7km s-min=9.2km az=91.0.								
IDC	Error ellipse: s-maj=22.2km s-min=15.9km az=120.0.								
ISCJB	Event type ke. Error ellipse: s-maj=15.1km s-min=9.8km az=160.5.								
NEIC	Event type se. Error ellipse: s-maj=14.7km s-min=10.0km az=74.0.								
ISC	I	01 20 18 58.7-4.0	15.34S-09	166.3E-10	31-31	3.8b	9	3-97	
ISCJB	I	01 20 18 56.0-3.8	15.40S-09	166.2E-10	25-30	3.8b			¶19476408
IDC	I	01 20 18 56.1-2.2	15.50S	165.40E	0	4.4L,4.1			
ISCJB	Error ellipse: s-maj=25.5km s-min=7.9km az=113.3.								
IDC	Error ellipse: s-maj=65.3km s-min=29.7km az=77.0.								
IDC	I	23 07 00 21.9-5.8	17.60S	167.89E	0	4.0,3.8b			¶19485079
IDC	Error ellipse: s-maj=155.6km s-min=49.5km az=120.0.								
IDC	I	23 06 06 44.1-1.8	17.48S	167.96E	0	5.0,4.8b			¶19485071
IDC	Error ellipse: s-maj=66.1km s-min=43.6km az=150.0.								
IDC	I	23 06 06 24.6-1.4	17.41S	168.32E	0	5.0,4.9b			¶18079125
IDC	Error ellipse: s-maj=85.3km s-min=35.4km az=88.0.								
IDC	I	14 17 59 36.3-18	13.26S	167.23E	138-158	4.0,3.8			¶19481455
IDC	Error ellipse: s-maj=114.9km s-min=50.5km az=126.0.								
ISC	I	07 01 49 58.9-1.2	17.82S-08	168.0E-20	30-12	4.2b,3.5s	17	0-150	
ISCJB	I	07 01 49 57.4-1.5	17.84S-08	167.9E-20	28-15	4.2b,3.5s			¶19478456
NEIC	I	07 01 50 00.5-3.6	17.79S	167.93E	39-32	4.4b,3.5s			
IDC	I	07 01 50 02.1-6.4	18.00S	168.04E	70-64	4.1L,4.0			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=25.5km s-min=11.5km az=32.0.								
NEIC	Event type se. Error ellipse: s-maj=28.8km s-min=21.4km az=184.0.								
IDC	Error ellipse: s-maj=53.8km s-min=35.3km az=150.0.								
ISC	I	07 07 29 41.5-9.8	19.50S-09	169.6E-10	231-7	3.8b	18	2-145	
ISCJB	I	07 07 29 40.3-1.0	19.49S-09	169.6E-10	239-7	3.8b			¶19478521
IDC	I	07 07 29 41.4-1.9	19.58S	169.57E	234-21	4.1,3.7			
NEIC	I	07 07 29 41.5-1.5	19.65S	169.60E	239-18	4.1b,3.7			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=19.3km s-min=11.4km az=71.7.								
IDC	Error ellipse: s-maj=41.4km s-min=15.4km az=164.0.								
NEIC	Event type se. Error ellipse: s-maj=40.4km s-min=11.6km az=164.0.								
ISC	I	19 18 43 16.3-1.7	17.49S-05	167.79E-09	10-11	4.7b,4.2s	46	0-166	
ISCJB	I	19 18 43 13.8-1.8	17.51S-05	167.67E-08	3-12	4.7b,4.2s			¶18078879
NEIC	I	19 18 43 15.3-3.3	17.39S	167.89E	10	5.0b,4.7s			
HRVD	I	19 18 43 15.3-6.0	17.37S	167.53E	22-2	4.9W,4.7s			
BJJ	I	19 18 43 16.2	17.40S	167.90E	10	5.5b,4.6b			
LDG	I	19 18 43 17.1-12	17.32S	167.04E	10-0	5.4b,4.4s			
IDC	I	19 18 43 19.4-5.1	17.45S	167.74E	35-38	4.7L,4.5			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=13.7km s-min=8.7km az=155.6.								
NEIC	Event type se. Error ellipse: s-maj=11.1km s-min=8.7km az=83.0.								
HRVD	Error ellipse: s-maj=4.4km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s11,c14; Mantle waves: s61,c78; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _r -0.04±17; M _θ -2.43±17; M _φ -0.88±29; M _{xx} -0.93±13; M _{yy} -1.55±35; Best double couple: NP1:φ ₁ 38.00000°,φ ₂ 1.00000°,λ-171.00000°; NP2:φ ₁ 303.00000°,φ ₂ 82.00000°,λ-30.00000°. Principal axes: T 2.7920,Plg14.0000°,AzM354.0000°; N 0.6540,Plg59.0000°,AzM109.0000°; P -3.4490,Plg27.0000°,AzM257.0000°; M ₃ 3.12100×10 ¹⁶								
LDG	Event type ke. Error ellipse: s-maj=18.9km s-min=3.6km az=88.0.								
IDC	Error ellipse: s-maj=26.4km s-min=16.6km az=71.0.								
ISC	I	21 17 56 00.6-8.8	17.52S-09	167.8E-20	26-46	4.4b	15	5-85	
IDC	I	21 17 55 57.2-3.1	17.47S	167.68E	0	4.1,4.0b			¶19484559
ISCJB	I	21 17 56 00.0-6.6	17.56S-09	167.6E-20	26-45	4.4b,4.0b			
NEIC	I	21 17 56 03.5-3.5	17.63S	167.66E	44-28	4.7b,4.0b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=65.0km s-min=30.8km az=97.0.								
ISCJB	Event type se. Error ellipse: s-maj=35.0km s-min=15.5km az=169.1.								
NEIC	Event type se. Error ellipse: s-maj=30.4km s-min=23.6km az=217.0.								
ISC	I	23 07 44 23.0-1.5	17.55-20	168.0E-30	43-30	4.1b,4.1s	8	0-149	
LDG	I	23 07 44 20.5-27	17.20S	167.32E	10-0	4.7b,4.1s			¶18079127
ISCJB	I	23 07 44 21.7-1.7	17.55-20	167.9E-30	46-29	4.1s,4.0b			
IDC	I	23 07 44 23.1-6.4	17.51S	167.88E	41-60	4.2s,4.2			
ISC	Event type ke.								
LDG	Event type ke. Error ellipse: s-maj=36.8km s-min=4.5km az=92.0.								
ISCJB	Event type ke. Error ellipse: s-maj=51.9km s-min=13.2km az=51.6.								
IDC	Error ellipse: s-maj=46.4km s-min=37.8km az=100.0.								
ISC	I	24 16 42 44.4-2.3	14.35S-10	167.2E-20	177-19	3.7b	8	8-125	
ISCJB	I	24 16 42 44.8-2.3	14.35S-10	167.1E-20	196-20	3.6b			¶19485559
IDC	I	24 16 42 44.5-2.8	14.29S	167.15E	173-24	4.1,3.6			
NEIC	I	24 16 42 44.8-1.8	14.32S	167.17E	176-16	4.1,3.6			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=33.5km s-min=10.4km az=130.1.								
IDC	Error ellipse: s-maj=28.6km s-min=17.4km az=75.0.								
NEIC	Event type se. Error ellipse: s-maj=25.6km s-min=14.8km az=72.0.								
IDC	I	01 16 57 32.9-18	15.52S	167.33E	264-165	3.8,3.3			¶19476357
IDC	Error ellipse: s-maj=75.5km s-min=23.5km az=73.0.								
IDC	I	08 07 14 21.1-2.4	13.29S	167.23E	0	4.6,4.4b			¶19478863
IDC	Error ellipse: s-maj=88.2km s-min=51.8km az=9.0.								
IDC	I	26 14 18 44.9-7.7	14.48S	166.96E	197-75	3.8,3.5			¶19486411
IDC	Error ellipse: s-maj=68.9km s-min=41.4km az=157.0.								
ISC	I	02 08 18 47.6-9.0	15.67S-06	167.72E-08	124-8	4.7b	63	2-151	
LDG	I	02 08 18 34.0-4.7	16.06S	166.62E	10-0	4.9b			¶18012038
ISCJB	I	02 08 18 46.5-9.2	15.67S-06	167.65E-08	127-8	4.7b			
NEIC	I	02 08 18 48.4-1.5	15.67S	167.66E	132-13	4.7b			
ISC	I	02 08 18 50.4-2.8	15.77S	167.58E	147-23	5.3s,5.3			
MOS	I	02 08 18 50.6-1.3	15.36S	167.03E	138	4.9b,5.3			
BJJ	I	02 08 18 52.6	14.79S	167.07E	131	5.8b,4.9b			
ISC	Event type ke.								
LDG	Event type ke. Error ellipse: s-maj=76.8km s-min=34.5km az=41.0.								
ISCJB	Event type ke. Error ellipse: s-maj=12.7km s-min=8.8km az=147.5.								
NEIC	Event type se. Error ellipse: s-maj=12.4km s-min=8.5km az=66.0.								
IDC	Error ellipse: s-maj=25.0km s-min=14.7km az=63.0.								
MOS	Error ellipse: s-maj=26.9km s-min=20.6km az=124.6.								
ISC	I	02 17 24 31.8-2.7	13.95S-10	167.1E-20	263-27	3.8b	13	8-119	
ISCJB	I	02 17 24 31.4-2.7	13.85S-10	167.0E-20	275-28	3.8b			¶19476760
NEIC	I	02 17 24 31.1-2.0	13.86S	167.05E	257-19	4.2b			
IDC	I	02 17 24 32.2-4.5	13.90S	166.96E	265-48	4.0,3.6			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=34.4km s-min=22.4km az=172.1.								
NEIC	Event type se. Error ellipse: s-maj=19.9km s-min=15.9km az=81.0.								
IDC	Error ellipse: s-maj=42.6km s-min=30.4km az=124.0.								
ISC	I	04 03 10 39.1-58	18.68S-05	169.02E-06	216-4	4.6b	79	1-167	
SZGRF	I	04 03 10 11.9	20.72S	168.78E	33	4.6b			¶18029730
LDG	I	04 03 10 17.0-36	17.02S	169.20E	10-0	5.0b			
ISCJB	I	04 03 10 38.5-58	18.63S-05	168.95E-06	222-4	4.6b			
BJJ	I	04 03 10 38.2	18.48S	169.33E	226	5.2b,4.7b			
NEIC	I	04 03 10 39.8-1.0	18.66S	169.02E	225-9	4.6b,4.3b			
IDC	I	04 03 10 40.2-1.2	18.69S	168.94E	226-10	4.8,4.3b			
MOS	I	04 03 10 42.0-1.3	18.59S	168.97E	251	4.7b,4.3b			
ISC	Event type ke.								
SZGRF	Loyalty Islands.								
LDG	Event type ke. Error ellipse: s-maj=42.7km s-min=9.8km az=108.0.								
ISCJB	Event type ke. Error ellipse: s-maj=10.5km s-min=7.7km az=67.1.								
NEIC	Event type se. Error ellipse: s-maj=8.0km s-min=7.4km az=193.0.								
IDC	Error ellipse: s-maj=12.6km s-min=10.4km az=133.0.								
MOS	Error ellipse: s-maj=14.2km s-min=12.4km az=36.6.								
ISC	I	04 14 07 31.5-78	15.26S-05	167.44E-06	148-7	4.5b	52	3-151	

LDG	I	04 14 07 16.4-28	14.35S	167.36E	10-0	4.9b			¶18029748
BJJ	I	04 14 07 28.3	15.20S	167.40E	139	5.1b,4.7b			
ISCJB	I	04 14 07 30.4-83	15.28S-05	167.40E-06	152-7	4.5b,4.7b			
IDC	I	04 14 07 30.8-2.1	15.20S	167.42E	143-18	4.6,4.2			
NEIC	I	04 14 07 30.4-99	15.24S	167.42E	139-8	4.6b,4.2			
ISC	Event type ke.								
LDG	Event type ke. Error ellipse: s-maj=37.3km s-min=11.0km az=91.0.								
ISCJB	Event type ke. Error ellipse: s-maj=10.6km s-min=7.4km az=98.9.								
IDC	Error ellipse: s-maj=14.9km s-min=12.3km az=67.0.								
NEIC	Event type se. Error ellipse: s-maj=7.4km s-min=7.1km az=60.0.								
ISC	I	10 16 56 33.3-2.0	13.93S-08	166.7E-20	54-17	4.1b	13	8-125	
ISCJB	I	10 16 56 31.3-2.4	14.00S-08	166.6E-20	49-20	4.1b			¶19479984
IDC	I	10 16 56 33.5-7.1	13.98S	166.74E	58-68	4.2,4.1			
NEIC	I	10 16 56 33.4-1.4	13.96S	166.69E	55-12	4.2,4.1			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=26.3km s-min=12.4km az=148.1.								
IDC	Error ellipse: s-maj=49.8km s-min=32.8km az=146.0.								
NEIC	Event type se. Error ellipse: s-maj=16.8km s-min=10.6km az=74.0.								
ISC	I	11 23 02 02.3-60	13.65S-10	167.8E-10	35	4.4b	18	9-148	
IDC	I	11 23 01 56.9-2.8	13.66S	167.85E	0	4.0b,4.0			¶19480491
NEIC	I	11 23 01 59.3-3.0	13.64S	167.79E	15	4.7b,4.0			
ISCJB	I	11 23 02 00.7-66	13.7S-10	167.6E-10	33	4.3b,4.0			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	I	21 05 05 55.9-26	13.15S-04	167.03E-06	177	5.1b	140	8-170	
CSEM	I	21 05 05 38.1	13.07S	167.06E	33	5.6b			¶18078980
LDG	I	21 05 05 48.8-17	12.59S	167.22E	120-0	5.2b			
ISCJB	I	21 05 05 54.3-25	13.14S-04	166.92E-05	175	5.1b			
BJJ	I	21 05 05 55.5	12.67S	166.68E	160	5.1b,5.0b			
IDC	I	21 05 05 55.4-61	13.14S	166.89E	174-5	5.2,4.8			
NEIC	I	21 05 05 55.4-16	13.11S	167.01E	177	5.1b,4.8			
HRVD	I	21 05 05 55.4-40	13.17S	166.93E	175-3	5.2W,4.8			
MOS	I	21 05 05 57.2-94	13.10S	166.87E	196	5.1b,4.8			
ISC	Event type ke.								
LDG	Event type ke. Error ellipse: s-maj=23.1km s-min=7.8km az=88.0.								
ISCJB	Event type ke. Error ellipse: s-maj=6.8km s-min=5.1km az=160.1.								
IDC	Error ellipse: s-maj=10.8km s-min=9.5km az=100.0.								
NEIC	Event type se. Error ellipse: s-maj=6.4km s-min=5.3km az=112.0.								
HRVD	nsta1 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s26,c33; Mantle waves: s69,c105; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _r -4.61±25; M _θ -0.17±28; M _φ -4.78±25; M _{xx} -3.04±23; M _{yy} -3.52±32; M _{zz} -1.28±24; Best double couple: NP1:φ ₁ 182.00000°,φ ₂ 83.00000°,λ135.00000°; NP2:φ ₁ 303.00000°,φ ₂ 56.00000°,λ47.00000°. Principal axes: T 6.8450,Plg56.0000°,AzM154.0000°; N -0.2300,Plg34.0000°,AzM331.0000°; P -6.6150,Plg2.0000°,AzM62.0000°; M ₆ 7.3000×10 ¹⁶								
MOS	Error ellipse: s-maj=10.0km s-min=8.9km az=120.2.								
ISC	I	22 05 44 46.3-98	13.8S-10	167.2E-20					

; N -0.1530,Plg14.0000°,AzM17.0000°; P -0.7730,Plg75.0000°,AzM186.0000°
M₀.84900×10¹⁷

IDC Error ellipse: s-maj=17.4km s-min=15.6km az=67.0.

ISC	I	20 17 51 56.7-18	22.49S-04	173.98E-04	39	5.4s,5.2b	206	7-168
LDG	I	20 17 51 49.5-16	22.23S	174.46E	10-0	5.3s,5.1b		¶18078938
MOS	I	20 17 51 51.2-15	22.38S	173.99E	10	5.6b,5.3s		
NEIC	I	20 17 51 52.0-19	22.40S	173.97E	10	5.7W,5.5S		
BJI	I	20 17 51 52.9	22.40S	174.00E	20	5.5b,5.3s		
ISCJB	I	20 17 51 52.2-18	22.47S-04	173.93E-04	18	5.4s,5.2b		
HRVD	I	20 17 51 52.0-10	22.35S	174.07E	12	5.7W,5.2b		
SZGRF	I	20 17 51 53.8	22.96S	173.59E	33	5.6b,5.2b		
IDC	I	20 17 51 57.2-1.9	22.39S	173.97E	49-16	5.3,5.2s		
ORF	I	20 17 52 28.3	7.23S	166.26E	30	5.8b,5.2s		

ISC Event type se.
LDG Event type ke. Error ellipse: s-maj=15.7km s-min=4.1km az=172.0.
MOS Error ellipse: s-maj=9.0km s-min=8.0km az=45.9.
NEIC Event type se. Error ellipse: s-maj=7.9km s-min=5.5km az=146.0. Moment Tensor Solution. s11 Moment tensor: Scale 1017Nm; M₁₁:1.71 M₂₂:1.69 M₃₃:3.40 M₁₂:0.08 M₁₃:0.83 M₂₃:2.90
Best double couple: NP1:φ:45.00000°,λ:836.00000°,λ:157.00000°. NP2:φ:153.00000°,λ:877.00000°,λ:567.00000°. Principal axes: T 4.6900,Plg47.0000°,AzM28.0000°; N 0.0200,Plg33.0000°,AzM162.0000°; P -4.7100,Plg25.0000°,AzM269.0000°
M₀.4.70000×10¹⁷

ISCJB Event type ke. Error ellipse: s-maj=6.5km s-min=4.8km az=121.3.
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s72,c139; Mantle waves: s91,c194; Half duration: 1s7 Moment tensor: Scale 1017Nm; M₁₁:1.39±.04 M₂₂:2.66±.03; M₃₃:1.27±.04; M₁₂:0.32±.10; M₁₃:0.96±.03; M₂₃:2.41±.12; Best double couple: NP1:φ:246.00000°,λ:830.00000°,λ:24.00000°. NP2:φ:134.00000°,λ:878.00000°,λ:118.00000°. Principal axes: T 3.9190,Plg49.0000°,AzM74.0000°; N 0.4680,Plg27.0000°,AzM308.0000°; P -4.3880,Plg28.0000°,AzM202.0000°
M₀.4.15400×10¹⁷

SZGRF Southeast of Loyalty Islands.
IDC Error ellipse: s-maj=15.5km s-min=12.7km az=165.0.

SEISMIC REGION 15.
Bismarck and Solomon Islands.

(190) New Ireland region.

ISC	IV	22 13 20 31.4-1.3	3.97S-06	151.36E-06	68-12	4.7b	113	7-156
IDC	IV	22 13 20 22.9-57	3.76S	151.28E	0	4.5,4.5		¶18320996
MOS	IV	22 13 20 26.5-1.1	3.64S	151.20E	33	5.1b,4.5		
ISCJB	IV	22 13 20 28.6-1.4	3.87S-06	151.30E-06	54-13	4.8b,4.3s		
NEIC	IV	22 13 20 30.6-1.4	3.86S	151.23E	63-13	4.9b,4.3s		
HRVD	IV	22 13 20 30.6-2.0	3.63S	151.40E	89-3	5.3W,4.3s		
BJI	IV	22 13 20 31.0	3.90S	151.20E	62	5.1b,4.9s		

ISC Event type se.
IDC Error ellipse: s-maj=20.7km s-min=14.2km az=95.0.
MOS Error ellipse: s-maj=13.4km s-min=8.2km az=90.3.
ISCJB Event type se. Error ellipse: s-maj=10.4km s-min=9.4km az=41.0.
NEIC Event type se. Error ellipse: s-maj=9.4km s-min=8.5km az=110.0.
HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s7,c8; Mantle waves: s71,c117; Half duration: 1s1 Moment tensor: Scale 1017 Nm; M₁₁:0.91±.03 M₂₂:0.23±.02; M₃₃:1.14±.02; M₁₂:0.06±.02; M₁₃:0.21±.02; M₂₃:0.11±.03; Best double couple: NP1:φ:355.00000°,λ:842.00000°,λ:95.00000°. NP2:φ:168.00000°,λ:848.00000°,λ:85.00000°. Principal axes: T 0.9180,Plg85.0000°,AzM34.0000°; N 0.2570,Plg4.0000°,AzM171.0000°; P -1.1780,Plg3.0000°,AzM261.0000°
M₀.1.04800×10¹⁷

IDC	IV	27 21 09 49.6-3.8	5.84S	153.61E	0	4.1,4.0		¶19598102
IDC	IV	19 15 00 54.3-2.4	1.8S-10	151.2E-10	74-23	4.0b	20	9-148
ISCJB	IV	19 15 00 52.3-3.4	1.8S-10	151.1E-10	71-32	4.0b		¶19597501
IDC	IV	19 15 00 53.7-4.2	1.77S	151.15E	68-40	4.2,4.0		
NEIC	IV	19 15 00 54.7-1.9	1.79S	151.14E	80-18	4.2b,4.0		

ISC Event type se.
ISCJB Event type se. Error ellipse: s-maj=24.7km s-min=15.6km az=120.2.
IDC Error ellipse: s-maj=25.3km s-min=20.4km az=139.0.
NEIC Event type se. Error ellipse: s-maj=16.6km s-min=10.7km az=147.0.

ISC	IV	02 10 16 07.4-1.6	3.6S-10	151.6E-20	376-16	3.7b	18	7-149
ISCJB	IV	02 10 16 06.3-1.7	3.7S-10	151.6E-20	377-17	3.7b		¶19594102
NEIC	IV	02 10 16 06.2-2.0	3.56S	151.57E	361-21	3.9b		
IDC	IV	02 10 16 07.7-2.1	3.84S	151.76E	384-20	4.0,3.5		

ISC Event type se.
ISCJB Event type se. Error ellipse: s-maj=34.9km s-min=13.1km az=56.5.
NEIC Event type se. Error ellipse: s-maj=28.1km s-min=15.7km az=116.0.
IDC Error ellipse: s-maj=44.7km s-min=10.9km az=121.0.

ISC	IV	19 01 23 52.9-2.4	3.98S-08	151.44E-09	63-23	4.7b	72	7-149
MOS	IV	19 01 23 47.8-98	3.88S	151.45E	33	4.9b		¶18494271
ISCJB	IV	19 01 23 50.0-2.9	3.90S-08	151.35E-09	49-26	4.7b,4.2b		
BJI	IV	19 01 23 50.0	4.00S	151.30E	76	5.2b,5.0s		
IDC	IV	19 01 23 53.5-4.7	3.99S	151.39E	75-43	4.5,4.4		
HRVD	IV	19 01 23 54.1-30	3.68S	151.40E	83-4	5.3W,4.4		
NEIC	IV	19 01 23 54.1-2.3	3.98S	151.28E	76-21	4.6b,4.4		

ISC Event type se.
MOS Error ellipse: s-maj=17.2km s-min=9.9km az=72.7.
ISCJB Event type se. Error ellipse: s-maj=14.4km s-min=13.0km az=141.9.
IDC Error ellipse: s-maj=23.7km s-min=20.3km az=66.0.
HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s10,c12; Mantle waves: s66,c102; Half duration: 1s0 Moment tensor: Scale 1017Nm; M₁₁:0.79±.03 M₂₂:0.16±.03; M₃₃:0.94±.03; M₁₂:0.01±.02; M₁₃:0.41±.03; M₂₃:0.07±.03; Best double couple: NP1:φ:340.00000°,λ:843.00000°,λ:88.00000°. NP2:φ:163.00000°,λ:847.00000°,λ:92.00000°. Principal axes: T 0.7940,Plg88.0000°,AzM104.0000°; N 0.2900,Plg1.0000°,AzM342.0000°; P -1.0840,Plg2.0000°,AzM252.0000°
M₀.93900×10¹⁷

NEIC Event type se. Error ellipse: s-maj=12.3km s-min=10.9km az=66.0.

ISC	IV	29 23 01 22.7-1.7	5.4S-10	153.60E-06	98-16	3.9b	25	7-151
ISCJB	IV	29 23 01 20.0-2.2	5.4S-10	153.59E-06	85-20	3.9b		¶19598221
NEIC	IV	29 23 01 22.4-1.6	5.47S	153.64E	97-15	4.2b		
IDC	IV	29 23 01 22.2-4.1	5.54S	153.65E	96-36	4.2,4.0		

ISC Event type se.
ISCJB Event type se. Error ellipse: s-maj=20.6km s-min=9.6km az=173.4.
NEIC Event type se. Error ellipse: s-maj=15.6km s-min=11.1km az=160.0.
IDC Error ellipse: s-maj=22.6km s-min=21.9km az=77.0.

ISC	IV	20 21 08 43.3-1.4	5.68S-10	153.5E-10	10	4.2b,4.0s	25	7-151
IDC	IV	20 21 08 40.1-1.9	5.80S	153.63E	0	4.1,4.0		¶19597563
ISCJB	IV	20 21 08 42.1-7.4	5.61S-10	153.3E-10	10	4.2b,4.0s		
NEIC	IV	20 21 08 43.2-8.0	5.60S	153.37E	10	4.5b,4.0s		

ISC Event type se.
IDC Error ellipse: s-maj=64.9km s-min=20.1km az=124.0.
ISCJB Event type se. Error ellipse: s-maj=20.0km s-min=9.2km az=73.2.
NEIC Event type se. Error ellipse: s-maj=24.6km s-min=12.3km az=114.0.

IDC	IV	06 03 22 51.3-3.0	3.81S	151.43E	0	4.4,4.2		¶19594347
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IDC Error ellipse: s-maj=111.0km s-min=40.6km az=121.0.
IDC IV 06 12 35 46.9-1.0 3.76S 151.92E 0 4.1,3.9b ¶19594366

IDC Error ellipse: s-maj=38.5km s-min=23.3km az=120.0.
IDC VI 26 22 01 39.6-3.1 3.96S 152.06E 0 4.2s,4.2 ¶19600481

IDC Error ellipse: s-maj=141.5km s-min=41.8km az=121.0.
ISC III 16 23 29 48.9-2.8 4.6S-10 153.5E-10 106-23 4.3b 20 8-151
ISCJB III 16 23 29 47.8-3.5 4.6S-10 153.4E-10 110-30 4.3b ¶10605054
IDC III 16 23 29 48.9-4.5 4.6S-10 153.39E 106-37 4.3,4.1
NEIC III 16 23 29 49.1-2.5 4.64S 153.41E 108-21 4.7b,4.1

ISC Event type se.
IDC Error ellipse: s-maj=64.9km s-min=20.1km az=124.0.
ISCJB Event type se. Error ellipse: s-maj=20.0km s-min=9.2km az=73.2.
NEIC Event type se. Error ellipse: s-maj=24.6km s-min=12.3km az=114.0.

IDC	IV	06 03 22 51.3-3.0	3.81S	151.43E	0	4.4,4.2		¶19594347
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IDC Error ellipse: s-maj=11.0km s-min=40.6km az=121.0.
IDC IV 06 12 35 46.9-1.0 3.76S 151.92E 0 4.1,3.9b ¶19594366

IDC Error ellipse: s-maj=38.5km s-min=23.3km az=120.0.
IDC VI 26 22 01 39.6-3.1 3.96S 152.06E 0 4.2s,4.2 ¶19600481

IDC Error ellipse: s-maj=141.5km s-min=41.8km az=121.0.
ISC III 16 23 29 48.9-2.8 4.6S-10 153.5E-10 106-23 4.3b 20 8-151
ISCJB III 16 23 29 47.8-3.5 4.6S-10 153.4E-10 110-30 4.3b ¶10605054
IDC III 16 23 29 48.9-4.5 4.6S-10 153.39E 106-37 4.3,4.1
NEIC III 16 23 29 49.1-2.5 4.64S 153.41E 108-21 4.7b,4.1

ISC Event type se.
IDC Error ellipse: s-maj=64.9km s-min=20.1km az=124.0.
ISCJB Event type se. Error ellipse: s-maj=20.0km s-min=9.2km az=73.2.
NEIC Event type se. Error ellipse: s-maj=24.6km s-min=12.3km az=114.0.

IDC	IV	06 03 22 51.3-3.0	3.81S	151.43E	0	4.4,4.2		¶19594347
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NEIC III 25 21 53 18.7-1.3 3.78S 151.53E 35 3.9b,3.8 ¶10610622

IDC Error ellipse: s-maj=66.4km s-min=30.8km az=112.0.
NEIC Event type se. Error ellipse: s-maj=55.7km s-min=16.9km az=116.0.
ISC III 09 02 55 12.9-2.5 3.9S-10 151.3E-10 60-23 4.1b,4.0s 26 7-149
IDC III 09 02 55 05.0-8.5 3.73S 151.23E 0 4.2,4.1 ¶10600010
ISCJB III 09 02 55 08.1-3.9 3.7S-10 151.2E-10 28-28 4.1b,4.0s
NEIC III 09 02 55 17.2-3.1 3.88S 151.16E 100-28 4.1b,4.0s
BJI III 09 02 55 17.0 3.90S 151.20E 99 5.1b,4.6b

ISC Event type se.
IDC Error ellipse: s-maj=31.5km s-min=17.9km az=104.0.
ISCJB Event type se. Error ellipse: s-maj=22.2km s-min=16.0km az=69.6.
NEIC Event type se. Error ellipse: s-maj=22.4km s-min=18.4km az=94.0.

ISC	III	09 04 47 13.9-3.0	3.9S-10	151.1E-20	86-27	3.9b	17	7-148
ISCJB	III	09 04 47 11.8-3.4	3.8S-10	151.1E-20	79-31	3.9b		¶10600062
NEIC	III	09 04 47 12.9-3.2	3.80S	151.12E	76-29	4.2b		
IDC	III	09 04 47 12.6-4.6	3.86S	151.23E	78-43	4.1,4.0		

ISC Event type se.
ISCJB Event type se. Error ellipse: s-maj=27.2km s-min=21.0km az=13.3.
NEIC Event type se. Error ellipse: s-maj=17.2km s-min=19.1km az=96.0.
IDC Error ellipse: s-maj=31.6km s-min=21.4km az=96.0.

ISC	III	29 17 55 25.7-2.0	4.8S-10	153.55E-08	63-16	4.1b	21	8-151
ISCJB	III	29 17 55 23.9-2.5	4.8S-10	153.47E-06	60-21	4.1b		¶10613015
NEIC	III	29 17 55 25.0-7.1	4.72S	153.61E	60	4.6b		
IDC	III	29 17 55 25.1-6.9	4.73S	153.56E	58-4	4.1,3.9		

ISC Event type se.
ISCJB Event type se. Error ellipse: s-maj=20.9km s-min=10.1km az=13.7.
NEIC Event type se. Error ellipse: s-maj=17.2km s-min=12.7km az=213.0.
IDC Error ellipse: s-maj=19.7km s-min=15.0km az=84.0.

ISC	III	10 01 44 57.6-3.6	3.8S-20	151.4E-20	54-34	4.0s,3.9b	14	7-149
IDC	III	10 01 44 50.4-1.4	3.68S	151.39E	0	4.1,4.0L		¶10600769
ISCJB	III	10 01 44 55.3-4.2	3.7S-20	151.3E-30	44-38	4.0s,3.9b		
NEIC	III	10 01 44 57.9-3.4	3.78S	151.37E	56-32	4.2b,3.9b		

ISC Event type se.
IDC Error ellipse: s-maj=65.8km s-min=21.8km az=118.0.
ISCJB Event type se. Error ellipse: s-maj=48.2km s-min=25.4km az=66.9.
NEIC Event type se. Error ellipse: s-maj=35.7km s-min=21.3km az=125.0.

ISC	III	12 20 54 54.0-1.3	5.07S-02	153.66E-03	46	5.7b,5.1s	374	8-159
ISCJB	III	12 20 54 51.8-1.3	5.07S-02	153.63E-03	44	5.7b,5.1s		¶10602660
BJI	III	12 20 54 53.9	4.63S	153.73E	45	5.6b,5.6b		
IDC	III	12 20 54 53.9-4.6	5.10S	153.65E	53-3	5.4,5.1		
NEIC	III	12 20 54 53.5-1.3	5.08S	153.66E	47	5.9b,5.8W		
HRVD	III	12 20 54 53.5-1.0	5.31S	153.55E	54	5.8W,5.8W		
MOS	III	12 20 54 53.0-1.1	5.04S	153.65E	48	6.0b,5.1s		

ISC Event type se.
ISCJB Event type se. Error ellipse: s-maj=4.2km s-min=2.8km az=109.3.
IDC Error ellipse: s-maj=9.8km s-min=7.9km az=90.0.
NEIC Event type se. Error ellipse: s-maj=5.2km s-min=4.4km az=100.0. Felt at Buka. Moment Tensor Solution. M₀.1.30000×10¹⁸ Moment Tensor Solution. s13 Moment tensor: Scale 1017 Nm; M₁₁:1.59 M₂₂:1.14 M₃₃:0.45 M₁₂:1.15 M₂₃:0.67 M₃₃:4.91 Best double couple: NP1:φ:178.00000°,λ:882.00000°,λ:120.00000°. NP2:φ:282.00000°,λ:831.00000°,λ:116.00000°. Principal axes: T 6.4800,Plg45.0000°,AzM118.0000°; N -1.4700,Plg29.0000°,AzM353.0000°; P -5.0000,Plg31.0000°,AzM244.0000°
M₀.5.70000×10¹⁷

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s96,c192; Mantle waves: s101,c258; Half duration: 1s9 Moment tensor: Scale 1017Nm; M₁₁:2.19±.06 M₂₂:10.0±.04; M₃₃:2.29±.05; M₁₂:1.09±.04; M₂₃:2.59±.05; M₃₃:4.74±.05; Best double couple: NP1:φ:295.00000°,λ:831.00000°,λ:24.00000°. NP2:φ:184.00000°,λ:878.00000°,λ:118.00000°. Principal axes: T 6.1130,Plg49.0000°,AzM124.0000°; N -0.3380,Plg28.0000°,AzM357.0000°; P -5.7700,Plg27.0000°,AzM251.0000°
M₀.5.94200×10¹⁷

MOS Error ellipse: s-maj=7.9km s-min=5.9km az=95.5.
IDC III 01 20 43 13.9-1.7 1.91S 149.67E 0 4.0,3.8 ¶10595371

IDC Error ellipse: s-maj=102.0km s-min=25.3km az=116.0.
IDC III 04 20 17 23.0-16 5.22S 153.17E 181-87 3.3,3.0 ¶10597409

IDC Error ellipse: s-maj=240.1km s-min=39.2km az=101.0.
IDC III 09 09 52 33.3-6.5 3.24S 150.44E 57-67 3.4,3.4 ¶10600166

IDC Error ellipse: s-maj=161.9km s-min=32.4km az=128.0.
IDC III 10 05 29 43.4-1.9 3.74S 151.29E 0 3.6,3.6 ¶10600

ISC	II	02 12 24 33.0-5.8	5.9S-10	153.8E-20	26-40	4.3b	18	7-152	BJI	V	03 08 16 48.7	4.35S	153.67E	75	5.2b,4.9b
BJI	II	02 12 24 28.2	5.90S	153.90E	16	5.3b,4.8b			NEIC	V	03 08 16 50.1-2.5	4.91S	153.04E	82-22	4.7b,4.9b
IDC	II	02 12 24 30.1-1.2	5.70S	153.63E	0	4.1,4.0			ISC	Event type se.					
ISCJB	II	02 12 24 31.8-5.8	5.8S-10	153.7E-20	26-40	4.3b,4.0			IDC	Error ellipse: s-maj=25.2km s-min=18.8km az=100.0.					
NEIC	II	02 12 24 31.2-7.3	5.91S	153.90E	17-43	4.4b,4.0			MOS	Error ellipse: s-maj=22.6km s-min=12.5km az=58.6.					
ISC	Event type se.														
IDC	Error ellipse: s-maj=51.5km s-min=20.3km az=125.0.														
ISCJB	Event type se. Error ellipse: s-maj=34.1km s-min=13.5km az=84.0.														
NEIC	Event type se. Error ellipse: s-maj=27.3km s-min=12.6km az=108.0.														
ISC	II	03 21 35 45.0-4.3	4.7S-20	153.8E-30	150-31	3.9b	15	8-151	IDC	Error ellipse: s-maj=74.5km s-min=22.9km az=115.0.					
ISCJB	II	03 21 35 45.2-4.2	4.8S-20	153.7E-30	166-32	3.9b			IDC	V 04 12 42 54.8-8.4					
IDC	II	03 21 35 45.1-5.7	4.75S	153.76E	152-44	4.0,3.9s			V	04 12 42 54.8-8.4	2.79S	151.99E	304-82	3.5,3.3	
NEIC	II	03 21 35 45.0-3.6	4.72S	153.76E	150-26	4.4b,3.9s			IDC	Error ellipse: s-maj=105.3km s-min=28.6km az=128.0.					
ISC	Event type se.														
ISCJB	Event type se. Error ellipse: s-maj=54.2km s-min=22.8km az=53.8.														
IDC	Error ellipse: s-maj=58.0km s-min=24.8km az=109.0.														
NEIC	Event type se. Error ellipse: s-maj=54.8km s-min=18.7km az=113.0.														
IDC	II	05 16 43 36.1-3.6	5.52S	153.59E	0	3.9,3.6b			IDC	V 05 19 45 05.2-5.3					
IDC	Error ellipse: s-maj=144.8km s-min=41.4km az=118.0.														
IDC	II	10 14 20 24.8-2.1	5.14S	153.43E	0	3.7,3.6			I	05 19 45 05.2-5.3	3.93S	152.09E	128-47	3.9,3.9	
IDC	Error ellipse: s-maj=80.1km s-min=25.3km az=117.0.														
ISC	II	11 23 53 26.2-3.2	5.3S-20	153.6E-20	56-30	3.8b	11	8-151	IDC	Error ellipse: s-maj=148.4km s-min=34.4km az=130.0.					
ISCJB	II	11 23 53 22.5-4.0	5.3S-10	153.6E-20	39-36	3.8b			ISC	I 04 13 46 47.7-1.9					
BJI	II	11 23 53 24.5	5.30S	153.60E	52	4.2b			IDC	I 04 13 46 45.9-3.3					
IDC	II	11 23 53 25.4-9.9	5.22S	153.54E	52-6	3.9,3.7			MOS	I 04 13 46 45.8-1.1					
NEIC	II	11 23 53 25.5-1.1	5.27S	153.56E	52	3.9b,3.7			ISCJB	I 04 13 46 45.8-1.1					
ISC	Event type se.														
ISCJB	Event type se. Error ellipse: s-maj=26.9km s-min=23.8km az=111.4.														
IDC	Error ellipse: s-maj=29.9km s-min=18.1km az=100.0.														
NEIC	Event type se. Error ellipse: s-maj=20.3km s-min=17.3km az=185.0.														
NEIC	II	14 05 08 34.1-1.9	2.59S	149.05E	35	4.4b			NEIC	Event type se. Error ellipse: s-maj=18.9km s-min=12.8km az=172.0.					
IDC	II	14 05 09 07.5-2.7	5.13S	148.18E	142-26	4.0,3.6			ISC	I 06 21 48 05.8-4.1					
NEIC	Event type se. Error ellipse: s-maj=74.5km s-min=14.2km az=100.0.														
IDC	Error ellipse: s-maj=76.8km s-min=19.4km az=114.0.														
NEIC	II	14 22 04 15.8-2.7	3.04S	152.96E	35	3.9b			IDC	I 06 21 48 00.8-5.2					
IDC	II	14 22 04 46.1-8.5	5.49S	151.49E	90-61	3.6,3.5			ISCJB	I 06 21 48 06.2-4.0					
NEIC	Event type se. Error ellipse: s-maj=80.5km s-min=25.4km az=97.0.														
IDC	Error ellipse: s-maj=73.9km s-min=51.0km az=103.0.														
ISC	II	15 22 51 36.2-5.0	4.5S-30	153.7E-40	104-33	3.8b	9	8-151	NEIC	I 06 21 48 07.6-3.5					
NEIC	II	15 22 51 33.6-6.4	4.49S	153.96E	98-33	4.1b			ISC	Event type se.					
IDC	II	15 22 51 35.4-9.3	4.38S	153.65E	101-64	4.1,3.9			IDC	Error ellipse: s-maj=82.5km s-min=23.5km az=96.0.					
ISCJB	II	15 22 51 36.4-5.4	4.4S-30	153.5E-40	115-39	3.8b,3.9			ISCJB	Event type se. Error ellipse: s-maj=57.5km s-min=21.7km az=179.7.					
NEIC	Event type se.														
ISCJB	Event type se.														
IDC	II	17 09 23 45.0-2.6	5.12S	153.51E	0	3.6,3.4b			NEIC	Event type se. Error ellipse: s-maj=45.4km s-min=20.2km az=87.0.					
IDC	Error ellipse: s-maj=98.0km s-min=34.8km az=112.0.														
ISC	II	18 20 24 18.0-1.6	4.0S-20	150.7E-40	35	3.6b	7	6-148	ISC	I 25 17 21 42.3-3.3					
ISCJB	II	18 20 24 16.1-1.6	3.8S-20	150.6E-40	33	3.6b			ISCJB	I 25 17 21 39.9-3.9					
NEIC	II	18 20 24 17.7-1.6	3.82S	150.63E	35	3.5b			IDC	I 25 17 21 40.7-5.8					
IDC	II	18 20 24 18.5-5.5	4.95S	151.95E	60-48	3.7,3.7			NEIC	I 25 17 21 43.4-3.2					
ISC	Event type se.														
ISCJB	Event type se. Error ellipse: s-maj=55.0km s-min=18.2km az=45.5.														
NEIC	Event type se. Error ellipse: s-maj=53.7km s-min=17.6km az=114.0.														
IDC	Error ellipse: s-maj=115.4km s-min=29.7km az=129.0.														
ISC	II	23 07 03 19.2-2.4	4.2S-20	153.0E-10	66-19	4.0b	12	8-151	ISC	I 29 05 00 03.5-2.1					
ISCJB	II	23 07 03 19.0-4.1	4.3S-20	153.0E-10	75-34	4.0b			ISCJB	I 29 05 00 03.3-3.5					
IDC	II	23 07 03 19.7-2.9	4.31S	152.99E	62-23	4.1,4.0			IDC	I 29 05 00 03.2-2.6					
NEIC	II	23 07 03 21.0-2.2	4.31S	152.98E	82-18	4.5b,4.0			NEIC	I 29 05 00 04.7-2.5					
ISC	Event type se.														
ISCJB	Event type se. Error ellipse: s-maj=34.6km s-min=22.0km az=139.8.														
IDC	Error ellipse: s-maj=33.2km s-min=16.4km az=140.0.														
NEIC	Event type se. Error ellipse: s-maj=20.8km s-min=14.6km az=172.0.														
IDC	II	23 10 03 50.7-2.2	3.49S	151.59E	0	3.7,3.4			ISC	Event type se.					
IDC	Error ellipse: s-maj=186.6km s-min=29.1km az=125.0.														
IDC	IV	02 01 18 00.1-3.0	4.62S	153.64E	0	3.8,3.7			ISCJB	Event type se. Error ellipse: s-maj=25.8km s-min=20.3km az=113.9.					
IDC	Error ellipse: s-maj=109.9km s-min=47.3km az=113.0.														
IDC	IV	08 08 41 49.9-9.4	3.16S	152.16E	100-66	3.7,3.5			IDC	Error ellipse: s-maj=26.7km s-min=14.0km az=131.0.					
IDC	Error ellipse: s-maj=146.1km s-min=60.0km az=118.0.														
IDC	IV	11 03 57 42.4-3.2	3.87S	151.51E	0	3.9,3.6			NEIC	Event type se. Error ellipse: s-maj=18.7km s-min=16.4km az=159.0.					
IDC	Error ellipse: s-maj=141.0km s-min=42.7km az=119.0.														
ISC	II	26 04 51 40.1-3.0	5.0S-10	153.3E-10	77-25	4.1b	26	8-151	IDC	I 04 12 49 58.1-9.9					
ISCJB	II	26 04 51 37.4-3.6	4.9S-10	153.3E-10	64-30	4.2b			I	04 12 49 58.1-9.9	4.75S	153.65E	139-67	4.0,3.7	
IDC	II	26 04 51 37.6-5.1	4.94S	153.33E	54-43	4.3,4.2			IDC	I 30 19 01 52.5-3.7					
NEIC	II	26 04 51 41.4-2.6	5.02S	153.25E	90-22	4.3b,4.2			IDC	I 30 19 01 52.5-3.7					
ISC	Event type se.														
ISCJB	Event type se. Error ellipse: s-maj=23.1km s-min=17.6km az=6.1.														
IDC	Error ellipse: s-maj=31.6km s-min=19.1km az=77.0.														
NEIC	Event type se. Error ellipse: s-maj=21.5km s-min=12.8km az=86.0.														
IDC	IV	19 02 43 46.4-1.8	3.21S	151.06E	0	3.9,3.6			IDC	Error ellipse: s-maj=112.5km s-min=46.8km az=108.0.					
IDC	Error ellipse: s-maj=154.6km s-min=25.3km az=125.0.														
ISC	V	21 15 57 49.4-2.1	5.0S-20	153.1E-10	87-20	3.5b	13	7-151	IDC	I 30 19 01 52.5-3.7					
ISCJB	V	21 15 57 46.9-2.6	4.9S-20	153.1E-10	80-24	3.5b			IDC	Error ellipse: s-maj=29.9km s-min=21.4km az=50.0.					
IDC	V	21 15 57 48.5-3.4	4.96S	153.02E	75-30	3.7,3.5			ISC	I 26 06 05 34.0-1.0					
NEIC	V	21 15 57 49.1-1.6	4.99S	153.09E	87-15	4.1b,3.5			IDC	I 26 06 05 28.4-1.1					
ISC	Event type se.														
ISCJB	Event type se. Error ellipse: s-maj=30.1km s-min=18.1km az=160.6.														
IDC	Error ellipse: s-maj=29.3km s-min=27.8km az=109.0.														
NEIC	Event type se. Error ellipse: s-maj=20.7km s-min=12.6km az=171.0.														
ISC	V	22 15 58 37.7-1.7	5.19S-07	153.43E-07	63-15	4.4b	56	8-151	ISCJB	I 26 06 05 32.2-1.0					
BJI	V	22 15 58 31.8	4.61S	154.13E	39	4.9b,4.9b			ISC	I 26 06 05 32.2-1.0					
MOS	V	22 15 58 32.2-1.2	5.04S	153.57E	33	4.7b,4.9b			ISCJB	I 26 06 05 32.2-1.0					
ISCJB	V	22 15 58 34.6-2.1	5.12S-07	153.39E-07	51-19	4.5b,3.4b			ISC	I 29 06 06 06.2-1.1					
NEIC	V	22 15 58 35.4-1.5	5.11S	153.50E	48-14	4.5b,3.4s			IDC	I 29 06 06 02.2-1.1					
IDC	V	22 15 58 37.0-1.9	5.23S	153.44E	58-16	4.4,4.2			MOS	I 29 06 06 03.2-1.9					
ISC	Event type se.														
MOS	Error ellipse: s-maj=16.4km s-min=11.7km az=65.6.														
ISCJB	Event type se. Error ellipse: s-maj=12.2km s-min=11.5km az=120.1.														
NEIC	Event type se. Error ellipse: s-maj=10.8km s-min=10.2km az=50.0.														
IDC	Error ellipse: s-maj=17.5km s-min=13.0km az=111.0.														
ISC	V	24 16 33 24.9-4.4	5.5S-20	153.1E-30	53-35	3.7b	12	7-151	ISCJB	I 29 06 06 04.8					
ISCJB	V	24 16 33 22.8-4.9	5.4S-30	152.9E-30	41-38	3.6b			NEIC	I 29 06 06 08.3-2.2					
IDC	V	24 16 33 26.4-6.8	5.44S	152.87E	64-54	3.7,3.6			ISC	Event type se.					
NEIC	V	24 16 33 26.2-3.8	5.51S	153.01E	65-27	4.1b,3.6			ISCJB	Event type se. Error ellipse: s-maj=16.8km s-min=10.0km az=88.9.					
ISC	Event type se.														
ISCJB	Event type se. Error ellipse: s-maj=64.8km s-min=25.4km az=68.6.														
IDC	Error ellipse: s-maj=71.0km s-min=33.7km az=118.0.														
NEIC	Event type se. Error ellipse: s-maj=54.5km s-min=20.3km az=118.0.														
ISC	V	25 01 49 26.7-1.4	5.28S-07	153.57E-05	54-13	4.4b	59	8-158	IDC	V 16 21 45 49.8-7.3					
MOS	V	25 01 49 21.9-7.0	5.16S	153.59E	31	4.9b			IDC	Error ellipse: s-maj=113.0km s-min=38.8km az=96.0.					
ISCJB	V	25 01 49 22.4-3.7	5.24S-07	153.57E-05	32-26	4.4b			V	16 21 45 49.8-7.3	5.85S	153.30E	87-55	3.8,3.6	
IDC	V	25 01 49 25.6-3.7	5.26S	153.58E	48-33	4.3,4.2			IDC	Error ellipse: s-maj=53.3km s-min=27.8km az=88.0.					
NEIC	V	25 01 49 25.6-1.4	5.24S	153.56E	51-13	4.7b,4.2			IDC	V 17 20 02 49.5-2.8					
BJI	V	25 01 49 25.6	5.51S	153.45E	60	5.0b,4.9b			IDC	Error ellipse: s-maj=109.7km s-min=33.3km az=123.0.					
ISC	Event type se.														
MOS	Error ellipse: s-maj=13.2km s-min=10.1km az=69.9.														
ISCJB	Event type se. Error ellipse: s-maj=11.0km s-min=7.9km az=15.8.														
IDC	Error ellipse: s-maj=24.3km s-min=19.9km az=81.0.														
NEIC	Event type se. Error ellipse: s-maj=9.9km s-min=8.8km az=174.0.														
ISC	V	03 08 16 49.7-2.7	5.0S-10	153.2E-10	77-24	4.2b	34	7-158	IDC	Error ellipse: s-maj=109.7km s-min=33.3km az=123.0.					
IDC	V	03 08 16 42.7-3.8	4.75S	153.11E	18-22	4.4,4.3b			NEIC	VI 22 06 44 45.7-1.3					
MOS	V	03 08 16 44.0-1.5	5.45S	152.93E	33	4.7b,4.3b			IDC	VI 22 06 44 46.8-1.7					
ISCJB	V	03 08 16 47.0-3.4	4.9S-10	153.1E-10	64-30	4.3b,4.3b			NEIC	Event type se. Error ellipse: s-maj=27.9km s-min=15.7km az=179.0.					

HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s2c,c57; Mantle waves: s85,c151;Half duration: 150 Moment tensor: Scale 10¹⁷Nm; Mrr:0.80±0.04 Mθθ:0.10±0.02; Mφφ:0.70±0.02; Mxx:0.31±0.02; Myy:0.31±0.01; Mzz:0.04±0.03; Best double couple: NP1:0.174,0.0000°; λ:116.00000°; λ:116.00000°; NP2:φ:320.00000°; λ:653.00000°; λ:68.00000°; Principal axes: T 0.8970,Plg72.0000°; Azm173.0000°; N -0.0490,Plg17.0000°; Azm334.0000°; P -0.8480,Plg6.0000°; Azm65.0000°; M:0.87200x10¹⁷

VI 03 02 47 27.0-3.6 5.64S 151.14E 0 3.7s,3.7 ¶9599737

IDC Error ellipse: s-maj=149.9km s-min=47.8km az=118.0. ISC III 17 15 13 45.3-1.1 5.79S-04 148.49E-06 94-10 4.7b 90 4-153

BJI III 17 15 13 43.5 6.20S 148.35E 122 5.1b,4.8b ¶10605461

IDC III 17 15 13 44.5-1.6 5.76S 148.52E 90-13 4.7,4.5

MOS III 17 15 13 44.9-1.1 5.77S 148.54E 105 5.0b,4.5

ISCJB III 17 15 13 45.1-1.1 5.80S-04 148.44E-06 108-10 4.7b,4.5

NEIC III 17 15 13 46.4-1.3 5.79S 148.54E 108-12 4.8b,4.5

ISC Event type se.

IDC Error ellipse: s-maj=13.9km s-min=10.1km az=104.0. ISC III 17 15 13 45.3-1.1 5.79S-04 148.49E-06 94-10 4.7b 90 4-153

MOS Error ellipse: s-maj=14.4km s-min=7.3km az=82.9. ISCJB III 17 15 13 43.5 6.20S 148.35E 122 5.1b,4.8b

NEIC Event type se. Error ellipse: s-maj=10.3km s-min=5.9km az=43.7. ISC III 17 15 13 44.5-1.6 5.76S 148.52E 90-13 4.7,4.5

ISC Event type se. Error ellipse: s-maj=8.8km s-min=7.5km az=90.0. ISC III 17 16 56 16.1-2.7 5.1S-10 149.6E-20 89-22 4.3b 30 5-147

IDC III 17 16 56 11.7-4.8 5.24S 150.21E 75-41 4.1,4.0 ¶10605506

ISCJB III 17 16 56 13.4-3.0 5.0S-10 149.6E-20 80-26 4.2b,4.0

NEIC III 17 16 56 15.2-2.2 5.05S 149.55E 81-17 4.4b,4.0

ISC Event type se.

IDC Error ellipse: s-maj=47.6km s-min=24.7km az=110.0. ISCJB III 20 14 17 58.8-1.4 5.88S-03 151.27E-03 27 5.5b,5.0s 355 5-156

NEIC Event type se. Error ellipse: s-maj=30.4km s-min=18.2km az=23.3. ISC III 20 14 17 51.8 6.11S 151.94E 25 5.5b,5.4b ¶10607236

ISC Event type se. Error ellipse: s-maj=24.7km s-min=14.7km az=97.0. BJI III 20 14 17 56.7-1.4 5.86S-03 151.22E-03 25 5.5b,5.0s

ISCJB III 20 14 17 57.7-1.8 5.78S 150.16E 29 5.3b,5.0s

SZGRF III 20 14 17 57.1 7.51S 150.23E 22-10 5.4,5.3b

IDC III 20 14 17 57.7-1.8 5.78S 150.16E 29 5.3b,5.0s

MOS III 20 14 17 58.5-1.2 5.73S 151.14E 33 5.8b,5.1s

HRVD III 20 14 17 58.3-1.0 5.97S 151.44E 32 5.5b,5.1s

NEIC III 20 14 17 58.3-0.8 5.81S 151.20E 26 5.6b,5.4W

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=3.7km s-min=3.6km az=73.1. SZGRF III 20 14 17 57.1 7.51S 150.16E 29 5.3b,5.0s

IDC Error ellipse: s-maj=14.5km s-min=10.6km az=102.0. ISC III 20 14 17 58.8-1.4 5.88S-03 151.27E-03 27 5.5b,5.0s 355 5-156

MOS Error ellipse: s-maj=8.2km s-min=5.4km az=81.6. ISCJB III 20 14 17 56.7-1.4 5.86S-03 151.22E-03 25 5.5b,5.0s

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s82,c161; Mantle waves: s96,c189;Half duration: 193 Moment tensor: Scale 10¹⁷Nm; Mrr:1.87±0.03 Mθθ:0.22±0.02; Mφφ:1.65±0.02; Mxx:0.54±0.03; Myy:0.73±0.02; Mzz:0.59±0.03; Best double couple: NP1:0.165,0.0000°; λ:835.00000°; λ:103.00000°; NP2:φ:330.00000°; λ:856.00000°; λ:81.00000°; Principal axes: T 2.0500,Plg77.0000°; Azm211.0000°; N 0.0510,Plg7.0000°; Azm334.0000°; P -2.1000,Plg11.0000°; Azm66.0000°; M:2.07500x10¹⁷

NEIC Event type se. Error ellipse: s-maj=4.0km s-min=3.0km az=128.0. Moment Tensor Solution. s15 Moment tensor: Scale 10¹⁷Nm; Mrr:1.53 Mθθ:0.03 Mφφ:1.56 Mxx:0.36 Myy:0.18 Mzz:0.22 Best double couple: NP1:0.187,0.0000°; λ:850.00000°; λ:108.00000°; NP2:φ:341.00000°; λ:843.00000°; λ:70.00000°; Principal axes: T 1.6300,Plg76.0000°; Azm160.0000°; N -0.0400,Plg13.0000°; Azm355.0000°; P -1.5900,Plg3.0000°; Azm265.0000°; M:1.60000x10¹⁷

VI 01 21 56 20.1-2.9 4.65S 152.40E 0 3.8,3.6 ¶9599678

IDC Error ellipse: s-maj=92.9km s-min=30.2km az=114.0. ISC III 10 08 42 51.2-2.3 4.63S 152.73E 0 3.7,3.6

IDC Error ellipse: s-maj=159.3km s-min=28.9km az=126.0. ¶10600964

IDC III 11 11 06 00.9-3.9 6.28S 149.11E 0 3.2,3.1 ¶10601777

IDC Error ellipse: s-maj=138.7km s-min=48.9km az=114.0. ISC III 11 12 40 10.9-8.6 6.16S 150.73E 50-65 3.8,3.8

IDC Error ellipse: s-maj=71.0km s-min=54.3km az=97.0. ¶10601826

IDC III 11 23 05 50.8-8.9 5.47S 151.56E 81-62 3.9,3.8 ¶10602160

IDC Error ellipse: s-maj=114.0km s-min=55.0km az=123.0. ISC III 14 09 54 26.2-3.8 5.07S 151.65E 0 3.9,3.6 ¶10603522

IDC Error ellipse: s-maj=153.6km s-min=49.7km az=118.0. BJI III 21 11 36 26.5-2.1 5.30S 150.83E 0 4.1s,4.1 ¶10607803

IDC Error ellipse: s-maj=135.6km s-min=29.7km az=125.0. ISC III 22 00 06 26.9-2.6 5.69S 151.37E 0 3.7,3.4b ¶10608114

IDC Error ellipse: s-maj=190.2km s-min=30.1km az=126.0. ISC III 22 03 25 48.9-2.1 5.24S 150.79E 0 3.8,3.6 ¶10608190

IDC Error ellipse: s-maj=128.6km s-min=29.9km az=124.0. ISC III 20 00 54 36.4-3.0 6.2S-10 149.0E-10 75-26 3.7b 16 4-152

ISC III 20 00 54 34.8-2.9 6.2S-10 149.0E-10 73-25 3.7b ¶10606889

ISCJB III 20 00 54 35.2-4.1 6.21S 149.12E 70-36 4.1L,4.0

IDC III 20 00 54 36.2-2.2 6.22S 149.13E 77-19 4.3b,4.0

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=24.5km s-min=20.1km az=55.7. IDC Error ellipse: s-maj=25.4km s-min=24.7km az=36.0. NEIC Event type se. Error ellipse: s-maj=15.5km s-min=14.6km az=143.0. ISC III 20 14 29 26.0-1.3 5.99S-06 151.33E-06 58-12 4.7b,4.6s 64 5-156

BJI III 20 14 29 14.2 6.53S 151.88E 25 5.2b,4.9s ¶10607245

NEIC III 20 14 29 21.6-2.0 5.83S 151.31E 25 4.7b,4.9s

ISCJB III 20 14 29 23.8-1.9 5.95S-06 151.28E-06 54-17 4.7b,4.6s

MOS III 20 14 29 23.2-1.2 5.49S 150.86E 33 4.8b,4.6s

IDC III 20 14 29 25.8-2.2 5.90S 151.24E 57-19 4.7,4.5

ISC Event type se.

NEIC Event type se. Error ellipse: s-maj=6.3km s-min=5.6km az=118.0. ISCJB Event type se. Error ellipse: s-maj=10.6km s-min=10.0km az=153.0. MOS Error ellipse: s-maj=20.0km s-min=9.9km az=63.0. IDC Error ellipse: s-maj=14.1km s-min=10.9km az=136.0. ISC III 20 15 59 25.2-3.4 5.6S-20 151.2E-20 55-27 3.9b 15 6-149

IDC III 20 15 59 18.4-1.5 5.34S 151.02E 0 4.1,3.9 ¶10607298

NEIC III 20 15 59 21.1-88 5.54S 151.32E 25 4.2b,3.9

ISCJB III 20 15 59 24.0-3.8 5.6S-20 151.1E-20 55-30 3.9b,3.9

ISC Event type se.

NEIC Event type se.

ISCJB Event type se.

ISC III 20 17 19 33.5-5.6 5.8S-10 151.3E-10 16-36 4.9s,4.0b 18 5-151

IDC III 20 17 19 35.0-6.9 5.75S 151.39E 0 4.3,4.2 ¶10607330

ISCJB III 20 17 19 35.0-3.6 5.8S-10 151.3E-10 40-31 4.9s,4.0b

NEIC III 20 17 19 34.5-5.0 5.79S 151.36E 25 4.4b,4.0b

ISC Event type se.

IDC Error ellipse: s-maj=25.7km s-min=17.8km az=131.0. ISCJB Event type se. Error ellipse: s-maj=25.0km s-min=19.1km az=121.9. NEIC Event type se. Error ellipse: s-maj=15.9km s-min=9.6km az=138.0. ISC III 04 05 15 23.2-5.1 6.0S-30 150.4E-30 66-33 3.8b 10 5-152

ISC III 04 05 15 21.4-5.1 5.9S-30 150.3E-30 63-34 3.8b ¶10596988

NEIC III 04 05 15 21.0-4.4 5.90S 150.51E 61-27 4.2b

IDC III 04 05 15 22.6-8.3 5.99S 150.40E 66-64 3.9,3.9

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=56.6km s-min=37.6km az=119.4. NEIC Event type se. Error ellipse: s-maj=45.6km s-min=27.5km az=181.0. IDC Error ellipse: s-maj=75.7km s-min=54.8km az=138.0. ISC III 25 15 18 04.2-4.3 5.4S-30 152.1E-10 92-28 4.1b 19 6-150

ISC III 25 15 18 02.9-4.8 5.4S-30 152.1E-10 93-33 4.1b ¶10610436

IDC III 25 15 18 02.9-5.8 5.33S 152.11E 84-42 4.2,4.0

NEIC III 25 15 18 04.0-5.5 5.40S 152.09E 92-25 4.4b,4.0

ISC Event type se.

Event type se. Error ellipse: s-maj=50.4km s-min=22.4km az=2.5. ISCJB Error ellipse: s-maj=44.5km s-min=25.0km az=9.0. NEIC Event type se. Error ellipse: s-maj=73.4km s-min=17.1km az=191.0. ISC III 06 12 05 00.7-4.0 4.8S-40 151.8E-40 71-31 3.6b 12 6-83

ISCJB III 06 12 04 59.4-4.4 4.8S-40 151.7E-40 70-35 3.6b ¶10598381

NEIC III 06 12 05 01.3-3.8 4.88S 151.90E 86-29 4.1b

IDC III 06 12 05 01.9-6.0 4.93S 151.80E 92-49 3.7,3.6

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=91.2km s-min=27.9km az=76.3. NEIC Event type se. Error ellipse: s-maj=78.8km s-min=26.7km az=128.0. IDC Error ellipse: s-maj=147.5km s-min=31.0km az=127.0. ISC III 29 22 59 39.1-1.6 5.9S-10 151.26E-08 64-15 4.0b 21 5-151

ISCJB III 29 22 59 36.8-2.3 5.9S-10 151.24E-08 58-21 4.0b,3.4s ¶10613128

IDC III 29 22 59 39.0-2.8 5.85S 151.19E 62-24 4.1,4.1

NEIC III 29 22 59 39.2-1.1 5.87S 151.26E 64-10 4.4b,4.1

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=19.8km s-min=11.7km az=141.6. IDC Error ellipse: s-maj=22.3km s-min=13.6km az=133.0. NEIC Event type se. Error ellipse: s-maj=10.4km s-min=7.4km az=167.0. ISC III 30 02 14 02.7-2.2 5.25S-09 152.12E-09 88-20 4.5b 37 6-151

MOS III 30 02 13 58.2-8.6 5.22S 152.26E 64 5.0b ¶10613191

ISCJB III 30 02 14 01.0-2.5 5.23S-10 152.07E-09 85-22 4.5b

IDC III 30 02 14 01.9-4.0 5.28S 152.13E 79-35 4.5,4.5

NEIC III 30 02 14 02.5-2.6 5.27S 152.09E 86-24 4.9b,4.5

BJI III 30 02 14 03.9 4.47S 151.99E 68 5.0b,4.9s

ISC Event type se.

MOS Error ellipse: s-maj=37.0km s-min=15.0km az=49.6. ISCJB Event type se. Error ellipse: s-maj=15.9km s-min=14.3km az=11.1. IDC Error ellipse: s-maj=22.3km s-min=19.1km az=97.0. NEIC Event type se. Error ellipse: s-maj=15.5km s-min=15.0km az=118.0. ISC III 31 18 24 54.3-3.3 5.7S-20 151.5E-30 67-28 4.0b 18 6-156

ISCJB III 31 18 24 53.9-3.7 5.6S-20 151.3E-30 71-31 4.0b ¶10614614

IDC III 31 18 24 53.5-1.1 5.65S 151.48E 58-41 4.3,4.2

NEIC III 31 18 24 55.4-2.3 5.67S 151.45E 77-19 4.8b,4.2

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=51.0km s-min=21.8km az=73.6. IDC Error ellipse: s-maj=50.8km s-min=24.7km az=121.0. NEIC Event type se. Error ellipse: s-maj=32.1km s-min=14.3km az=125.0. ISC III 11 13 52 31.5-4.7 6.29S-07 150.82E-09 35-33 4.3b,3.9s 48 5-149

IDC III 11 13 52 28.8-4.3 6.28S 150.89E 21-26 4.3,4.3 ¶10601863

NEIC III 11 13 52 29.7-5.1 6.22S 150.78E 24 4.6b,4.3

MOS III 11 13 52 30.0-1.5 6.20S 150.73E 33 4.5b,4.3

ISCJB III 11 13 52 31.7-2.6 6.31S-08 150.7E-10 51-23 4.3b,3.9s

ISC Event type se.

NEIC Event type se.

ISCJB Event type se.

ISC VI 06 15 04 20.7-3.0 5.4S-20 152.0E-20 74-26 4.1b 20 6-157

ISCJB VI 06 15 04 19.7-3.6 5.4S-20 151.9E-20 78-31 4.1b ¶9221526

NEIC VI 06 15 04 20.4-2.9 5.37S 152.00E 74-26 4.5b

IDC VI 06 15 04 21.8-5.8 5.58S 152.06E 81-46 4.1,4.0

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=41.9km s-min=18.1km az=69.4. NEIC Event type se. Error ellipse: s-maj=34.6km s-min=15.1km az=124.0. IDC Error ellipse: s-maj=48.1km s-min=28.5km az=106.0. ISC III 17 22 00 55.5-3.4 5.1S-20 150.2E-30 65-32 4.4b 17 5-148

NEIC III 17 22 00 52.3-1.7 5.07S 150.28E 35 4.8b ¶10605637

ISCJB III 17 22 00 54.2-3.7 5.0S-20 149.9E-30 63-34 4.5b

IDC III 17 22 00 54.2-4.7 5.08S 150.20E 50-44 4.5,4.5

ISC Event type se.

NEIC Event type se. Error ellipse: s-maj=62.2km s-min=14.6km az=115.0. ISCJB Event type se. Error ellipse: s-maj=53.2km s-min=23.1km az=51.3. IDC Error ellipse: s-maj=65.1km s-min=29.0km az=120.0. ISC III 06 03 33 54.1-9.9 4.9S-10 152.07E-09 35 4.3b 15 7-150

ISCJB III 06 03 33 52.4-1.0 5.0S-20 152.10E-09 33 4.3b ¶10598192

NEIC III 06 03 33 53.3-1.2 4.84S 152.04E 35 4.5b

IDC III 06 03 33 56.6-6.3 5.28S 152.22E 56-54 4.2,4.1

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=23.8km s-min=10.5km az=136.2. NEIC Event type se. Error ellipse: s-maj=27.5km s-min=13.9km az=172.0. IDC Error ellipse: s-maj=96.3km s-min=35.8km az=139.0. ISC III 20 15 26 08.1-1.8 5.7S-10 151.22E-09 48-17 4.2b,3.4s 36 5-151

ISCJB III 20 15 26 03.6-3.9 5.7S-10 151.22E-09 23-28 4.2b,3.4s ¶10607282

NEIC III 20 15 26 06.3-5.0 5.30S 150.87E 25 4.5b,3.4s

MOS III 20 15 26 06.2-1.3 5.37S 150.89E 33 4.6b,3.4s

BJI III 20 15 26 06.3 5.30S 150.90E 25 5.2b,4.8b

IDC III 20 15 26 08.8-2.5 5.85S 151.22E 53-22 4.4L,4.3

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=20.8km s-min=9.8km az=97.1. NEIC Event type se. Error ellipse: s-maj=16.3km s-min=9.5km az=129.0. MOS Error ellipse: s-maj=18.5km s-min=11.1km az=59.9. IDC Error ellipse: s-maj=20.3km s-min=11.6km az=140.0. ISC IV 11 11 40 19.1-3.5 5.7S-30 150.6E-40 102-29 3.7b 12 5-84

IDC IV 11 11 40 18.6-5.0 5.60S 150.48E 94-45 4.4s,4.4 ¶9594645

ISCJB IV 11 11 40 19.2-3.6 5.7S-30 150.4E-40 115-31 3.7b,4.4

ISC III 24 21 04 39.2-4.0 6.1S-30 151.6E-30 60-33 3.7b 10 5-150

IDC III 24 21 04 30.9-1.2 6.13S 151.87E 0 4.0,3.9 ¶10609846

ISCJB III 24 21 04 38.5-4.3 6.2S-30 151.5E-30 67-35 3.6b,3.9

NEIC III 24 21 04 38.8-3.6 6.19S 151.72E 59-28 4.3b,3.9

ISC Event type se.

ISC Event type se.

IDC Error ellipse: s-maj=67.5km s-min=22.3km az=126.0. ISCJB Event type se. Error ellipse: s-maj=61.2km s-min=27.2km az=80.9. NEIC Event type se. Error ellipse: s-maj=52.6km s-min=22.7km az=120.0. ISC III 29 22 40 42.6-2.5 5.83S-04 151.28E-04 32 4.7b,4.1s 103 5-156

ISCJB III 29 22 40 41.5-2.5 5.83S-04 151.30E-04 30 4.7b,4.1s ¶10613116

MOS III 29 22 40 40.9-8.8 5.75S 151.22E 33 4.8b,4.1s

NEIC III 29 22 40 42.1-1.4 5.80S 151.29E 30 4.8b,4.1s

BJI III 29 22 40 42.0 5.80S 151.30E 30 5.4b,4.9s

IDC III 29 22 40 46.0-2.2 5.92S 151.22E 62-18 4.8,4.7

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=5.9km s-min=5.3km az=55.4. MOS Error ellipse: s-maj=10.7km s-min=8.7km az=94.5. NEIC Event type se. Error ellipse: s-maj=5.7km s-min=4.8km az=106.0. IDC Error ellipse: s-maj=13.1km s-min=10.4km az=134.0. ISC III 30 22 24 16.2-9.8 6.3S-10 153.2E-20 35 4.1b,3.0s 21 7-151

IDC III 30 22 24 11.1-1.3 6.14S 153.03E 0 4.0,4.0 ¶10613969

ISCJB III 30 22 24 14.6-9.8 6.2S-10 153.0E-20 33 4.1b,3.0s

NEIC III 30 22 24 17.2-2.8 6.21S 153.00E 43-22 4.0b,3.0s

ISC Event type se.

IDC Error ellipse: s-maj=48.3km s-min=19.0km az=121.0. ISCJB Event type se. Error ellipse: s-maj=28.3km s-min=12.1km az=58.7. NEIC Event type se. Error ellipse: s-maj=27.0km s-min=14.0km az=108.0. ISC III 31 22 07 58.4-2.4 4.99S-10 151.7E-10 142-20 4.4b 37 6-149

IDC III 31 22 07 56.4-2.3 4.91S 151.73E 126-18 4.4,4.1 ¶10614718

ISCJB III 31 22 07 57.9-2.7 5.0S-10 151.6E-10 151-23 4.4b,4.1

NEIC III 31 22 07 58.6-4.4 4.96S 151.70E 150 4.4b,4.1

ISC Event type se.

IDC Error ellipse: s-maj=21.4km s-min=15.3km az=103.0. ISCJB Event type se. Error ellipse: s-maj=20.1km s-min=16.2km az=137.6. NEIC Event type se. Error ellipse: s-maj=12.4km s-min=7.2km az=98.0. IDC III 01 17 36 57.5-7.8 5.22S 151.45E 118-53 3.7,3.5 ¶10595293

IDC Error ellipse: s-maj=97.6km s-min=31.3km az=104.0. ID III 04 02 47 18.4-6.8 7.59S 150.86E 45-58 3.6,3.5 ¶10596930

IDC Error ellipse: s-maj=81.9km s-min=38.6km az=130.0. ID III 07 10 10 14.0-6.7 6.51S 151.97E 62-55 3.8,3.7 ¶10598950

IDC Error ellipse: s-maj=59.7km s-min=33.1km az=116.0. ID III 07 14 01 31.5-5.2 4.73S 151.64E 76-45 3.4,3.3 ¶10599074

IDC Error ellipse: s-maj=125.2km s-min=28.6km az=129.0.

853.00000°; 88.00000°. Principal axes: T 3.1700, Plg82.0000°, Azm348.0000°
; N 0.4260, Plg2.0000°, Azm91.0000°; P -3.5990, Plg8.0000°, Azm181.0000°; M₃ 3.38400×10¹⁷

MOS Error ellipse: s-maj=12.1km s-min=7.5km az=92.9.

ISC II 07 07 03 18.1-2.6 6.69S-09 153.6E-10 40-21 4.6b,4.3s 59 7-152

ISCJB II 07 07 03 16.3-2.7 6.63S-09 153.5E-10 36-22 4.6b,4.3s

MOS II 07 07 03 18.1-2.6 6.66S 152.97E 33 4.7b,4.3s

IDC II 07 07 03 19.2-5.4 6.21S 153.51E 48-46 4.3,4.2

BJI II 07 07 03 23.2 6.60S 153.20E 87 5.4b,4.9s

NEIC II 07 07 03 24.7-3.3 6.63S 153.23E 87-27 4.5b,4.9s

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=19.5km s-min=13.4km az=42.9.

MOS Error ellipse: s-maj=25.1km s-min=16.9km az=90.4.

IDC Error ellipse: s-maj=39.9km s-min=23.0km az=95.0.

NEIC Event type se. Error ellipse: s-maj=31.4km s-min=15.8km az=88.0.

IDC II 08 04 48 48.3-6.6 5.72S 151.62E 67-53 3.5,3.4

IDC Error ellipse: s-maj=119.9km s-min=35.0km az=128.0.

ISC II 09 14 02 22.4-4.2 5.6S-50 148.9E-60 142-46 4.0b 7 4-147

ISCJB II 09 14 02 21.4-4.7 5.5S-50 148.7E-60 140-51 4.0b

IDC II 09 14 02 24.0-4.9 5.81S 149.00E 163-55 3.9,3.6

ISCJB Error ellipse: s-maj=118.2km s-min=30.6km az=81.3.

IDC Error ellipse: s-maj=129.5km s-min=35.8km az=133.0.

ISC II 10 07 26 01.9-2.0 4.8S-10 152.9E-10 65-17 4.0b 22 7-151

ISCJB II 10 07 25 56.9-2.4 4.63S-10 152.9E-10 34-21 4.1b,3.4s

IDC II 10 07 26 02.0-2.8 4.73S 152.79E 65-23 4.0,4.0

NEIC II 10 07 26 01.7-2.1 4.72S 152.81E 63-19 4.5b,4.0

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=21.1km s-min=12.7km az=75.9.

IDC Error ellipse: s-maj=26.1km s-min=14.5km az=127.0.

NEIC Event type se. Error ellipse: s-maj=14.4km s-min=12.3km az=220.0.

ISC II 12 03 08 17.8-4.0 5.7S-30 151.4E-30 64-32 3.9b 9 6-149

ISCJB II 12 03 08 16.7-4.3 5.8S-30 151.4E-30 67-35 3.7b

IDC II 12 03 08 18.4-5.9 5.74S 151.32E 69-49 3.8,3.7

NEIC II 12 03 08 18.7-3.4 5.70S 151.31E 73-27 4.0b,3.7

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=67.6km s-min=27.4km az=78.8.

IDC Error ellipse: s-maj=64.6km s-min=29.5km az=117.0.

NEIC Event type se. Error ellipse: s-maj=55.7km s-min=24.3km az=123.0.

IDC II 12 10 21 40.9-4.0 5.55S 148.66E 186-41 3.3,3.0

IDC Error ellipse: s-maj=101.7km s-min=30.8km az=128.0.

ISC II 12 13 19 14.5-6.8 5.4S-60 151.5E-60 19-46 4.1s,3.8b 7 6-149

IDC II 12 13 19 12.2-1.9 5.22S 151.28E 0 4.1s,4.1

ISCJB II 12 13 19 13.7-7.2 5.3S-60 151.3E-60 21-54 4.1s,3.8b

IDC II 12 16 42 20.5-6.4 4.28S 150.19E 0 3.7,3.5

IDC Error ellipse: s-maj=308.2km s-min=52.5km az=114.0.

ISC II 12 17 40 18.5-1.4 5.12S-07 151.64E-09 145-11 4.4b 37 6-149

ISCJB II 12 17 40 15.7-1.7 4.95S-07 151.59E-10 134-14 4.4b

IDC II 12 17 40 18.0-1.8 5.07S 151.59E 142-15 4.3,4.1

NEIC II 12 17 40 18.6-2.2 5.05S 151.61E 150-20 4.6b,4.1

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=16.6km s-min=11.3km az=46.4.

IDC Error ellipse: s-maj=20.3km s-min=10.6km az=122.0.

NEIC Event type se. Error ellipse: s-maj=17.2km s-min=11.7km az=59.0.

ISC II 14 20 47 18.2-4.8 4.8S-20 152.8E-40 106-32 3.7b 9 7-150

ISCJB II 14 20 47 17.0-5.3 4.7S-30 152.7E-40 107-38 3.7b

IDC II 14 20 47 22.6-8.5 4.73S 152.40E 135-56 3.7,3.4

ISCJB Error ellipse: s-maj=72.0km s-min=29.4km az=52.8.

IDC Error ellipse: s-maj=99.5km s-min=28.1km az=101.0.

IDC II 14 22 10 35.8-3.3 5.19S 152.01E 0 3.8,3.6

IDC Error ellipse: s-maj=152.9km s-min=40.1km az=122.0.

IDC II 15 12 13 36.0-6.4 7.25S 150.20E 91-54 3.6s,3.6

IDC Error ellipse: s-maj=110.6km s-min=34.1km az=126.0.

ISC II 16 01 02 49.1-3.0 5.9S-20 150.3E-10 121-23 4.0b 14 5-148

IDC II 16 01 02 47.6-3.1 5.87S 150.34E 112-23 4.0,3.7

ISCJB II 16 01 02 48.1-3.2 5.9S-20 150.2E-10 128-25 4.1b,3.7

NEIC II 16 01 02 49.1-2.6 5.95S 150.35E 123-21 4.2b,3.7

ISC Event type se.

IDC Error ellipse: s-maj=25.8km s-min=23.6km az=99.0.

ISCJB Event type se. Error ellipse: s-maj=29.3km s-min=23.4km az=6.0.

NEIC Event type se. Error ellipse: s-maj=24.6km s-min=19.3km az=196.0.

IDC II 16 23 06 03.9-7.5 5.25S 150.07E 111-55 3.6,3.3

IDC Error ellipse: s-maj=91.9km s-min=54.5km az=119.0.

ISC II 17 07 24 10.2-4.1 5.3S-20 152.7E-30 44-36 3.9b 10 7-150

IDC II 17 07 24 03.5-1.5 5.20S 152.77E 0 4.1,4.0

ISCJB II 17 07 24 08.6-4.6 5.2S-20 152.5E-30 39-39 3.9b,4.0

NEIC II 17 07 24 10.5-3.6 5.28S 152.67E 47-30 4.2b,4.0

ISC Event type se.

IDC Error ellipse: s-maj=61.0km s-min=21.4km az=124.0.

ISCJB Event type se. Error ellipse: s-maj=58.9km s-min=22.3km az=76.3.

NEIC Event type se. Error ellipse: s-maj=49.1km s-min=24.3km az=120.0.

ISC II 18 15 59 24.0-1.1 5.24S-02 152.11E-02 56 6.1s,5.8b 451 6-161

CRAAG II 18 15 59 19.5 5.14S 152.05E 6 1b,5.8b

MOS II 18 15 59 19.8-1.4 5.13S 152.05E 33 6.5b,6.1s

NAO II 18 15 59 19.1 5.49S 152.53E 33 5.0b,6.1s

ISCJB II 18 15 59 21.9-1.1 5.24S-02 152.06E-02 54 6.1s,5.8b

BJI II 18 15 59 22.0 5.20S 152.10E 44 6.1s,6.1b

HRVD II 18 15 59 22.1-1.0 5.27S 152.13E 46-0 6.2W,6.1b

NEIC II 18 15 59 22.1-88 5.19S 152.05E 44-7 6.2W,6.2s

SZGRF II 18 15 59 24.4 4.51S 153.82E 33 6.2b,6.2s

IDC II 18 15 59 24.9-1.4 5.23S 152.06E 71-11 5.9s,5.9

ISC Event type se.

MOS Error ellipse: s-maj=7.1km s-min=5.2km az=82.4.

ISCJB Event type se. Error ellipse: s-maj=3.5km s-min=3.0km az=114.9.

HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s102,c224; Mantle waves: s107,c392;Half duration: 3s1 Moment tensor: Scale 10¹⁸Nm; M_{rr}1.50±.02 M_{θθ}-1.65±.01; M_{φφ}0.14±.01; M_{rr}-1.92±.02; M_{θθ}0.44±.01; M_{φφ}0.18±.02; Best double couple: NP1:φ=111.00000°,δ21.00000°,λ103.00000°; NP2:φ=277.00000°,δ70.00000°,λ85.00000°. Principal axes: T 2.4090,Plg65.0000°,Azm179.0000°; N 0.2250,Plg5.0000°,Azm279.0000°; P -2.6400,Plg25.0000°,Azm11.0000°; M₂ 5.2400×10¹⁸

NEIC Event type se. Error ellipse: s-maj=3.9km s-min=3.6km az=91.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s31 Moment tensor: Scale 10¹⁸Nm; M_{rr}1.13 M_{θθ}-1.06 M_{φφ}-0.07 M_{rr}-1.84 M_{θθ}1.53 M_{φφ}-0.37 Best double couple: NP1:φ=271.00000°,δ74.00000°,λ54.00000°; NP2:φ=161.00000°,δ39.00000°,λ154.00000°. Principal axes: T 2.6500,Plg48.0000°,Azm143.0000°; N 0.0100,Plg34.0000°,Azm283.0000°; P -2.6700,Plg21.0000°,Azm28.0000°; M₂ 2.7000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=100.00000°,δ15.00000°,λ90.00000°. NP2:φ=280.00000°,δ75.00000°,λ90.00000°. Principal axes: T Plg60.0000°,Azm190.0000°; N Plg0.0000°,Azm0.0000°; P Plg30.0000°,Azm10.0000°

SZGRF New Ireland, Papua New Guinea, region.

IDC Error ellipse: s-maj=9.6km s-min=7.2km az=70.0.

ISC II 18 16 05 19.2-1.5 5.25S-06 152.19E-07 76-13 4.8b 69 6-150

MOS II 18 16 05 13.0-1.8 5.20S 152.34E 33 5.2b

ISCJB II 18 16 05 17.0-1.9 5.20S-06 152.15E-07 69-17 4.8b

NEIC II 18 16 05 17.9-1.4 5.24S 152.25E 65-13 5.1b

BJI II 18 16 05 17.9 5.20S 152.20E 64 4.9b

IDC II 18 16 05 19.1-2.7 5.22S 152.20E 73-25 4.9,4.7

ISC Event type se.

MOS Error ellipse: s-maj=14.5km s-min=9.9km az=64.2.

ISCJB Event type se. Error ellipse: s-maj=12.2km s-min=9.6km az=40.7.

NEIC Event type se. Error ellipse: s-maj=10.5km s-min=7.8km az=120.0.

IDC Error ellipse: s-maj=18.4km s-min=15.7km az=97.0.

ISC II 18 16 08 10.8-3.3 5.1S-30 152.0E-20 72-29 4.7b 15 6-150

ISCJB II 18 16 08 09.0-3.8 5.0S-20 151.9E-20 67-33 4.7b

IDC II 18 16 08 10.3-5.3 4.92S 151.87E 68-48 4.8,4.8

NEIC II 18 16 08 11.1-2.1 5.08S 152.00E 78-19 5.2b,4.8

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=51.5km s-min=20.9km az=98.3.

IDC Error ellipse: s-maj=108.9km s-min=28.4km az=133.0.

NEIC Event type se. Error ellipse: s-maj=30.3km s-min=12.6km az=141.0.

IDC II 18 16 40 35.4-5.7 7.60S 150.48E 0 3.5,3.4

IDC Error ellipse: s-maj=164.9km s-min=36.2km az=109.0.

ISC II 18 17 26 38.3-3.2 5.6S-20 152.4E-20 84-27 3.9b 19 6-150

IDC II 18 17 26 34.5-1.4 5.52S 152.60E 54-9 4.0,3.9

NEIC II 18 17 26 34.4-85 5.54S 152.54E 52 4.3b,3.9

ISCJB II 18 17 26 36.5-3.8 5.5S-20 152.4E-20 81-32 3.9b,3.9

ISC Event type se.

NEIC Event type se.

ISCJB Event type se.

IDC II 18 18 01 40.3-4.4 5.25S 152.80E 0 3.8,3.5b

IDC Error ellipse: s-maj=223.4km s-min=48.7km az=122.0.

ISC II 18 23 16 23.4-2.8 5.1S-10 152.1E-10 88-26 4.0b 16 6-150

ISCJB II 18 23 16 21.6-3.5 5.1S-20 152.1E-10 81-32 4.0b

IDC II 18 23 16 22.7-4.9 5.23S 152.16E 76-45 4.1,4.0

NEIC II 18 23 16 23.4-2.7 5.10S 152.06E 92-25 4.1b,4.0

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=27.3km s-min=20.4km az=122.4.

IDC Error ellipse: s-maj=34.6km s-min=24.9km az=143.0.

NEIC Event type se. Error ellipse: s-maj=21.1km s-min=16.6km az=137.0.

IDC II 19 00 10 53.9-8.2 5.24S 152.43E 58-61 3.7,3.6

IDC Error ellipse: s-maj=117.9km s-min=50.2km az=131.0.

IDC II 19 02 01 48.2-3.7 5.12S 152.51E 0 3.9,3.6b

IDC Error ellipse: s-maj=166.9km s-min=46.7km az=121.0.

ISC II 19 03 19 11.4-3.5 5.1S-20 152.1E-20 72-33 3.8b 8 6-150

ISCJB II 19 03 19 09.2-4.2 5.1S-20 152.1E-20 63-37 3.9b

IDC II 19 03 19 09.2-5.5 5.04S 152.10E 55-50 3.9,3.9

NEIC II 19 03 19 09.1-94 5.02S 152.13E 53 3.8b,3.9

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=38.2km s-min=23.4km az=129.4.

IDC Error ellipse: s-maj=39.5km s-min=26.0km az=163.0.

NEIC Event type se. Error ellipse: s-maj=27.6km s-min=14.9km az=143.0.

ISC II 19 23 47 30.3-3.8 5.3S-30 152.3E-30 87-30 4.0b 10 7-150

ISCJB II 19 23 47 28.8-4.3 5.3S-30 152.3E-30 85-34 4.0b

IDC II 19 23 47 29.3-5.2 5.30S 152.30E 75-45 4.1,4.0

NEIC II 19 23 47 31.0-3.0 5.29S 152.22E 93-23 4.5b,4.0

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=58.3km s-min=27.6km az=82.4.

IDC Error ellipse: s-maj=66.6km s-min=25.4km az=126.0.

NEIC Event type se. Error ellipse: s-maj=40.3km s-min=21.3km az=125.0.

IDC II 20 09 29 50.8-8.3 6.22S 149.08E 61-66 3.6L,3.6

IDC Error ellipse: s-maj=126.8km s-min=54.0km az=119.0.

ISC II 20 11 46 44.8-4.1 5.3S-30 152.2E-30 84-34 3.9b 8 6-83

ISCJB II 20 11 46 43.4-4.7 5.3S-30 152.2E-30 82-39 3.9b

IDC II 20 11 46 43.7-5.5 5.20S 152.17E 75-49 4.1,4.0

ISCJB Error ellipse: s-maj=62.2km s-min=29.4km az=78.7.

IDC Error ellipse: s-maj=73.7km s-min=25.4km az=125.0.

IDC II 20 14 06 47.1-6.6 5.17S 151.94E 94-48 3.8,3.7

IDC Error ellipse: s-maj=110.4km s-min=42.6km az=129.0.

IDC II 22 10 51 30.8-2.2 4.56S 151.55E 0 3.5,3.3

IDC Error ellipse: s-maj=159.1km s-min=30.0km az=126.0.

ISC II 23 08 04 01.4-4.3 5.4S-30 152.4E-40 62-39 3.9b 8 7-150

ISCJB II 23 08 03 59.0-4.9 5.5S-30 152.5E-40 62-44 4.0b

IDC II 23 08 04 00.1-5.8 5.37S 152.37E 63-51 4.1,4.1

ISCJB Error ellipse: s-maj=71.7km s-min=25.5km az=76.7.

IDC Error ellipse: s-maj=69.9km s-min=27.1km az=123.0.

ISC II 23 17 07 35.2-3.8 5.3S-20 149.0E-30 64-27 4.1b 13 4-85

ISCJB II 23 17 07 34.7-3.9 5.3S-20 148.8E-30 67-28 4.0b

NEIC II 23 17 07 35.2-3.2 5.29S 148.92E 65-23 4.3b

IDC II 23 17 07 45.6-8.0 6.08S 148.70E 106-48 4.0,3.7

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=47.5km s-min=28.2km az=163.7.

NEIC Event type se. Error ellipse: s-maj=34.9km s-min=21.0km az=80.0.

IDC Error ellipse: s-maj=73.6km s-min=61.0km az=105.0.

IDC II 24 00 13 17.1-1.8 5.77S 148.07E 0 4.0,3.8

IDC Error ellipse: s-maj=92.5km s-min=20.0km az=122.0.

ISC II 24 19 16 50.2-1.6 4.34S-09 152.82E-07 68-15 4.3b 32 8-158

IDC II 24 19 16 48.0-2.1 4.35S 152.73E 43-18 4.3L,4.3

ISCJB II 24 19 16 48.7-2.4 4.4S-10 152.84E-06 70-22 4.3b,4.3

NEIC II 24 19 16 50.0-1.9 4.33S 152.77E 62-17 4.7b,4.3

ISC Event type se.

IDC Error ellipse: s-maj=19.0km s-min=13.4km az=114.0.

ISCJB Event type se. Error ellipse: s-maj=17.1km s-min=10.3km az=159.8.

NEIC Event type se. Error ellipse: s-maj=16.6km s-min=11.8km az=148.0.

IDC II 25 08 15 15.9-3.6 4.44S 152.96E 0 4.0,3.8

IDC Error ellipse: s-maj=169.4km s-min=46.0km az=121.0.

IDC II 25 16 08 03.4-2.1 4.21S 152.16E 0 3.7,3.5

IDC Error ellipse: s-maj=141.0km s-min=25.7km az=126.0.

IDC IV 01 19 38 51.1-8.2 5.99S 150.75E 112-55 3.3,3.0

IDC Error ellipse: s-maj=119.0km s-min=56.2km az=123.0.

IDC IV 05 09 30 59.4-4.1 4.92S 150.61E 0 3.4,3.2

IDC Error ellipse: s-maj=171.8km s-min=49.2km az=115.0.

IDC IV 05 16 07 45.5-2.2 5.74S 151.07E 0 3.9,3.6b

IDC Error ellipse: s-maj=130.2km s-min=30.6km az=125.0.

IDC IV 09 08 28 08.5-6.5 5.34S 151.08E 199-42 3.4,3.1

IDC Error ellipse: s-maj=129.9km s-min=47.7km az=121.0.

IDC II 26 01 39 37.2-3.8 5.12S 152.59E 0 3.8,3.6

IDC Error ellipse: s-maj=167.3km s-min=49.5km az=121.0.

IDC II 26 02 54 08.9-3.9 5.04S 152.39E 0 3.6,3.3b

IDC Error ellipse: s-maj=168.4km s-min=49.3km az=120.0.

IDC IV 16 21 35 19.4-1.9 5.25S 150.59E 0 3.7,3.4

IDC Error ellipse: s-maj=139.4km s-min=28.7km az=125.0.

ISC II 26 07 55 32.5-5.8 6.2S-20 153.1E-50 121-36 3.6b 9 7-151

IDC II 26 07 55 12.1-1.9 6.34S 154.38E 0 4.0,3.9

ISCJB II 26 07 55 29.3-6.2 6.1S-20 153.2E-50 111-42 3.6b,3.9

NEIC II 26 07 55 32.6-4.4 6.18S 153.09E 124-27 4.0b,3.9

ISC Event type se.

IDC Error ellipse: s-maj=59.5km s-min=25.8km az=121.0.

ISCJB Event type se. Error ellipse: s-maj=79.8km s-min=30.2km az=6.6.

NEIC Event type se. Error ellipse: s-maj=58.2km s-min=19.3km az=93.0.

ISC II 26 15 36 32.7-1.9 5.7S-20 148.2E-10 145-15 4.2b 18 4-85

ISCJB II 26 15 36 27.0-2.2 5.4S-10 148.0E-10 106-19 4.2b

IDC II 26 15 36 32.3-2.5 5.78S 148.25E 146-20 4.3,3.9

NEIC II 26 15 36 32.5-2.3 5.70S 148.22E 149-20 4.7b,3.9

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=30.7km s-min=12.8km az=89.8.

IDC Error ellipse: s-maj=57.7km s-min=15.4km az=123.0.

NEIC Event type se. Error ellipse: s-maj=28.7km s-min=11.8km az=153.0.

ISC II 26 16 55 02.0-3.4 5.4S-20 151.6E-30 70-28 3.8b 16 6-151

BJI	I	08 02 58 48.9	4.80S	152.00E	71	5.4b,4.7b	¶18185054
ISCJB	I	08 02 58 50.0-33	4.82S-05	152.03E-06	72	4.8b,4.7b	
NEIC	I	08 02 58 51.0-28	4.77S	152.06E	72	4.8b,4.7b	
IDC	I	08 02 58 51.0-54	4.86S	152.04E	73-4	4.6,4.5	
MOS	I	08 02 58 50.5-1.1	4.76S	152.07E	78	4.8b,4.5	
ISC	Event type se.						
ISCJB	Event type se.	Error ellipse: s-maj=8.9km s-min=6.3km az=36.2.					
NEIC	Event type se.	Error ellipse: s-maj=9.9km s-min=6.8km az=102.0.					
IDC	Event type se.	Error ellipse: s-maj=19.3km s-min=13.4km az=99.0.					
MOS	Event type se.	Error ellipse: s-maj=14.3km s-min=9.9km az=74.7.					
ISC	I	09 21 44 32.3-1.6	6.75S-08	149.04E-09	82-14	4.1b	29 3-154
ISC	I	09 21 44 28.4-1.9	6.60S-08	149.07E-10	64-16	4.2b	¶19479679
NEIC	I	09 21 44 30.6-2.2	6.66S	149.08E	69-20	4.4b	
IDC	I	09 21 44 32.2-2.1	6.72S	149.02E	83-17	4.3,4.2	
ISC	Event type se.						
ISCJB	Event type se.	Error ellipse: s-maj=17.7km s-min=11.6km az=64.8.					
NEIC	Event type se.	Error ellipse: s-maj=14.9km s-min=14.7km az=186.0.					
IDC	Event type se.	Error ellipse: s-maj=19.6km s-min=12.9km az=124.0.					
ISC	I	20 09 51 22.0-7.5	5.9S-60	151.9E-60	32-57	4.0b	6 6-150
IDC	I	20 09 51 17.4-2.2	5.84S	151.74E	0	4.3,4.1	¶19484088
ISCJB	I	20 09 51 20.7-7.3	5.8S-70	151.7E-60	31-55	4.0b,4.1	
ISC	I	25 23 56 26.7-3.7	4.8S-10	152.0E-30	142-27	3.8b	17 7-150
ISCJB	I	25 23 56 25.8-3.8	4.7S-10	151.9E-20	147-30	3.8b	¶19486092
NEIC	I	25 23 56 26.5-2.9	4.69S	151.94E	143-20	4.0b	
IDC	I	25 23 56 27.8-8.2	4.73S	151.85E	150-55	3.8,3.4	
ISC	Event type se.						
ISCJB	Event type se.	Error ellipse: s-maj=40.8km s-min=24.1km az=18.1.					
NEIC	Event type se.	Error ellipse: s-maj=39.8km s-min=16.6km az=96.0.					
IDC	Event type se.	Error ellipse: s-maj=107.2km s-min=34.4km az=102.0.					
ISC	I	27 19 56 25.3-3.6	5.4S-30	150.5E-40	88-30	3.8b	9 5-84
ISCJB	I	27 19 56 24.7-3.8	5.3S-30	150.3E-40	91-33	3.8b	¶19486897
IDC	I	27 19 56 27.9-5.6	5.44S	150.34E	109-57	3.9,3.7	
ISCJB	Event type se.	Error ellipse: s-maj=77.3km s-min=25.9km az=62.0.					
IDC	Event type se.	Error ellipse: s-maj=61.2km s-min=40.0km az=132.0.					
ISC	I	26 03 57 57.0-1.8	6.0S-30	153.9E-30	35	4.0b	10 7-152
IDC	I	26 03 57 52.4-1.8	5.82S	153.87E	0	4.2,4.1	¶19486147
NEIC	I	26 03 57 54.5-9.8	6.10S	154.10E	24-65	4.4b,4.1	
ISCJB	I	26 03 57 56.2-1.8	5.9S-30	153.7E-30	33	4.0b,4.1	
ISC	Event type se.						
NEIC	Event type se.	Error ellipse: s-maj=53.9km s-min=27.9km az=113.0.					
ISCJB	Event type se.	Error ellipse: s-maj=43.0km s-min=22.6km az=31.7.					
NEIC	Event type se.	Error ellipse: s-maj=30.2km s-min=15.9km az=107.0.					
ISC	V	27 07 05 24.9-7.5	4.25S-03	151.84E-04	216-7	4.8b	221 7-157
ISCJB	V	27 07 05 22.6-8.2	4.25S-03	151.83E-03	209-7	4.8b	¶110698643
MOS	V	27 07 05 23.2-9.4	4.18S	151.86E	215	4.8b	
BJI	V	27 07 05 24.2	4.34S	152.43E	256	4.7b,4.6b	
IDC	V	27 07 05 24.2-5.4	4.28S	151.78E	213-4	5.2,4.8	
NEIC	V	27 07 05 25.5-1.4	4.25S	151.85E	225	4.9b,4.8	
HRVD	V	27 07 05 25.5-2.0	4.30S	151.87E	220-1	5.2W,4.8	
ISC	Event type se.						
ISCJB	Event type se.	Error ellipse: s-maj=6.0km s-min=5.0km az=77.9.					
MOS	Event type se.	Error ellipse: s-maj=9.0km s-min=6.6km az=93.8.					
IDC	Event type se.	Error ellipse: s-maj=9.5km s-min=6.9km az=107.0.					
NEIC	Event type se.	Error ellipse: s-maj=5.2km s-min=4.0km az=109.0.					
HRVD	Event type se.	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s84,c124; Half duration: 1s0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:0.56±.17 Mw:0.10±.19; M ₀ :0.45±.20; M ₀ :0.40±.18; M ₀ :6.58±.15; Best double couple: NP1:φ:320.0000°; δ2:0.0000°; λ80.0000°; NP2:φ:151.0000°; δ3:0.0000°; λ90.0000°; Principal axes: T: 7.4900,Plg47.0000°; Azm61.0000°; N: 0.1520,Plg0.0000°; Azm331.0000°; P: -7.6430,Plg43.0000°; Azm240.0000°; M ₀ :7.56600×10 ¹⁶					
IDC	V	18 11 49 25.1-1.1	6.01S	152.31E	0	4.3,4.2	¶19599133
IDC	Event type se.	Error ellipse: s-maj=36.7km s-min=20.7km az=143.0.					
IDC	V	18 15 56 52.9-1.6	5.89S	151.77E	0	4.1,3.9	¶19599137
IDC	Event type se.	Error ellipse: s-maj=61.2km s-min=22.3km az=120.0.					
IDC	V	19 13 57 04.9-1.6	5.24S	150.22E	0	3.9,3.7	¶19599179
IDC	Event type se.	Error ellipse: s-maj=90.0km s-min=25.2km az=126.0.					
ISC	V	20 01 10 28.9-1.5	5.03S-08	152.10E-07	115-14	4.5b	53 7-157
MOS	V	20 01 10 18.6-8.4	4.69S	152.03E	33	4.8b	¶110698530
ISCJB	V	20 01 10 26.1-2.1	4.93S-10	152.06E-08	103-19	4.5b	
IDC	V	20 01 10 27.4-1.0	4.91S	152.05E	103-8	4.4,4.3	
NEIC	V	20 01 10 27.2-2.6	4.93S	152.04E	102	4.8b,4.3	
BJI	V	20 01 10 27.2	4.90S	152.00E	101	4.8b,4.8b	
ISC	Event type se.						
MOS	Event type se.	Error ellipse: s-maj=18.8km s-min=15.8km az=63.3.					
ISCJB	Event type se.	Error ellipse: s-maj=16.7km s-min=11.5km az=127.7.					
IDC	Event type se.	Error ellipse: s-maj=22.0km s-min=12.7km az=121.0.					
NEIC	Event type se.	Error ellipse: s-maj=8.8km s-min=6.2km az=131.0.					
ISC	V	20 13 30 34.8-2.6	4.7S-40	152.0E-40	96-18	3.8b	11 7-150
ISCJB	V	20 13 30 35.4-4.1	4.6S-40	151.8E-40	107-34	3.8b	¶19131800
IDC	V	20 13 30 35.1-2.9	4.44S	151.63E	87-24	4.1,4.0	
NEIC	V	20 13 30 35.2-1.6	4.00S	151.12E	86	4.2b,4.0	
ISC	Event type se.						
ISCJB	Event type se.	Error ellipse: s-maj=94.3km s-min=28.0km az=83.3.					
IDC	Event type se.	Error ellipse: s-maj=96.4km s-min=16.2km az=129.0.					
NEIC	Event type se.	Error ellipse: s-maj=97.2km s-min=17.3km az=125.0.					
IDC	VI	18 17 15 23.8-8.4	6.09S	151.75E	62-60	4.0,3.8	¶19600157
IDC	Event type se.	Error ellipse: s-maj=80.9km s-min=31.8km az=106.0.					
ISC	VI	19 06 49 18.2-2.4	5.5S-10	152.24E-10	98-21	4.4b	43 6-157
ISCJB	VI	19 06 49 17.1-2.9	5.5S-10	152.2E-10	100-25	4.4b	¶18855467
MOS	VI	19 06 49 17.8-7.2	5.32S	152.07E	102	4.6b	
NEIC	VI	19 06 49 19.7-1.6	5.54S	152.20E	114-14	4.6b	
IDC	VI	19 06 49 19.2-4.0	5.56S	152.17E	104-34	4.4,4.2	
ISC	Event type se.						
ISCJB	Event type se.	Error ellipse: s-maj=18.6km s-min=16.6km az=98.6.					
MOS	Event type se.	Error ellipse: s-maj=20.0km s-min=13.3km az=54.2.					
NEIC	Event type se.	Error ellipse: s-maj=10.7km s-min=9.3km az=138.0.					
IDC	Event type se.	Error ellipse: s-maj=23.9km s-min=22.7km az=18.0.					
IDC	VI	21 11 01 11.9-5.8	4.43S	151.54E	95-46	4.0,3.8	¶19600264
IDC	Event type se.	Error ellipse: s-maj=101.5km s-min=39.9km az=129.0.					
IDC	VI	23 23 36 58.2-8.9	5.40S	149.69E	66-68	3.7,3.7	¶19600362
IDC	Event type se.	Error ellipse: s-maj=145.7km s-min=58.0km az=118.0.					
ISC	VI	27 05 08 58.0-4.2	6.1S-20	151.5E-30	49-33	4.3b	14 5-151
IDC	VI	27 05 08 51.5-1.1	5.88S	151.33E	0	4.4,4.3	¶19222686
ISCJB	VI	27 05 08 56.3-4.4	6.0S-20	151.4E-30	51-35	4.3b,4.3	
NEIC	VI	27 05 08 56.2-8.4	6.04S	151.52E	35	4.7b,4.3	
ISC	Event type se.						
IDC	Event type se.	Error ellipse: s-maj=37.7km s-min=23.5km az=129.0.					
ISCJB	Event type se.	Error ellipse: s-maj=49.4km s-min=22.0km az=49.3.					
NEIC	Event type se.	Error ellipse: s-maj=29.5km s-min=12.1km az=122.0.					
ISC	VI	28 00 31 23.9-1.7	6.5S-10	151.30E-09	84-16	3.8b	16 5-149
ISCJB	VI	28 00 31 22.4-2.0	6.6S-10	151.30E-09	85-19	3.8b	¶19222784
NEIC	VI	28 00 31 24.5-1.3	6.55S	151.36E	94-13	4.1b	
IDC	VI	28 00 31 24.7-8.4	6.53S	151.17E	88-58	4.0,3.8	
ISC	Event type se.						
ISCJB	Event type se.	Error ellipse: s-maj=23.5km s-min=13.6km az=132.3.					
NEIC	Event type se.	Error ellipse: s-maj=16.1km s-min=9.7km az=149.0.					

IDC	Event type se.	Error ellipse: s-maj=61.6km s-min=53.9km az=92.0.					
IDC	VI	26 19 15 55.9-5.3	5.47S	151.19E	164-41	3.8,3.5	¶19600475
IDC	Event type se.	Error ellipse: s-maj=92.0km s-min=39.6km az=129.0.					
ISC	VI	01 13 16 26.5-1.3	5.13S-03	151.79E-03	43	5.1b,4.7s	368 6-167
MOS	VI	01 13 16 24.5-7.9	5.08S	151.77E	42	5.4b,4.7s	¶18443103
ISCJB	VI	01 13 16 24.6-1.3	5.12S-03	151.76E-03	41	5.1b,4.7s	
HRVD	VI	01 13 16 25.3-1.0	5.44S	152.01E	48-0	5.3W,4.7s	
NEIC	VI	01 13 16 25.3-1.1	5.15S	151.80E	40	5.2b,4.8s	
BJI	VI	01 13 16 25.3	5.10S	151.80E	40	5.2b,5.0b	
IDC	VI	01 13 16 26.0-1.4	5.12S	151.80E	47-12	5.0,4.8	
ISC	Event type se.						
MOS	Event type se.	Error ellipse: s-maj=8.6km s-min=6.2km az=89.0.					
ISCJB	Event type se.	Error ellipse: s-maj=4.3km s-min=3.6km az=135.6.					
HRVD	Event type se.	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s88,c154; Mantle waves: s90,c166; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.94±.02 Mw:1.03±.01; M ₀ :0.09±.02; M ₀ :0.29±.02; M ₀ :0.46±.01; M ₀ :0.12±.02; Best double couple: NP1:φ:235.0000°; δ41.0000°; λ66.0000°; NP2:φ:85.0000°; δ53.0000°; λ109.0000°; Principal axes: T: 1.0220,Plg74.0000°; Azm49.0000°; N: 0.1960,Plg15.0000°; Azm253.0000°; P: -1.2180,Plg6.0000°; Azm161.0000°; M ₀ :1.2000×10 ¹⁷					
NEIC	Event type se.	Error ellipse: s-maj=4.5km s-min=3.3km az=123.0.					
IDC	Event type se.	Error ellipse: s-maj=14.4km s-min=9.3km az=123.0.					
NEIC	VI	28 03 50 03.7-5.5	5.91S	151.17E	72-29	3.9b	
IDC	VI	28 03 50 03.2-8.8	5.88S	151.12E	61-63	4.1s,4.1	¶19222787
NEIC	Event type se.	Error ellipse: s-maj=113.2km s-min=40.9km az=120.0.					
IDC	Event type se.	Error ellipse: s-maj=99.4km s-min=54.8km az=127.0.					
IDC	VI	28 05 36 26.7-8.9	5.65S	150.80E	56-64	3.7,3.7	¶19600537
IDC	Event type se.	Error ellipse: s-maj=102.2km s-min=55.9km az=126.0.					
ISC	VI	02 00 12 14.5-1.1	6.01S-07	148.55E-09	69-10	3.6b	30 4-147
ISCJB	VI	02 00 12 09.7-1.4	5.87S-07	148.57E-09	40-12	3.8b,3.3s	¶19221300
NEIC	VI	02 00 12 13.0-4.2	5.92S	148.54E	54	4.0b,3.3s	
IDC	VI	02 00 12 12.3-9.4	5.97S	148.66E	53-6	4.1,4.0	
ISC	Event type se.						
ISCJB	Event type se.	Error ellipse: s-maj=16.7km s-min=8.8km az=61.4.					
NEIC	Event type se.	Error ellipse: s-maj=9.0km s-min=7.1km az=105.0.					
IDC	Event type se.	Error ellipse: s-maj=29.9km s-min=12.0km az=107.0.					
ISC	IV	03 03 07 38.2-3.3	7.0S-20	150.3E-20	63-27	4.1b	11 4-151
IDC	IV	03 03 07 32.6-1.2	5.99S	149.32E	0	4.0,3.7	¶19594166
NEIC	IV	03 03 07 34.7-1.1	6.81S	150.33E	35	4.6b,3.7	
ISCJB	IV	03 03 07 38.4-3.2	7.1S-20	150.2E-20	81-26	4.0b,3.7	
ISC	Event type se.						
NEIC	Event type se.	Error ellipse: s-maj=5.1km s-min=4.8km az=22.1.					
ISCJB	Event type se.	Error ellipse: s-maj=5.6km s-min=4.3km az=124.0.					
NEIC	Event type se.	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s46,c63; Mantle waves: s81,c131; Half duration: 1s0 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.21±.03 Mw:0.75±.02; M ₀ :0.54±.02; M ₀ :0.03±.02; M ₀ :0.30±.02; Best double couple: NP1:φ:49.0000°; δ54.0000°; λ13.0000°; NP2:φ:312.0000°; δ80.0000°; λ143.0000°; Principal axes: T: 0.7340,Plg33.0000°; Azm264.0000°; N: 0.1120,Plg52.0000°; Azm118.0000°; P: -0.8460,Plg17.0000°; Azm5.0000°; M ₀ :7.9000×10 ¹⁷					
ISC	IV	04 06 32 55.0-3.9	4.9S-40	152.3E-40	86-30	3.9b	9 7-82
ISCJB	IV	04 06 32 54.0-4.5	4.8S-40	152.2E-50	85-37	3.8b	¶19594225
IDC	IV	04 06 32 54.5-4.5	4.63S	151.98E	75-42	4.0,3.9	
ISCJB	Event type se.	Error ellipse: s-maj=100.7km s-min=29.0km az=85.9.					
IDC	Event type se.	Error ellipse:					

NEIC	Event type se. Error ellipse: s-maj=8.0km s-min=6.5km az=167.0.								
ISC	IV 24 22 45 48.8-3.6	5.65S-10	154.3E-20	134-29	3.9b	17	8-152		
IDC	IV 24 22 45 47.8-5.4	5.66S	154.34E	129-43	4.2,3.9		19597892		
ISCJB	IV 24 22 45 49.2-3.7	5.7S-10	154.2E-20	152-31	3.9b,3.9				
NEIC	IV 24 22 45 49.1-2.7	5.64S	154.32E	141-21	4.2b,3.9				
ISC	Event type se.								
IDC	Error ellipse: s-maj=44.3km s-min=22.3km az=108.0.								
ISCJB	Event type se. Error ellipse: s-maj=32.2km s-min=22.6km az=34.6.								
NEIC	Event type se. Error ellipse: s-maj=29.3km s-min=14.0km az=104.0.								
ISC	IV 21 04 40 34.4-4.5	11.05S-10	162.3E-10	25-32	4.4b	20	3-161		
ISCJB	IV 21 04 40 32.4-4.3	11.10S-10	162.3E-10	27-31	4.4b		18646314		
MOS	IV 21 04 40 33.9-8.5	10.98S	162.23E	33	4.9b				
NEIC	IV 21 04 40 35.0-1.6	10.99S	162.31E	35-14	4.6b				
IDC	IV 21 04 40 38.2-4.1	10.97S	162.09E	57-32	4.4L,4.4				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=21.1km s-min=11.5km az=94.1.								
MOS	Error ellipse: s-maj=20.8km s-min=13.0km az=170.0.								
NEIC	Event type se. Error ellipse: s-maj=14.8km s-min=13.4km az=53.0.								
IDC	Error ellipse: s-maj=28.8km s-min=18.7km az=101.0.								
IDC	IV 13 18 14 11.2-2.9	5.75S	154.51E	160-29	3.8,3.4				
							19594817		
IDC	Error ellipse: s-maj=35.1km s-min=19.1km az=156.0.								
ISC	IV 13 23 08 27.8-1.7	11.97S-10	162.0E-20	35	3.3b	13	3-81		
IDC	IV 13 23 08 24.4-4.6	11.76S	161.62E	0	3.8,3.7L		19594826		
ISCJB	IV 13 23 08 25.5-1.7	11.98S-09	161.9E-20	33	3.3b,3.7L				
NEIC	IV 13 23 08 32.0-5.9	11.63S	161.38E	43-28	3.9b,3.7L				
ISC	Event type se.								
IDC	Error ellipse: s-maj=94.7km s-min=33.2km az=105.0.								
ISCJB	Event type se. Error ellipse: s-maj=28.7km s-min=12.5km az=157.2.								
NEIC	Event type se. Error ellipse: s-maj=78.8km s-min=12.0km az=109.0.								
ISC	IV 15 17 13 37.4-2.5	5.31S-04	154.01E-04	115	4.8b	131	7-159		
MOS	IV 15 17 13 33.9-8.6	5.22S	154.04E	100	4.9b		18320606		
IDC	IV 15 17 13 33.3-1.7	5.22S	153.90E	78-15	4.8,4.6				
ISCJB	IV 15 17 13 35.4-2.5	5.29S-04	153.99E-04	113	4.8b,4.6				
HRVD	IV 15 17 13 36.1-4.0	5.26S	153.87E	88-5	4.9W,4.6				
NEIC	IV 15 17 13 36.1-9.8	5.27S	153.95E	104-9	4.9b,4.6				
BJI	IV 15 17 13 36.3	4.82S	154.01E	102	5.2b,5.0b				
ISC	Event type se.								
MOS	Error ellipse: s-maj=10.9km s-min=7.7km az=93.8.								
IDC	Error ellipse: s-maj=16.9km s-min=10.5km az=72.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.1km s-min=5.0km az=167.9.								
HRVD	Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s12,c15; Mantle waves: s50,c69; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -0.79±14 M _{θθ} -1.89±12; M _{φφ} 2.68±12; M _{rr} 1.01±0.08; M _{θθ} 0.88±15; M _{φφ} 0.12±10; Best double couple: NP1:φ=31.00000°; δ=69.00000°; λ=21.00000°; NP2:φ=128.00000°; δ=81.00000°; λ=158.00000°; Principal axes: T 2.8450,Plg1 0.000°; Azm259.000°; N -0.2310,Plg61 0.000°; Azm167.000°; P -2.6180,Plg29 0.000°; Azm350.000°; M ₀ 2.73200×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=7.0km s-min=5.6km az=90.0.								
ISC	IV 16 12 42 59.8-1.4	6.5S-10	154.99E-05	106-12	4.1b	29	6-153		
ISCJB	IV 16 12 42 58.5-1.7	6.5S-10	154.98E-05	108-15	4.1b		19595022		
NEIC	IV 16 12 42 59.0-1.4	6.50S	154.98E	99-13	4.7b				
IDC	IV 16 12 43 00.1-2.3	6.53S	154.95E	110-21	4.3,4.0				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=18.5km s-min=8.5km az=178.4.								
NEIC	Event type se. Error ellipse: s-maj=14.1km s-min=9.8km az=173.0.								
IDC	Error ellipse: s-maj=19.2km s-min=12.6km az=180.0.								
ISC	IV 26 17 18 49.2-1.2	10.17S-07	161.21E-09	59-10	4.1b,3.4s	25	1-96		
ISCJB	IV 26 17 18 46.1-3.3	10.23S-07	161.14E-09	67-11	4.0b,3.4s		19598042		
NEIC	IV 26 17 18 49.9-1.1	10.12S	161.13E	65-9	4.4b,3.4s				
IDC	IV 26 17 18 50.0-2.1	10.18S	161.19E	67-17	4.1,4.0				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=16.5km s-min=10.2km az=126.7.								
NEIC	Event type se. Error ellipse: s-maj=11.3km s-min=10.1km az=81.0.								
IDC	Error ellipse: s-maj=22.6km s-min=15.0km az=72.0.								
ISC	IV 27 03 13 57.7-3.0	6.2S-10	154.6E-10	52-27	4.5b	21	6-152		
ISCJB	IV 27 03 13 55.4-3.8	6.1S-10	154.5E-10	46-34	4.5b		19598059		
IDC	IV 27 03 13 58.0-4.6	6.12S	154.42E	57-39	3.9,3.8				
NEIC	IV 27 03 13 59.4-2.8	6.09S	154.45E	72-26	3.9b,3.8				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=24.9km s-min=17.5km az=32.2.								
NEIC	Event type se. Error ellipse: s-maj=27.9km s-min=27.2km az=39.0.								
IDC	Event type se. Error ellipse: s-maj=21.3km s-min=18.1km az=50.0.								
IDC	IV 01 13 41 43.2-2.8	11.35S	161.12E	0	4.0L,3.8		19594004		
IDC	Error ellipse: s-maj=62.9km s-min=27.1km az=96.0.								
IDC	IV 01 13 42 15.3-6.3	11.24S	160.95E	0	3.8,3.7		19594006		
IDC	Error ellipse: s-maj=181.6km s-min=37.0km az=119.0.								
ISC	IV 18 17 50 55.0-1.9	6.3S-20	154.67E-06	89-18	3.3b	14	6-83		
ISCJB	IV 18 17 50 52.6-2.4	6.3S-20	154.66E-06	80-23	3.3b		19595164		
NEIC	IV 18 17 50 54.9-1.6	6.34S	154.63E	88-17	3.8b				
IDC	IV 18 17 50 54.1-3.1	6.33S	154.64E	80-29	3.7,3.5				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=29.4km s-min=9.6km az=178.8.								
NEIC	Event type se. Error ellipse: s-maj=27.7km s-min=13.6km az=169.0.								
IDC	Error ellipse: s-maj=33.2km s-min=16.8km az=180.0.								
ISC	IV 27 21 09 40.7-2.8	5.8S-10	154.3E-10	153-23	4.2b	27	8-152		
ISCJB	IV 27 21 09 39.1-3.1	5.7S-10	154.3E-10	155-27	4.2b		19598101		
NEIC	IV 27 21 09 39.4-2.6	5.69S	154.29E	148-22	4.7b				
IDC	IV 27 21 09 39.4-3.7	5.65S	154.26E	145-33	4.4,4.0				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=22.4km s-min=14.0km az=81.3.								
NEIC	Event type se. Error ellipse: s-maj=18.7km s-min=13.7km az=218.0.								
IDC	Error ellipse: s-maj=22.9km s-min=15.2km az=53.0.								
ISC	IV 19 08 41 39.5-1.0	10.68S-06	161.65E-08	80-9	4.3b	42	2-97		
ISCJB	IV 19 08 41 38.9-1.1	10.76S-06	161.57E-08	89-10	4.3b		18494274		
NEIC	IV 19 08 41 39.7-1.0	10.72S	161.61E	80-9	4.6b				
IDC	IV 19 08 41 39.1-2.0	10.68S	161.62E	80-17	4.5,4.3				
MOS	IV 19 08 41 41.1-1.1	10.60S	161.42E	104	4.5b,4.3				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=14.3km s-min=8.7km az=135.2.								
NEIC	Event type se. Error ellipse: s-maj=10.3km s-min=8.3km az=67.0.								
IDC	Error ellipse: s-maj=20.9km s-min=13.0km az=68.0.								
MOS	Error ellipse: s-maj=17.8km s-min=16.0km az=54.6.								
ISC	IV 20 09 24 32.6-6.9	7.5S-10	157.92E-09	35	4.4s,4.0b	17	3-95		
ISCJB	IV 20 09 24 30.8-6.7	7.59S-10	157.85E-09	33	4.4s,4.0b		19597538		
NEIC	IV 20 09 24 34.4-6.5	7.77S	158.07E	57	4.2b,4.0b				
IDC	IV 20 09 24 36.9-3.2	7.75S	158.05E	78-32	4.4,4.3s				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=16.6km s-min=7.2km az=70.0.								
NEIC	Event type se. Error ellipse: s-maj=16.2km s-min=16.1km az=79.0.								
IDC	Error ellipse: s-maj=25.9km s-min=18.7km az=134.0.								
IDC	IV 28 07 55 10.1-4.7	8.60S	157.80E	0	4.2,4.1L		19598134		
IDC	Error ellipse: s-maj=110.7km s-min=28.2km az=179.0.								
IDC	IV 02 11 18 49.7-1.4	8.43S	156.36E	0	4.2L,4.1s		19594108		
IDC	Error ellipse: s-maj=46.7km s-min=29.8km az=168.0.								
IDC	IV 29 09 55 12.3-3.6	5.31S	154.03E	148-32	3.9,3.5		19598190		
IDC	Error ellipse: s-maj=22.9km s-min=18.7km az=88.0.								
IDC	IV 18 18 20 55.1-1.6	7.48S	154.95E	0	3.9,3.8		19595168		
IDC	Error ellipse: s-maj=53.5km s-min=23.1km az=129.0.								
ISC	IV 21 22 41 16.7-7.6	8.5S-20	156.48E-09	25-56	4.6s,3.8b	7	4-86		
IDC	IV 21 22 41 12.7-1.4	8.49S	156.42E	0	4.7,4.7s		19597664		
ISCJB	IV 21 22 41 16.8-4.5	8.6S-20	156.5E-20	41-48	4.6s,3.8b				
NEIC	IV 21 22 41 18.2-9.9	8.61S	156.48E	35	4.6s,3.8b				
ISC	Event type se.								

IDC	Error ellipse: s-maj=34.0km s-min=31.3km az=120.0.								
ISCJB	Event type se. Error ellipse: s-maj=38.9km s-min=25.6km az=127.7.								
NEIC	Event type se. Error ellipse: s-maj=27.0km s-min=15.7km az=179.0.								

ISC	IV	23 07 42 04.0-6.3	8.7S-10	156.97E-06	5-38	4.4b	29	3-155	ISCJB	III	26 19 40 43.3-2.0	6.3S-10	154.39E-07	79-18	3.9b	¶10611210	
ISCJB	IV	23 07 42 03.3-5.3	8.72S-10	156.94E-06	11-32	4.4b			NEIC	III	26 19 40 45.6-1.4	6.35S	154.40E	86-14	4.1b		
IDC	IV	23 07 42 01.1-8.0	8.66S	156.90E	0	4.3,4.2			IDC	III	26 19 40 45.4-2.9	6.30S	154.38E	93-25	4.2,3.9		
NEIC	IV	23 07 42 05.8-5.7	8.72S	156.95E	18-36	4.6b,4.2			ISC								
ISC	Event type se.								ISCJB	Event type se.	Error ellipse: s-maj=23.5km s-min=11.4km az=175.7.						
ISCJB	Event type se.	Error ellipse: s-maj=17.0km s-min=9.5km az=22.9.							NEIC	Event type se.	Error ellipse: s-maj=17.3km s-min=11.3km az=186.0.						
IDC	Event type se.	Error ellipse: s-maj=26.2km s-min=20.7km az=112.0.							IDC	Event type se.	Error ellipse: s-maj=25.9km s-min=18.7km az=178.0.						
NEIC	Event type se.	Error ellipse: s-maj=14.2km s-min=8.9km az=149.0.							ISC	III	31 00 16 52.8-1.5	8.99S-09	160.91E-10	78-11	4.4b	41	1-159
ISC	IV	10 15 51 55.8-1.5	6.4S-10	154.40E-05	66-15	4.5b	49	6-152	MOS	III	31 00 16 49.0-5.6	9.04S	160.95E	65	4.9b	¶10614014	
IDC	IV	10 15 51 49.2-3.2	6.34S	154.51E	20-18	4.3,4.2			IDC	III	31 00 16 50.7-2.1	8.98S	160.87E	64-17	4.4,4.3		
MOS	IV	10 15 51 50.7-1.1	6.12S	154.29E	33	4.8b,4.2			ISCJB	III	31 00 16 52.0-1.3	9.01S-09	160.84E-10	85-10	4.4b,4.3		
ISCJB	IV	10 15 51 52.6-1.9	6.4S-10	154.38E-05	53-19	4.6b,4.0s			NEIC	III	31 00 16 51.1-1.2	8.93S	160.84E	64-10	4.6b,4.3		
BJI	IV	10 15 51 54.0	5.71S	154.78E	52	5.2b,4.9s			BJI	III	31 00 16 51.0	8.90S	160.80E	64	5.0b,4.6b		
NEIC	IV	10 15 51 56.0-1.7	6.36S	154.38E	72-17	4.6b,4.9s			ISC	Event type se.							
ISC	Event type se.								MOS	Error ellipse: s-maj=20.6km s-min=14.3km az=157.7.							
IDC	Error ellipse: s-maj=36.2km s-min=16.5km az=130.0.								IDC	Error ellipse: s-maj=24.9km s-min=17.5km az=127.0.							
MOS	Error ellipse: s-maj=15.0km s-min=11.9km az=143.2.								ISCJB	Event type se.	Error ellipse: s-maj=16.3km s-min=14.3km az=4.9.						
ISCJB	Event type se.	Error ellipse: s-maj=18.0km s-min=8.8km az=165.5.							NEIC	Event type se.	Error ellipse: s-maj=10.3km s-min=9.6km az=109.0.						
NEIC	Event type se.	Error ellipse: s-maj=17.7km s-min=10.5km az=159.0.							IDC	III	05 22 32 31.8-2.9	6.52S	154.13E	0	3.9,3.8b		
IDC	III	26 09 10 52.1-5.7	6.64S	156.52E	0	3.8,3.6b			¶10610914								
IDC	Error ellipse: s-maj=163.6km s-min=43.9km az=110.0.								IDC	Error ellipse: s-maj=98.8km s-min=26.0km az=104.0.							
IDC	III	29 09 53 55.4-2.4	6.47S	154.32E	0	3.8,3.6b			IDC	III	07 06 27 56.4-11	5.27S	154.02E	146-68	3.7,3.4		
IDC	Error ellipse: s-maj=186.5km s-min=33.7km az=133.0.								¶10612808								
IDC	III	30 01 09 29.9-3.3	9.21S	161.31E	0	4.0,3.7b			IDC	Error ellipse: s-maj=107.5km s-min=78.6km az=178.0.							
IDC	Error ellipse: s-maj=174.7km s-min=33.0km az=136.0.								IDC	III	15 21 08 26.4-98	10.36S	161.55E	87-7	3.6,3.5		
IDC	III	02 23 17 06.1-3.6	6.67S	155.19E	0	3.8,3.7			¶10613168								
IDC	Error ellipse: s-maj=115.4km s-min=30.1km az=111.0.								IDC	Error ellipse: s-maj=20.8km s-min=11.4km az=31.0.							
IDC	III	04 18 07 09.5-5.6	6.77S	156.58E	0	3.8,3.6b			ISC	III	03 04 32 01.6-6.9	11.2S-10	162.0E-10	9-43	3.7b,3.3s	10	3-97
IDC	Error ellipse: s-maj=172.5km s-min=38.4km az=111.0.								IDC	III	03 04 31 59.4-2.4	11.35S	161.91E	0	4.0,3.9		
ISC	III	02 05 05 00.9-6.8	11.2S-10	161.9E-20	34-48	3.9b	12	3-97	ISCJB	III	03 04 32 02.4-6.5	11.2S-10	162.0E-20	26-45	3.7b,3.3s		
IDC	III	02 05 04 55.7-9.5	11.20S	161.88E	0	4.2,4.2L			NEIC	III	03 04 32 05.8-1.3	11.09S	161.86E	35	3.8b,3.3s		
ISCJB	III	02 05 04 59.5-2.9	11.3S-10	161.9E-20	36-26	3.9b,4.2L			ISC	Event type se.							
NEIC	III	02 05 05 01.1-2.1	11.18S	161.88E	36-20	4.3b,4.2L			IDC	Error ellipse: s-maj=102.8km s-min=26.4km az=138.0.							
ISC	Event type se.								ISCJB	Event type se.	Error ellipse: s-maj=26.1km s-min=16.1km az=140.0.						
IDC	Error ellipse: s-maj=32.6km s-min=21.0km az=151.0.								NEIC	Event type se.	Error ellipse: s-maj=30.0km s-min=16.4km az=128.0.						
ISCJB	Event type se.	Error ellipse: s-maj=28.8km s-min=18.5km az=76.5.							ISC	VI	08 22 48 47.6-2.6	6.8S-10	155.3E-10	60-23	4.5b	28	5-153
NEIC	Event type se.	Error ellipse: s-maj=19.5km s-min=12.4km az=125.0.							ISCJB	VI	08 22 48 45.4-3.4	6.8S-10	155.3E-10	55-29	4.5b,3.4s		
ISC	III	22 03 44 43.0-3.4	6.6S-10	155.1E-20	93-26	4.3b	22	6-153	NEIC	VI	08 22 48 49.2-2.3	6.87S	155.09E	73-19	4.7b,3.4s		
IDC	III	22 03 44 42.3-4.0	6.6S-10	155.0E-20	99-32	4.3b			IDC	VI	08 22 48 50.1-4.7	6.83S	154.94E	85-40	4.2,3.9		
IDC	III	22 03 44 43.6-6.0	6.66S	155.08E	100-47	4.3,4.2			ISC	Event type se.							
NEIC	III	22 03 44 44.4-2.5	6.51S	154.87E	97-18	4.4b,4.2			ISCJB	Event type se.	Error ellipse: s-maj=20.9km s-min=14.0km az=75.9.						
BJI	III	22 03 44 48.0	6.83S	154.24E	92	4.6b,4.6b			NEIC	Event type se.	Error ellipse: s-maj=17.8km s-min=10.6km az=58.0.						
ISC	Event type se.								IDC	Error ellipse: s-maj=33.1km s-min=21.3km az=65.0.							
ISCJB	Event type se.	Error ellipse: s-maj=26.4km s-min=23.6km az=5.1.							ISC	VI	10 06 43 04.7-62	9.7S-10	157.59E-07	35	4.0b,3.7s	18	2-97
IDC	Error ellipse: s-maj=51.0km s-min=29.0km az=117.0.								IDC	VI	10 06 42 59.2-99	9.59S	157.50E	0	4.3,4.2		
NEIC	Event type se.	Error ellipse: s-maj=23.0km s-min=14.6km az=92.0.							ISCJB	VI	10 06 43 02.9-62	9.7S-10	157.58E-07	33	4.0b,3.7s		
ISC	III	24 10 58 45.2-1.9	5.5S-20	154.84E-09	90-18	3.6b	16	6-95	NEIC	VI	10 06 43 04.1-90	9.64S	157.63E	35	4.3b,3.7s		
ISCJB	III	24 10 58 43.8-2.4	5.6S-20	154.81E-09	90-23	3.6b			ISC	Event type se.							
NEIC	III	24 10 58 44.7-1.4	5.51S	154.75E	83-13	4.5b			IDC	Error ellipse: s-maj=31.1km s-min=21.2km az=141.0.							
IDC	III	24 10 58 45.2-3.3	5.53S	154.76E	89-32	3.9,3.7			ISCJB	Event type se.	Error ellipse: s-maj=21.1km s-min=7.4km az=147.2.						
ISC	Event type se.								NEIC	Event type se.	Error ellipse: s-maj=28.7km s-min=13.4km az=159.0.						
ISCJB	Event type se.	Error ellipse: s-maj=29.3km s-min=12.0km az=146.8.							IDC	VI	30 17 45 38.7-8.6	4.63S	154.18E	359-90	3.7,3.1		
NEIC	Event type se.	Error ellipse: s-maj=17.6km s-min=9.2km az=157.0.							ISC	Error ellipse: s-maj=37.3km s-min=26.6km az=25.0.							
IDC	Error ellipse: s-maj=34.4km s-min=17.7km az=149.0.								ISC	VI	16 14 11 26.8-7.1	7.9S-10	155.93E-07	35	4.0b	15	4-85
ISC	III	02 05 55 59.0-1.1	7.09S-08	155.63E-05	82-11	4.5b	72	5-161	IDC	VI	16 14 11 21.9-1.1	7.86S	155.97E	0	4.3L,4.0		
MOS	III	02 05 55 52.6-1.0	6.85S	155.57E	33	4.8b			NEIC	VI	16 14 11 22.4-8.2	7.97S	156.08E	10	4.4b,4.0		
ISCJB	III	02 05 55 56.1-1.3	7.05S-08	155.60E-05	70-13	4.5b			ISCJB	VI	16 14 11 24.6-7.1	7.9S-10	155.94E-07	33	4.0b,4.0		
BJI	III	02 05 55 56.0	7.00S	155.74E	75	5.0b,4.8s			ISC	Event type se.							
NEIC	III	02 05 55 57.8-9.1	7.03S	155.60E	72-8	4.7b,4.8s			NEIC	Event type se.							
IDC	III	02 05 55 58.3-2.2	7.10S	155.59E	80-20	4.3,4.2			ISCJB	Event type se.	Error ellipse: s-maj=20.4km s-min=12.4km az=63.0.						
ISC	Event type se.								NEIC	Event type se.	Error ellipse: s-maj=13.2km s-min=11.6km az=125.0.						
MOS	Error ellipse: s-maj=11.2km s-min=10.0km az=63.5.								IDC	Error ellipse: s-maj=23.5km s-min=13.2km az=104.0.							
ISCJB	Event type se.	Error ellipse: s-maj=13.1km s-min=7.4km az=171.3.							ISC	VI	05 03 14 07.5-5.5	5.8S-50	154.8E-10	87-32	3.6b	6	8-153
NEIC	Event type se.	Error ellipse: s-maj=7.7km s-min=6.2km az=169.0.							IDC	VI	05 03 14 09.9-6.8	5.77S	154.71E	94-52	4.2,3.9		
IDC	Error ellipse: s-maj=18.7km s-min=12.3km az=0.0.								NEIC	VI	05 03 14 33.6-3.4	9.64S	153.79E	35	3.9b,3.9		
ISC	VI	06 16 53 39.9-33	10.79S-04	161.95E-05	32	4.7b,4.1s	85	2-127	ISC	Event type se.							
MOS	VI	06 16 53 38.4-1.2	10.72S	161.92E	33	5.0b,4.1s			ISCJB	Event type se.	Error ellipse: s-maj=86.3km s-min=23.1km az=178.9.						
ISCJB	VI	06 16 53 38.0-33	10.77S-05	161.86E-05	30	4.7b,4.1s			IDC	Error ellipse: s-maj=62.5km s-min=31.0km az=11.0.							
IDC	VI	06 16 53 39.7-7.9	10.74S	161.72E	29-5	4.5L,4.4			NEIC	Event type se.	Error ellipse: s-maj=72.1km s-min=14.4km az=199.0.						
NEIC	VI	06 16 53 40.0-35	10.72S	161.86E	31	4.8b,4.4			ISC	VI	27 04 37 30.3-4.2	11.0S-30	162.5E-30	50-39	4.3b	11	3-79
HRVD	VI	06 16 53 40.0-70	10.77S	161.80E	38-1	4.9W,4.4			ISCJB	VI	27 04 37 30.1-4.2						

848.00000°; λ91.00000°. Principal axes: T 3.2240, Plg87.0000°, Azm232.0000°
; N 0.1470, Plg0.0000°, Azm134.0000°; P -3.3710, Plg3.0000°, Azm44.0000°; M3.29700x1017

Event type se. Error ellipse: s-maj=5.1km s-min=4.1km az=117.0. Moment Tensor Solution.
s28 Moment tensor: Scale 1017Nm; Mr:3.93 Mθ:2.52 Mφ:1.39 Mψ:0.26 Mω:1.47 Mη:0.30

Best double couple: NP1:φ:299.00000°, δ46.00000°, λ83.00000°. NP2:φ:130.00000°
; N -0.4300, Plg5.0000°, Azm304.0000°; P -3.5300, Plg0.0000°, Azm34.0000°; M3.70000x1017

845.00000°; λ97.00000°. Principal axes: T 3.9600, Plg85.0000°, Azm128.0000°
; N -0.4300, Plg5.0000°, Azm304.0000°; P -3.5300, Plg0.0000°, Azm34.0000°; M3.70000x1017

III 17 04 30 30.5-2.5 9.8S-20 156.3E-50 35 4.0b,3.9 9 9-145
 IDC III 17 04 30 26.3-1.7 9.65S 155.99E 0 4.1,3.9
 ISC III 17 04 30 27.8-2.4 9.9S-20 156.4E-50 33 4.0b,3.9
 NEIC III 17 04 30 31.6--85 9.70S 156.00E 35 4.3b,3.9

Event type se.
 Error ellipse: s-maj=50.3km s-min=28.5km az=112.0.
 Event type se. Error ellipse: s-maj=69.0km s-min=18.5km az=42.4.
 Event type se. Error ellipse: s-maj=25.8km s-min=13.8km az=116.0.

III 14 06 31 51.6-3.9 6.8S-20 154.9E-20 46-30 4.4b 16 6-153
 IDC III 14 06 31 51.0-4.5 6.7S-20 154.8E-20 49-36 4.4b
 ISC III 14 06 31 53.2-6.1 6.69S 154.76E 60-51 3.9,3.8
 NEIC III 14 06 31 53.2-6.1 6.69S 154.76E 60-51 3.9,3.8

Error ellipse: s-maj=37.0km s-min=23.8km az=92.5.
 Error ellipse: s-maj=42.4km s-min=27.9km az=114.0.
 IV 23 14 21 45.7-1.3 7.51S 157.32E 0 4.6L,3.8

9597791
 Error ellipse: s-maj=29.9km s-min=26.5km az=5.0.
 VI 10 10 58 58.6-4.4 6.8S-20 154.4E-20 55-32 3.7b,3.6s 9 8-83
 IDC VI 10 10 58 49.5-2.9 6.73S 154.67E 0 4.0,3.9
 ISC VI 10 10 58 57.0-0.4 6.8S-20 154.3E-20 52-37 3.7b,3.6s
 NEIC VI 10 10 58 45.36-1.6 6.64S 154.27E 40-7 3.8,3.7

9599998
 Error ellipse: s-maj=64.3km s-min=25.3km az=125.0.
 VI 15 10 59 51.1-7.2 6.69S 154.97E 122-55 3.9,3.7

9600042
 Error ellipse: s-maj=79.8km s-min=35.2km az=127.0.
 VI 18 02 18 42.6-2.8 6.59S 154.24E 0 4.0,3.9

9600138
 Error ellipse: s-maj=87.0km s-min=28.7km az=117.0.
 IV 23 16 28 28.8-5.6 9.69S 161.19E 68-36 3.9,3.8

9597798
 Error ellipse: s-maj=54.3km s-min=31.4km az=108.0.
 IV 23 17 15 52.0-5.4 11.6S-10 162.6E-20 4-33 3.9s,3.6b 12 3-77
 IDC IV 23 17 15 50.2-4.3 11.7S-10 162.6E-20 7-26 3.9s,3.6b
 ISC IV 23 17 15 50.8-2.3 11.56S 162.61E 0 3.9,3.9
 NEIC IV 23 17 15 53.6-5.3 11.59S 162.53E 15-35 4.1b,3.9

Event type se.
 Event type se. Error ellipse: s-maj=35.4km s-min=10.1km az=117.3.
 Error ellipse: s-maj=48.1km s-min=25.3km az=72.0.
 Event type se. Error ellipse: s-maj=25.7km s-min=12.0km az=64.0.

II 01 10 06 34.3-1.4 6.32S-08 154.53E-06 88-14 4.5b 44 6-152
 IDC II 01 10 06 32.7-1.7 6.23S-08 154.41E-06 85-16 4.5b
 ISC II 01 10 06 33.3-2.6 6.08S 154.33E 80-23 4.4,4.3
 NEIC II 01 10 06 34.2-1.2 6.23S 154.49E 88-11 4.9b,4.3
 BJI II 01 10 06 34.1 6.20S 154.50E 88 5.0b,4.8b
 HRVD II 01 10 06 34.2-1.3 6.35S 154.77E 103-11 4.8W,4.8b

Event type se.
 Event type se. Error ellipse: s-maj=13.8km s-min=9.2km az=171.5.
 Error ellipse: s-maj=23.1km s-min=14.5km az=172.0.
 Event type se. Error ellipse: s-maj=9.9km s-min=8.8km az=186.0.
 Error ellipse: s-maj=8.9km s-min=6.7km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s4,c4; Mantle waves: s39,c49; Half duration: 0 Moment tensor: Scale 10¹⁶
 Nm; Mr:1.42±.29 Mθ:0.05±.21; Mφ:1.37±.22; Mψ:0.54±.16; Mω:1.19±.22; Mη:0.67±.19;
 Best double couple: NP1:φ:59.00000°, δ48.00000°, λ-46.00000°. NP2:φ:183.00000°
 ; N -0.1550, Plg32.0000°, Azm206.0000°; P -1.9460, Plg58.0000°, Azm37.0000°
 M2.02200x1016

II 02 22 51 43.4-4.2 11.23S-09 162.1E-10 33-30 4.2b,4.1s 26 3-149
 IDC II 02 22 51 41.6-1.9 11.31S-08 162.1E-10 35-16 4.2b,4.1s
 ISC II 02 22 51 43.9-3.7 11.21S 161.99E 39-30 4.2,4.1
 BJI II 02 22 51 43.0 11.20S 162.10E 35 4.8b,4.4b
 NEIC II 02 22 51 43.1-4.5 11.19S 162.10E 35 4.5b,4.4b

Event type se.
 Event type se. Error ellipse: s-maj=19.1km s-min=13.6km az=147.2.
 Error ellipse: s-maj=26.5km s-min=19.3km az=107.0.
 Event type se. Error ellipse: s-maj=11.7km s-min=9.8km az=103.0.

II 04 12 37 21.6-1.3 7.4S-10 155.77E-07 114-13 4.1b 35 5-128
 IDC II 04 12 37 12.4-1.6 7.16S 155.47E 33 4.6b
 MOS II 04 12 37 19.9-1.5 7.4S-10 155.76E-07 111-15 4.1b
 ISC II 04 12 37 21.4-2.7 7.47S 155.76E 112-30 4.2,3.9
 NEIC II 04 12 37 21.5-1.1 7.48S 155.76E 115-11 4.3b,3.9

Event type se.
 Error ellipse: s-maj=15.9km s-min=15.7km az=74.0.
 Event type se. Error ellipse: s-maj=16.9km s-min=11.1km az=158.8.
 Error ellipse: s-maj=31.5km s-min=17.2km az=168.0.
 Event type se. Error ellipse: s-maj=13.7km s-min=10.3km az=162.0.

II 07 07 10 45.7-9.6 9.34S 159.42E 0 3.8s,3.8

9570098
 Error ellipse: s-maj=32.9km s-min=8.6km az=9.0.
 II 09 01 58 06.8-1.5 10.64S-08 161.9E-10 51-13 4.0b,3.6s 23 2-115
 IDC II 09 01 58 04.0-0.84 10.59S 161.82E 27-4 4.2,4.2
 ISC II 09 01 58 04.2-5.1 10.55S 161.87E 29 4.1b,4.2
 NEIC II 09 01 58 05.7-1.8 10.69S-08 161.8E-10 59-15 4.0b,3.6s

Event type se.
 Event type se.
 Event type se.
 Event type se.

II 10 06 35 27.8-5.3 8.62S 159.12E 41-57 3.5,3.5

9570372
 Error ellipse: s-maj=39.0km s-min=26.4km az=166.0.
 II 10 08 42 34.5-1.1 10.23S-07 161.48E-09 88-9 4.1b 31 2-96
 IDC II 10 08 42 33.7-5.7 10.19S 161.54E 80 4.4b
 ISC II 10 08 42 33.5-6.6 10.23S 161.52E 80-4 4.3,4.2
 NEIC II 10 08 42 34.1-1.0 10.30S-07 161.39E-09 99-8 4.1b,4.2

Event type se.
 Event type se.
 Event type se.
 Event type se.

II 10 21 42 30.6-1.1 11.7S-10 162.8E-10 35 4.2b,3.6s 15 4-92
 IDC II 10 21 42 26.0-1.5 11.70S 162.72E 0 4.3,4.1L
 ISC II 10 21 42 25.3-1.4 11.52S 162.96E 10 4.3b,4.1L
 NEIC II 10 21 42 26.4-1.6 11.6S-10 162.9E-20 33 4.1b,3.6s

Event type se.
 Event type se.
 Event type se.
 Event type se.

II 13 08 33 29.2-4.5 7.04S 155.26E 0 3.6,3.6

9570675
 Error ellipse: s-maj=133.3km s-min=29.7km az=113.0.
 II 13 21 11 14.8-6.3 9.1S-10 157.9E-10 35 3.9b 14 2-144
 IDC II 13 21 11 09.7-8.1 8.95S 157.84E 0 4.2,4.2
 ISC II 13 21 11 09.5-5.1 9.03S 157.84E 10 4.3b,4.2
 NEIC II 13 21 11 13.0-6.3 9.1S-10 157.84E-10 33 3.9b,4.2

Event type se.
 Event type se.
 Event type se.
 Event type se.

II 13 22 47 31.6-1.1 6.32S-10 154.98E-09 341-13 3.6b 23 6-153
 IDC II 13 22 47 30.5-1.2 6.3S-10 154.93E-09 342-13 3.6b
 ISC II 13 22 47 30.7-1.2 6.21S 154.98E 329-14 4.0b
 NEIC II 13 22 47 31.9-1.6 6.39S 154.98E 347-17 4.0,3.5

Event type se.
 Event type se. Error ellipse: s-maj=18.2km s-min=11.4km az=108.5.
 Event type se. Error ellipse: s-maj=15.1km s-min=10.1km az=156.0.
 Error ellipse: s-maj=18.5km s-min=11.7km az=129.0.

II 16 04 14 09.9-7.0 9.63S-05 159.85E-06 30-4 4.8b,4.3s 101 0-165
 IDC II 16 04 14 07.9-2.7 9.63S 159.90E 22-17 4.6,4.6
 BJI II 16 04 14 07.6 9.78S 160.47E 46 5.2b,5.0s

8096012

II 16 04 14 08.3-2.5 9.67S-05 159.81E-05 32-18 4.8b,4.3s
 MOS II 16 04 14 08.4-86 9.63S 159.80E 33 5.0b,4.3s
 NEIC II 16 04 14 08.7-22 9.61S 159.78E 24 4.8b,4.3s

Event type se.
 Error ellipse: s-maj=21.5km s-min=7.3km az=107.0.
 Event type se. Error ellipse: s-maj=9.6km s-min=7.1km az=80.0.
 Error ellipse: s-maj=13.1km s-min=9.2km az=73.2.
 Event type se. Error ellipse: s-maj=7.7km s-min=6.1km az=127.0.

II 16 19 42 02.4-1.2 10.31S-08 161.57E-09 86-10 4.0b 19 2-96
 IDC II 16 19 42 02.2-1.2 10.39S-07 161.48E-10 97-9 4.0b
 ISC II 16 19 42 02.4-98 10.29S 161.55E 85-7 4.2,4.0
 NEIC II 16 19 42 02.7-63 10.24S 161.54E 85 4.0b,4.0

Event type se.
 Event type se.
 Event type se. Error ellipse: s-maj=17.6km s-min=10.2km az=123.3.
 Error ellipse: s-maj=18.1km s-min=11.9km az=30.0.
 Event type se. Error ellipse: s-maj=14.1km s-min=12.2km az=119.0.

IV 12 14 18 49.6-7.0 7.10S 154.34E 95-52 3.9,3.6

9594730
 Error ellipse: s-maj=51.1km s-min=32.2km az=92.0.
 II 20 11 18 37.9-8.1 7.34S 155.53E 105-65 3.8,3.6

9571660
 Error ellipse: s-maj=79.2km s-min=40.1km az=131.0.
 II 22 09 38 46.6-4.4 9.90S-05 160.23E-08 35 4.4b,3.6s 37 1-122
 BJI II 22 09 38 42.6 9.90S 160.20E 29 5.1b,4.8b
 ISC II 22 09 38 44.5-45 9.98S-05 160.20E-08 33 4.4b,3.6s
 IDC II 22 09 38 45.6-2.1 9.93S 160.22E 29-13 4.3,4.3
 NEIC II 22 09 38 45.7-1.3 9.90S 160.20E 30-8 4.6b,4.3

Event type se.
 Event type se. Error ellipse: s-maj=11.5km s-min=7.1km az=169.1.
 Error ellipse: s-maj=23.4km s-min=15.0km az=106.0.
 Event type se. Error ellipse: s-maj=10.4km s-min=7.6km az=104.0.

II 22 10 26 08.6-1.8 6.3S-10 154.6E-20 438-21 3.7b 12 8-152
 IDC II 22 10 26 07.9-1.8 6.3S-10 154.5E-20 440-20 3.7b
 ISC II 22 10 26 08.3-2.0 6.30S 154.59E 430-22 4.1,3.4

Error ellipse: s-maj=24.1km s-min=17.5km az=39.5.
 Error ellipse: s-maj=20.0km s-min=13.4km az=114.0.
 II 23 07 44 33.6-98 9.32S 158.89E 0 3.8,3.7b

9579409
 Error ellipse: s-maj=30.7km s-min=17.2km az=180.0.
 II 23 12 22 27.9-1.9 9.24S-08 158.86E-05 6-12 4.4b,3.8s 47 1-152
 IDC II 23 12 22 26.6-5.8 9.32S 158.84E 0 4.6,4.5
 ISC II 23 12 22 27.1-3.4 9.26S-08 158.79E-05 11-21 4.4b,3.8s
 MOS II 23 12 22 30.4-7.5 9.29S 158.83E 33 4.7b,3.8s
 BJI II 23 12 22 30.3 9.02S 159.23E 39 5.2b,4.7b
 NEIC II 23 12 22 32.6-4.7 9.32S 158.88E 40 4.5b,4.7b

Event type se.
 Error ellipse: s-maj=20.5km s-min=14.4km az=168.0.
 Event type se. Error ellipse: s-maj=13.7km s-min=8.1km az=8.4.
 Error ellipse: s-maj=16.2km s-min=13.8km az=178.4.
 Event type se. Error ellipse: s-maj=12.5km s-min=10.8km az=171.0.

II 24 00 09 48.1-1.1 7.14S-08 155.93E-07 98-11 4.7b 28 5-161
 BJI II 24 00 09 44.9 7.10S 156.00E 90 4.8b
 ISC II 24 00 09 46.3-1.3 7.11S-08 155.93E-07 99-12 4.7b
 NEIC II 24 00 09 46.9-1.2 7.07S 155.95E 91-12 4.8b
 IDC II 24 00 09 47.8-1.9 7.13S 155.91E 100-18 4.6,4.3b

Event type se.
 Event type se. Error ellipse: s-maj=14.3km s-min=10.0km az=44.3.
 Event type se. Error ellipse: s-maj=12.4km s-min=10.1km az=202.0.
 Error ellipse: s-maj=18.7km s-min=15.6km az=15.0.

IV 05 19 33 14.2-6.4 8.93S 156.05E 0 4.3,4.2

9594310
 Error ellipse: s-maj=103.0km s-min=58.0km az=29.0.
 IV 08 02 40 05.7-3.3 6.36S 154.42E 0 3.8s,3.7

9594458
 Error ellipse: s-maj=111.4km s-min=32.0km az=112.0.
 II 27 20 07 57.1-1.2 9.22S 158.20E 0 3.7,3.7

9580014
 Error ellipse: s-maj=31.4km s-min=20.1km az=171.0.
 IDC II 27 21 29 30.9-4.8 6.16S 154.60E 94-39 4.0,3.7

9580021
 Error ellipse: s-maj=34.3km s-min=26.1km az=30.0.
 II 28 01 38 32.1-3.2 10.03S 161.84E 44-29 3.9,3.9

9580041
 Error ellipse: s-maj=35.7km s-min=16.4km az=48.0.
 IV 25 14 05 06.8-2.6 5.62S 154.80E 0 3.6,3.5

9597966
 Error ellipse: s-maj=96.0km s-min=35.3km az=125.0.
 IV 30 06 38 40.4-2.6 8.55S 156.71E 0 3.9,3.6

9598247
 Error ellipse: s-maj=157.8km s-min=30.1km az=134.0.
 V 21 06 13 37.0-1.7 7.15S 154.83E 0 4.2,4.1

9599224
 Error ellipse: s-maj=62.4km s-min=23.7km az=112.0.
 V 12 00 51 47.8-2.7 6.54S-05 154.66E-05 44 4.9b,4.1s 113 6-153
 IDC V 12 00 51 43.9-2.9 6.43S 154.63E 17-17 4.8,4.7
 MOS V 12 00 51 44.8-9.3 6.43S 154.61E 33 4.9b,4.7
 BJI V 12 00 51 45.7 6.07S 154.86E 37 5.1b,5.1b
 ISC V 12 00 51 46.0-26 6.50S-05 154.59E-04 43 4.9b,4.1s
 HRVD V 12 00 51 47.7-40 6.78S 154.57E 32-1 5.0W,4.4s
 NEIC V 12 00 51 47.7-21 6.53S 154.61E 47 4.8b,4.1s

Event type se.
 Error ellipse: s-maj=19.3km s-min=14.7km az=125.0.
 Error ellipse: s-maj=11.2km s-min=10.0km az=143.1.
 Event type se. Error ellipse: s-maj=7.0km s-min=5.9km az=155.9.
 Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s37,c45; Mantle waves: s54,c63; Half duration: 0 Moment tensor: Scale 10¹⁶
 Nm; Mr:2.68±.19 Mθ:1.80±.12; Mφ:0.87±.14; Mψ:1.26±.19; Mω:2.21±.12; Mη:1.19±.23;
 Best double couple: NP1:φ:305.00000°, δ31.00000°, λ84.00000°. NP2:φ:132.00000°
 ; N 0.9110, Plg3.0000°, Azm310.0000°; P -4.0420, Plg14.0000°, Azm219.0000°
 M3.58700x1016

Event type se. Error ellipse: s-maj=7.5km s-min=5.8km az=139.0.
 V 20 03 37 19.9-1.3 10.60S-06 161.34E-08 54-11 4.6b,4.3s 44 2-160
 IDC V 20 03 37 19.1-1.5 10.64S-06 161.28E-09 61-12 4.6b,4.3s
 ISC V 20 03 37 19.7-1.1 10.60S 161.28E 53-10 4.6b,4.3s
 NEIC V 20 03 37 19.7-40 10.66S 161.12E 25-2 5.0W,4.3s
 HRVD V 20 03 37 20.3-2.4 10.62S 161.31E 56-20 4.4,4.3

Event type se.
 Event type se. Error ellipse: s-maj=14.1km s-min=10.0km az=178.1.
 Event type se. Error ellipse: s-maj=9.7km s-min=8.0km az=105.0.
 Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s16,c24; Mantle waves: s46,c58; Half duration: 0 Moment tensor: Scale 10¹⁶
 Nm; Mr:1.59±.21 Mθ:0.24±.14; Mφ:1.83±.14; Mψ:0.11±.30; Mω:1.61±.12; Mη:3.15±.37;
 Best double couple: NP1:φ:298.00000°, δ27.00000°, λ32.00000°. NP2:φ:179.00000°
 ; N 0.9110, Plg3.0000°, Azm310.0000°; P -4.0420, Plg14.0000°, Azm219.0000°
 M3.58700x1016

Event type se. Error ellipse: s-maj=20.1km s-min=12.9km az=84.0.
 V 24 04 15 59.3-6.3 10.29S 161.20E 74-42 4.0,3.9

9599338
 Error ellipse: s-maj=56.9km s-min=33.3km az=107.0.
 V 24 18 35 49.7-1.6 10.2S-10 161.0E-10 53-13 3.7b,3.2s 13 1-75
 IDC V 24 18 35 48.3-1.7 10.3S-10 161.0E-10 59-13 3.7b,3.2s
 ISC V 24 18 35 48.9-3.0 10.29S 161.06E 49-22 4.0,3.9
 NEIC V 24 18 35 49.2-1.4 10.20S 160.99E 49-12 3.9b,3.9

Event type se.
 Event type se. Error ellipse: s-maj=26.5km s-min=14.4km az=123.4.
 Error ellipse: s-maj=35.7km s-min=17.6km az=63.0.
 Event type se. Error ellipse: s-maj=18.3km s-min=12.1km az=68.0.

ISC	V	25 07 02 02.6-2.8	7.4S-20	155.5E-10	63-29	4.3b	24	5-154
IDC	V	25 07 01 54.3-6.4	7.21S	155.36E	0	4.3,4.3L		
ISCJB	V	25 07 01 59.2-3.3	7.3S-20	155.4E-10	45-32	4.3b,4.3L		19132020
NEIC	V	25 07 01 59.9-2.0	7.25S	155.36E	38-19	4.4b,4.3L		
ISC	Event type se.							
IDC	Error ellipse: s-maj=26.9km s-min=18.2km az=128.0.							
ISCJB	Event type se. Error ellipse: s-maj=30.2km s-min=13.7km az=114.5.							
NEIC	Event type se. Error ellipse: s-maj=19.2km s-min=9.5km az=153.0.							
ISC	V	16 03 04 03.8-9.2	8.7S-20	157.49E-07	35	3.9b	10	3-145
IDC	V	16 03 03 57.7-1.1	8.85S	157.79E	0	4.2L,4.1		19131557
ISCJB	V	16 03 04 01.9-9.2	8.7S-20	157.47E-07	33	3.9b,4.1		
NEIC	V	16 03 04 02.7-8.3	9.05S	157.91E	35	4.0b,4.1		
ISC	Event type se.							
IDC	Error ellipse: s-maj=41.4km s-min=21.8km az=148.0.							
ISCJB	Event type se. Error ellipse: s-maj=23.8km s-min=10.0km az=179.6.							
NEIC	Event type se. Error ellipse: s-maj=32.3km s-min=14.3km az=161.0.							
IDC	V	16 15 32 42.7-2.0	9.67S	159.73E	0	3.7,3.5		19599136
IDC	Error ellipse: s-maj=135.1km s-min=11.4km az=138.0.							
IDC	V	29 17 54 59.9-5.4	8.18S	158.72E	69-63	3.7,3.5		19599554
IDC	Error ellipse: s-maj=49.2km s-min=37.0km az=121.0.							
IDC	V	05 04 27 57.3-4.5	5.94S	154.40E	75-39	4.0,3.9L		19598504
IDC	Error ellipse: s-maj=30.6km s-min=24.3km az=172.0.							
ISC	V	02 17 46 17.8-2.1	6.2S-10	154.51E-08	67-20	4.2b	27	6-152
NEIC	V	02 17 46 12.3-5.5	6.09S	154.56E	26-40	4.1b		19130715
ISCJB	V	02 17 46 14.6-2.6	6.1S-10	154.46E-08	53-24	4.3b,3.4s		
IDC	V	02 17 46 15.7-2.6	6.08S	154.45E	51-22	4.2L,4.0		
ISC	Event type se.							
NEIC	Event type se. Error ellipse: s-maj=22.5km s-min=11.8km az=178.0.							
ISCJB	Event type se. Error ellipse: s-maj=22.3km s-min=12.8km az=173.9.							
IDC	Error ellipse: s-maj=26.6km s-min=19.0km az=171.0.							
IDC	V	05 22 12 49.3-5.0	8.42S	159.05E	94-69	3.6,3.5		19598544
IDC	Error ellipse: s-maj=82.4km s-min=40.2km az=128.0.							
ISC	V	08 21 09 36.0-2.6	6.8S-10	155.24E-10	64-22	4.3b	25	5-153
IDC	V	08 21 09 27.1-7.4	6.61S	155.13E	0	4.2L,4.2		19131033
ISCJB	V	08 21 09 33.8-3.2	6.7S-10	155.17E-09	59-27	4.3b,4.2		
NEIC	V	08 21 09 37.4-1.5	6.64S	155.03E	81-14	4.4b,4.2		
ISC	Event type se.							
IDC	Error ellipse: s-maj=30.3km s-min=21.5km az=104.0.							
ISCJB	Event type se. Error ellipse: s-maj=21.2km s-min=15.1km az=27.2.							
NEIC	Event type se. Error ellipse: s-maj=16.6km s-min=11.6km az=173.0.							
ISC	V	09 01 02 39.8-2.5	8.86S-04	158.93E-05	76	4.8b	113	1-157
MOS	V	09 01 02 33.9-9.6	8.72S	158.72E	33	5.2b		19494670
BJI	V	09 01 02 37.5	8.66S	158.96E	71	5.1b,5.0b		
ISCJB	V	09 01 02 37.8-2.4	8.86S-04	158.82E-05	73	4.8b,5.0b		
IDC	V	09 01 02 38.2-1.3	8.87S	158.87E	64-13	4.7,4.6		
NEIC	V	09 01 02 39.8-2.8	8.86S	158.84E	76	4.9b,4.6		
HRVD	V	09 01 02 39.8-3.0	8.74S	158.96E	90-3	5.0W,4.6		
ISC	Event type se.							
MOS	Error ellipse: s-maj=13.8km s-min=9.1km az=110.5.							
ISCJB	Event type se. Error ellipse: s-maj=6.7km s-min=5.6km az=122.1.							
IDC	Error ellipse: s-maj=13.6km s-min=11.6km az=101.0.							
NEIC	Event type se. Error ellipse: s-maj=8.7km s-min=7.5km az=81.0.							
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s0,c39; Mantle waves: s49,c72; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₀ :0.25; 2.0 M ₀ :1.59; 17: M ₀ :1.84; 17: M ₀ :1.57; 14: M ₀ :3.02; 16: M ₀ :2.64; 11: Best double couple: NP1:φ:109.00000°; δ50.00000°; λ7.00000°; NP2:φ:140.00000°; δ85.00000°; λ140.00000°; Principal axes: T 4.9670,Plg31.0000°; Azm324.0000°; N -0.7350,Plg50.0000°; λz188.0000°; P -4.2280,Plg23.0000°; Azm68.0000°; M ₀ :4.59800x10 ¹⁶							
ISC	VI	24 04 32 00.6-2.8	6.1S-10	154.5E-10	111-22	4.1b	24	8-152
NEIC	VI	24 04 32 00.3-2.8	6.06S	154.51E	114-23	4.3b		19222527
IDC	VI	24 04 32 00.1-4.8	6.20S	154.50E	101-37	4.2,4.0		
ISCJB	VI	24 04 32 02.7-4.1	6.0S-10	154.3E-20	137-32	4.1b,4.0		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	V	14 11 21 54.6-1.3	7.41S-09	155.05E-06	86-13	4.5b	65	5-153
MOS	V	14 11 21 48.2-1.3	7.06S	154.90E	33	5.0b		19494772
BJI	V	14 11 21 51.5	6.41S	155.47E	55	4.9b,4.7b		
ISCJB	V	14 11 21 52.8-1.6	7.40S-09	155.01E-06	85-15	4.5b,4.7b		
IDC	V	14 11 21 53.2-2.9	7.31S	154.90E	72-26	4.5,4.4		
NEIC	V	14 11 21 53.4-1.3	7.34S	154.95E	75-13	4.7b,4.4		
ISC	Event type se.							
MOS	Error ellipse: s-maj=12.4km s-min=12.0km az=171.8.							
ISCJB	Event type se. Error ellipse: s-maj=15.9km s-min=8.8km az=152.1.							
IDC	Error ellipse: s-maj=24.8km s-min=16.9km az=145.0.							
NEIC	Event type se. Error ellipse: s-maj=13.3km s-min=8.2km az=157.0.							
ISC	V	12 01 21 22.2-1.7	6.7S-10	154.69E-07	79-16	4.3b	39	6-153
IDC	V	12 01 21 19.1-4.7	6.44S	154.65E	53-41	4.1,4.0		19338849
ISCJB	V	12 01 21 21.0-1.9	6.7S-10	154.62E-06	83-18	4.3b,4.0		
NEIC	V	12 01 21 21.6-1.6	6.51S	154.65E	77-15	4.1b,4.0		
BJI	V	12 01 21 21.6	6.50S	154.70E	77	4.8b,4.4b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=30.1km s-min=23.9km az=166.0.							
ISCJB	Event type se. Error ellipse: s-maj=18.4km s-min=10.6km az=167.9.							
NEIC	Event type se. Error ellipse: s-maj=15.3km s-min=10.3km az=167.0.							
ISC	V	22 19 29 11.4-8.9	6.1S-10	154.56E-05	100	3.4b	14	6-85
ISCJB	V	22 19 29 10.0-8.9	6.2S-10	154.55E-05	100	3.4b		19131900
NEIC	V	22 19 29 11.2-1.6	6.17S	154.55E	98-15	3.4b		
IDC	V	22 19 29 11.0-2.8	6.16S	154.55E	96-25	3.9,3.6		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=16.9km s-min=7.5km az=9.5.							
NEIC	Event type se. Error ellipse: s-maj=21.0km s-min=12.9km az=180.0.							
IDC	Error ellipse: s-maj=27.4km s-min=15.0km az=178.0.							
ISC	I	01 02 55 26.8-1.8	6.8S-10	154.44E-07	71-18	3.8b	20	6-149
IDC	I	01 02 55 24.1-2.3	6.8S-10	154.45E-07	58-22	3.9b,3.9s		19476096
ISCJB	I	01 02 55 26.8-2.9	6.86S	154.45E	70-27	4.0,3.9		
NEIC	I	01 02 55 26.7-1.4	6.88S	154.51E	72-13	4.2b,3.9		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=24.4km s-min=10.8km az=171.3.							
IDC	Error ellipse: s-maj=25.8km s-min=17.0km az=174.0.							
NEIC	Event type se. Error ellipse: s-maj=17.8km s-min=10.0km az=161.0.							
IDC	I	27 18 31 09.2-6.4	6.31S	155.91E	0	3.9,3.7b		19486871
IDC	Error ellipse: s-maj=184.3km s-min=38.7km az=111.0.							
ISC	I	04 12 02 32.6-1.9	6.4S-10	154.84E-06	68-19	3.6b	11	6-153
ISCJB	I	04 12 02 29.8-2.4	6.4S-10	154.82E-06	54-24	4.3s,3.7b		19477519
IDC	I	04 12 02 33.5-3.1	6.54S	154.84E	80-29	4.3s,4.3		
ISCJB	Error ellipse: s-maj=25.1km s-min=9.2km az=175.0.							
IDC	Error ellipse: s-maj=27.7km s-min=17.9km az=172.0.							
ISC	I	04 17 23 45.4-1.7	6.7S-10	154.61E-06	86-18	4.3b	18	6-153
ISCJB	I	04 17 23 40.6-2.6	6.5S-20	154.59E-05	54-25	4.5b,3.3s		19477597
IDC	I	04 17 23 44.0-3.2	6.66S	154.54E	80-29	4.0,3.9		
ISCJB	Error ellipse: s-maj=28.3km s-min=8.9km az=176.5.							
IDC	Error ellipse: s-maj=31.9km s-min=17.5km az=172.0.							
ISC	I	06 15 36 01.8-5.2	11.2S-20	161.9E-40	79-34	3.9b	11	3-91
IDC	I	06 15 35 49.6-4.2	11.25S	162.15E	0	4.1,4.0		19478260
ISCJB	I	06 15 36 00.6-5.5	11.3S-20	161.9E-40	84-35	3.9b,4.0		
NEIC	I	06 15 36 03.6-4.0	11.15S	161.72E	89-25	4.3b,4.0		
ISC	Event type se.							
IDC	Error ellipse: s-maj=126.7km s-min=32.8km az=110.0.							
ISCJB	Event type se. Error ellipse: s-maj=65.9km s-min=20.2km az=41.3.							
NEIC	Event type se. Error ellipse: s-maj=48.2km s-min=14.9km az=112.0.							
ISC	I	15 20 03 30.9-1.7	11.10S-07	163.70E-09	39-14	4.4b,4.2s	34	4-96
ISCJB	I	15 20 03 28.4-2.1	11.12S-07	163.68E-10	36-17	4.4b,4.2s		198318250
IDC	I	15 20 03 30.8-5.0	11.06S	163.63E	36-40	4.3L,4.2		
NEIC	I	15 20 03 30.0-5.5	11.06S	163.70E	32	4.6b,4.2		

BJI	I	15 20 03 35.7	10.90S	163.40E	58	5.3b,4.3b		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=16.5km s-min=11.3km az=139.6.							
IDC	Error ellipse: s-maj=30.4km s-min=24.0km az=95.0.							
NEIC	Event type se. Error ellipse: s-maj=12.7km s-min=8.9km az=105.0.							
ISC	I	15 20 20 18.0-4.3	11.14S-09	163.71E-08	27-31	4.2b	29	4-96
ISCJB	I	15 20 20 15.8-4.2	11.19S-09	163.67E-09	26-30	4.2b		19481828
IDC	I	15 20 20 19.6-3.2	11.18S	163.64E	43-29	4.3L,4.1		
NEIC	I	15 20 20 19.4-5.0	11.13S	163.69E	40	4.4b,4.1		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=17.7km s-min=11.0km az=78.9.							
IDC	Error ellipse: s-maj=25.2km s-min=18.5km az=67.0.							
NEIC	Event type se. Error ellipse: s-maj=11.7km s-min=9.7km az=112.0.							
ISC	I	18 09 13 48.7-2.1	5.4S-20	155.03E-06	97-18	3.9b	16	6-95
ISCJB	I	18 09 13 46.9-2.6	5.4S-20	155.01E-06	91-24	3.9b		19482672
NEIC	I	18 09 13 47.2-2.3	5.22S	154.99E	80-21	4.0b		
IDC	I	18 09 13 48.6-3.4	5.41S	154.98E	94-31	4.2,4.0		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=27.5km s-min=9.7km az=2.7.							
NEIC	Event type se. Error ellipse: s-maj=25.9km s-min=14.5km az=177.0.							
IDC	Error ellipse: s-maj=31.4km s-min=16.5km az=2.0.							
ISC	I	19 19 24 48.1-1.4	7.2S-10	155.30E-06	109-15	4.0b	22	5-153
ISCJB	I	19 19 24 44.9-2.0	7.0S-20	155.29E-05	93-22	4.0b		19483893
NEIC	I	19 19 24 46.8-1.4	7.18S	155.37E	104-14	4.2b		
IDC	I	19 19 24 47.2-2.3	7.18S	155.27E	108-23	4.0,3.7		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=28.3km s-min=8.9km az=174.7.							
NEIC	Event type se. Error ellipse: s-maj=16.8km s-min=11.9km az=161.0.							
IDC	Error ellipse: s-maj=25.1km s-min=14.1km az=176.0.							
ISC	I	27 15 59 42.2-2.5	9.96S-07	160.4E-10	4-12	4.5b	36	1-96
ISCJB	I	27 15 59 40.9-3.5	9.91S-07	160.2E-10	4-21	4.5b		19079404
IDC	I	27 15 59 42.0-1.1	9.83S	160.14E	0	4.5,4.3b		
BJI	I	27 15 59 44.4	9.31S	160.74E	16	4.8b,4.7s		
NEIC	I	27 15 59 45.7-1.8	9.85S	160.22E	23-10	4.6b,4.7s		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=17.7km s-min=11.2km az=165.7.							
IDC	Error ellipse: s-maj=31.3km s-min=15.9km az=79.0.							
NEIC	Event type se. Error ellipse: s-maj=16.0km s-min=8.2km az=120.0.							
ISC	I	28 08 49 44.5-6.5	9.4S-10	159.9E-10	50-6	3.9b	17	0-96
ISCJB	I	28 08 49 43.3-6.5	9.43S-10	159.8E-10	55-6	3.9b		19487049
IDC	I	28 08 49 44.2-9.5	9.38S	159.91E	46-17	4.4L,3.9		
NEIC	I	28 08 49 44.3-7.0	9.40S	159.86E	48-8	4.4b,3.9		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=23.3km s-min=15.4km az=36.4.							
IDC	Error ellipse: s-maj=39.8km s-min=23.2km az=122.0.							
NEIC	Event type se. Error ellipse: s-maj=16.2km s-min=10.5km az=113.0.							
ISC	I	28 09 11 13.4-1.1	10.14S-06	161.10E-08	61-9	4.6b	39	1-134
BJI	I	28 09 11 10.0	10.00S	161.10E	43			

BJI	IV	06 04 11 53.8	1.71S	137.15E	35	5.2b,4.7s	¶8320109	NEIC	III	15 02 01 26.9-26	3.47S	131.19E	23	4.9b,5.0b		
IDC	IV	06 04 11 54.1-57	1.03S	136.54E	0	4.6,4.5		ISC								
MOS	IV	06 04 11 57.8-1.2	1.10S	136.48E	33	4.8b,4.5		IDC								
ISCJB	IV	06 04 11 57.9-3.2	1.24S-03	136.46E-07	33	4.8b,4.2s		ISCJB								
HRVD	IV	06 04 11 58.9-4.0	0.97S	136.57E	14-3	4.8W,4.2s		MOS								
NEIC	IV	06 04 11 58.9-4.3	1.15S	136.71E	35	4.7b,4.2s		HRVD								
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ISCJB								ISCJB								
HRVD																

IDC	IV	09 09 59 59.0-2.0	1.60S	135.78E	0	3.6,3.4			
IDC	Error ellipse: s-maj=116.9km s-min=29.2km az=101.0.								
IDC	IV	23 20 01 04.9-3.2	4.76S	133.51E	0	3.5,3.4	¶9594522		
IDC	Error ellipse: s-maj=131.5km s-min=31.3km az=81.0.								
ISC	II	27 05 15 40.3-1.6	0.2N-30	131.1E-1.0	35	4.1b,3.4s	¶9597803	14	20-73
ISCJB	II	27 05 15 37.9-1.7	0.1N-30	131E-1.0	33	4.1b,3.4s	¶9579959		
IDC	II	27 05 15 37.3-1.8	0.32S	129.28E	0	3.9,3.8			
NEIC	II	27 05 15 40.4-1.4	0.11N	130.87E	35	4.1b,3.8			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=156.9km s-min=11.2km az=144.2.								
IDC	Error ellipse: s-maj=157.7km s-min=21.8km az=71.0.								
NEIC	Event type se. Error ellipse: s-maj=133.0km s-min=9.4km az=72.0.								
IDC	II	27 16 43 04.2-3.2	2.99S	136.71E	0	4.0,3.9b	¶9579995		
IDC	Error ellipse: s-maj=183.2km s-min=27.2km az=75.0.								
IDC	V	06 18 42 05.2-3.2	4.30S	134.58E	0	4.0L,4.0	¶9598575		
IDC	Error ellipse: s-maj=147.9km s-min=30.9km az=78.0.								
IDC	V	23 21 09 19.7-2.5	4.16S	135.23E	0	3.6,3.5	¶9599326		
IDC	Error ellipse: s-maj=83.3km s-min=30.1km az=83.0.								
ISC	V	09 01 09 45.4-8.2	0.99N-09	135.0E-20	35	4.0b,3.9s	¶9131050	15	19-98
IDC	V	09 01 09 40.0-2.3	1.02N	135.09E	0	4.4,4.2			
ISCJB	V	09 01 09 43.2-8.3	0.96N-09	135.0E-20	33	4.0b,3.9s			
NEIC	V	09 01 09 44.7-5.5	1.03N	135.16E	35	4.1b,3.9s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=100.6km s-min=21.3km az=81.0.								
ISCJB	Event type se. Error ellipse: s-maj=28.2km s-min=10.0km az=142.2.								
NEIC	Event type se. Error ellipse: s-maj=18.9km s-min=7.9km az=75.0.								
ISC	V	14 00 43 50.2-2.8	2.6S-10	132.3E-30	86-29	3.8b	¶9131388	12	10-77
IDC	V	14 00 43 41.6-5.9	2.10S	133.58E	31-41	4.1,4.1			
IDC	V	14 00 43 42.5-1.4	2.13S	133.35E	35	3.9b,4.1			
ISCJB	V	14 00 43 44.3-2.8	2.29S-10	132.9E-20	62-28	4.0b,4.1			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	V	21 17 36 30.2-1.2	4.63S-08	132.5E-10	35	3.5b	¶9131848	15	8-68
IDC	V	21 17 36 24.4-1.6	4.49S	132.61E	0	3.9,3.8L			
ISCJB	V	21 17 36 27.7-1.1	4.67S-08	132.6E-10	33	3.5b,3.8L			
NEIC	V	21 17 36 30.3-4.6	4.59S	132.59E	40-41	4.0b,3.8L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=100.6km s-min=24.9km az=64.0.								
ISCJB	Event type se. Error ellipse: s-maj=19.3km s-min=11.6km az=10.8.								
NEIC	Event type se. Error ellipse: s-maj=37.2km s-min=22.4km az=205.0.								
IDC	V	15 18 17 06.9-3.2	2.06S	133.13E	0	3.5,3.4	¶9598938		
IDC	Error ellipse: s-maj=136.7km s-min=29.5km az=79.0.								
ISC	I	04 23 04 44.7-2.4	0.92N-08	134.5E-10	41-20	4.4b,4.0s	¶8095263	33	7-153
BJI	I	04 23 04 37.8	0.41N	134.55E	27	5.1b,4.6b			
ISCJB	I	04 23 04 38.4-5.6	0.98N-06	134.5E-10	10	4.4b,4.0s			
NEIC	I	04 23 04 40.5-6.1	0.94N	134.39E	10	4.6b,4.0s			
IDC	I	04 23 04 41.1-7.5	1.20N	134.08E	0	4.2,4.1			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=16.6km s-min=7.2km az=148.3.								
NEIC	Event type se. Error ellipse: s-maj=22.2km s-min=11.3km az=71.0.								
IDC	Error ellipse: s-maj=37.4km s-min=23.0km az=50.0.								
IDC	I	02 07 02 13.9-2.8	0.36S	133.34E	0	4.0,3.9L	¶9476588		
IDC	Error ellipse: s-maj=215.5km s-min=23.7km az=71.0.								
IDC	I	05 21 24 23.8-2.0	4.33S	135.84E	0	3.7,3.6	¶9478009		
IDC	Error ellipse: s-maj=66.8km s-min=45.3km az=79.0.								
ISC	I	14 22 35 35.8-1.6	0.8S-20	135.7E-40	35	4.0b	¶9481511	9	19-110
IDC	I	14 22 35 30.5-1.7	0.78S	135.76E	0	4.3,4.1L			
ISCJB	I	14 22 35 34.5-1.6	0.8S-20	135.8E-50	33	4.0b,4.1L			
NEIC	I	14 22 35 35.2-1.5	0.76S	135.72E	30	4.2b,4.1L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=72.2km s-min=28.3km az=92.0.								
ISCJB	Event type se. Error ellipse: s-maj=65.3km s-min=21.5km az=16.7.								
NEIC	Event type se. Error ellipse: s-maj=50.5km s-min=22.0km az=93.0.								
ISC	V	25 15 50 29.0-8.6	4.07S-04	136.41E-06	53-9	4.6b,3.8s	¶8440548	104	3-148
IDC	V	25 15 50 23.9-7.3	3.72S	136.02E	0	5.0L,4.5			
BJI	V	25 15 50 25.9	4.00S	136.30E	24	4.9b,4.8b			
HRVD	V	25 15 50 25.9-4.0	3.72S	136.35E	13-2	4.7W,4.8b			
MOS	V	25 15 50 25.4-1.2	4.02S	136.23E	36	4.7b,4.8b			
NEIC	V	25 15 50 25.9-5.0	3.99S	136.32E	27-38	4.5b,4.8b			
ISCJB	V	25 15 50 25.5-1.1	4.06S-05	136.32E-06	38-11	4.6b,3.8s			
ISC	Event type se.								
HRVD	nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s7,c8; Mantle waves: s48,c69; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mrr=0.01±10; Mθθ=0.22±10; Mφφ=0.44±24; Mφθ=1.35±07; Mθφ=0.03±18; Best double couple: NP1:φ=5.00000°,δ73.00000°,λ178.00000°; NP2:φ=95.00000°,δ88.00000°,λ17.00000°; Principal axes: T 1.4610,Plg14.0000°; Azm321.0000°; N -0.0470,Plg72.0000°; Azm101.0000°; P -1.4130,Plg11.0000°; Azm228.0000°; Mφ1.43700×10 ¹⁶								
NEIC	Event type se.								
ISCJB	Event type se.								
IDC	VI	18 18 58 17.7-3.1	3.73S	131.58E	0	4.8L,4.0	¶9600159		
IDC	Error ellipse: s-maj=268.4km s-min=26.4km az=69.0.								
IDC	VI	23 20 49 25.1-2.8	0.69S	135.33E	0	3.7,3.5	¶9600356		
IDC	Error ellipse: s-maj=102.1km s-min=26.6km az=81.0.								
ISC	VI	01 04 35 14.7-8.5	4.44S-07	135.2E-10	35	4.0b	¶9221267	15	9-79
IDC	VI	01 04 35 09.2-1.8	4.32S	135.13E	0	4.1b,4.0			
ISCJB	VI	01 04 35 12.4-8.6	4.41S-07	135.2E-10	33	4.0b,4.0			
NEIC	VI	01 04 35 15.0-8.7	4.49S	135.07E	35	4.0b,4.0			
ISC	Event type se.								
IDC	Error ellipse: s-maj=64.0km s-min=23.8km az=76.0.								
ISCJB	Event type se. Error ellipse: s-maj=18.7km s-min=9.4km az=5.0.								
NEIC	Event type se. Error ellipse: s-maj=28.2km s-min=10.9km az=80.0.								

(197) Near north coast of Irian Jaya.

IDC	III	14 16 47 19.8-4.4	2.53S	139.21E	0	3.5L,3.5	¶10603708		
IDC	Error ellipse: s-maj=173.7km s-min=28.0km az=87.0.								
ISC	III	31 18 22 34.6-1.0	2.8S-10	139.1E-30	35	3.7b	¶10614612	11	12-86
IDC	III	31 18 22 29.4-1.2	2.67S	139.08E	0	4.0,3.9			
NEIC	III	31 18 22 30.9-8.7	2.72S	139.09E	10	3.9b,3.9			
ISCJB	III	31 18 22 32.8-1.0	2.75S-10	138.8E-30	33	3.7b,3.9			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
IDC	III	09 04 03 26.4-1.6	2.72S	139.26E	0	3.8,3.7	¶10600039		
IDC	Error ellipse: s-maj=78.4km s-min=27.7km az=97.0.								
ISC	VI	17 23 06 03.2-1.4	2.9S-10	140.6E-20	35	4.2b	¶9222188	10	13-71
IDC	VI	17 23 05 56.1-3.4	2.71S	140.68E	0	4.0L,3.9			
ISCJB	VI	17 23 06 01.6-1.4	2.9S-10	140.5E-20	33	4.3b,3.9			
NEIC	VI	17 23 06 01.6-2.0	2.88S	140.83E	35	4.6b,3.9			
ISC	Event type se.								
IDC	Error ellipse: s-maj=101.6km s-min=29.1km az=93.0.								
ISCJB	Event type se. Error ellipse: s-maj=31.0km s-min=14.6km az=35.2.								
NEIC	Event type se. Error ellipse: s-maj=45.2km s-min=15.7km az=88.0.								
ISC	III	29 04 13 36.4-1.4	2.6S-20	139.9E-40	35	3.5b	¶10612688	5	13-85
IDC	III	29 04 13 30.8-1.6	2.53S	140.21E	0	4.0,3.9L			
ISCJB	III	29 04 13 34.7-1.4	2.6S-20	139.8E-40	33	3.5b,3.9L			
IDC	IV	11 19 53 42.9-3.4	2.44S	140.39E	0	3.6L,3.6	¶9594680		

IDC	Error ellipse: s-maj=100.6km s-min=30.6km az=91.0.								
IDC	II	02 16 17 12.4-5.0	2.86S	139.29E	0	3.5,3.4	¶9569556		
IDC	Error ellipse: s-maj=200.3km s-min=29.7km az=87.0.								
ISC	II	21 11 05 37.8-1.2	3.0S-10	140.0E-30	35	3.6b	¶9579165	8	18-86
IDC	II	21 11 05 32.7-1.6	2.94S	139.92E	0	4.2L,4.0			
ISCJB	II	21 11 05 36.2-1.2	3.0S-10	139.8E-40	33	3.6b,4.0			
IDC	II	23 22 09 13.4-5.1	3.00S	139.49E	0	3.9,3.8L	¶9579480		
IDC	Error ellipse: s-maj=201.8km s-min=29.1km az=87.0.								
IDC	II	24 10 13 02.2-1.5	2.61S	139.11E	0	3.8L,3.8	¶9579568		
IDC	Error ellipse: s-maj=70.5km s-min=26.2km az=97.0.								
IDC	IV	02 13 24 06.3-4.7	2.57S	139.71E	0	3.5,3.4	¶9594118		
IDC	Error ellipse: s-maj=183.2km s-min=30.5km az=89.0.								
IDC	II	28 17 21 21.2-4.6	2.44S	139.83E	0	3.5,3.4	¶9580111		
IDC	Error ellipse: s-maj=176.6km s-min=29.8km az=88.0.								
ISC	II	28 23 51 59.7-1.5	1.7S-10	139.1E-30	35	3.9b	¶9580136	10	19-80
IDC	II	28 23 51 54.3-2.3	1.71S	139.12E	0	4.3L,4.2			
ISCJB	II	28 23 51 57.6-1.4	1.8S-10	139.1E-30	33	3.9b,4.2			
NEIC	II	28 23 51 59.6-1.0	1.74S	139.07E	35	4.0b,4.2			
ISC	Event type se.								
IDC	Error ellipse: s-maj=89.1km s-min=18.3km az=88.0.								
ISCJB	Event type se. Error ellipse: s-maj=44.4km s-min=13.2km az=162.6.								
NEIC	Event type se. Error ellipse: s-maj=36.6km s-min=9.6km az=80.0.								
ISC	V	24 10 11 08.3-1.8	2.24S-02	139.24E-03	32	5.7b,5.4s	¶8358473	335	6-161
IDC	V	24 10 11 03.0-3.9	2.24S	139.22E	0	5.5,5.5b			
MOS	V	24 10 11 06.9-1.0	2.17S	139.16E	33	5.9b,5.3s			
BJI	V	24 10 11 06.6	2.22S	139.52E	42	5.6b,5.4b			
ISCJB	V	24 10 11 06.0-1.8	2.23S-02	139.23E-03	30	5.7b,5.4s			
NEIC	V	24 10 11 07.8-1.4	2.25S	139.15E	30	6.0,5.7W			
HRVD	V	24 10 11 08.0-1.0	2.05S	139.11E	30-0	5.7W,5.7W			
ISC	Event type se.								
IDC	Error ellipse: s-maj=15.4km s-min=10.0km az=80.0.								
MOS	Error ellipse: s-maj=9.5km s-min=5.0km az=108.8.								
ISCJB	Event type se. Error ellipse: s-maj=4.8km s-min=3.2km az=148.9.								
NEIC	Event type se. Error ellipse: s-maj=5.6km s-min=3.9km az=80.0. Felt [VI] at Sarmi and [IV] at Jayaapura. Also felt at Aberpura. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s8 Moment tensor: Scale 10 ¹⁷ Nm; Mrr=0.87; Mθθ=1.86; Mφφ=2.73; Mφθ=1.99; Mθφ=1.32; Mφθ=2.68; Best double couple: NP1:φ=133.00000°,δ82.00000								

(201) Irian Jaya									
ISC	IV	14 19 52 16.8-1.9	3.2S-10	139.6E-30	58-17	4.1b	17	12-149	
IDC	IV	14 19 52 09.4-1.4	3.17S	140.09E	0	4.4,4.3L		19594921	
ISCJB	IV	14 19 52 12.9-1.2	3.2S-20	139.8E-20	33	4.1b,4.3L			
NEIC	IV	14 19 52 16.9--99	3.2S	139.97E	55	4.2b,4.3L			
ISC Event type se.									
IDC	Error ellipse: s-maj=75.4km s-min=25.1km az=117.0.								
ISCJB	Event type se. Error ellipse: s-maj=36.1km s-min=14.9km az=58.0.								
NEIC	Event type se. Error ellipse: s-maj=42.6km s-min=13.6km az=121.0.								
ISC	IV	21 17 10 16.7-1.9	5.0S-10	140.92E-08	38-21	3.7b	17	8-87	
IDC	IV	21 17 10 10.8-1.3	5.09S	140.81E	0	4.0,3.8b		19597656	
ISCJB	IV	21 17 10 14.5-92	5.00S-09	141.01E-07	33	3.7b,3.8b			
NEIC	IV	21 17 10 15.6-8.6	5.03S	141.05E	30-68	3.9b,3.8b			
ISC Event type se.									
IDC	Error ellipse: s-maj=29.4km s-min=15.8km az=132.0.								
ISCJB	Event type se. Error ellipse: s-maj=12.4km s-min=9.8km az=0.1.								
NEIC	Event type se. Error ellipse: s-maj=29.1km s-min=17.0km az=157.0.								
ISC	III	01 16 17 09.0-2.1	2.79S-06	138.50E-09	71-21	4.5b	56	11-148	
IDC	III	01 16 16 60.0-78	2.71S	138.56E	0	4.4,4.4b		110595254	
ISCJB	III	01 16 17 03.9-3.4	2.74S-09	138.43E-10	38-34	4.6b,4.3s			
MOS	III	01 16 17 03.3-92	2.70S	138.36E	33	4.5b,3.3s			
BJI	III	01 16 17 07.0	2.40S	138.94E	69	5.3b,4.8b			
NEIC	III	01 16 17 10.0-2.2	2.86S	138.34E	78-23	4.5b,4.8b			
ISC Event type se.									
IDC	Error ellipse: s-maj=32.5km s-min=17.4km az=64.0.								
ISCJB	Event type se. Error ellipse: s-maj=16.4km s-min=14.5km az=141.4.								
MOS	Error ellipse: s-maj=19.3km s-min=8.4km az=102.5.								
NEIC	Event type se. Error ellipse: s-maj=14.5km s-min=12.2km az=96.0.								
ISC	VI	05 02 54 43.4-2.0	3.4S-10	139.3E-30	35	4.0b	10	11-71	
IDC	VI	05 02 54 35.6-3.6	3.33S	139.85E	0	4.3,4.1L		19221460	
ISCJB	VI	05 02 54 41.0-2.0	3.4S-10	139.3E-40	33	4.0b,4.1L			
NEIC	VI	05 02 54 41.4-2.2	3.48S	139.70E	35	4.1b,4.1L			
ISC Event type se.									
IDC	Error ellipse: s-maj=115.0km s-min=28.2km az=92.0.								
ISCJB	Event type se. Error ellipse: s-maj=50.2km s-min=19.2km az=0.1.								
NEIC	Event type se. Error ellipse: s-maj=55.2km s-min=19.6km az=92.0.								
ISC	III	04 11 11 57.7-1.7	3.68S-08	140.20E-09	56-16	4.0b,3.9s	28	9-146	
ISCJB	III	04 11 11 53.8-2.0	3.64S-06	140.12E-10	34-18	4.0b,3.9s		110597153	
NEIC	III	04 11 11 55.4-1.5	3.62S	140.28E	37-14	4.2b,3.9s			
IDC	III	04 11 11 58.5-3.3	3.70S	140.22E	66-30	4.2L,4.2			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=16.8km s-min=8.9km az=42.9.								
NEIC	Event type se. Error ellipse: s-maj=10.5km s-min=10.4km az=172.0.								
IDC	Error ellipse: s-maj=27.1km s-min=12.9km az=96.0.								
ISC	VI	06 08 02 53.6-1.0	4.00S-04	140.05E-06	52-9	4.7b,4.1s	91	5-149	
BJI	VI	06 08 02 45.1	4.60S	140.02E	30	5.0b,5.0b		18463711	
IDC	VI	06 08 02 47.6-73	3.70S	139.93E	0	4.8,4.7			
MOS	VI	06 08 02 50.3-1.7	3.76S	139.85E	33	4.6b,4.7			
HRVD	VI	06 08 02 51.8-20	3.80S	140.13E	20-1	5.0W,4.7			
ISCJB	VI	06 08 02 51.1-1.2	3.95S-04	140.03E-07	45-11	4.7b,4.1s			
NEIC	VI	06 08 02 51.8-36	3.85S	139.93E	30	4.7b,4.1s			
ISC Event type se.									
IDC	Error ellipse: s-maj=28.6km s-min=17.6km az=71.0.								
MOS	Error ellipse: s-maj=16.6km s-min=8.1km az=104.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14,c14; Mantle waves: s64,c90; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=1.34±19 Mm=1.81±10; Mw=3.15±16; Mw=1.65±27; Mw=1.45±09; Mw=0.87±25; Best double couple: NP1:0.53,0.0000°; δ35:0.0000°; λ:26.00000°; NP2:0.157,0.0000°; δ68:0.0000°; λ:147.00000°; Principal axes: T:3.5810,Plg5.0000°; Azm283.0000°; N:0.0690,Plg51.0000°; Azm187.0000°; P:-3.6500,Plg38.0000°; Azm18.0000°; M:3.61600x10 ¹⁶								
ISCJB	Event type fe. Error ellipse: s-maj=10.9km s-min=7.3km az=173.4.								
NEIC	Event type fe. Error ellipse: s-maj=10.8km s-min=7.2km az=88.0. Felt [III] at Wamena.								
ISC	III	29 20 41 31.0-3.9	3.9S-10	140.3E-50	42-27	3.4b	11	12-145	
ISCJB	III	29 20 41 26.6-4.5	3.72S-10	140.0E-40	14-25	3.4b		110613065	
IDC	III	29 20 41 26.6-3.8	3.50S	140.14E	0	3.8,3.7			
NEIC	III	29 20 41 30.1-2.2	3.96S	140.97E	60	4.2b,3.7			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=68.4km s-min=15.6km az=9.4.								
IDC	Error ellipse: s-maj=136.0km s-min=27.9km az=95.0.								
NEIC	Event type se. Error ellipse: s-maj=76.4km s-min=12.9km az=96.0.								
ISC	III	12 18 07 37.1-1.3	2.80S-04	138.59E-09	63-13	4.5b	66	11-147	
ISCJB	III	12 18 07 29.6-2.4	2.69S-04	138.67E-09	16-17	4.5b,4.2s		110602606	
IDC	III	12 18 07 29.3-79	2.73S	138.49E	0	4.4,4.4			
MOS	III	12 18 07 33.1-91	2.68S	138.18E	33	4.8b,4.4			
BJI	III	12 18 07 34.0	2.88S	138.69E	58	5.2b,4.9s			
NEIC	III	12 18 07 35.4-1.6	2.70S	138.48E	47-15	4.6b,4.9s			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=15.3km s-min=6.5km az=5.8.								
IDC	Error ellipse: s-maj=31.4km s-min=11.8km az=88.0.								
MOS	Error ellipse: s-maj=20.4km s-min=8.6km az=107.1.								
NEIC	Event type se. Error ellipse: s-maj=12.7km s-min=9.3km az=73.0.								
ISC	III	12 22 38 06.1-96	2.71S-07	139.0E-20	35	4.0b	16	12-137	
IDC	III	12 22 38 00.6-1.4	2.64S	139.03E	0	4.1,4.0		110602698	
ISCJB	III	12 22 38 04.2-95	2.71S-06	138.9E-20	33	4.0b,4.0			
NEIC	III	12 22 38 06.1-67	2.71S	138.93E	35	4.1b,4.0			
ISC Event type se.									
IDC	Error ellipse: s-maj=66.5km s-min=24.1km az=91.0.								
ISCJB	Event type se. Error ellipse: s-maj=30.0km s-min=7.9km az=6.4.								
NEIC	Event type se. Error ellipse: s-maj=21.8km s-min=6.7km az=93.0.								
ISC	III	20 17 09 06.6-1.2	3.6S-10	136.0E-30	35	3.6b	13	16-88	
IDC	III	20 17 09 05.5-1.6	3.32S	135.81E	0	4.0,3.8L		110607326	
ISCJB	III	20 17 09 05.6-1.1	3.5S-10	135.8E-30	33	3.6b,3.8L			
NEIC	III	20 17 09 08.1-1.1	3.34S	135.58E	35	3.7b,3.8L			
ISC Event type se.									
IDC	Error ellipse: s-maj=69.4km s-min=28.7km az=97.0.								
ISCJB	Event type se. Error ellipse: s-maj=42.1km s-min=14.4km az=6.9.								
NEIC	Event type se. Error ellipse: s-maj=46.9km s-min=17.4km az=97.0.								
ISC	IV	12 09 07 35.1-2.6	3.4S-10	136.7E-30	104-28	3.5b	13	10-87	
IDC	IV	12 09 07 29.9-1.3	3.29S	137.72E	83-4	3.8,3.7		19594722	
ISCJB	IV	12 09 07 30.6-3.4	3.3S-20	137.2E-20	99-33	3.5b,3.7			
ISC	III	24 21 45 33.8-2.1	4.5S-20	140.1E-10	91-18	3.5b	16	9-145	
ISCJB	III	24 21 45 28.2-2.4	4.3S-10	140.0E-10	43-24	3.6b,3.5s		110609869	
IDC	III	24 21 45 30.7-3.8	4.10S	140.09E	51-34	4.3,4.2			
NEIC	III	24 21 45 32.2-2.3	4.38S	140.08E	69-19	4.3b,4.2			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=24.1km s-min=12.9km az=88.0.								
IDC	Error ellipse: s-maj=36.5km s-min=17.6km az=102.0.								
NEIC	Event type se. Error ellipse: s-maj=23.8km s-min=14.5km az=164.0.								
ISC	VI	11 12 36 11.2-1.2	4.15S-06	138.8E-10	105-13	4.0b	29	10-81	
ISCJB	VI	11 12 36 06.6-1.7	4.03S-06	138.8E-10	76-17	4.0b		19221808	
NEIC	VI	11 12 36 09.6-1.7	4.08S	138.82E	91-18	4.3b			
IDC	VI	11 12 36 09.2-7.4	4.03S	138.77E	84-87	4.3,4.2L			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=19.4km s-min=10.5km az=17.5.								
NEIC	Event type se. Error ellipse: s-maj=14.2km s-min=11.2km az=121.0.								
IDC	Error ellipse: s-maj=62.7km s-min=24.6km az=117.0.								
ISC	VI	12 13 33 48.8-2.5	3.5S-20	140.9E-50	35	3.4b	5	12-72	
IDC	VI	12 13 33 37.5-10	3.49S	142.42E	0	3.6L,3.6		19599979	
ISCJB	VI	12 13 33 47.0-2.5	3.5S-20	140.7E-50	33	3.4b,3.6			
ISC	VI	18 17 17 10.9-83	3.10S-03	139.70E-05	44-7	4.8b,4.6s	130	1-149	
IDC	VI	18 17 17 04.5-63	3.11S	139.65E	0	4.8s,4.8		18495591	
BJI	VI	18 17 17 07.9	3.10S	140.07E	51	5.1b,4.8s			
MOS	VI	18 17 17 08.3-1.3	3.06S	139.51E	35	5.0b,4.6s			
ISCJB	VI	18 17 17 08.2-96	3.11S-04	139.71E-05	39-8	4.8b,4.6s			
NEIC	VI	18 17 17 10.3-1.3	3.10S	139.62E	41-12	4.9b,4.6s			
HRVD	VI	18 17 17 10.3-20	3.02S	139.83E	27-0	5.2W,4.6s			
ISC Event type se.									
IDC	Error ellipse: s-maj=23.0km s-min=13.4km az=84.0.								

MOS	Error ellipse: s-maj=14.0km s-min=7.2km az=107.5.								
ISCJB	Event type se. Error ellipse: s-maj=9.4km s-min=5.6km az=149.5.								
NEIC	Event type se. Error ellipse: s-maj=9.0km s-min=6.8km az=71.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s68,c102; Mantle waves: s82,c129; Half duration: 1.0 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.76±02 Mm=0.40±01; Mw=0.35±02; Mw=0.38±03; Mw=0.46±01; Mw=0.08±03; Best double couple: NP1:0.148,0.0000°; δ35:0.0000°; λ:113.00000°; NP2:0.300,0.0000°; δ58:0.0000°; λ:74.00000°; Principal axes: T:0.8720,Plg72.0000°; Azm171.0000°; N:0.0300,Plg13.0000°; Azm308.0000°; P:-0.9020,Plg12.0000°; Azm41.0000°; M:0.88700x10 ¹⁷								
ISC	VI	18 18 12 07.6-48	3.09S-04	139.57E-08	35	4.4b,3.7s	42	10-149	
ISCJB	VI	18 18 12 05.2-48	3.13S-04	139.51E-08	33	4.4b,3.7s		18750546	
BJI	VI	18 18 12 05.1	3.10S	139.50E	35	4.9b,4.8b			
NEIC	VI	18 18 12 07.2-45	3.07S	139.51E	35	4.4b,4.8b			
IDC	VI	18 18 12 08.2-3.7	3.06S	139.53E	44-35	4.4,4.3			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=11.8km s-min=6.1km az=179.3.								
NEIC	Event type se. Error ellipse: s-maj=13.0km s-min=7.3km az=71.0.								
IDC	Error ellipse: s-maj=28.9km s-min=19.6km az=62.0.								
ISC	VI	19 08 06 09.8-5.4	3.20S-10	139.9E-20	17-37	3.8b	14	12-75	
IDC	VI	19 08 06 06.6-1.8	3.07S	139.68E	0	4.2,4.2L		19222269	
ISCJB	VI	19 08 06 08.9-5.2	3.2S-10	139.7E-20	23-40	3.8b,4.2L			
NEIC	VI	19 08 06 11.9-1.3	3.23S	139.74E	30	4.1b,4.2L			
ISC Event type se.									
IDC	Error ellipse: s-maj=65.3km s-min=26.9km az=								

IDC	II	04 08 41 59.4-7.7	2.58S	138.61E	0	3.4,3.3b				
IDC		Error ellipse: s-maj=348.2km s-min=28.2km az=86.0.								
ISC	II	05 04 49 08.1-6.3	5.0S-10	140.01E-09	7-39	4.1b	24	8-67		
ISCJB	II	05 04 49 06.6-5.4	5.07S-09	140.06E-09	10-33	4.1b				
IDC	II	05 04 49 07.3-9.3	4.92S	139.99E	0	4.2,4.2				
NEIC	II	05 04 49 11.2-6.0	4.89S	140.06E	25	4.3b,4.2				
ISC		Event type se.								
ISCJB		Event type se. Error ellipse: s-maj=18.5km s-min=10.5km az=83.1.								
IDC		Error ellipse: s-maj=34.0km s-min=19.4km az=69.0.								
NEIC		Event type se. Error ellipse: s-maj=18.1km s-min=11.1km az=61.0.								
ISC	II	15 05 59 22.1-1.1	3.65S-10	140.2E-20	35	3.5b	10	12-86		
IDC	II	15 05 59 16.7-1.5	3.5S-10	140.25E	0	4.1L,4.1				
ISCJB	II	15 05 59 20.6-1.1	3.5S-10	139.9E-20	33	3.5b,4.1				
ISC	II	15 06 36 35.3-1.7	2.96S-08	138.8E-10	81-18	4.2b	27	10-92		
IDC	II	15 06 36 26.4-8.7	2.75S	138.63E	0	4.3,4.2				
ISCJB	II	15 06 36 31.1-2.0	2.86S-06	138.8E-10	53-20	4.3b,3.9s				
NEIC	II	15 06 36 32.2-6.6	2.76S	138.81E	45	4.3b,3.9s				
BJI	II	15 06 36 32.2	2.80S	138.80E	45	4.9b,4.7b				
ISC		Event type se.								
IDC		Error ellipse: s-maj=32.4km s-min=12.9km az=85.0.								
ISCJB		Event type se. Error ellipse: s-maj=18.0km s-min=9.0km az=29.6.								
NEIC		Event type se. Error ellipse: s-maj=20.4km s-min=10.4km az=73.0.								
ISC	II	16 03 19 46.8-4.6	2.5S-10	138.0E-70	36-30	3.6b	7	11-79		
ISCJB	II	16 03 19 45.3-2.2	2.6S-10	137.7E-60	33	3.6b				
IDC	II	16 03 19 45.0-2.6	2.69S	136.64E	0	4.0,3.8L				
ISCJB		Error ellipse: s-maj=84.2km s-min=16.0km az=178.6.								
IDC		Error ellipse: s-maj=110.1km s-min=16.2km az=86.0.								
ISC	II	16 10 29 21.1-2.1	2.9S-10	138.4E-20	67-21	3.6b	9	11-148		
IDC	II	16 10 29 13.1-1.2	2.72S	138.20E	0	4.2,4.0				
ISCJB	II	16 10 29 21.5-3.5	3.0S-10	138.4E-20	88-35	3.4b,4.0				
ISC	II	19 06 07 39.2-1.2	2.91S-04	138.84E-06	63-11	4.7b	91	10-147		
IDC	II	19 06 07 31.2-7.3	2.85S	138.95E	0	4.8,4.7				
ISCJB	II	19 06 07 32.4-1.9	2.82S-04	138.84E-07	20-13	4.7b,4.1s				
MOS	II	19 06 07 34.4-8.9	2.80S	138.74E	33	4.9b,4.1s				
BJI	II	19 06 07 34.6	2.93S	139.23E	53	5.0b,4.8b				
NEIC	II	19 06 07 38.3-1.6	2.89S	138.80E	54-15	4.6b,4.8b				
ISC		Event type se.								
IDC		Error ellipse: s-maj=26.0km s-min=11.2km az=88.0.								
ISCJB		Event type se. Error ellipse: s-maj=12.8km s-min=5.6km az=22.5.								
MOS		Error ellipse: s-maj=17.6km s-min=8.3km az=101.3.								
NEIC		Event type se. Error ellipse: s-maj=12.1km s-min=9.6km az=75.0.								
IDC	II	20 14 55 17.2-3.0	2.68S	138.76E	0	3.7,3.6L				
IDC		Error ellipse: s-maj=104.7km s-min=19.7km az=92.0.								
ISC	II	21 16 11 51.8-1.5	3.72S-04	140.35E-08	84-15	4.3b	78	9-146		
BJI	II	21 16 11 42.1	4.33S	140.69E	57	5.1b,4.8b				
ISCJB	II	21 16 11 46.2-1.7	3.64S-04	140.31E-08	45-16	4.4b,3.9s				
MOS	II	21 16 11 46.3-8.9	3.59S	140.21E	44	4.6b,3.9s				
NEIC	II	21 16 11 49.7-1.7	3.65S	140.26E	58-17	4.2b,3.9s				
IDC	II	21 16 11 50.4-3.1	3.71S	140.31E	69-29	4.4,4.2				
ISC		Event type se.								
ISCJB		Event type se. Error ellipse: s-maj=12.7km s-min=7.1km az=8.7.								
MOS		Error ellipse: s-maj=17.1km s-min=7.9km az=101.5.								
NEIC		Event type se. Error ellipse: s-maj=12.4km s-min=8.8km az=106.0.								
IDC		Error ellipse: s-maj=22.3km s-min=11.1km az=90.0.								
IDC	II	23 12 05 04.2-3.5	2.92S	138.17E	0	3.8L,3.6				
IDC		Error ellipse: s-maj=131.8km s-min=16.5km az=90.0.								
ISC	II	23 14 35 07.5-5.0	4.11S-10	139.3E-20	25-42	3.9b	12	9-71		
IDC	II	23 14 35 04.7-4.1	4.02S	138.70E	0	3.7,3.5L				
ISCJB	II	23 14 35 07.4-3.5	4.1S-10	139.5E-20	57-38	3.9b,3.5L				
NEIC	II	23 14 35 12.1-3.1	4.29S	139.52E	92-33	4.9b,3.5L				
ISC		Event type se.								
IDC		Error ellipse: s-maj=152.6km s-min=17.1km az=92.0.								
ISCJB		Event type se. Error ellipse: s-maj=34.1km s-min=14.5km az=44.3.								
NEIC		Event type se. Error ellipse: s-maj=30.7km s-min=17.5km az=131.0.								
IDC	II	24 00 46 54.0-3.4	3.67S	136.03E	0	4.0,3.8				
IDC		Error ellipse: s-maj=147.8km s-min=30.7km az=80.0.								
ISC	II	25 14 10 13.5-2.5	2.48S-09	139.0E-10	84-24	4.3b	32	11-144		
IDC	II	25 14 10 08.6-5.3	2.41S	139.05E	37-44	4.2L,4.1				
ISCJB	II	25 14 10 11.3-2.7	2.50S-07	138.9E-10	77-25	4.3b,4.1				
NEIC	II	25 14 10 14.6-2.0	2.54S	138.95E	96-20	4.5b,4.1				
ISC		Event type se.								
IDC		Error ellipse: s-maj=34.9km s-min=12.2km az=91.0.								
ISCJB		Event type se. Error ellipse: s-maj=18.2km s-min=11.4km az=36.0.								
NEIC		Event type se. Error ellipse: s-maj=15.2km s-min=10.3km az=111.0.								
IDC	IV	02 15 02 23.2-2.0	2.75S	138.58E	0	4.0,3.6b				
IDC		Error ellipse: s-maj=202.3km s-min=16.5km az=105.0.								
IDC	IV	15 08 07 25.3-2.2	2.96S	137.72E	0	3.5,3.3				
IDC		Error ellipse: s-maj=213.2km s-min=32.0km az=105.0.								
IDC	IV	18 11 58 50.5-7.4	3.32S	136.13E	0	3.8,3.6b				
IDC		Error ellipse: s-maj=416.2km s-min=31.7km az=83.0.								
ISC	V	20 03 38 30.3-2.0	3.0S-10	140.2E-40	35	4.3s,3.8b	8	12-71		
IDC	V	20 03 38 24.1-3.7	2.95S	140.48E	0	4.3s,4.3				
ISCJB	V	20 03 38 28.5-2.0	3.0S-10	140.1E-40	33	4.3s,3.8b				
ISC	V	20 03 46 16.3-1.2	3.8S-10	140.2E-20	35	4.0b	8	17-86		
IDC	V	20 03 46 11.5-1.6	3.71S	140.03E	0	4.9s,4.9				
ISCJB	V	20 03 46 14.4-1.2	3.8S-10	140.1E-20	33	4.0b,4.9				
NEIC	V	20 03 46 16.2-1.0	3.81S	140.12E	35	4.4b,4.9				
ISC		Event type se.								
IDC		Error ellipse: s-maj=87.0km s-min=22.4km az=108.0.								
ISCJB		Event type se. Error ellipse: s-maj=30.1km s-min=14.4km az=15.4.								
NEIC		Event type se. Error ellipse: s-maj=27.7km s-min=12.9km az=98.0.								
ISC	V	30 03 28 53.4-1.6	3.75S-02	140.13E-03	32	5.6b,5.5s	323	5-159		
IDC	V	30 03 28 48.2-3.6	3.81S	140.07E	0	5.6,5.6s				
NEIC	V	30 03 28 50.0-1.3	3.75S	140.07E	12	6.1,5.9W				
BJI	V	30 03 28 50.6	3.99S	140.32E	46	5.7s,7.5b				
ISCJB	V	30 03 28 51.0-1.6	3.76S-02	140.10E-03	30	5.6b,5.5s				
MOS	V	30 03 28 51.9-1.3	3.67S	140.15E	33	5.7b,5.4s				
HRVD	V	30 03 28 52.7-1.0	3.77S	140.12E	16-0	5.9W,5.4s				
ISC		Event type fe.								
IDC		Error ellipse: s-maj=12.7km s-min=8.6km az=71.0.								
NEIC		Event type fe. Error ellipse: s-maj=5.1km s-min=3.8km az=78.0. Felt [IV] at Wamena and [III] at Jayapura and Tana Merah. Felt at Merakau. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M ₂ 2.00000x10 ¹⁸ Moment Tensor Solution. s11 Moment tensor: Scale 10 ¹⁹ Nm; M _{rr} -0.74 M _{θθ} -0.27 M _{φφ} 0.02 M _{φφ} 0.02 M _{φφ} 0.18 M _{φφ} 0.46 Best double couple: NP1:φ:167.00000°; δ61.00000°; λ:115.00000°. NP2:φ:31.00000°; δ37.00000°; λ:52.00000°. Principal axes: T 1.1400,Plg13.0000°; Azm275.0000°; N -0.1900,Plg22.0000°; Azm180.0000°; P -0.9500,Plg64.0000°; Azm34.0000°; M1.00000x10 ¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:69.00000°; δ62.00000°; λ:23.00000°. NP2: φ:170.00000°; δ70.00000°; λ:150.00000°. Principal axes: T Plg5.0000°; Azm298.0000°; N Plg0.0000°; Azm0.0000°; P Plg35.0000°; Azm32.0000°								
ISCJB		Event type fe. Error ellipse: s-maj=4.3km s-min=3.4km az=146.9.								
MOS		Error ellipse: s-maj=9.3km s-min=5.1km az=107.5.								
HRVD		Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s106.c205; Mantle waves: s114.c366; Half duration: 2s3 Moment tensor: Scale 10 ¹⁹ Nm; M _{rr} -0.26±0.1 M _{θθ} -0.48±0.1; M _{φφ} 0.74±0.1; M _{rr} -0.48±0.2; M _{θθ} 0.54±0.1; M _{φφ} 0.27±0.2; Best double couple: NP1:φ:60.00000°; δ63.00000°; λ:23.00000°. NP2: φ:161.00000°; δ70.00000°; λ:151.00000°. Principal axes: T 0.9510,Plg4.0000°; Azm289.0000°; N 0.1080,Plg55.0000°; Azm193.0000°; P -1.0590,Plg34.0000°; Azm22.0000°; M1.00500x10 ¹⁸								
IDC	V	10 12 28 17.6-1.8	3.98S	137.48E	0	3.7b,3.4				
IDC		Error ellipse: s-maj=860.1km s-min=31.5km az=84.0.								

IDC	V	17 11 42 24.1-3.0	3.14S	140.05E	0	4.0,3.8L			
IDC		Error ellipse: s-maj=213.9km s-min=26.7km az=99.0.							
IDC	V	30 03 55 53.5-4.6	2.25S	138.42E	0	3.8,3.6			
IDC		Error ellipse: s-maj=189.1km s-min=29.6km az=86.0.							
ISC	V	05 23 59 46.5-1.2	4.59S-08	137.1E-30	35	3.8b	12	9-88	
IDC	V	05 23 59 42.1-1.5	4.29S	136.65E	0	4.0,3.8b			
ISCJB	V	05 23 59 44.7-1.2	4.41S-09	136.9E-30	33	3.8b,3.8b			
NEIC	V	05 23 59 46.7-2.1	4.39S	136.92E	35	3.6b,3.8b			
ISC		Event type se.							

NEIC VI 03 21 00 43.8-49 3.90S 139.89E 35 4.9b,3.2s
 ISC Event type se.
 IDC Error ellipse: s-maj=26.1km s-min=15.4km az=94.0.
 ISCJB Event type se. Error ellipse: s-maj=10.9km s-min=8.2km az=162.7.
 NEIC Event type se. Error ellipse: s-maj=11.1km s-min=7.8km az=67.0.

(202) New Guinea.

ISC IV 05 07 48 44.4-86 3.1S-10 141.7E-10 35 3.7b 12 8-145
 ISCJB IV 05 07 48 42.2-89 3.1S-10 141.7E-10 33 3.7b 19594287
 IDC IV 05 07 48 46.4-6.5 3.17S 141.71E 56-64 4.1,4.0
 NEIC IV 05 07 48 47.5-4.2 3.22S 141.69E 63-39 4.3b,4.0
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=17.3km s-min=13.7km az=69.0.
 IDC Error ellipse: s-maj=44.1km s-min=26.8km az=151.0.
 NEIC Event type se. Error ellipse: s-maj=34.2km s-min=14.8km az=147.0.
 IDC IV 26 05 04 51.8-1.5 6.26S 144.60E 0 3.7,3.6

IDC Error ellipse: s-maj=44.5km s-min=24.2km az=72.0.
 ISC IV 30 09 39 43.1-1.8 4.18S-09 142.01E-09 107-17 3.8b 21 7-147
 ISCJB IV 30 09 39 39.3-2.4 4.1S-10 142.02E-09 86-22 3.8b 18646765
 MOS IV 30 09 39 42.1-1.3 4.16S 141.89E 106 4.1b
 NEIC IV 30 09 39 43.6-5.3 4.19S 141.92E 112 4.6b
 IDC IV 30 09 39 45.0-3.0 4.23S 142.12E 126-29 4.2,3.9

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=16.7km s-min=14.3km az=4.8.
 MOS Error ellipse: s-maj=24.8km s-min=13.6km az=92.2.
 NEIC Event type se. Error ellipse: s-maj=12.9km s-min=9.4km az=91.0.
 IDC Error ellipse: s-maj=24.0km s-min=12.1km az=111.0.
 ISC IV 24 12 07 37.5-6.4 6.3S-20 144.6E-10 14-40 3.6b 11 4-76
 IDC IV 24 12 07 34.9-2.0 6.25S 144.69E 0 4.0,3.9 19597864
 ISCJB IV 24 12 07 36.0-6.6 6.3S-20 144.6E-10 17-49 3.6b,3.9
 NEIC IV 24 12 07 40.0-1.5 6.33S 144.64E 35 3.8b,3.9

ISC Event type se.
 IDC Error ellipse: s-maj=39.0km s-min=26.2km az=63.0.
 ISCJB Event type se. Error ellipse: s-maj=31.6km s-min=13.7km az=56.3.
 NEIC Event type se. Error ellipse: s-maj=23.2km s-min=16.8km az=42.0.
 ISC III 21 20 02 16.2-1.6 3.58S-07 141.55E-06 39-16 4.4b,3.5s 34 8-146
 ISCJB III 21 20 02 10.3-2.4 3.49S-05 141.64E-06 14-15 4.4b,3.5s 110608021
 MOS III 21 20 02 15.6-1.4 3.54S 141.60E 39-14 4.6b,3.5s
 NEIC III 21 20 02 16.0-2.9 3.54S 141.56E 43-27 4.0,4.0

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=10.6km s-min=7.7km az=144.6.
 NEIC Event type se. Error ellipse: s-maj=9.9km s-min=8.7km az=207.0.
 IDC Error ellipse: s-maj=20.5km s-min=10.8km az=114.0.
 ISC III 07 01 35 16.9-3.1 4.6S-20 143.8E-10 121-34 3.7b 15 6-149
 ISCJB III 07 01 35 15.0-3.4 4.6S-20 143.8E-10 116-35 3.7b 110598737
 NEIC III 07 01 35 15.4-8.2 4.55S 143.72E 102 4.4b
 IDC III 07 01 35 15.4-9.7 4.49S 143.86E 104-8 3.9,3.7

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=27.6km s-min=16.5km az=159.8.
 NEIC Event type se. Error ellipse: s-maj=17.4km s-min=12.9km az=85.0.
 IDC Error ellipse: s-maj=27.1km s-min=15.0km az=70.0.
 ISC III 26 18 38 42.9-1.9 4.6S-10 142.7E-10 152-19 3.6b 16 7-86
 ISCJB III 26 18 38 37.2-2.6 4.3S-10 142.5E-10 104-27 3.7b 110611175
 MOS III 26 18 38 43.8-3.0 4.53S 142.85E 162-32 4.3b
 IDC III 26 18 38 46.1-3.6 4.70S 142.93E 191-38 3.8,3.4

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=25.6km s-min=12.8km az=96.3.
 NEIC Event type se. Error ellipse: s-maj=30.3km s-min=14.0km az=131.0.
 IDC Error ellipse: s-maj=34.3km s-min=17.3km az=118.0.
 ISC III 18 16 34 34.5-4.3 5.62S-05 141.98E-06 35 4.5b,3.7s 36 6-87
 ISCJB III 18 16 34 32.0-4.1 5.65S-04 141.97E-06 33 4.5b,3.7s 110606070
 MOS III 18 16 34 33.8-5.2 5.64S 141.97E 35 4.5b,3.7s
 NEIC III 18 16 34 39.6-3.5 5.65S 142.23E 93-36 4.0,3.8

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=8.0km s-min=6.3km az=151.2.
 NEIC Event type se. Error ellipse: s-maj=14.4km s-min=9.0km az=99.0.
 IDC Error ellipse: s-maj=28.8km s-min=13.5km az=101.0.
 IDC III 05 09 59 08.0-1.7 3.65S 141.48E 0 3.8,3.6b 110597787
 IDC Error ellipse: s-maj=68.9km s-min=26.4km az=99.0.
 ISC VI 19 14 51 30.2-2.6 4.3S-20 142.95E-09 62-19 4.1b 19 7-86
 ISCJB VI 19 14 51 28.2-3.3 4.3S-20 142.95E-09 54-24 4.1b,3.3s 19222276
 MOS VI 19 14 51 30.2-2.4 4.28S 142.93E 60-17 4.4b,3.3s
 IDC VI 19 14 51 30.2-6.0 4.24S 142.99E 61-58 4.2,4.0

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=29.2km s-min=14.2km az=22.5.
 NEIC Event type se. Error ellipse: s-maj=23.6km s-min=15.9km az=178.0.
 IDC Error ellipse: s-maj=39.2km s-min=32.1km az=153.0.
 ISC VI 18 10 30 08.6-4.8 5.45S-05 142.19E-09 35 4.3b,3.0s 34 6-147
 IDC VI 18 10 30 03.5-1.2 5.38S 142.18E 0 4.1,4.0 18855428
 ISCJB VI 18 10 30 06.6-4.8 5.46S-06 142.15E-10 33 4.3b,3.0s
 MOS VI 18 10 30 06.2-7.8 5.45S 142.13E 33 4.6b,3.0s
 NEIC VI 18 10 30 06.9-4.6 5.42S 142.18E 22-33 4.5b,3.0s

ISC Event type se.
 IDC Error ellipse: s-maj=38.0km s-min=19.5km az=88.0.
 ISCJB Event type se. Error ellipse: s-maj=13.7km s-min=8.5km az=15.1.
 MOS Error ellipse: s-maj=23.7km s-min=15.2km az=104.2.
 NEIC Event type se. Error ellipse: s-maj=14.2km s-min=13.6km az=181.0.
 ISC VI 26 00 45 11.4-4.3 4.08S-10 142.9E-20 35 3.6b 9 16-83
 IDC VI 26 00 45 05.6-4.7 4.15S 143.03E 0 4.0,3.9L 19222642
 ISCJB VI 26 00 45 09.4-1.3 4.08S-10 142.9E-30 33 3.6b,3.9L
 NEIC VI 26 00 45 11.3-1.2 4.09S 142.93E 35 3.7b,3.9L

ISC Event type se.
 IDC Error ellipse: s-maj=137.4km s-min=32.1km az=99.0.
 ISCJB Event type se. Error ellipse: s-maj=36.7km s-min=14.0km az=2.5.
 NEIC Event type se. Error ellipse: s-maj=33.0km s-min=12.8km az=91.0.
 ISC III 20 08 50 36.3-3.1 3.4S-20 141.6E-10 36-31 3.5b,3.0s 10 8-85
 ISCJB III 20 08 50 34.3-1.0 3.5S-10 141.6E-10 33 3.5b,3.0s 110607056
 IDC III 20 08 50 40.0-9.6 3.57S 141.80E 75-101 3.6,3.5

ISCJB Error ellipse: s-maj=19.9km s-min=15.5km az=45.8.
 IDC Error ellipse: s-maj=83.7km s-min=28.6km az=139.0.
 ISC II 06 03 58 43.6-3.5 5.66S-05 142.07E-06 12-22 4.4s,4.3b 31 6-149
 IDC II 06 03 58 40.9-9.0 5.49S 142.15E 0 4.2s,4.2 18319149
 ISCJB II 06 03 58 42.0-3.4 5.64S-05 142.11E-07 18-25 4.4s,4.3b
 MOS II 06 03 58 43.5-5.4 5.66S 142.12E 32 4.7b,4.3b
 NEIC II 06 03 58 46.6-5.6 5.72S 142.06E 35 4.6b,4.3b
 BJI II 06 03 58 46.5 5.70S 142.10E 30 4.8b,4.3b

ISC Event type se.
 IDC Error ellipse: s-maj=39.5km s-min=21.8km az=63.0.
 ISCJB Event type se. Error ellipse: s-maj=11.4km s-min=8.3km az=4.5.
 MOS Error ellipse: s-maj=22.8km s-min=13.9km az=107.7.
 NEIC Event type se. Error ellipse: s-maj=19.4km s-min=10.5km az=73.0.
 IDC II 07 01 09 29.9-10 4.30S 142.84E 0 3.7,3.5 19570081

IDC Error ellipse: s-maj=373.5km s-min=33.5km az=94.0.
 ISC II 08 08 03 30.9-2.6 5.3S-10 143.5E-10 149-31 4.3b 20 5-86
 ISCJB II 08 08 03 28.6-2.9 5.2S-10 143.5E-10 144-32 4.3b 19570220
 NEIC II 08 08 03 30.5-2.0 5.22S 143.51E 148-22 4.6b
 IDC II 08 08 03 31.2-5.3 5.23S 143.59E 157-61 4.1,3.7
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=24.9km s-min=16.2km az=108.3.
 NEIC Event type se. Error ellipse: s-maj=19.8km s-min=11.9km az=114.0.
 IDC Error ellipse: s-maj=46.9km s-min=26.4km az=137.0.
 IDC II 15 09 50 35.9-4.3 4.23S 143.67E 75-36 3.9,3.9 19570925

IDC Error ellipse: s-maj=37.9km s-min=16.2km az=114.0.
 ISC IV 24 12 08 49.6-4.4 6.43S-09 144.39E-08 27-32 4.4b,4.0s 25 4-87
 IDC IV 24 12 08 43.9-1.0 6.22S 144.57E 0 4.3,4.2 19597865
 ISCJB IV 24 12 08 47.2-4.5 6.38S-09 144.41E-08 28-33 4.4b,4.0s
 NEIC IV 24 12 08 50.2-7.4 6.37S 144.39E 35 4.2b,4.0s

ISC Event type se.
 IDC Error ellipse: s-maj=30.9km s-min=19.7km az=83.0.
 ISCJB Event type se. Error ellipse: s-maj=17.0km s-min=11.3km az=68.3.
 NEIC Event type se. Error ellipse: s-maj=15.1km s-min=13.1km az=55.0.
 ISC II 22 21 11 54.5-1.0 6.33S-05 145.64E-08 137-11 4.7b 106 3-154
 BJI II 22 21 11 49.1 6.09S 146.10E 112 5.1b,5.0b 18335700
 ISCJB II 22 21 11 50.3-1.1 6.19S-04 145.57E-07 109-11 4.8b,5.0b
 MOS II 22 21 11 51.2-1.1 6.12S 145.36E 111 4.9b,5.0b
 IDC II 22 21 11 53.3-7.4 6.19S 145.58E 124-6 4.7,4.4
 NEIC II 22 21 11 54.7-1.2 6.28S 145.48E 137-11 4.8b,4.4

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.3km s-min=7.2km az=18.1.
 MOS Error ellipse: s-maj=12.4km s-min=8.5km az=110.3.
 IDC Error ellipse: s-maj=21.9km s-min=11.5km az=79.0.
 NEIC Event type se. Error ellipse: s-maj=8.7km s-min=7.7km az=84.0.
 ISC V 03 12 42 33.5-3.4 4.6S-20 143.5E-10 84-35 3.7b 12 6-148
 IDC V 03 12 42 32.6-6.8 4.54S 143.52E 75-69 3.8,3.7 19130744
 NEIC V 03 12 42 32.2-2.5 4.46S 143.42E 68-24 4.1b,3.7
 ISCJB V 03 12 42 34.2-2.7 4.7S-10 143.5E-10 106-29 3.7b,3.7

ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.
 IDC V 06 14 12 29.2-1.7 5.12S 142.76E 0 4.1,3.9L 19598571
 IDC Error ellipse: s-maj=117.6km s-min=27.4km az=122.0.
 ISC V 07 17 57 02.9-2.4 4.5S-10 143.05E-09 122-22 4.2b 21 6-151
 ISCJB V 07 17 57 02.2-2.6 4.5S-10 143.05E-08 130-24 4.1b 19130979
 NEIC V 07 17 57 02.3-2.1 4.40S 142.97E 120-18 4.6b
 IDC V 07 17 57 03.5-4.3 4.50S 143.13E 134-44 4.2,3.9

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=22.9km s-min=13.2km az=155.7.
 NEIC Event type se. Error ellipse: s-maj=20.3km s-min=10.9km az=157.0.
 IDC Error ellipse: s-maj=31.5km s-min=21.4km az=136.0.
 ISC V 08 18 37 00.5-1.6 3.88S-03 141.36E-03 113 5.2b 271 8-158
 MOS V 08 18 36 49.9-7.6 3.74S 141.36E 33 5.5b,4.7s 18338642
 IDC V 08 18 36 56.7-6.0 3.83S 141.33E 80-5 5.3,5.0
 ISCJB V 08 18 36 58.4-1.6 3.89S-02 141.29E-03 111 5.2b,5.0
 BJI V 08 18 36 58.2 3.95S 141.64E 126 5.2b,5.1b
 NEIC V 08 18 37 00.0-1.2 3.85S 141.27E 113 5.3b,5.1b
 HRVD V 08 18 37 00.0-1.0 3.83S 141.36E 107-0 5.4W,5.1b

ISC Event type se.
 MOS Error ellipse: s-maj=10.5km s-min=5.8km az=101.7.
 IDC Error ellipse: s-maj=14.1km s-min=9.2km az=82.0.
 ISCJB Event type se. Error ellipse: s-maj=4.9km s-min=3.0km az=131.2.
 NEIC Event type se. Error ellipse: s-maj=5.3km s-min=3.3km az=76.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s91,c158; Mantle waves: s106,c219; Half duration: 1s2 Moment tensor: Scale 1017Nm; M=0.94±0.02 Mm=1.45±0.02; M=0.51±0.02; M=0.46±0.01; M=0.29±0.02; M=0.73±0.02; Best double couple: NP1:φ247.00000°,δ43.00000°,λ37.00000°; NP2:φ128.00000°,δ66.00000°,λ126.00000°. Principal axes: T 1.5030,Plg54.0000°,AzM83.0000°; N 0.1210,Plg32.0000°,AzM291.0000°; P -1.6250,Plg13.0000°,AzM192.0000°; M=1.564000°;1017

ISC V 14 13 28 17.4-1.3 3.1S-10 142.0E-40 35 3.6b 9 18-85
 IDC V 14 13 28 12.0-1.6 3.07S 142.00E 0 3.8,3.7 19131422
 ISCJB V 14 13 28 15.7-1.3 3.1S-10 141.8E-40 33 3.6b,3.7
 NEIC V 14 13 28 17.4-1.2 3.10S 141.91E 35 4.0b,3.7
 ISC Event type se.
 IDC Error ellipse: s-maj=60.5km s-min=22.0km az=105.0.
 ISCJB Event type se. Error ellipse: s-maj=54.1km s-min=13.6km az=24.1.
 NEIC Event type se. Error ellipse: s-maj=50.1km s-min=14.0km az=102.0.
 IDC I 19 14 03 13.6-8.6 4.51S 143.90E 99-81 3.8,3.6 19483792

IDC Error ellipse: s-maj=66.8km s-min=40.0km az=140.0.
 IDC V 17 08 44 22.6-1.8 6.44S 143.50E 0 4.1,4.0b 19599087
 IDC Error ellipse: s-maj=48.0km s-min=31.9km az=75.0.
 IDC IV 21 04 07 51.4-7.1 4.34S 143.73E 0 4.0b,4.0 19597608
 IDC Error ellipse: s-maj=267.8km s-min=27.2km az=97.0.

(203) Bismarck Sea.

ISC IV 21 21 22 28.9-2.8 3.2S-10 147.5E-20 75-27 4.0b 20 6-145
 MOS IV 21 21 22 28.8-9.7 3.08S 147.50E 33 4.8b 18646376
 ISCJB IV 21 21 22 25.9-3.2 3.1S-10 147.4E-20 58-30 4.1b,4.0s
 NEIC IV 21 21 22 27.9-3.0 3.14S 147.40E 62-29 4.5b,4.0s
 HRVD IV 21 21 22 27.9-4.0 3.00S 147.28E 16-2 4.9W,4.0s
 IDC IV 21 21 22 28.1-4.7 3.15S 147.58E 63-41 4.0,3.9
 BJI IV 21 21 22 28.6 0.63S 147.94E 5 5.0b,4.7s

ISC Event type se.
 MOS Error ellipse: s-maj=30.1km s-min=14.9km az=77.8.
 ISCJB Event type se. Error ellipse: s-maj=25.9km s-min=19.3km az=29.3.
 NEIC Event type se. Error ellipse: s-maj=25.2km s-min=19.0km az=120.0.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s7,c8; Mantle waves: s55,c76; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=0.10±0.10 Mm=0.33±0.09; M=0.23±0.12; M=0.43±0.27; M=0.11±0.07; M=0.31±0.26; Best double couple: NP1:φ184.00000°,δ78.00000°,λ170.00000°; NP2:φ276.00000°,δ80.00000°,λ13.00000°. Principal axes: T 1.7370,Plg16.0000°,AzM140.0000°; N -0.2480,Plg74.0000°,AzM315.0000°; P -1.4890,Plg1.0000°,AzM50.0000°; M=1.613000°;1016

IDC Error ellipse: s-maj=35.4km s-min=21.8km az=101.0.
 IDC IV 06 13 40 29.9-1.4 4.66S 149.78E 0 4.2,4.0 19594372
 IDC Error ellipse: s-maj=38.2km s-min=23.6km az=132.0.
 ISC IV 21 23 07 54.6-4.0 3.1S-30 147.3E-30 86-36 3.9b 11 6-145
 NEIC IV 21 23 07 49.3-9.4 2.79S 147.09E 35 4.4b 19597666
 ISCJB IV 21 23 07 53.2-4.8 3.1S-30 147.3E-30 85-43 3.8b
 IDC IV 21 23 07 54.1-5.2 3.05S 147.34E 79-47 4.0,4.0

ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=34.6km s-min=15.5km az=115.0.
 ISCJB Event type se. Error ellipse: s-maj=26.8km s-min=23.6km az=90.1.
 IDC Error ellipse: s-maj=54.0km s-min=26.1km az=127.0.
 ISC III 17 13 48 15.2-1.0 4.86S-03 149.86E-04 13-6 5.2b,5.1s 222 5-153
 ISCJB III 17 13 48 11.8-8.9 4.84S-03 149.77E-04 2-5 5.2b,5.1s 110605409
 IDC III 17 13 48 12.6-5.0 4.82S 149.85E 0 5.1,5.1
 CRAAG III 17 13 48 12.6 4.84S 149.75E 0 5.4b,5.1
 CSEM III 17 13 48 12.6 4.84S 149.75E 10 5.6L,5.1
 NEIC III 17 13 48 16.6-3.0 4.82S 149.74E 23-21 5.5W,5.2b
 BJI III 17 13 48 16.1 4.98S 149.68E 30 5.6b,5.3s
 HRVD III 17 13 48 16.6-1.0 4.76S 149.81E 13 5.6W,5.3s
 MOS III 17 13 48 17.2-1.2 4.78S 149.66E 33 5.4b,5.0s

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=7.2km s-min=4.8km az=16.4.
 IDC Error ellipse: s-maj=18.8km s-min=12.0km az=85.0.
 NEIC Event type se. Error ellipse: s-maj=9.2km s-min=6.5km az=85.0. Moment Tensor Solution.
 s9 Moment tensor: Scale 1017Nm; Mr=1.63 Mm=0.28 M=0.45 M=0.40 M=0.75 M=0.108 Best double couple: NP1:φ256.00000°,δ55.00000°,λ-132.00000°; NP2:φ134.00000°,δ52.00000°,λ-46.00000°. Principal axes: T 2.2900,Plg2.0000°,AzM15.0000°; N 0.1000,Plg33.0000°,AzM283.0000°; P -2.3900,Plg56.0000°,AzM107.0000°; M=2.30000°;1017

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s78,c151; Mantle waves: s103,c214; Half duration: 1s6 Moment tensor: Scale 1017Nm; Mr=1.52±0.05 Mm=3.66±0.04; M=0.2±0.11; M=0.14±0.04; M=0.54±0.14; Best double couple: NP1:φ35.00000°,δ67.00000°,λ-163.00000°; NP2:φ298.00000°,δ75.00000°,λ-24.00000°. Principal axes: T 4.0370,Plg5.0000°,AzM348.0000°; N -1.2110,Plg61.0000°,AzM87.0000°; P -2.8260,Plg28.0000°,AzM255.0000°; M=3.432000°;1017

MOS Error ellipse: s-maj=11.8km s-min=6.6km az=86.5.
 ISC III 17 19 15 28.4-4.4 4.5S-40 149.5E-60 36-44 3.7b 9 5-83

NEIC	Event type se. Error ellipse: s-maj=41.2km s-min=16.8km az=188.0.								
ISCJB	Event type se. Error ellipse: s-maj=48.2km s-min=23.6km az=66.6.								
IDC	Error ellipse: s-maj=41.8km s-min=20.1km az=123.0.								
IDC	IV 26 15 56 37.2-3.3 6.57S 146.89E 0 3.8,3.6								
IDC	Error ellipse: s-maj=77.6km s-min=42.4km az=87.0.								
IDC	V 22 08 28 34.0-1.4 5.40S 146.18E 0 3.7,3.6b								
IDC	Error ellipse: s-maj=43.7km s-min=23.8km az=106.0.								
ISC	V 19 17 42 14.5-3.7 6.3S-20 147.6E-30 67-36 3.4b 13 3-146								
IDC	V 19 17 42 04.5-2.3 6.21S 148.03E 0 3.9,3.8								
NEIC	V 19 17 42 08.4-2.8 7.29S 149.98E 128-19 4.1b,3.8								
ISCJB	V 19 17 42 14.3-3.3 6.3S-20 147.7E-30 88-32 3.4b,3.8								
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	V 22 07 31 15.3-2.9 5.7S-20 146.0E-10 88-28 3.6b 12 4-151								
IDC	V 22 07 31 05.2-1.1 5.35S 145.82E 0 4.1,4.0								
ISCJB	V 22 07 31 14.4-3.1 5.7S-20 146.0E-10 93-29 3.6b,4.0								
IDC	V 25 19 55 14.4-5.3 7.24S 147.47E 124-49 3.3,3.1								
IDC	Error ellipse: s-maj=84.0km s-min=49.8km az=125.0.								
ISC	V 24 03 48 36.8-1.4 5.30S-06 145.69E-06 47-13 4.5b,4.0s 57 4-155								
MOS	V 24 03 48 33.8-1.3 5.16S 145.71E 33 4.7b,4.0s								
ISCJB	V 24 03 48 34.5-1.8 5.31S-06 145.67E-06 42-17 4.5b,4.0s								
IDC	V 24 03 48 35.6-3.9 5.32S 145.63E 33-29 4.6,4.5								
NEIC	V 24 03 48 37.0-1.6 5.27S 145.65E 49-14 4.7b,4.5								
BJI	V 24 03 48 36.9 5.30S 145.60E 48 5.1b,4.8b								
ISC	Event type se.								
MOS	Error ellipse: s-maj=14.3km s-min=9.1km az=99.7.								
ISCJB	Event type se. Error ellipse: s-maj=10.9km s-min=10.3km az=27.4.								
IDC	Error ellipse: s-maj=17.4km s-min=11.6km az=96.0.								
NEIC	Event type se. Error ellipse: s-maj=10.8km s-min=9.5km az=169.0.								
ISC	V 30 03 25 13.1-2.0 6.12S-09 147.4E-10 70-18 4.4b 40 3-154								
MOS	V 30 03 25 08.6-5.7 5.96S 147.10E 33 4.5b								
ISCJB	V 30 03 25 11.3-2.2 6.09S-09 147.3E-10 66-20 4.4b								
IDC	V 30 03 25 12.8-3.0 6.10S 147.40E 66-26 4.5,4.4								
NEIC	V 30 03 25 12.6-1.6 6.11S 147.38E 65-14 4.8b,4.4								
BJI	V 30 03 25 12.5 6.10S 147.40E 64 5.0b,4.4								
ISC	Event type se.								
MOS	Error ellipse: s-maj=22.1km s-min=10.5km az=76.3.								
ISCJB	Event type se. Error ellipse: s-maj=21.8km s-min=14.3km az=27.7.								
IDC	Error ellipse: s-maj=24.9km s-min=18.1km az=83.0.								
NEIC	Event type se. Error ellipse: s-maj=12.9km s-min=11.2km az=91.0.								
ISC	V 26 20 37 46.2-3.4 5.7S-20 146.1E-20 72-35 3.4b 11 4-144								
ISCJB	V 26 20 37 44.4-3.6 5.7S-20 146.1E-20 70-36 3.4b								
IDC	V 26 20 37 44.6-4.6 6.55S 146.12E 54-45 3.6,3.6								
NEIC	V 26 20 37 46.6-3.4 5.70S 146.14E 77-36 4.0b,3.6								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=30.0km s-min=22.9km az=73.6.								
IDC	Error ellipse: s-maj=31.3km s-min=26.4km az=103.0.								
NEIC	Event type se. Error ellipse: s-maj=36.5km s-min=19.1km az=124.0.								
ISC	V 27 03 22 30.1-1.4 5.99S-06 147.15E-09 90-13 4.3b 49 3-154								
MOS	V 27 03 22 23.3-1.1 5.71S 146.93E 33 4.5b								
ISCJB	V 27 03 22 27.5-1.5 5.93S-06 147.20E-08 83-14 4.3b								
IDC	V 27 03 22 29.8-2.4 6.00S 147.12E 85-20 4.5,4.4								
NEIC	V 27 03 22 29.6-1.6 5.94S 147.16E 86-14 4.6b,4.4								
ISC	Event type se.								
MOS	Error ellipse: s-maj=21.7km s-min=9.5km az=77.7.								
ISCJB	Event type se. Error ellipse: s-maj=14.7km s-min=8.9km az=43.4.								
IDC	Error ellipse: s-maj=21.1km s-min=11.7km az=125.0.								
NEIC	Event type se. Error ellipse: s-maj=12.2km s-min=11.6km az=123.0.								
IDC	V 12 22 43 53.9-4.7 5.99S 146.93E 0 3.4,3.3L								
IDC	Error ellipse: s-maj=181.8km s-min=48.6km az=111.0.								
ISC	V 29 03 48 48.9-1.2 5.46S-09 147.13E-08 191-10 4.2b 30 4-147								
ISCJB	V 29 03 48 46.0-1.3 5.29S-08 147.23E-07 183-11 4.2b								
NEIC	V 29 03 48 46.9-1.5 5.26S 147.20E 181-13 4.7b								
IDC	V 29 03 48 48.5-1.7 5.54S 147.16E 193-14 4.5,4.2								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=15.7km s-min=9.4km az=108.2.								
NEIC	Event type se. Error ellipse: s-maj=13.9km s-min=9.4km az=155.0.								
IDC	Error ellipse: s-maj=21.3km s-min=10.7km az=121.0.								
IDC	V 30 17 57 30.3-6.0 6.58S 147.93E 97-42 3.6,3.4								
IDC	Error ellipse: s-maj=57.5km s-min=46.3km az=82.0.								
IDC	V 31 02 17 13.6-6.1 6.94S 146.79E 69-57 3.8,3.7								
IDC	Error ellipse: s-maj=50.1km s-min=27.6km az=159.0.								
IDC	V 31 02 53 46.1-4.8 6.63S 146.45E 138-54 3.6,3.3								
IDC	Error ellipse: s-maj=61.5km s-min=25.9km az=138.0.								
ISC	V 02 05 31 52.7-1.9 6.3S-10 146.3E-10 116-17 3.7b 16 3-154								
ISCJB	V 02 05 31 53.0-2.3 6.4S-10 146.3E-10 130-21 3.6b								
IDC	V 02 05 31 52.4-2.6 6.29S 146.24E 108-23 3.9,3.8								
NEIC	V 02 05 31 53.2-2.5 6.15S 146.13E 116-21 4.2b,3.8								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=24.9km s-min=17.7km az=144.1.								
IDC	Error ellipse: s-maj=27.0km s-min=14.7km az=118.0.								
NEIC	Event type se. Error ellipse: s-maj=22.7km s-min=17.7km az=158.0.								
IDC	V 26 20 58 44.7-7.2 6.19S 146.79E 47-75 3.6,3.5								
IDC	Error ellipse: s-maj=67.2km s-min=49.3km az=122.0.								
IDC	V 05 06 25 21.4-7.5 5.96S 147.62E 94-65 4.2L,4.2								
IDC	Error ellipse: s-maj=71.6km s-min=54.7km az=125.0.								
ISC	V 05 09 06 39.9-3.9 6.0S-20 147.8E-20 41-36 4.0b,3.7s 14 3-85								
ISCJB	V 05 09 06 40.8-3.9 6.1S-20 147.7E-20 64-35 4.0b,3.7s								
NEIC	V 05 09 06 41.8-3.0 6.19S 147.89E 58-27 4.2b,3.7s								
IDC	V 05 09 06 43.9-5.1 6.26S 147.97E 81-46 4.0L,3.8								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=42.2km s-min=26.3km az=75.4.								
NEIC	Event type se. Error ellipse: s-maj=38.0km s-min=19.2km az=139.0.								
IDC	Error ellipse: s-maj=51.7km s-min=31.8km az=130.0.								
ISC	V 07 02 11 00.8-2.9 5.6S-20 145.5E-10 126-33 3.8b 21 4-144								
ISCJB	V 07 02 10 58.8-3.1 5.5S-20 145.5E-10 120-34 3.8b								
NEIC	V 07 02 10 59.5-2.3 5.46S 145.45E 109-26 4.2b								
IDC	V 07 02 11 03.3-4.7 5.73S 145.69E 157-55 3.8,3.4								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=30.4km s-min=16.8km az=124.4.								
NEIC	Event type se. Error ellipse: s-maj=26.5km s-min=12.7km az=136.0.								
IDC	Error ellipse: s-maj=52.6km s-min=23.5km az=133.0.								
IDC	V 07 02 55 56.5-7.1 6.11S 146.41E 120-72 3.6,3.4								
IDC	Error ellipse: s-maj=72.7km s-min=28.0km az=142.0.								
IDC	V 07 19 02 05.8-7.0 6.05S 147.28E 107-74 3.8,3.7								
IDC	Error ellipse: s-maj=80.1km s-min=29.9km az=140.0.								
ISC	V 10 20 38 58.4-1.2 5.54S-07 147.2E-10 200-12 4.1b 28 4-145								
ISCJB	V 10 20 38 55.7-1.3 5.44S-07 147.2E-10 188-13 4.2b								
IDC	V 10 20 38 57.5-1.8 5.54S 147.31E 196-17 4.3,3.9								
BJI	V 10 20 38 57.2 5.40S 147.20E 199 4.5b,4.2b								
NEIC	V 10 20 38 58.2-1.9 5.43S 147.18E 199-19 4.9b,4.2b								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=17.2km s-min=11.3km az=27.7.								
IDC	Error ellipse: s-maj=20.5km s-min=13.3km az=78.0.								
NEIC	Event type se. Error ellipse: s-maj=18.2km s-min=14.7km az=83.0.								
ISC	V 11 03 18 27.8-1.6 5.6S-10 147.4E-20 158-15 4.1b 18 4-145								
ISCJB	V 11 03 18 24.9-2.0 5.5S-10 147.3E-20 148-20 4.1b								
NEIC	V 11 03 18 27.9-1.8 5.55S 147.29E 161-17 4.6b								
IDC	V 11 03 18 28.5-1.8 5.54S 147.18E 162-15 4.2,3.9								

ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=32.8km s-min=15.0km az=54.0.								
NEIC	Event type se. Error ellipse: s-maj=23.9km s-min=14.3km az=117.0.								
IDC	Error ellipse: s-maj=27.4km s-min=11.0km az=112.0.								
ISC	V 11 08 57 08.7-1.6 5.5S-10 147.2E-20 175-16 4.0b 19 4-85								
IDC	V 11 08 56 49.7-1.6 4.34S 146								

ISC	I	26 07 45 39.7-2.9	5.7S-20	146.9E-20	106-31	3.8b	14	4-145	
ISC	I	26 07 45 38.4-3.1	5.7S-20	146.8E-20	110-34	3.8b			¶19486222
ISC	I	26 07 45 38.0-4.0	5.6S-20	146.83E	85-37	3.9,3.8			
NEIC	I	26 07 45 38.9-2.7	5.59S	146.70E	92-26	4.1b,3.8			
ISC	Event type se.								
ISC	Error ellipse: s-maj=38.0km s-min=22.6km az=64.9.								
IDC	Error ellipse: s-maj=43.0km s-min=27.4km az=85.0.								
NEIC	Event type se. Error ellipse: s-maj=27.2km s-min=19.4km az=121.0.								
ISC	I	29 08 29 17.0-1.8	6.8S-10	147.4E-20	79-22	3.9b	18	3-146	
ISC	I	29 08 29 15.8-2.1	6.8S-10	147.4E-20	83-26	3.9b			¶19487445
IDC	I	29 08 29 15.9-3.4	6.74S	147.46E	69-38	4.0,3.9			
NEIC	I	29 08 29 16.6-1.6	6.73S	147.46E	77-19	4.2b,3.9			
ISC	Event type se.								
ISC	Error ellipse: s-maj=36.8km s-min=12.5km az=55.2.								
IDC	Error ellipse: s-maj=94.7km s-min=24.7km az=96.0.								
NEIC	Event type se. Error ellipse: s-maj=28.0km s-min=11.1km az=110.0.								
ISC	I	29 23 48 31.1-2.7	5.7S-10	146.3E-10	68-27	4.2b	15	4-144	
ISC	I	29 23 48 29.4-3.0	5.7S-10	146.3E-10	69-29	4.2b			¶19487719
IDC	I	29 23 48 30.3-7.8	5.66S	146.27E	69-56	4.0,3.9b			
NEIC	I	29 23 48 33.3-2.6	5.87S	146.34E	86-27	4.5b,3.9b			
ISC	Event type se.								
ISC	Error ellipse: s-maj=24.6km s-min=17.4km az=116.9.								
IDC	Error ellipse: s-maj=69.5km s-min=53.1km az=63.0.								
NEIC	Event type se. Error ellipse: s-maj=24.2km s-min=17.0km az=139.0.								
IDC	I	16 16 35 03.2-1.4	6.94S	147.25E	0	3.9,3.7			¶19482094
IDC	Error ellipse: s-maj=54.3km s-min=23.2km az=97.0.								
IDC	I	14 02 44 18.7-2.7	5.61S	147.64E	209-23	3.7,3.4			¶19481266
IDC	Error ellipse: s-maj=37.2km s-min=26.4km az=100.0.								
IDC	I	30 20 25 51.6-2.5	6.37S	147.69E	0	3.6,3.5b			¶19488060
IDC	Error ellipse: s-maj=89.2km s-min=28.1km az=89.0.								
ISC	I	10 23 16 22.0-9.7	6.4S-10	147.2E-20	35	3.9b	10	3-145	
IDC	I	10 23 16 16.8-1.2	6.41S	147.26E	0	4.0,3.9			¶19480112
ISC	I	10 23 16 20.4-9.6	6.4S-10	147.1E-20	33	3.9b,3.9			
NEIC	I	10 23 16 22.1-9.1	6.44S	147.15E	35	4.4b,3.9			
ISC	Event type se.								
ISC	Error ellipse: s-maj=56.0km s-min=17.1km az=91.0.								
ISC	Event type se. Error ellipse: s-maj=26.4km s-min=14.4km az=21.9.								
NEIC	Event type se. Error ellipse: s-maj=26.9km s-min=14.3km az=99.0.								
IDC	I	12 07 51 26.4-3.3	5.89S	147.57E	202-32	3.6,3.5			¶19480609
IDC	Error ellipse: s-maj=61.0km s-min=27.9km az=125.0.								
ISC	I	05 01 01 06.8-1.5	5.49S-07	146.78E-08	143-14	4.4b	38	4-154	
ISC	I	05 01 01 03.9-1.6	5.46S-07	146.72E-08	129-14	4.4b			¶19477725
NEIC	I	05 01 01 06.2-1.5	5.45S	146.80E	138-13	4.9b			
IDC	I	05 01 01 07.7-6.4	5.66S	146.78E	151-5	4.4,4.2			
ISC	Event type se.								
ISC	Error ellipse: s-maj=15.0km s-min=7.9km az=76.4.								
NEIC	Event type se. Error ellipse: s-maj=11.5km s-min=9.6km az=139.0.								
IDC	Error ellipse: s-maj=16.6km s-min=8.8km az=94.0.								
ISC	I	21 15 39 28.3-8.8	5.19S-04	145.43E-05	82-8	5.0b	185	5-155	
MOS	I	21 15 39 23.6-8.1	5.05S	145.32E	54	5.3b			¶18079004
CSEM	I	21 15 39 23.7	5.12S	145.51E	60	5.5b			
ISC	I	21 15 39 25.3-9.3	5.17S-04	145.36E-05	70-8	5.0b			
BJI	I	21 15 39 26.8	5.16S	145.62E	93	5.3b,4.8b			
HRVD	I	21 15 39 28.0-1.0	5.23S	145.28E	74-2	5.4W,4.8b			
IDC	I	21 15 39 28.1-5.0	5.11S	145.36E	79-4	5.0,4.7			
NEIC	I	21 15 39 28.0-2.1	5.15S	145.34E	81	5.4W,5.2b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=12.4km s-min=6.5km az=100.8.								
ISC	Event type se. Error ellipse: s-maj=8.3km s-min=5.9km az=146.3.								
ISC	Error ellipse: s-maj=1.1km s-min=1.0km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s75,c143; Mantle waves: s79,c168; Half duration: 1s3 Moment tensor: Scale 10 ¹⁷ Nm; Mrr=0.04±0.04 Mθθ=0.10±0.03; Mφφ=0.13±0.03; Mφφ=0.47±0.03; Mφφ=0.39±0.02; Best double couple: NP1:0.8,0.0000°; λ1:0.0000°; λ2:5.0000°; NP2:0.103,0.0000°; λ1:0.0000°; λ2:107.0000°; Principal axes: T 1.7060,Plg41.0000°; Azm209.0000°; N-0.0950,Plg17.0000°; Azm103.0000°; P-1.6110,Plg44.0000°; Azm357.0000°; M0:1.65800×10 ¹⁷								
IDC	Error ellipse: s-maj=18.2km s-min=10.6km az=69.0.								
NEIC	Event type se. Error ellipse: s-maj=7.3km s-min=4.6km az=79.0. Moment Tensor Solution. s9 Moment tensor: Scale 10 ¹⁷ Nm; Mrr=0.31 Mθθ=0.05 Mφφ=0.36 Mφφ=1.35 Mφφ=0.87 Mφφ=0.30 Best double couple: NP1:0.3,0.0000°; λ1:0.0000°; λ2:12.0000°; NP2:0.104,0.0000°; λ1:0.0000°; λ2:121.0000°; Principal axes: T 1.7200,Plg31.0000°; Azm219.0000°; N-0.1000,Plg31.0000°; Azm108.0000°; P-1.6200,Plg43.0000°; Azm344.0000°; M0:1.70000×10 ¹⁷								
ISC	V	26 03 48 57.1-4.6	6.4S-30	147.4E-20	82-27	3.6b	17	3-146	
ISC	V	26 03 48 56.0-4.6	6.4S-20	147.4E-20	88-27	3.6b			¶19132102
IDC	V	26 03 48 57.7-6.3	6.46S	147.45E	74-46	3.9,3.8			
NEIC	V	26 03 48 59.1-6.2	6.57S	147.35E	86-28	3.8b,3.8			
ISC	Event type se.								
ISC	Error ellipse: s-maj=46.5km s-min=24.9km az=70.4.								
IDC	Error ellipse: s-maj=49.3km s-min=38.8km az=36.0.								
NEIC	Event type se. Error ellipse: s-maj=67.7km s-min=21.4km az=204.0.								
ISC	V	01 17 05 29.5-8.1	5.49S-03	147.02E-05	192-8	4.5b	132	4-154	
ISC	V	01 17 05 26.6-9.2	5.40S-04	147.04E-05	179-9	4.6b			¶18338297
MOS	V	01 17 05 27.9-8.8	5.37S	146.99E	195	4.5b			
BJI	V	01 17 05 28.0	5.70S	147.04E	209	4.9b,4.5b			
NEIC	V	01 17 05 28.5-2.1	5.40S	147.01E	187	4.7b,4.5b			
IDC	V	01 17 05 28.4-5.3	5.49S	147.01E	186-4	5.2,4.8			
HRVD	V	01 17 05 28.5-1.0	5.49S	147.06E	202-1	5.3W,4.8			
ISC	Event type se.								
ISC	Error ellipse: s-maj=8.6km s-min=5.6km az=33.9.								
MOS	Error ellipse: s-maj=12.5km s-min=7.3km az=93.6.								
NEIC	Event type se. Error ellipse: s-maj=7.6km s-min=5.0km az=100.0.								
IDC	Error ellipse: s-maj=10.8km s-min=6.8km az=103.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.0km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s75,c108; Mantle waves: s98,c168; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; Mrr=0.29±0.02 Mθθ=0.39±0.02; Mφφ=0.10±0.02; Mφφ=0.22±0.01; Mφφ=0.87±0.01; Mφφ=0.52±0.02; Best double couple: NP1:0.267,0.0000°; λ1:21.0000°; λ2:121.0000°; NP2:0.167,0.0000°; λ1:0.0000°; λ2:150.0000°; Principal axes: T 1.1270,Plg33.0000°; Azm125.0000°; N-0.0620,Plg56.0000°; Azm319.0000°; P-1.0650,Plg6.0000°; Azm219.0000°; M0:1.09600×10 ¹⁷								
IDC	V	20 02 27 18.1-1.5	5.50S	145.63E	0	4.0,3.8			¶19599196
IDC	Error ellipse: s-maj=59.2km s-min=26.8km az=107.0.								
IDC	VI	22 14 23 11.7-8.2	5.71S	146.36E	55-64	3.5,3.4			¶19600312
IDC	Error ellipse: s-maj=80.6km s-min=49.9km az=58.0.								
IDC	VI	22 19 02 28.1-2.9	6.41S	147.27E	0	3.6,3.5			¶19600318
IDC	Error ellipse: s-maj=60.0km s-min=32.3km az=89.0.								
ISC	VI	25 03 30 08.4-9.9	5.62S-10	146.83E-07	116-10	4.6b	72	4-154	
ISC	VI	25 03 30 04.5-1.1	5.52S-04	146.87E-07	96-10	4.6b			¶18505435
IDC	VI	25 03 30 06.5-1.7	5.64S	146.77E	97-16	4.7,4.4			
BJI	VI	25 03 30 07.0	4.91S	146.84E	86	5.0b,4.9b			
NEIC	VI	25 03 30 07.7-1.1	5.59S	146.83E	109-10	4.6b,4.9b			
ISC	Event type se.								
ISC	Error ellipse: s-maj=11.7km s-min=5.8km az=25.5.								
IDC	Error ellipse: s-maj=15.7km s-min=8.4km az=97.0.								
NEIC	Event type se. Error ellipse: s-maj=9.0km s-min=6.0km az=82.0.								
ISC	VI	26 22 14 52.7-2.3	5.8S-10	145.9E-10	80-25	3.6b	17	4-87	
ISC	VI	26 22 14 51.0-3.2	5.8S-10	145.8E-10	78-33	3.6b			¶19222674
IDC	VI	26 22 14 51.6-3.8	5.83S	145.75E	69-51	3.9,3.8L			
NEIC	VI	26 22 14 52.5-2.8	5.78S	145.81E	81-30	4.4b,3.8L			
ISC	Event type se.								
ISC	Error ellipse: s-maj=27.1km s-min=16.0km az=107.7.								
IDC	Error ellipse: s-maj=58.1km s-min=27.5km az=75.0.								
NEIC	Event type se. Error ellipse: s-maj=26.6km s-min=11.8km az=138.0.								

IDC	VI	26 06 55 31.7-3.0	5.95S	147.08E	0	3.8,3.6b			¶19600460
IDC	Error ellipse: s-maj=61.6km s-min=33.2km az=85.0.								
ISC	VI	02 01 46 58.0-1.5	5.70S-07	146.29E-07	94-15	4.2b	44	4-155	
ISC	VI	02 01 46 55.3-1.6	5.62S-06	146.28E-07	83-16	4.2b			¶19221304
NEIC	VI	02 01 46 57.9-1.6	5.57S	146.25E	92-15	4.4b			
IDC	VI	02 01 46 57.1-2.8	5.57S	146.30E	84-25	4.5,4.3			
ISC	Event type se.								
ISC	Error ellipse: s-maj=13.2km s-min=8.8km az=74.3.								
NEIC	Event type se. Error ellipse: s-maj=11.0km s-min=10.2km az=165.0.								
IDC	Error ellipse: s-maj=22.8km s-min=13.1km az=103.0.								
ISC	VI	29 01 21 48.0-1.5	6.08S-07	146.95E-10	83-14	4.2b	38	3-154	
ISC	VI	29 01 21 47.4-1.6	6.10S-06	146.85E-09	89-14	4.2b			¶19222823
IDC	VI	29 01 21 47.8-2.3	6.09S	146.85E	77-21	4.3,4.2			
NEIC	VI	29 01 21 49.7-1.4	6.04S	146.83E	96-12	4.5b,4.2			
ISC	Event type se.								
ISC	Error ellipse: s-maj=14.9km s-min=10.4km az=26.0.								
IDC	Error ellipse: s-maj=27.6km s-min=13.2km az=100.0.								
NEIC	Event type se. Error ellipse: s-maj=11.3km s-min=8.1km az=75.0.								

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ISC	IV	09 06 58 16.3-7.8	11.1N-10	141.2E-20	35	3.8b	13	32-92	
IDC	IV	09 06 58 11.1-8.8	11.09N	141.25E	0	3.9,3.7b			¶19594512
ISC	IV	09 06 58 14.2-7.8	11.1N-10	141.0E-20	33	3.8b,3.7b			
NEIC	IV	09 06 58 16.2-7.7	11.10N	141.11E	35	4.0b,3.7b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=43.4km s-min=20.7km az=99.0.								
ISC	Event type se. Error ellipse: s-maj=35.1km s-min=17.0km az=5.4.								
NEIC	Event type se. Error ellipse: s-maj=34.9km s-min=17.2km az=92.0.								
IDC	III	09 05 03 06.1-1.5	11.31N	138.81E	0	3.6,3.5			¶10600065
IDC	Error ellipse: s-maj=70.5km s-min=30.8km az=85.0.								
IDC	III	16 08 59 35.3-1.4	11.43N	140.76E	0	3.9,3.7b			¶10604680
IDC	Error ellipse: s-maj=91.3km s-min=33.1km az=97.0.								
IDC	III	07 07 46 13.3-5.8	11.97N	140.03E	0	3.8,3.7b			¶10598886
IDC	Error ellipse: s-maj=26.16km s-min=25.1km az=78.0.								
ISC	III	19 17 52 55.6-5.2	10.97N-08	141.25E-09	44	4.3b			

NEIC	Event type se. Error ellipse: s-maj=165.0km s-min=14.9km az=79.0.										IDC	IV	01 12 09 38.0-1.7	12.40N	143.67E	0	3.7,3.4b		
IDC	Error ellipse: s-maj=176.3km s-min=24.9km az=67.0.										IDC	IV	27 16 36 49.8-2.9	11.46N	144.95E	48-30	3.6L,3.6	¶9593996	
IDC	V	31 18 02 06.5-1.3	11.06N	139.01E	0	3.8,3.6b	¶9599630												
IDC	Error ellipse: s-maj=60.6km s-min=23.5km az=89.0.										IDC	IV	06 08 41 48.2-2.7	11.54N-08	141.2E-20	54-26	4.1b	15	4-151
ISC	V	06 08 41 42.2-6.0	11.50N-09	141.1E-10	19-43	4.1b	¶9130895												
ISCJB	V	06 08 41 46.0-7.0	11.59N	141.28E	33-53	4.3L,4.1													
IDC	V	06 08 41 48.7-2.8	11.53N	141.40E	60-29	4.3b,4.1													
NEIC	Event type se. Error ellipse: s-maj=20.1km s-min=11.4km az=69.5.										IDC	IV	02 03 56 35.7-2.0	11.72N	142.04E	131-194	3.5,3.3	¶9594087	
ISC	Error ellipse: s-maj=27.3km s-min=16.6km az=93.0.										IDC	IV	03 20 59 48.1-99	12.42N	143.85E	0	3.7,3.5b	¶9594203	
ISCJB	Event type se. Error ellipse: s-maj=29.0km s-min=11.6km az=88.0.										IDC	IV	03 21 39 07.3-1.6	11.98N	142.73E	0	3.8,3.6b	¶9594205	
NEIC	I	26 01 07 49.5-5.5	8.15N	137.91E	0	3.8,3.6b	¶9486109												
IDC	Error ellipse: s-maj=154.5km s-min=57.2km az=5.0.										IDC	IV	04 07 32 46.8-3.1	11.5N-20	142.8E-30	82-31	3.3b	6	3-86
ISC	I	07 10 40 48.7-3.5	11.1N-20	140.0E-20	95-34	3.6b	9	5-91											
ISCJB	I	07 10 40 46.4-3.9	11.1N-20	140.0E-20	90-37	3.6b	¶9478561												
IDC	I	07 10 40 47.9-3.3	11.13N	139.96E	88-32	3.6b													
NEIC	I	07 10 40 48.2-4.4	11.13N	140.00E	92-41	3.9,3.7													
IDC	Event type se. Error ellipse: s-maj=41.2km s-min=23.3km az=59.8.										IDC	IV	05 07 28 36.8-4.5	11.68N	143.06E	0	3.8L,3.8	¶9594286	
ISC	Error ellipse: s-maj=41.9km s-min=20.9km az=103.0.										IDC	IV	05 09 58 34.6-1.1	10.97N	142.77E	0	3.8,3.7	¶9594293	
ISCJB	I	21 21 57 47.4-3.6	10.7N-10	139.9E-20	56-36	3.7b	9	6-88											
IDC	I	21 21 57 49.9-1.2	10.71N	139.76E	0	4.3L,3.9	¶9484646												
ISCJB	I	21 21 57 54.3-4.1	10.7N-10	139.9E-20	45-40	3.7b,3.9													
NEIC	I	21 21 57 55.2-6.2	10.72N	139.78E	35	4.0b,3.9													
ISC	Event type se. Error ellipse: s-maj=40.9km s-min=29.1km az=115.0.										IDC	IV	06 07 27 12.2-1.5	11.10N	142.70E	0	3.8,3.6	¶9594356	
ISCJB	Error ellipse: s-maj=34.1km s-min=15.6km az=30.6.										IDC	III	17 16 03 01.3-2.3	12.3N-10	144.1E-20	47-22	3.8b	14	1-92
NEIC	Event type se. Error ellipse: s-maj=19.3km s-min=11.3km az=102.0.										ISCJB	III	17 16 02 59.0-2.4	12.3N-10	143.9E-20	40-23	3.8b	¶10605478	
IDC	I	03 02 24 23.1-1.5	7.74N	141.85E	0	3.7,3.5b	¶9476936												
IDC	Error ellipse: s-maj=66.0km s-min=31.1km az=90.0.										IDC	III	17 16 03 00.2-6.2	12.34N	144.01E	35	4.3b		
IDC	I	30 18 00 08.5-1.5	10.59N	141.39E	0	3.7,3.5b	¶9488021												
IDC	Error ellipse: s-maj=59.9km s-min=31.1km az=87.0.										IDC	III	17 16 03 01.1-2.8	12.31N	144.06E	42-26	3.7,3.7		
ISC	I	11 16 31 57.4-3.6	8.34N-05	137.84E-05	35	4.7b,4.2s	95	9-153											
BJI	I	11 16 31 52.8	8.07N	138.18E	37	5.1b,4.6s	¶8035836												
IDC	I	11 16 31 52.2-5.4	8.39N	137.68E	0	4.9L,4.5													
NEIC	I	11 16 31 54.2-5.0	8.31N	137.64E	15-31	4.7b,4.5													
ISCJB	I	11 16 31 55.7-3.4	8.45N-05	137.87E-04	33	4.7b,4.2s													
MOS	I	11 16 31 55.8-1.1	8.49N	137.70E	32	5.1b,4.2s													
ISC	Event type se. Error ellipse: s-maj=22.5km s-min=13.7km az=80.0.										ISC	III	16 07 10 43.5-1.5	12.7N-10	143.8E-20	100-17	3.8b	14	1-88
IDC	Error ellipse: s-maj=11.1km s-min=7.8km az=85.0.										ISCJB	III	16 07 10 41.6-1.6	12.7N-10	143.8E-20	98-17	3.8b	¶10604645	
ISCJB	Event type se. Error ellipse: s-maj=6.8km s-min=6.0km az=110.7.										IDC	III	16 07 10 43.5-1.5	12.66N	143.98E	103-16	3.8,3.7		
MOS	Error ellipse: s-maj=15.2km s-min=8.0km az=101.6.										NEIC	III	16 07 10 43.3-1.4	12.66N	143.96E	101-15	4.6b,3.7		
IDC	I	14 00 01 00.9-2.6	11.02N-08	141.5E-10	38-27	3.9b	15	4-151											
ISC	I	14 00 00 55.7-7.2	11.08N	141.53E	0	4.2L,4.1	¶9481234												
NEIC	I	14 00 00 57.6-8.4	11.00N	141.46E	13-53	4.5b,4.1													
ISCJB	I	14 00 00 58.1-5.8	10.99N-08	141.5E-10	31-42	3.9b,4.1													
ISC	Event type se. Error ellipse: s-maj=26.2km s-min=15.2km az=100.0.										ISC	III	17 08 12 37.7-1.2	12.99N-10	143.3E-20	210-13	3.8b	20	2-149
ISCJB	Error ellipse: s-maj=9.3km s-min=6.9km az=72.7.										ISCJB	III	17 08 12 39.3-1.1	13.03N-10	143.4E-20	211-12	3.8b	¶10605224	
MOS	Error ellipse: s-maj=17.5km s-min=10.2km az=94.8.										NEIC	III	17 08 12 37.7-1.2	12.99N-10	143.3E-20	210-13	3.8b		
NEIC	Event type se. Error ellipse: s-maj=15.2km s-min=7.1km az=96.0.										ISC	III	17 08 12 39.3-1.1	13.00N	143.38E	212-11	4.1b		
ISC	V	25 00 57 35.1-3.9	10.92N-06	141.31E-09	35	4.3b,3.6s	42	4-151											
IDC	V	25 00 57 29.8-6.7	10.94N	141.16E	0	4.5L,4.3	¶8854845												
ISCJB	V	25 00 57 32.9-3.6	10.88N-05	141.19E-06	33	4.3b,3.6s													
MOS	V	25 00 57 32.5-1.1	10.94N	141.23E	33	4.7b,3.6s													
NEIC	V	25 00 57 33.2-3.9	10.92N	141.18E	22-28	4.5b,3.6s													
ISC	Event type se. Error ellipse: s-maj=26.2km s-min=15.2km az=100.0.										ISC	III	17 08 12 39.2-1.0	13.00N	143.45E	211-10	4.2,3.9		
ISCJB	Error ellipse: s-maj=9.3km s-min=6.9km az=72.7.										ISCJB	III	17 08 12 39.2-1.0	13.00N	143.45E	211-10	4.2,3.9		
MOS	Error ellipse: s-maj=17.5km s-min=10.2km az=94.8.										ISC	III	17 16 27 04.8-6.2	11.7N-10	143.1E-20	23-44	3.8b	16	3-89
NEIC	Event type se. Error ellipse: s-maj=15.2km s-min=7.1km az=96.0.										IDC	III	17 16 27 01.1-8.6	11.70N	143.10E	0	4.1L,4.1	¶10605488	
ISC	V	25 23 10 35.4-5.5	10.96N-09	141.3E-10	43	4.0b	14	4-151											
ISCJB	V	25 23 10 33.1-5.5	10.92N-09	141.3E-10	41	4.0b	¶9132052												
IDC	V	25 23 10 34.9-7.9	10.97N	141.33E	39-6	4.1L,4.0													
NEIC	V	25 23 10 35.1-5.0	10.96N	141.25E	42	4.3b,4.0													
ISC	Event type se. Error ellipse: s-maj=16.6km s-min=12.7km az=166.6.										ISC	III	17 16 27 02.5-5.7	11.71N	143.10E	10	4.1b,4.1		
ISCJB	Error ellipse: s-maj=26.6km s-min=18.9km az=93.0.										ISCJB	III	17 16 27 02.6-5.8	11.7N-10	143.1E-20	21-42	3.8b,4.1		
MOS	Error ellipse: s-maj=16.1km s-min=12.1km az=86.0.										NEIC	III	17 16 27 02.5-5.7	11.71N	143.10E	10	4.1b,4.1		
NEIC	V	25 23 26 05.2-7.8	11.5N-10	141.3E-30	43	4.1b	9	32-151											
ISCJB	V	25 23 26 03.0-7.9	11.4N-10	141.2E-30	41	4.1b	¶9132068												
NEIC	V	25 23 26 04.8-6.4	11.46N	141.30E	41	4.3b													
IDC	V	25 23 26 04.9-2.1	11.42N	141.29E	41-7	4.0,4.0													
ISC	Event type se. Error ellipse: s-maj=36.4km s-min=16.4km az=1.3.										ISC	III	19 22 10 35.2-1.4	13.79N	146.57E	0	3.9,3.8s	¶10606818	
NEIC	Error ellipse: s-maj=30.5km s-min=15.0km az=91.0.										ISCJB	III	19 22 10 39.4-3.9	13.7N-20	146.6E-20	46-31	3.8b,3.7s		
IDC	Error ellipse: s-maj=64.3km s-min=34.6km az=11.0.										NEIC	III	19 22 10 40.5-7.7	13.75N	146.54E	35	3.9b,3.7s		
ISC	V	26 02 57 59.3-2.5	10.87N-08	141.3E-20	43-24	4.1b,3.4s	19	4-151											
ISCJB	V	26 02 57 54.6-5.9	10.82N-08	141.3E-20	21-43	4.1b,3.4s	¶9132100												
NEIC	V	26 02 57 58.8-3.7	10.84N	141.32E	39	4.2b,3.4s													
IDC	V	26 02 57 59.2-6.3	10.88N	141.30E	38-5	4.2L,4.0													
ISC	Event type se. Error ellipse: s-maj=25.3km s-min=13.9km az=10.8.										ISC	III	21 03 52 07.1-1.9	12.3N-10	144.3E-20	52-18	4.1b,3.3s	17	1-144
ISCJB	Error ellipse: s-maj=12.5km s-min=8.9km az=94.0.										ISCJB	III	21 03 52 04.9-2.1	12.3N-10	144.2E-20	47-19	4.1b,3.3s	¶10607643	
NEIC	Error ellipse: s-maj=23.5km s-min=15.0km az=86.0.										NEIC	III	21 03 52 05.1-6.0	12.28N	144.30E	35	4.4b,3.3s		
ISC	IV	16 18 26 48.2-7.3	12.07N-10	140.5E-20	35	4.0b,3.6s	16	19-152											
IDC	IV	16 18 26 43.1-7.2	12.07N	140.44E	0	3.9,3.8	¶9595035												
NEIC	IV	16 18 26 44.5-4.5	12.07N	140.46E	10	4.6b,3.8													
ISCJB	IV	16 18 26 46.2-7.3	12.03N-10	140.3E-20	33	4.0b,3.6s													
ISC	Event type se. Error ellipse: s-maj=36.4km s-min=16.4km az=1.3.										ISC	III	21 12 28 41.4-1.1	12.29N-04	142.17E-08	128-12	4.2b	58	3-150
NEIC	Error ellipse: s-maj=30.5km s-min=15.0km az=91.0.										ISCJB	III	21 12 28 33.1	11.67N	142.55E	121	4.8b,4.5b	¶10607822	
IDC	Error ellipse: s-maj=64.3km s-min=34.6km az=11.0.										BJI	III	21 12 28 39.4-1.2	12.27N-05	142.11E-09	125-13	4.4b,4.5b		
ISC	IV	04 08 18 26.0-6.4	9.36N-08	141.4E-10	35	3.9b,3.6s	11	5-145											
IDC	IV	04 08 18 20.8-7.8	9.39N	141.27E	0	4.2,4.0	¶9594228												
ISCJB	IV	04 08 18 23.7-6.5	9.37N-08	141.5E-10	33	3.9b,3.6s													
(210) South of Mariana Islands.																			
ISC	IV	11 14 18 15.2-1.6	12.95N-09	145.1E-30	54-13	4.0b	15	1-148											
ISCJB	IV	11 14 18 14.1-1.3	12.91N-09	145.0E-30	60-11	4.0b	¶9594652												
IDC	IV	11 14 18 15.0-1.2	12.97N	144.86E	47-10	3.9,3.9													
NEIC	IV	11 14 18 15.4-1.4	12.93N	144.86E	52-13	4.9b,3.9													
ISC	Event type se. Error ellipse: s-maj=46.5km s-min=14.9km az=7.5.										ISC	III	22 05 11 39.5-1.5	11.27N-06	142.68E-09	48-15	4.5b,3.8s	60	3-150
ISCJB	Error ellipse: s-maj=37.7km s-min=15.2km az=97.0.										IDC	III	22 05 11 32.9-6.6	11.32N	142.54E	0	4.5,4.5L	¶10608240	
NEIC	Error ellipse: s-maj=32.4km s-min=11.8km az=96.0.										BJI	III	22 05 11 33.7	10.82N	142.92E	50	5.0b,4.7s		
IDC	IV	13 10 45 43.1-1.6	12.86N	143.93E	180-35	4.0,3.7	¶9594803												
IDC	Error ellipse: s-maj=93.2km s-min=15.3km az=83.0.										MOS	III							

BJI	I	24 07 49 22.9	11.12N	143.99E	27	5.3b,5.0b			
ISCJB	I	24 07 49 22.7-20	10.90N-03	143.94E-03	33	5.3b,4.5s			
NEIC	I	24 07 49 24.3-15	10.91N	143.94E	33	5.3b,4.6s			
HRVD	I	24 07 49 24.3-20	10.81N	143.89E	12	5.2W,4.6s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=15.7km s-min=13.1km az=75.0.								
MOS	Error ellipse: s-maj=10.8km s-min=5.8km az=106.2.								
ISCJB	Event type se. Error ellipse: s-maj=4.8km s-min=4.4km az=7.5.								
NEIC	Event type se. Error ellipse: s-maj=4.7km s-min=4.2km az=93.0. Felt [III] on Guam.								
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
LP body waves: s43,c70; Mantle waves: s74,c122; Half duration: 1s0 Moment tensor: Scale 1017Nm; Mr=3.63±2.1 Mw=6.33±1.4; Mww=2.70±2.2; Mw=2.63±.45; Mw=1.83±.17; Mw=2.18±.60; Best double couple: NP1:φ=44.00000°,δ47.00000°,λ=148.00000°. NP2:φ=291.00000°,δ67.00000°,λ=48.00000°. Principal axes: T 7.1510,Plg12.0000°,Az=352.0000°; N -0.9420,Plg38.0000°,Az=92.0000°; P -6.2090,Plg49.0000°,Az=248.0000°; M6.68000×1016									
ISC	I	29 23 48 15.7-58	11.03N-08	142.90E-09	35	4.5b,3.7s	29	3-149	
IDC	I	29 23 48 10.4-92	11.04N	142.78E	0	4.4,4.3L		18079555	
ISCJB	I	29 23 48 13.2-58	11.00N-08	142.87E-09	33	4.5b,3.7s			
NEIC	I	29 23 48 15.0-50	11.07N	142.97E	35	4.5b,3.7s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=27.5km s-min=20.8km az=131.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.8km s-min=8.8km az=75.4.								
NEIC	Event type se. Error ellipse: s-maj=12.3km s-min=9.7km az=100.0.								
ISC	I	02 01 01 25.0-16	12.39N-03	144.42E-02	37	5.6b,5.2s	433	1-168	
IDC	I	02 01 01 22.8-1.6	12.43N	144.36E	23-9	5.2,5.2		17997735	
MOS	I	02 01 01 22.4-1.2	12.36N	144.28E	33	5.8b,5.3s			
ISCJB	I	02 01 01 23.0-1.6	12.37N-03	144.36E-02	35	5.6b,5.2s			
BJI	I	02 01 01 23.1	12.52N	144.65E	44	5.4s,5.4b			
NEIC	I	02 01 01 24.4-15	12.36N	144.31E	35	5.7b,5.7W			
HRVD	I	02 01 01 24.4-30	12.32N	144.53E	20-1	5.2W,5.7W			
ISC	Event type se.								
IDC	Error ellipse: s-maj=12.6km s-min=11.5km az=105.0.								
MOS	Error ellipse: s-maj=8.7km s-min=5.1km az=98.7.								
ISCJB	Event type se. Error ellipse: s-maj=4.2km s-min=3.2km az=150.0.								
NEIC	Event type se. Error ellipse: s-maj=5.6km s-min=4.5km az=122.0. Felt [III] at Barrigada. Also felt at Santa Rita, Tamuning and Yigo. Felt on Saipan, Northern Mariana Islands. Moment Tensor Solution. s6 Moment tensor: Scale 1017Nm; Mr=0.67 Mw=1.61 Mw=2.29 Mw=1.81 Mw=0.77 Mw=3.02 Best double couple: NP1:φ=128.00000°,δ30.00000°,λ=169.00000°. NP2:φ=29.00000°,δ84.00000°,λ=60.00000°. Principal axes: T 4.1900,Plg33.0000°,Az=94.0000°; N -0.9000,Plg30.0000°,Az=206.0000°; P -4.0900,Plg43.0000°,Az=327.0000°; M4.10000×1017								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
LP body waves: s43,c62; Mantle waves: s72,c122; Half duration: 1s0 Moment tensor: Scale 1017Nm; Mr=0.32±0.3 Mw=0.37±0.3; Mww=0.68±0.3; Mw=0.08±0.5; Mw=0.52±0.2; Mw=0.34±0.6; Best double couple: NP1:φ=65.00000°,δ59.00000°,λ=166.00000°. NP2:φ=163.00000°,δ78.00000°,λ=32.00000°. Principal axes: T 0.7060,Plg31.0000°,Az=28.0000°; N 0.2620,Plg56.0000°,Az=181.0000°; P -0.9690,Plg13.0000°,Az=291.0000°; M0.83700×1017									
ISC	I	30 00 05 16.9-68	10.95N-09	142.85E-10	35	4.3b	22	3-90	
IDC	I	30 00 05 21.4-1.1	10.96N	142.77E	0	4.3L,4.3		19487755	
ISCJB	I	30 00 05 19.5-69	10.93N-09	142.81E-09	33	4.3b,4.3			
NEIC	I	30 00 05 20.2-3.8	10.93N	142.77E	24-28	4.6b,4.3			
ISC	Event type se.								
IDC	Error ellipse: s-maj=30.5km s-min=26.6km az=119.0.								
ISCJB	Event type se. Error ellipse: s-maj=16.4km s-min=8.9km az=88.4.								
NEIC	Event type se. Error ellipse: s-maj=12.3km s-min=9.9km az=105.0.								
ISC	V	28 13 09 17.9-2.9	12.6N-10	142.6E-40	161-32	3.7b	12	2-91	
ISCJB	V	28 13 09 18.5-3.0	12.5N-10	142.6E-40	163-32	3.7b		19132223	
IDC	V	28 13 09 18.1-4.4	12.55N	142.54E	151-42	3.8,3.6			
NEIC	V	28 13 09 18.6-2.6	12.53N	142.56E	158-28	4.4b,3.6			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=59.8km s-min=18.9km az=18.8.								
IDC	Error ellipse: s-maj=69.8km s-min=16.1km az=107.0.								
NEIC	Event type se. Error ellipse: s-maj=51.7km s-min=15.0km az=97.0.								
ISC	V	31 03 52 30.9-85	12.1N-10	143.6E-10	35	3.2b	17	2-92	
IDC	V	31 03 52 25.4-1.1	12.14N	143.64E	0	4.2,3.9b		19132371	
ISCJB	V	31 03 52 28.9-85	12.1N-10	143.6E-10	33	3.9b,3.9b			
NEIC	V	31 03 52 28.4-7.0	12.13N	143.68E	18-43	4.1b,3.9b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=38.2km s-min=22.7km az=126.0.								
ISCJB	Event type se. Error ellipse: s-maj=24.4km s-min=10.2km az=92.5.								
NEIC	Event type se. Error ellipse: s-maj=22.1km s-min=15.8km az=111.0.								
IDC	VI	20 07 32 31.6-2.1	10.33N	144.34E	0	4.1L,4.0		19600218	
ISC	Event type se.								
IDC	Error ellipse: s-maj=95.1km s-min=23.3km az=93.0.								
ISC	VI	26 00 43 35.3-2.7	12.5N-20	142.9E-30	137-28	3.9b	22	2-91	
ISCJB	VI	26 00 43 34.4-2.5	12.9N-10	142.4E-20	110-25	4.0b		19222641	
NEIC	VI	26 00 43 34.6-2.0	12.47N	142.81E	130-21	3.9b			
IDC	VI	26 00 43 35.8-3.4	12.97N	142.59E	108-34	4.1,3.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=30.6km s-min=18.9km az=171.4.								
NEIC	Event type se. Error ellipse: s-maj=32.2km s-min=15.6km az=74.0.								
IDC	Error ellipse: s-maj=41.1km s-min=24.9km az=69.0.								
IDC	VI	27 09 24 55.2-4.1	12.75N	145.32E	73-54	3.8,3.7		19600521	
ISC	Event type se.								
IDC	Error ellipse: s-maj=97.9km s-min=36.8km az=110.0.								
ISC	VI	02 09 53 12.0-7.7	11.5N-10	143.5E-20	35	3.7b	11	3-89	
IDC	VI	02 09 53 06.6-1.0	11.47N	143.45E	0	3.8L,3.8		19221317	
NEIC	VI	02 09 53 08.1-9.0	11.46N	143.37E	9-58	4.7b,3.8			
ISCJB	VI	02 09 53 09.5-7.7	11.5N-10	143.4E-20	33	3.7b,3.8			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
IDC	VI	28 17 05 15.8-5.3	13.74N	143.33E	126-80	3.4,3.3		19600546	
ISC	Event type se.								
IDC	Error ellipse: s-maj=108.4km s-min=24.6km az=82.0.								
ISC	VI	28 21 18 18.5-7.1	12.2N-10	144.5E-30	16-45	3.8b	9	1-84	
IDC	VI	28 21 18 16.0-1.2	12.21N	144.53E	0	4.0,3.8b		19222808	
ISCJB	VI	28 21 18 19.1-6.3	12.2N-10	144.4E-30	32-47	3.8b,3.8b			
NEIC	VI	28 21 18 20.6-5.7	12.23N	144.54E	32-43	4.2b,3.8b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=46.7km s-min=16.4km az=100.0.								
ISCJB	Event type se. Error ellipse: s-maj=44.1km s-min=13.3km az=34.4.								
NEIC	Event type se. Error ellipse: s-maj=38.3km s-min=13.4km az=94.0.								
ISC	IV	29 13 07 17.6-2.2	12.4N-10	142.1E-20	97-24	4.0b	12	3-90	
ISCJB	IV	29 13 07 16.6-2.1	12.4N-10	142.2E-20	104-23	4.0b		19598198	
IDC	IV	29 13 07 16.3-6.4	12.52N	142.06E	88-54	3.9L,3.9			
NEIC	IV	29 13 07 17.6-1.7	12.44N	142.13E	98-18	4.6b,3.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=29.0km s-min=18.5km az=37.2.								
IDC	Error ellipse: s-maj=80.6km s-min=17.5km az=120.0.								
NEIC	Event type se. Error ellipse: s-maj=22.9km s-min=12.7km az=106.0.								
ISC	IV	04 10 19 48.8-3.4	11.03N-05	142.81E-06	34	4.6b,3.7s	73	3-150	
IDC	IV	04 10 19 43.7-5.5	11.00N	142.75E	0	4.5,4.5L		18228765	
BJI	IV	04 10 19 45.9	11.28N	142.58E	13	5.0b,4.8s			
ISCJB	IV	04 10 19 46.4-3.4	11.00N-05	142.75E-06	32	4.6b,3.7s			
MOS	IV	04 10 19 46.8-8.6	10.98N	142.66E	33	4.8b,3.7s			
NEIC	IV	04 10 19 48.6-2.4	10.98N	142.74E	32	4.6b,3.7s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=22.5km s-min=13.3km az=85.0.								
ISCJB	Event type se. Error ellipse: s-maj=8.1km s-min=6.6km az=23.4.								
MOS	Error ellipse: s-maj=14.9km s-min=8.7km az=97.5.								
NEIC	Event type se. Error ellipse: s-maj=7.6km s-min=5.6km az=84.0.								

ISC	IV	09 16 27 26.7-34	32.15N-04	138.69E-05	296-2	4.2b	152	1-151	
NIED	IV	09 16 27 00	32.30N	138.90E	290	4.3W		18320228	
ISCJB	IV	09 16 27 25.7-34	32.12N-04	138.70E-04	302-2	4.2b			
BJI	IV	09 16 27 25.7	32.35N	138.90E	313	4.5b,4.5b			
MOS	IV	09 16 27 25.4-97	32.13N	138.65E	298	4.4b,4.5b			
NEIC	IV	09 16 27 26.6-59	32.07N	138.54E	290-5	4.5b,4.3W			
JMA	IV	09 16 27 26.6-20	32.27N	138.86E	308	4.4,4.3W			
IDC	IV	09 16 27 26.3-54	32.11N	138.60E	288-5	4.5,3.9			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=63.00000°,δ68.00000°,λ=153.00000°. NP2:φ=322.00000°,δ65.00000°,λ=25.00000°. M3.56000×1015								
ISCJB	Event type se. Error ellipse: s-maj=6.6km s-min=5.8km az=56.4.								
MOS	Error ellipse: s-maj=13.3km s-min=5.9km az=108.5.								
NEIC	Event type se. Error ellipse: s-maj=6.9km s-min=5.8km az=94.0. Moment Tensor Solution. M3.60000×1015								
JMA	Error ellipse: s-maj=4.4km s-min=2.8km az=1.0.								
IDC	Error ellipse: s-maj=13.6km s-min=8.1km az=82.0.								
ISC	IV	16 11 48 57.7-22	30.32N-02	138.60E-02	436-1	5.2b	926	3-155	
ORF	IV	16 11 47 55.9	27.67N	142.08E	30	5.6b		18320638	
NIED	IV	16 11 48 00	30.20N	139.00E	440	5.7W			
SZGRF	IV	16 11 48 10.0	30.05N	139.46E	456	5.3b			
BGS	IV	16 11 48 45.3	27.58N	138.68E	430	5.2b			
BJI	IV	16 11 48 54.9	30.26N	138.56E	419	5.8b,5.6b			
MOS	IV	16 11 48 54.9-78	30.25N	138.56E	418	5.4b,4.6s			
JMA	IV	16 11 48 54.4-30	30.24N	139.03E	454-4	5.7,4.6s			
IDC	IV	16 11 48 55.7-46	30.23N	138.57E	419-4	5.7,5.0			
NEIC	IV	16 11 48 57.0-10	30.24N	138.57E	432	5.7W,5.7W			
ISCJB	IV	16 11 48 56.4-21	30.28N-02	138.59E-02	434-1	5.2b,5.7W			
HRVD	IV	16 11 48 57.0-20	30.29N	138.60E	424-1	5.7W,5.7W			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=329.00000°,δ83.00000°,λ=51.00000°. NP2:φ=68.00000°,δ40.00000°,λ=168.00000°. M4.52000×1017								
SZGRF	Southeast of Honshu, Japan.								
MOS	Error ellipse: s-maj=7.4km s-min=3.7km az=108.3.								
JMA	Event type se. Error ellipse: s-maj=2.2km s-min=3.8km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=54.00000°,δ53.00000°,λ=178.00000°. NP2:φ=323.00000°,δ88.00000°,λ=37.00000°. Principal axes: T Plg24.0000°,Az=15.0000°; N Plg52.0000°,Az=140.0000°; P Plg27.0000°,Az=272.0000°								
IDC	Error ellipse: s-maj=8.8km s-min=5.6km az=80.0.</								

ISCJB	Event type se. Error ellipse: s-maj=5.2km s-min=4.4km az=20.9.								
IDC	Error ellipse: s-maj=14.3km s-min=7.5km az=79.0.								
IDC	IV 24 20 59 44.5-4.2 29.77N 141.64E	0	3.5,3.4L						
IDC	Error ellipse: s-maj=159.8km s-min=22.4km az=71.0.								
ISC	IV 16 08 00 14.9-57 32.28N-04 141.97E-07	10	3.7b	33	2-79				
ISCJB	IV 16 08 00 13.2-60 32.28N-04 142.02E-07	10	3.7b						
IDC	IV 16 08 00 13.6-84 32.27N 141.91E	0	3.9,3.8						
JMA	IV 16 08 00 14.0-40 32.26N 141.99E	16	3.8,3.8						
NEIC	IV 16 08 00 14.0 32.26N 141.99E	16	3.8,3.8						
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=9.3km s-min=5.2km az=121.9.								
IDC	Error ellipse: s-maj=24.4km s-min=16.5km az=74.0.								
JMA	Error ellipse: s-maj=3.3km s-min=2.8km az=-1.0.								
NEIC	Event type se. After JMA.								
ISC	IV 19 07 22 38.4-26 32.42N-03 141.54E-04	44	4.6b,4.0s	170	2-154				
NIED	IV 19 07 22 00 32.50N 141.80E	5	4.5W,4.0s						
IDC	IV 19 07 22 31.8-55 32.39N 141.71E	0	4.4,4.4L						
JMA	IV 19 07 22 32.0-60 32.52N 141.81E	0	4.5,4.4L						
MOS	IV 19 07 22 35.8-1.1 32.44N 141.56E	35	4.9b,4.4L						
BJI	IV 19 07 22 36.6 32.54N 141.71E	55	4.8b,4.6b						
ISCJB	IV 19 07 22 36.4-25 32.40N-03 141.56E-03	42	4.6b,4.0s						
NEIC	IV 19 07 22 38.3-20 32.42N 141.54E	42	4.7b,4.5W						
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:7.00000°,δ62.00000°,λ85.00000°. NP2:φ:198.00000°,δ29.00000°,λ100.00000°. M:6.55000×10 ¹⁵								
IDC	Error ellipse: s-maj=16.1km s-min=13.7km az=80.0.								
JMA	Error ellipse: s-maj=3.3km s-min=3.8km az=-1.0.								
MOS	Error ellipse: s-maj=13.1km s-min=5.9km az=111.0.								
ISCJB	Event type se. Error ellipse: s-maj=4.7km s-min=3.7km az=87.6.								
NEIC	Event type se. Error ellipse: s-maj=5.9km s-min=5.1km az=60.0. Moment Tensor Solution. M:6.60000×10 ¹⁵								
ISC	IV 29 04 39 03.9-1.7 29.06N-03 142.47E-09	31-12	4.3b	84	2-85				
IDC	IV 29 04 38 58.9-66 28.94N 142.55E	0	4.3,4.1						
ISCJB	IV 29 04 39 01.0-1.6 29.09N-03 142.41E-10	23-11	4.3b,4.1						
JMA	IV 29 04 39 02.5-20 29.09N 142.44E	50	4.3,4.1						
MOS	IV 29 04 39 02.0-1.4 29.03N 142.55E	33	4.3b,4.1						
NEIC	IV 29 04 39 05.2-48 29.05N 142.57E	47	4.5b,4.1						
BJI	IV 29 04 39 07.7 29.14N 141.93E	46	4.6s,4.6b						
ISC	Event type se.								
IDC	Error ellipse: s-maj=24.2km s-min=13.2km az=89.0.								
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=4.7km az=158.6.								
JMA	Error ellipse: s-maj=1.1km s-min=7.8km az=-1.0.								
MOS	Error ellipse: s-maj=19.0km s-min=7.3km az=109.5.								
NEIC	Event type se. Error ellipse: s-maj=15.2km s-min=8.4km az=81.0.								
ISC	VI 01 10 40 18.9-42 29.85N-05 139.5E-10	419-6	3.4b	33	3-82				
ISCJB	VI 01 10 40 18.0-42 29.81N-05 139.4E-10	425-5	3.4b						
JMA	VI 01 10 40 17.9-10 29.85N 139.48E	431	3.6						
IDC	VI 01 10 40 18.2-77 29.82N 139.33E	409-15	3.9,3.2						
ISCJB	Error ellipse: s-maj=16.9km s-min=6.3km az=141.5.								
JMA	Error ellipse: s-maj=2.2km s-min=4.8km az=-1.0.								
IDC	Error ellipse: s-maj=45.8km s-min=9.4km az=74.0.								
ISC	VI 19 17 55 28.4-1.6 33.26N-07 140.8E-10	48-20	3.5b	19	1-57				
IDC	VI 19 17 55 26.3-2.4 32.71N 139.22E	0	3.6,3.4b						
ISCJB	VI 19 17 55 27.3-1.2 33.25N-06 140.8E-10	60-13	3.5b,3.4b						
JMA	VI 19 17 55 28.5-10 33.32N 140.72E	46	2.8,3.4b						
IDC	Error ellipse: s-maj=155.3km s-min=32.1km az=85.0.								
ISCJB	Error ellipse: s-maj=17.6km s-min=8.8km az=23.4.								
JMA	Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.								
ISC	IV 03 21 12 34.5-50 30.83N-03 140.22E-04	128-3	4.7b	311	2-136				
NIED	IV 03 21 12 00 30.90N 141.00E	104	4.5W						
BJI	IV 03 21 12 24.8 30.63N 140.81E	100	4.8b,4.6b						
SZGRF	IV 03 21 12 27.9 31.37N 139.59E	33	4.8b,4.6b						
IDC	IV 03 21 12 32.1-84 30.70N 140.08E	109-7	4.7,4.4						
ISCJB	IV 03 21 12 32.2-44 30.76N-03 140.26E-04	124-3	4.8b,4.4						
MOS	IV 03 21 12 33.5-1.1 30.82N 140.10E	130	4.9b,4.4						
NEIC	IV 03 21 12 33.6-23 30.82N 140.19E	119	4.9b,4.5W						
JMA	IV 03 21 12 33.5-20 30.94N 140.99E	84	4.7,4.5W						
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:238.00000°,δ89.00000°,λ78.00000°. NP2:φ:146.00000°,δ12.00000°,λ177.00000°. M:6.39000×10 ¹⁵								
SZGRF	Southeast of Honshu, Japan.								
IDC	Error ellipse: s-maj=15.6km s-min=6.4km az=78.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.8km s-min=4.3km az=153.3.								
MOS	Error ellipse: s-maj=12.5km s-min=4.6km az=114.2.								
NEIC	Event type se. Error ellipse: s-maj=6.6km s-min=5.1km az=94.0. Moment Tensor Solution. M:6.40000×10 ¹⁵								
JMA	Error ellipse: s-maj=3.3km s-min=5.7km az=-1.0.								
ISC	IV 19 14 10 19.3-1.1 32.39N-03 141.71E-04	26-7	4.7b,4.0s	195	2-149				
NIED	IV 19 14 10 00 32.50N 141.90E	5	4.5W,4.0s						
IDC	IV 19 14 10 14.7-56 32.40N 141.89E	0	4.5,4.5L						
JMA	IV 19 14 10 14.3-40 32.47N 141.95E	0	4.5,4.5L						
NEIC	IV 19 14 10 16.8-28 32.42N 141.63E	10	4.8b,4.5W						
ISCJB	IV 19 14 10 17.0-97 32.34N-03 141.68E-04	23-6	4.7b,4.0s						
BJI	IV 19 14 10 16.0 32.56N 141.54E	9	4.8b,4.4b						
HRVD	IV 19 14 10 16.8-90 32.42N 141.85E	22-1	4.8W,4.4b						
MOS	IV 19 14 10 17.8-89 32.40N 141.66E	27	5.0b,4.4b						
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:358.00000°,δ93.00000°,λ83.00000°. NP2:φ:193.00000°,δ28.00000°,λ103.00000°. M:6.60000×10 ¹⁵								
IDC	Error ellipse: s-maj=17.4km s-min=13.5km az=77.0.								
JMA	Error ellipse: s-maj=2.2km s-min=2.8km az=-1.0.								
NEIC	Event type se. Error ellipse: s-maj=8.7km s-min=6.7km az=71.0. Moment Tensor Solution. M:6.60000×10 ¹⁵								
ISCJB	Event type se. Error ellipse: s-maj=5.7km s-min=4.4km az=118.7.								
HRVD	Error ellipse: s-maj=6.7km s-min=7.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s10,c10; Mantle waves: s41,c54; Half duration: 0; Moment tensor: Scale 10 ¹⁶ Nm; Mrr:1.91±20 Mθθ:0.53±11; Mφφ:1.38±12; Mθφ:0.00±19; Mφθ:0.12±06; Mφθ:0.23±18; Best double couple: NP1:φ:189.00000°,δ41.00000°,λ91.00000°. NP2:φ:7.00000°,δ49.00000°,λ89.00000°. Principal axes: T 1.9250,Plg86.0000°,AzM267.0000°. N -0.5150,Plg1.0000°,AzM8.0000°. P -1.4120,Plg4.0000°,AzM98.0000°. M:1.66900×10 ¹⁶								
MOS	Error ellipse: s-maj=14.4km s-min=5.7km az=115.9.								
ISC	IV 20 04 34 24.1-58 30.60N-04 140.8E-10	81-6	3.8b	57	3-83				
ISCJB	IV 20 04 34 22.6-62 30.60N-04 140.8E-10	83-6	3.8b						
IDC	IV 20 04 34 22.8-1.2 30.54N 140.60E	69-11	3.9,3.7						
JMA	IV 20 04 34 23.6-30 30.69N 141.06E	62	4.2,3.7						
MOS	IV 20 04 34 25.6-1.3 30.45N 140.47E	115	4.0b,3.7						
NEIC	IV 20 04 34 26.9-1.4 30.48N 140.62E	109-11	3.8b,3.7						
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=16.9km s-min=5.6km az=149.7.								
IDC	Error ellipse: s-maj=23.9km s-min=8.5km az=74.0.								
JMA	Error ellipse: s-maj=3.3km s-min=6.7km az=-1.0.								
MOS	Error ellipse: s-maj=28.6km s-min=9.9km az=98.9.								
NEIC	Event type se. Error ellipse: s-maj=16.8km s-min=12.7km az=98.0.								
ISC	IV 24 01 06 47.0-48 32.09N-06 138.27E-09	390-5	3.5b	70	2-119				
ISCJB	IV 24 01 06 45.7-40 32.04N-05 138.32E-09	396-5	3.5b						
MOS	IV 24 01 06 45.8-93 32.03N 138.02E	391	3.4b						
NEIC	IV 24 01 06 46.7-79 32.00N 138.12E	384-7	3.4b						
JMA	IV 24 01 06 47.6-20 32.24N 138.34E	401	3.9						
IDC	IV 24 01 06 47.6-69 32.00N 138.15E	394-7	3.9,3.2						
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=12.1km s-min=7.5km az=154.0.								
MOS	Error ellipse: s-maj=28.8km s-min=13.2km az=101.6.								
NEIC	Event type se. Error ellipse: s-maj=13.8km s-min=10.2km az=80.0.								
JMA	Error ellipse: s-maj=3.3km s-min=2.8km az=-1.0.								
IDC	Error ellipse: s-maj=17.0km s-min=12.9km az=75.0.								
ISC	IV 30 18 01 52.5-2.8 31.09N-07 142.3E-20	26-22	3.5b	19	4-81				
IDC	IV 30 18 01 48.6-97 31.05N 142.29E	0	3.7,3.6						
ISCJB	IV 30 18 01 50.6-2.6 31.09N-07 142.2E-20	27-21	3.5b,3.6						
JMA	IV 30 18 01 50.7-20 31.12N 142.43E	46	3.7,3.6						

NEIC	IV 30 18 01 52.7-6.2 31.05N 142.26E	27-44	3.8,3.6						
ISC	Event type se.								
IDC	Error ellipse: s-maj=33.6km s-min=18.2km az=82.0.				</				

ISC	Event type se.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ33.00000°,δ72.00000°,λ-68.00000°. NP2:φ161.00000°,δ28.00000°,λ-138.00000°. M ₁ :1.46000×10 ¹⁵									
MOS	Error ellipse: s-maj=15.4km s-min=7.4km az=101.1.									
NEIC	Event type se. Error ellipse: s-maj=10.6km s-min=9.4km az=113.0.									
ISCJB	Event type se. Error ellipse: s-maj=8.2km s-min=5.7km az=123.6.									
JMA	Error ellipse: s-maj=3.3km s-min=1.9km az=1.0.									
IDC	Error ellipse: s-maj=13.6km s-min=10.3km az=73.0.									
ISC	II	21 08 56 49.8-51	29.04N-09	140.1E-30	444-9	3.5b	21	3-75		
ISC	II	21 08 56 48.8-52	29.02N-09	140.0E-30	448-9	3.5b			19495525	
IDC	II	21 08 56 48.5-22	28.88N	139.29E	411-41	3.9,3.3b				
JMA	II	21 08 56 49.3-10	29.12N	140.23E	450	3.5,3.3b				
ISCJB	Error ellipse: s-maj=36.7km s-min=7.9km az=144.3.									
IDC	Error ellipse: s-maj=103.5km s-min=16.3km az=80.0.									
JMA	Error ellipse: s-maj=3.3km s-min=6.8km az=1.0.									
ISC	II	22 06 27 09.4-74	33.26N-09	140.0E-20	117-6	3.5b	11	0-57		
ISCJB	II	22 06 27 08.1-74	33.22N-09	140.0E-20	125-6	3.5b			19495844	
IDC	II	22 06 27 09.4-13	33.14N	140.19E	108-11	3.4,3.3				
JMA	II	22 06 27 10.4-10	33.38N	139.97E	106-2	2.9,3.3				
ISCJB	Error ellipse: s-maj=20.9km s-min=14.9km az=177.1.									
IDC	Error ellipse: s-maj=53.1km s-min=7.6km az=88.0.									
JMA	Error ellipse: s-maj=1.1km s-min=1.9km az=1.0.									
ISC	II	22 17 24 21.7-39	32.87N-04	139.17E-05	202-2	3.9b	96	1-150		
NAO	II	22 17 23 51.0	31.36N	141.28E	33	4.4b			18335696	
NIED	II	22 17 24 00	32.90N	139.20E	200	4.2W				
BJI	II	22 17 24 16.9	32.45N	139.05E	194	4.6b,4.6b				
MOS	II	22 17 24 19.8-80	32.78N	138.97E	201	4.3b,4.6b				
ISCJB	II	22 17 24 20.4-37	32.82N-04	139.19E-05	206-2	3.9b,4.6b				
JMA	II	22 17 24 21.5-20	32.94N	139.24E	210-2	3.9,4.6b				
NEIC	II	22 17 24 21.1-77	32.79N	139.07E	195-6	4.3b,4.6b				
IDC	II	22 17 24 21.3-50	32.77N	138.97E	195-4	4.1,3.8				
ISC	Event type se.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ229.00000°,δ83.00000°,λ59.00000°. NP2:φ127.00000°,δ32.00000°,λ166.00000°. M ₂ :3.1000×10 ¹⁵									
MOS	Error ellipse: s-maj=20.7km s-min=7.9km az=96.8.									
ISCJB	Event type se. Error ellipse: s-maj=7.5km s-min=6.3km az=133.9.									
JMA	Error ellipse: s-maj=1.1km s-min=1.9km az=1.0.									
NEIC	Event type se. Error ellipse: s-maj=9.4km s-min=7.2km az=97.0.									
IDC	Error ellipse: s-maj=14.4km s-min=9.1km az=80.0.									
JMA	II	23 07 38 06.7-30	31.88N	140.93E	0	3.7			19496426	
JMA	Error ellipse: s-maj=2.2km s-min=1.9km az=1.0.									
ISC	II	24 15 50 21.4-42	30.47N-04	141.0E-10	109-5	3.9b	55	3-83		
BJI	II	24 15 50 19.3	30.36N	140.99E	115	4.3b,4.2b			18335737	
ISCJB	II	24 15 50 20.0-44	30.46N-04	141.0E-10	115-6	3.9b,4.2b				
JMA	II	24 15 50 20.4-10	30.53N	141.28E	130	4.2,4.2b				
MOS	II	24 15 50 21.0-1.5	30.36N	140.80E	122	4.3b,4.2b				
NEIC	II	24 15 50 22.2-47	30.33N	140.77E	112	4.5b,4.2b				
IDC	II	24 15 50 22.6-1.2	30.27N	140.71E	113-13	3.8,3.5				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=18.0km s-min=4.3km az=152.4.									
JMA	Error ellipse: s-maj=2.2km s-min=7.7km az=1.0.									
MOS	Error ellipse: s-maj=32.2km s-min=9.5km az=100.5.									
NEIC	Event type se. Error ellipse: s-maj=19.8km s-min=5.9km az=83.0.									
IDC	Error ellipse: s-maj=34.8km s-min=9.3km az=73.0.									
ISC	II	25 00 21 22.0-67	31.43N-05	141.3E-20	72-13	3.4b	26	3-78		
ISCJB	II	25 00 21 20.4-70	31.33N-06	140.9E-20	89-12	3.5b			19496960	
JMA	II	25 00 21 21.1-30	31.31N	140.74E	94	3.7				
IDC	II	25 00 21 23.8-1.9	31.02N	140.36E	132-19	3.6,3.5				
ISCJB	Error ellipse: s-maj=31.6km s-min=6.3km az=150.1.									
JMA	Error ellipse: s-maj=2.2km s-min=4.8km az=1.0.									
IDC	Error ellipse: s-maj=35.6km s-min=15.5km az=81.0.									
ISC	II	27 14 29 27.8-84	32.20N-10	138.4E-20	368-7	3.1b	28	2-72		
JMA	II	27 14 29 15.8-40	31.62N	138.30E	465	3.7			19497631	
ISCJB	II	27 14 29 26.5-84	32.17N-09	138.4E-20	375-7	3.1b				
IDC	II	27 14 29 27.4-1.9	32.06N	138.13E	358-26	3.6,3.0				
NEIC	II	27 14 29 27.3-1.2	32.04N	138.08E	357-21	3.1b,3.0				
ISC	Event type se.									
JMA	Error ellipse: s-maj=7.8km s-min=2.8km az=1.0.									
ISCJB	Event type se. Error ellipse: s-maj=20.6km s-min=15.0km az=8.5.									
IDC	Error ellipse: s-maj=61.8km s-min=19.4km az=70.0.									
NEIC	Event type se. Error ellipse: s-maj=59.7km s-min=16.6km az=69.0.									
JMA	II	27 14 54 28.9-30	31.73N	140.97E	0	3.9			19497635	
JMA	Error ellipse: s-maj=3.3km s-min=1.9km az=1.0.									
ISC	V	21 13 50 20.8-60	33.28N-04	140.90E-06	93-4	4.2b	91	1-161		
NIED	V	21 13 50 00	33.40N	140.90E	83	4.0W			18358382	
MOS	V	21 13 50 12.4-88	33.17N	140.83E	33	4.4b				
ISCJB	V	21 13 50 19.7-58	33.27N-04	140.88E-07	101-3	4.2b				
BJI	V	21 13 50 19.2	33.58N	141.35E	110	4.5b,4.3b				
IDC	V	21 13 50 20.5-1.1	33.18N	140.91E	88-9	4.2,3.9				
JMA	V	21 13 50 21.3-10	33.32N	140.89E	87-2	4.3,3.9				
NEIC	V	21 13 50 21.3-1.3	33.24N	140.79E	95-10	4.3b,3.9				
ISC	Event type se.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ329.00000°,δ75.00000°,λ-159.00000°. NP2:φ234.00000°,δ70.00000°,λ-16.00000°. M ₁ :2.1000×10 ¹⁵									
MOS	Error ellipse: s-maj=19.9km s-min=10.2km az=108.4.									
ISCJB	Event type se. Error ellipse: s-maj=9.1km s-min=6.0km az=1.1.									
IDC	Error ellipse: s-maj=19.6km s-min=9.4km az=74.0.									
JMA	Event type se. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.									
NEIC	Event type se. Error ellipse: s-maj=16.3km s-min=11.7km az=76.0. Recorded [1 JMA] in Tokyo Prefecture.									
ISC	V	16 16 17 09.2-71	32.71N-05	142.47E-07	35	3.7b	37	2-67		
ISCJB	V	16 16 17 06.5-66	32.72N-04	142.54E-07	33	3.7b			19599040	
IDC	V	16 16 17 07.2-2.5	32.36N	142.14E	0	3.9L,3.8				
JMA	V	16 16 17 07.1-50	32.85N	142.19E	0	3.8,3.8				
ISCJB	Error ellipse: s-maj=8.6km s-min=5.5km az=139.3.									
IDC	Error ellipse: s-maj=63.3km s-min=18.4km az=59.0.									
JMA	Error ellipse: s-maj=3.3km s-min=3.7km az=1.0.									
ISC	V	26 10 26 00.6-14	30.47N-02	138.40E-02	441	4.8b	477	3-166		
NIED	V	26 10 25 00	30.40N	138.80E	460	4.9W			18440590	
MOS	V	26 10 25 56.8-87	30.34N	138.38E	418	4.9b				
JMA	V	26 10 25 58.4-20	30.38N	138.80E	464-4	4.5				
BJI	V	26 10 25 58.6	30.37N	138.45E	447	5.3b,4.9b				
NEIC	V	26 10 25 60.0-11	30.40N	138.35E	438	4.9b,4.8W				
ISCJB	V	26 10 25 59.1-14	30.41N-02	138.37E-02	439	4.8b,4.8W				
IDC	V	26 10 25 59.5-45	30.42N	138.38E	432-4	5.1,4.4				
HRVD	V	26 10 26 00.0-70	30.20N	138.69E	472-4	5.2W,4.4				
ISC	Event type se.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ355.00000°,δ87.00000°,λ-67.00000°. NP2:φ93.00000°,δ23.00000°,λ-171.00000°. M ₂ :3.4000×10 ¹⁶									
MOS	Error ellipse: s-maj=7.7km s-min=4.6km az=107.2.									
JMA	Error ellipse: s-maj=2.2km s-min=2.9km az=1.0.									
NEIC	Event type se. Error ellipse: s-maj=3.7km s-min=2.9km az=147.0. Moment Tensor Solution. M ₂ :3.0000×10 ¹⁶									
ISCJB	Event type se. Error ellipse: s-maj=3.3km s-min=2.5km az=113.2.									
IDC	Error ellipse: s-maj=9.4km s-min=6.0km az=94.0.									
HRVD	Error ellipse: s-maj=12.2km s-min=6.7km az=1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s25,c26;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₁ -0.37±.43 M ₂ -0.30±.50; M ₃ -0.66±.52; M ₄ -3.56±.82; M ₅ -0.76±.45; M ₆ -5.74±.45; Best double couple: NP1:φ163.00000°,δ3.00000°,λ-75.00000°. NP2:φ328.00000°,δ87.00000°,λ-91.00000°. Principal axes: T 7.1480,Plg427.0000°,AzM59.0000°; N -0.7080,Plg11.0000°,AzM328.0000°,P -6.4390,Plg48.0000°,AzM237.0000° M ₆ :7.9400×10 ¹⁶									
ISC	V	28 21 07 15.9-77	32.88N-04	141.01E-07	10	3.7b	37	1-57		
NIED	V	28 21 07 00	32.80N	141.00E	5	3.6W			18854930	
ISCJB	V	28 21 07 14.9-87	32.90N-05	141.03E-07	10	3.7b				
JMA	V	28 21 07 16.8-30	32.82N	140.98E	47	3.6				
IDC	V	28 21 07 16.9-2.2	32.37N	140.09E	0	3.7,3.5				
MOS	V	28 21 07 18.7-80	32.52N	140.34E	33	3.9b,3.5				
NEIC	V	28 21 07 19.3-1.1	32.50N	140.27E	20	3.6b,3.5				

ISC	Event type se.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ328.00000°,δ77.00000°,λ-35.00000°. NP2:φ67.00000°,δ56.00000°,λ-165.00000°. M ₃ :2.8000×10 ¹⁴									
ISCJB	Event type se. Error ellipse: s-maj=8.5km s-min=6.5km az=174.0.									
JMA	Error ellipse: s-maj=2.2km s-min=2.8km az=1.0.									
IDC	Error ellipse: s-maj=100.5km s-min=16.9km az=79.0.									
MOS	Error ellipse: s-maj=36.2km s-min=11.3km az=113.4.									
NEIC	Event type se. Error ellipse: s-maj=36.0km s-min=10.5km az=80.0.									
ISC	V	11 18 46 29.7-2.9	31.4N-30	141.6E-80	35	3.7b	9	2-55		
IDC	V	11 18 46 26.5-3.3	31.17N	141.13E	0	3.8,3.7b			19598781	
ISCJB	V	11 18 46 27.1-2.7	31.4N-20	141.7E-70	33	3.7b,3.7b				
JMA	V	11 18 47 44.0	35.87N	137.63E	5	0.0,3.7b				
IDC	Error ellipse: s-maj=136.0km s-min=16.6km az=70.0.									
ISCJB	Error ellipse: s-maj=94.3km s-min=8.0km az=143.6.									
ISC	V	15 22 50 37.1-55	32.26N-03	140.83E-06	50-4	4.7b,3.7s	201	1-149		
NIED	V	15 22 50 00	32.50N	140.80E	47	4.5W,3.7s			18339027	
BJI	V	15 22 50 34.6	32.29N	140.60E	32	4.9b,4.5b				
MOS	V	15 22 50 35.8-1.0	32.24N	140.70E	50	5.0b,4.5b				
ISCJB	V	15 22 50 35.1-57	32.22N-03	140.82E-05	46-4	4.7b,3.7s				
JMA	V	15 22 50 37.9-20	32.48N	140.83E	43	4.3,3.7s				
IDC	V	15 22 50 37.4-1.4	32.21N	140.76E	50-12	4.3,4.2				

IDC	Error ellipse: s-maj=102.0km s-min=20.1km az=82.0.								
ISC	II 17 02 13 30.9-15	24.13N-02	141.50E-02	163	4.9b	409	3-168		
NIED	II 17 02 13 00	24.30N	141.90E	160	5.5W				
NAO	II 17 02 13 19.2	24.97N	140.52E	33	4.7b				
BJI	II 17 02 13 28.1	24.22N	141.80E	169	5.2b,5.0b				
MOS	II 17 02 13 28.1-1.1	24.08N	141.36E	156	5.1b,5.0b				
ISCJB	II 17 02 13 28.9-15	24.10N-02	141.45E-03	161	4.9b,5.0b				
NEIC	II 17 02 13 29.9-12	24.02N	141.49E	160	5.6W,5.5W				
IDC	II 17 02 13 29.9-58	24.18N	141.40E	162-4	4.8,4.5				
HRVD	II 17 02 13 29.9-20	24.10N	141.58E	174-1	5.6W,4.5				
JMA	II 17 02 13 31.6-30	24.28N	141.87E	196	6.0,4.5				
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=253.0000°,δ60.0000°,λ128.0000°; NP2:φ=16.0000°,δ47.0000°,λ44.0000°; M=2.0000×10 ¹⁷								
MOS	Error ellipse: s-maj=10.1km s-min=5.6km az=105.8.								
ISCJB	Event type se. Error ellipse: s-maj=3.3km s-min=3.2km az=62.8.								
NEIC	Event type se. Error ellipse: s-maj=4.3km s-min=3.7km az=127.0. Recorded [1 JMA] in Tokyo Prefecture, Honshu. Moment Tensor Solution. M=2.0000×10 ¹⁷ Moment Tensor Solution. s10 Moment tensor: Scale 1017Nm; Mr:2.46 M=1.71 M ₉₀ -0.75 M ₁₈₀ -2.18 M ₉₀ -1.24 M ₁₈₀ 0.0 Best double couple: NP1:φ=256.0000°,δ66.0000°,λ108.0000°; NP2:φ=38.0000°; δ30.0000°; λ56.0000°; Principal axes: T 3.4500,Plg65.0000°; Azm196.0000°; N -0.0020,Plg16.0000°; Azm69.0000°; P -3.1800,Plg19.0000°; Azm333.0000°; M=3.3000×10 ¹⁷								
IDC	Error ellipse: s-maj=14.1km s-min=8.4km az=92.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s65,c151; Mantle waves: s103,c227;Half duration: 156 Moment tensor: Scale 1017Nm; Mr:1.89±0.04 M=0.46±0.06; M ₉₀ -1.43±0.06; M ₁₈₀ -1.90±0.04; M ₉₀ -1.95±0.05; M ₁₈₀ 0.11±0.04; Best double couple: NP1:φ=7.0000°,δ43.0000°,λ36.0000°; NP2:φ=249.0000°,δ66.0000°; λ127.0000°. Principal axes: T 3.2150,Plg53.0000°; Azm204.0000°; N -0.0020,Plg33.0000°; Azm52.0000°; P -3.2170,Plg13.0000°; Azm313.0000°; M=3.2160×10 ¹⁷								
JMA	Event type se. Error ellipse: s-maj=3.3km s-min=3.1km az=1.0.								
ISC	II 17 07 46 55.6-1.9	22.35N-09	143.6E-10	109-15	4.0b	31	5-150		
ISCJB	II 17 07 46 53.6-2.2	22.33N-09	143.6E-10	106-18	4.0b				
MOS	II 17 07 46 54.8-7.7	22.34N	143.59E	118	4.3b				
NEIC	II 17 07 46 55.5-4.1	22.29N	143.59E	110	4.1b				
IDC	II 17 07 46 56.4-8.2	22.40N	143.53E	112-6	4.1,3.9				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=22.5km s-min=14.7km az=0.5.								
MOS	Error ellipse: s-maj=31.2km s-min=15.4km az=105.6.								
NEIC	Event type se. Error ellipse: s-maj=15.2km s-min=11.2km az=90.0.								
IDC	Error ellipse: s-maj=17.6km s-min=12.1km az=85.0.								
IDC	II 18 10 01 57.3-3.5	23.31N	142.10E	57-34	3.7L,3.5				
IDC	Error ellipse: s-maj=83.5km s-min=18.7km az=98.0.								
IDC	II 19 11 30 00.2-3.2	23.07N	142.88E	77-29	3.6,3.4				
IDC	Error ellipse: s-maj=47.2km s-min=18.4km az=90.0.								
ISC	II 23 07 24 44.9-2.2	25.69N-09	142.9E-20	48-18	3.9b	17	2-80		
IDC	II 23 07 24 38.2-8.5	25.65N	142.91E	0	4.0,3.9b				
ISCJB	II 23 07 24 44.0-2.1	25.63N-09	142.9E-20	57-16	3.9b,3.9b				
NEIC	II 23 07 24 44.2-5.7	25.68N	142.85E	40	4.3b,3.9b				
ISC	Event type se.								
IDC	Error ellipse: s-maj=32.6km s-min=15.4km az=78.0.								
ISCJB	Event type se. Error ellipse: s-maj=35.4km s-min=14.7km az=164.1.								
NEIC	Event type se. Error ellipse: s-maj=25.1km s-min=11.3km az=84.0.								
IDC	II 26 13 48 54.1-2.8	22.05N	143.33E	258-24	3.8,3.2				
IDC	Error ellipse: s-maj=110.2km s-min=21.7km az=81.0.								
ISC	II 26 13 51 29.0-2.9	25.71N-05	142.9E-10	27-20	4.4b	61	1-150		
NIED	II 26 13 51 00	25.80N	141.00E	5	4.5W				
JMA	II 26 13 51 23.8-20	25.83N	140.97E	0	4.3				
IDC	II 26 13 51 25.4-50	25.66N	142.66E	0	4.4,4.3				
ISCJB	II 26 13 51 26.5-3.0	25.68N-06	142.9E-10	23-21	4.4b,4.3				
BJI	II 26 13 51 28.0	25.54N	142.70E	30	4.6b,4.1s				
NEIC	II 26 13 51 29.3-3.6	25.67N	142.73E	25-25	4.7b,4.4W				
NAO	II 26 13 51 34.6	26.14N	141.30E	33	4.3b,4.4W				
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=227.0000°,δ73.0000°,λ93.0000°; NP2:φ=36.0000°,δ17.0000°,λ80.0000°; M=5.9300×10 ¹⁵								
JMA	Error ellipse: s-maj=3.3km s-min=2.0km az=1.0.								
IDC	Error ellipse: s-maj=18.2km s-min=12.6km az=84.0.								
ISCJB	Event type se. Error ellipse: s-maj=16.4km s-min=9.3km az=167.0.								
NEIC	Event type se. Error ellipse: s-maj=11.5km s-min=7.4km az=85.0. Moment Tensor Solution. M=5.9000×10 ¹⁵								
IDC	II 26 15 18 04.1-4.2	22.39N	143.45E	133-37	3.7,3.3				
IDC	Error ellipse: s-maj=77.8km s-min=23.8km az=95.0.								
ISC	V 08 16 23 35.0-2.5	22.25N-03	143.56E-05	129	4.4b	166	5-151		
BJI	V 08 16 23 30.0	21.95N	143.79E	128	4.6b,4.6b				
MOS	V 08 16 23 31.7-1.0	22.23N	143.43E	116	4.7b,4.6b				
ISCJB	V 08 16 23 33.1-2.5	22.19N-03	143.49E-05	127	4.6b,4.6b				
NEIC	V 08 16 23 34.4-2.3	22.24N	143.50E	129	4.6b,4.6b				
IDC	V 08 16 23 34.8-5.6	22.25N	143.56E	131-4	4.6,4.3				
JMA	V 08 16 23 38.1-2.0	22.65N	144.12E	167	5.5,4.3				
ISC	Event type se.								
MOS	Error ellipse: s-maj=13.2km s-min=6.4km az=106.5.								
ISCJB	Event type se. Error ellipse: s-maj=6.9km s-min=3.5km az=168.9.								
NEIC	Event type se. Error ellipse: s-maj=8.5km s-min=5.7km az=95.0.								
IDC	Error ellipse: s-maj=13.3km s-min=8.4km az=81.0.								
JMA	Error ellipse: s-maj=3.3km s-min=6.2km az=1.0.								
ISC	V 05 14 58 52.6-2.1	24.5N-10	141.8E-30	80-19	3.6b	9	3-80		
ISCJB	V 05 14 58 51.3-2.3	24.5N-10	141.8E-30	85-21	3.6b				
IDC	V 05 14 58 52.4-2.3	24.49N	141.88E	74-21	3.6,3.6				
ISCJB	Error ellipse: s-maj=43.2km s-min=20.0km az=10.9.								
IDC	Error ellipse: s-maj=38.2km s-min=16.4km az=100.0.								
ISC	V 03 23 50 32.4-1.4	23.83N-07	142.0E-10	43-11	3.8b	39	3-81		
ISCJB	V 03 23 50 30.8-1.7	23.86N-07	141.9E-10	45-14	3.8b				
NEIC	V 03 23 50 31.5-2.7	23.87N	142.01E	34-18	3.8b				
IDC	V 03 23 50 33.7-2.8	23.92N	142.22E	62-30	4.4L,3.9				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=19.2km s-min=11.7km az=19.3.								
NEIC	Event type se. Error ellipse: s-maj=13.7km s-min=8.6km az=102.0.								
IDC	Error ellipse: s-maj=69.7km s-min=16.8km az=84.0.								
ISC	V 07 17 47 30.4-1.6	22.02N-10	143.0E-30	254-15	3.3b	13	5-150		
ISCJB	V 07 17 47 29.4-1.7	21.98N-10	143.0E-30	258-15	3.3b				
IDC	V 07 17 47 29.9-1.9	22.01N	142.86E	248-17	3.7,3.2				
NEIC	V 07 17 47 34.2-2.6	21.97N	142.82E	291-26	3.9b,3.2				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=41.7km s-min=15.6km az=179.2.								
IDC	Error ellipse: s-maj=31.9km s-min=13.4km az=89.0.								
NEIC	Event type se. Error ellipse: s-maj=26.8km s-min=10.1km az=91.0.								
ISC	V 06 15 29 12.1-1.5	23.38N-09	142.1E-10	130-11	3.9b	67	3-151		
MOS	V 06 15 28 58.4-1.6	23.04N	142.36E	33	4.5b				
NEIC	V 06 15 29 07.7-1.8	23.22N	142.32E	96-15	4.3b				
IDC	V 06 15 29 09.9-2.2	23.18N	142.35E	113-17	4.1,3.9				
ISCJB	V 06 15 29 11.5-1.4	23.40N-08	142.1E-10	138-10	3.9b,3.9				
JMA	V 06 15 29 14.2-2.0	23.54N	142.04E	170	5.0,3.9				
ISC	Event type se.								
MOS	Error ellipse: s-maj=25.1km s-min=8.6km az=104.5.								
NEIC	Event type se. Error ellipse: s-maj=14.3km s-min=11.3km az=88.0.								
IDC	Error ellipse: s-maj=20.3km s-min=14.0km az=97.0.								
ISCJB	Event type se. Error ellipse: s-maj=19.4km s-min=12.6km az=163.3.								
JMA	Error ellipse: s-maj=2.2km s-min=6.1km az=1.0.								
ISC	I 01 15 50 04.5-4.9	24.76N-09	142.6E-40	5-30	4.2s,3.5b	11	2-97		
IDC	I 01 15 50 04.1-1.2	24.85N	142.58E	0	4.1,4.1s				
ISCJB	I 01 15 50 08.8-3.0	24.9N-20	142.3E-30	40-24	4.2s,3.5b				
NEIC	I 01 15 50 09.6-2.4	24.91N	142.52E	35-19	4.2s,3.5b				
ISC	Event type se.								
IDC	Error ellipse: s-maj=54.5km s-min=21.6km az=87.0.								
ISCJB	Event type se. Error ellipse: s-maj=53.0km s-min=25.8km az=171.3.								

NEIC	Event type se. Error ellipse: s-maj=40.1km s-min=18.8km az=88.0.								
IDC	I 06 01 16 05.0-1.3	22.14N	143.61E	0	3.9,3.7b				
IDC	Error ellipse: s-maj=87.5km s-min=29.8km az=100.0.								
ISC	I 07 21 44 59.1-2.5	22.3N-10	143.7E-20	122-19	3.9b	16	5-149		
ISCJB	I 07 21 44 57.8-2.7	22.3N-10	143.7E-20	125-20	3.9b				
NEIC	I 07 21 44 5								

IDC	Error ellipse: s-maj=20.2km s-min=10.7km az=96.0.								
NEIC	Event type se. Error ellipse: s-maj=15.3km s-min=8.1km az=92.0.								
IDC	IV 28 14 10 26.0-1.9	21.59N	143.04E	301-18	3.8,3.3				
IDC	Error ellipse: s-maj=37.5km s-min=13.8km az=92.0.					¶9598147			
IDC	IV 19 10 20 01.7-1.4	21.52N	146.97E	0	3.8L,3.8				
IDC	Error ellipse: s-maj=49.7km s-min=27.8km az=84.0.								
IDC	IV 04 11 21 21.3-1.1	21.91N	144.02E	0	3.9,3.6b				
IDC	Error ellipse: s-maj=51.8km s-min=26.6km az=106.0.					¶9594236			
ISC	IV 25 01 11 55.5-80	17.96N	147.2E-20	35	4.0b	21	20-134		
IDC	IV 25 01 11 50.3-1.1	17.96N	147.16E	0	4.0,3.9b				
ISC	IV 25 01 11 53.8-79	17.94N	147.1E-20	33	4.0b,3.9b				
NEIC	IV 25 01 11 55.6-61	17.94N	147.11E	35	4.3b,3.9b				
ISC	Event type se.								
IDC	Error ellipse: s-maj=47.0km s-min=18.9km az=91.0.								
ISC	Event type se. Error ellipse: s-maj=27.9km s-min=10.8km az=177.0.								
NEIC	Event type se. Error ellipse: s-maj=22.4km s-min=8.4km az=89.0.								
ISC	IV 06 03 32 14.9-1.1	21.67N	143.1E-20	318-11	3.5b	18	5-83		
IDC	IV 06 03 32 13.1-2.1	21.58N	143.21E	300-20	3.9,3.4				
ISC	IV 06 03 32 14.3-96	21.68N	143.0E-20	328-10	3.4b,3.4				
NEIC	IV 06 03 32 16.4-1.2	21.61N	143.06E	337-14	4.2b,3.4				
ISC	Event type se.								
IDC	Error ellipse: s-maj=34.5km s-min=14.5km az=98.0.								
ISC	Event type se. Error ellipse: s-maj=30.1km s-min=10.4km az=174.2.								
NEIC	Event type se. Error ellipse: s-maj=22.3km s-min=8.8km az=88.0.								
ISC	IV 07 11 33 23.0-75	21.92N	143.58E-06	203-6	4.3b	121	5-150		
IDC	IV 07 11 33 21.6-1.5	21.88N	143.53E	194-13	4.4,4.0				
ISC	IV 07 11 33 21.9-78	21.89N	143.52E-06	208-6	4.3b,4.0				
BJI	IV 07 11 33 22.6	21.92N	143.43E	212	4.9b,4.8b				
MOS	IV 07 11 33 23.0-84	21.68N	143.54E	232	4.6b,4.8b				
JMA	IV 07 11 33 23.7-30	22.30N	144.40E	180	4.6b,4.8b				
NEIC	IV 07 11 33 25.2-1.1	21.82N	143.55E	230-10	4.4b,4.8b				
ISC	Event type se.								
IDC	Error ellipse: s-maj=15.0km s-min=9.4km az=88.0.								
ISC	Event type se. Error ellipse: s-maj=9.4km s-min=6.8km az=156.3.								
MOS	Error ellipse: s-maj=30.4km s-min=10.5km az=118.2.								
JMA	Error ellipse: s-maj=4.4km s-min=8.2km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=7.6km s-min=5.6km az=73.0.								
NEIC	IV 16 11 04 42.3-49	21.72N	144.35E	150	3.9b				
IDC	IV 16 11 04 24.6-81	21.89N	144.26E	0	4.0,3.7b				
NEIC	Event type se. Error ellipse: s-maj=34.2km s-min=11.2km az=107.0.					¶9595019			
IDC	Error ellipse: s-maj=55.1km s-min=18.5km az=108.0.								
ISC	VI 04 20 21 09.5-1.2	21.26N	143.71E-09	95-12	4.3b	74	8-149		
BJI	VI 04 20 20 59.1	20.43N	143.62E	42	4.9b,4.5s				
ISC	VI 04 20 21 07.9-1.4	21.21N	143.84E-09	94-14	4.3b,4.5s				
MOS	VI 04 20 21 08.3-1.6	21.22N	143.68E	98	4.3b,4.5s				
NEIC	VI 04 20 21 09.4-1.3	21.29N	143.80E	102-12	4.4b,4.5s				
IDC	VI 04 20 21 10.0-3.3	21.21N	143.65E	109-30	4.1,3.9				
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=13.8km s-min=8.1km az=155.1.								
MOS	Error ellipse: s-maj=18.6km s-min=7.3km az=106.6.								
NEIC	Event type se. Error ellipse: s-maj=14.6km s-min=6.8km az=77.0.								
IDC	Error ellipse: s-maj=27.3km s-min=11.7km az=85.0.								
IDC	VI 21 18 10 09.8-5.3	21.69N	143.63E	50-49	3.6,3.5				
IDC	Error ellipse: s-maj=89.8km s-min=25.5km az=95.0.					¶9600273			
IDC	VI 02 14 29 49.3-2.5	21.05N	143.97E	0	3.8,3.5				
IDC	Error ellipse: s-maj=351.7km s-min=27.7km az=110.0.					¶9599711			
IDC	VI 02 13 39 24.8-2.3	20.91N	143.94E	0	4.0,3.7				
IDC	Error ellipse: s-maj=293.3km s-min=27.4km az=110.0.					¶9599710			
IDC	VI 02 13 37 42.7-2.2	16.70N	143.36E	0	3.9,3.6b				
IDC	Error ellipse: s-maj=324.3km s-min=25.4km az=109.0.					¶9599709			
IDC	VI 01 23 26 04.6-2.6	21.10N	143.78E	0	4.3,3.9b				
IDC	Error ellipse: s-maj=363.0km s-min=26.1km az=109.0.					¶9599681			
IDC	III 19 09 14 28.7-2.3	21.44N	145.01E	0	3.7,3.4b				
IDC	Error ellipse: s-maj=318.8km s-min=30.8km az=110.0.					¶10606473			
IDC	III 20 16 59 00.8-9.9	21.32N	143.94E	0	3.5,3.3b				
IDC	Error ellipse: s-maj=371.0km s-min=30.9km az=75.0.					¶10607321			
IDC	III 27 22 47 40.3-10	15.59N	147.42E	0	3.8,3.7b				
IDC	Error ellipse: s-maj=375.3km s-min=28.2km az=82.0.					¶10612004			
IDC	III 29 22 41 30.9-40	21.04N	143.12E	382-287	3.7,3.2				
IDC	Error ellipse: s-maj=658.5km s-min=62.2km az=179.0.					¶10613118			
IDC	III 31 09 12 40.9-4.4	20.85N	143.50E	0	4.0L,3.7				
IDC	Error ellipse: s-maj=110.9km s-min=47.5km az=9.0.					¶10614317			
ISC	III 01 06 10 23.9-1.6	21.6N-10	143.0E-20	313-13	3.6b	22	6-150		
ISC	III 01 06 10 22.9-1.6	21.6N-10	143.0E-20	318-13	3.6b				
IDC	III 01 06 10 23.7-1.9	21.64N	143.04E	308-17	4.0,3.5				
NEIC	III 01 06 10 26.5-6.9	21.58N	143.01E	341-72	3.7b,3.5				
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=25.5km s-min=17.1km az=4.5.								
IDC	Error ellipse: s-maj=18.8km s-min=14.1km az=95.0.								
NEIC	Event type se. Error ellipse: s-maj=19.5km s-min=12.3km az=66.0.								
ISC	III 05 22 26 20.6-2.0	21.22N	144.5E-10	45-17	4.3b,3.9s	40	6-145		
ISC	III 05 22 26 17.7-4.5	21.18N	144.3E-10	32-31	4.3b,3.9s				
NEIC	III 05 22 26 18.4-4.5	21.17N	144.39E	27	4.6b,3.9s				
MOS	III 05 22 26 18.0-96	21.21N	144.18E	33	4.6b,3.9s				
IDC	III 05 22 26 18.6-73	21.20N	144.27E	26-4	4.0,4.0				
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=21.5km s-min=10.2km az=163.9.								
NEIC	Event type se. Error ellipse: s-maj=14.4km s-min=8.2km az=79.0.								
MOS	Error ellipse: s-maj=26.0km s-min=12.5km az=109.1.								
IDC	Error ellipse: s-maj=27.4km s-min=12.9km az=89.0.								
ISC	III 07 22 47 58.0-80	14.94N	147.3E-10	35	5.1s,3.9b	15	3-145		
IDC	III 07 22 47 52.5-1.1	14.91N	147.27E	0	4.2L,4.1				
ISC	III 07 22 47 55.6-79	14.94N	147.3E-10	33	5.1s,3.9b				
NEIC	III 07 22 47 57.9-76	14.94N	147.16E	35	4.0b,3.9b				
BJI	III 07 22 47 57.8	14.90N	147.20E	35	5.3b,5.1s				
ISC	Event type se.								
IDC	Error ellipse: s-maj=31.4km s-min=19.0km az=96.0.								
ISC	Event type se. Error ellipse: s-maj=15.8km s-min=10.5km az=67.0.								
NEIC	Event type se. Error ellipse: s-maj=20.7km s-min=11.7km az=93.0.								
ISC	III 12 07 19 10.0-1.8	21.24N	146.6E-20	44-16	4.0b	20	7-147		
ISC	III 12 07 19 07.6-2.1	21.22N	146.4E-20	39-18	4.0b				
NEIC	III 12 07 19 09.7-41	21.25N	146.66E	42	4.0b				
IDC	III 12 07 19 09.9-65	21.24N	146.56E	44-5	4.0,4.0				
ISC	Event type se.								
ISC	Event type se. Error ellipse: s-maj=26.5km s-min=8.3km az=162.8.								
NEIC	Event type se. Error ellipse: s-maj=17.2km s-min=9.0km az=95.0.								
IDC	Error ellipse: s-maj=19.6km s-min=12.9km az=85.0.								
ISC	IV 01 18 28 56.7-1.8	21.7N-10	143.0E-40	309-16	3.3b	10	5-146		
ISC	IV 01 18 28 55.9-1.8	21.7N-10	142.9E-40	315-16	3.3b				
IDC	IV 01 18 28 56.0-1.9	21.66N	143.09E	302-18	3.9,3.3				
ISC	Error ellipse: s-maj=59.0km s-min=19.3km az=177.6.					¶9594037			
IDC	Error ellipse: s-maj=37.6km s-min=13.9km az=89.0.								
ISC	III 22 12 56 21.5-2.3	21.71N	142.92E-08	126-21	4.4b	88	8-150		
MOS	III 22 12 56 18.7-1.0	21.68N	142.78E	113	4.6b				
ISC	III 22 12 56 19.1-2.3	21.66N	142.85E-08	118-21	4.4b				
NEIC	III 22 12 56 21.0-2.9	21.66N	142.91E	121-26	4.5b				
IDC	III 22 12 56 20.2-5.4	21.72N	143.04E	119-49	4.2,4.0				
BJI	III 22 12 56 27.2	22.43N	142.21E	121	4.6b,4.6b				

ISC	Event type se.								
MOS	Error ellipse: s-maj=18.7km s-min=8.1km az=100.9.								
ISC	Event type se. Error ellipse: s-maj=12.8km s-min=8.1km az=151.8.								
NEIC	Event type se. Error ellipse: s-maj=14.3km s-min=7.3km az=88.0.								
IDC	III 03 17 57 10.7-7.7	21.91N	143.42E	301-78	3.7,3.2				
IDC	Error ellipse: s-maj=106.1km s-min=17.4km az=79.0.								
IDC	III 05 22 33 32.3-97	21.23N	144.29E	0	3.8,3.6b				

ISCJB	II	03 15 02 01.5-84	19.0N-10	148.0E-20	33	3.7b,3.6		
NEIC	II	03 15 02 04.6-72	19.01N	147.98E	45	4.3b,3.6		
ISC	Event type se.							
IDC	Error ellipse: s-maj=42.6km s-min=22.2km az=100.0.							
ISCJB	Event type se. Error ellipse: s-maj=32.4km s-min=15.3km az=175.5.							
NEIC	Event type se. Error ellipse: s-maj=28.6km s-min=13.6km az=88.0.							
ISC	II	04 00 01 60.0-1.3	17.6N-10	147.4E-30	35	3.7b	7	39-64
IDC	II	04 00 01 54.7-1.3	17.64N	147.41E	0	3.8,3.6		19569736
ISCJB	II	04 00 01 57.7-1.2	17.7N-10	147.4E-30	33	3.7b,3.6		
NEIC	II	04 00 01 60.0-88	17.63N	147.39E	35	4.3b,3.6		
ISC	Event type se.							
IDC	Error ellipse: s-maj=50.8km s-min=22.6km az=93.0.							
ISCJB	Event type se. Error ellipse: s-maj=47.9km s-min=17.2km az=4.1.							
NEIC	Event type se. Error ellipse: s-maj=35.9km s-min=13.8km az=92.0.							
IDC	II	07 18 29 09.0-14	21.79N	142.32E	0	3.6,3.4b		19570156
IDC	Error ellipse: s-maj=552.9km s-min=30.9km az=73.0.							
ISC	II	09 18 06 38.8-81	21.1N-10	144.2E-20	250	3.5b	14	40-84
MOS	II	09 18 06 13.4-1.3	21.27N	144.50E	33	4.5b		18319213
NEIC	II	09 18 06 33.3-61	21.13N	144.34E	200	4.1b		
ISCJB	II	09 18 06 37.1-80	21.1N-10	144.2E-20	250	3.5b		
IDC	II	09 18 06 40.2-11	21.08N	144.29E	266-115	3.8,3.4		
ISC	Event type se.							
MOS	Error ellipse: s-maj=42.3km s-min=21.1km az=110.3.							
NEIC	Event type se. Error ellipse: s-maj=29.9km s-min=13.4km az=82.0.							
ISCJB	Event type se. Error ellipse: s-maj=28.7km s-min=16.7km az=163.9.							
IDC	Error ellipse: s-maj=35.3km s-min=18.8km az=67.0.							
IDC	II	11 16 41 49.2-3.4	21.48N	144.28E	124-28	3.8,3.6		19570517
IDC	Error ellipse: s-maj=29.8km s-min=20.5km az=97.0.							
ISC	II	13 12 23 38.8-2.1	16.7N-10	144.7E-30	90-25	3.4b	11	3-80
ISCJB	II	13 12 23 07-2.4	16.7N-10	144.6E-30	90-27	3.4b		19570688
IDC	II	13 12 23 38.8-3.2	16.77N	144.56E	89-33	3.6,3.5		
NEIC	II	13 12 23 39.3-1.8	16.74N	144.57E	93-21	3.6,3.5		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=46.7km s-min=23.1km az=177.1.							
IDC	Error ellipse: s-maj=38.5km s-min=22.2km az=96.0.							
NEIC	Event type se. Error ellipse: s-maj=34.7km s-min=17.3km az=89.0.							
IDC	II	13 13 17 07.7-11	20.70N	146.78E	0	3.3,3.2		19570693
IDC	Error ellipse: s-maj=397.9km s-min=31.2km az=77.0.							
IDC	II	13 13 36 39.8-16	21.50N	143.23E	303-172	3.8,3.3		19570694
IDC	Error ellipse: s-maj=31.9km s-min=25.5km az=77.0.							
ISC	II	14 15 27 25.1-42	20.93N-02	146.21E-02	49-3	6.0b,6.0s	738	7-166
NIED	II	14 15 27 00	21.70N	146.40E	11	6.1W,6.0s		18083801
CRAAG	II	14 15 27 17.4	20.81N	146.09E		6.3b,6.0s		
MOS	II	14 15 27 21.0-96	20.79N	146.13E	33	6.3b,5.9s		
BJI	II	14 15 27 21.7	20.90N	146.07E	28	5.9s,5.9b		
ISCJB	II	14 15 27 22.6-48	20.88N-02	146.21E-02	43-4	6.0b,6.0s		
NEIC	II	14 15 27 23.3-12	20.82N	146.18E	40	6.2W,6.2b		
IDC	II	14 15 27 23.4-1.6	20.80N	146.25E	40-12	5.9,5.9s		
HRVD	II	14 15 27 23.3-10	20.92N	146.35E	41-0	6.3W,5.9s		
JMA	II	14 15 27 25.0-30	21.65N	146.41E	0	6.6,5.9s		
NAO	II	14 15 27 32.8	21.75N	141.58E	33	6.1b,5.9s		
ISC	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=199.00000°,λ=131.00000°,δ=98.00000°; NP2:φ=98.00000°,λ=15.00000°,δ=1.48000°×10 ¹⁸							
MOS	Error ellipse: s-maj=7.5km s-min=4.2km az=107.2.							
ISCJB	Event type se. Error ellipse: s-maj=3.2km s-min=3.1km az=99.0.							
NEIC	Event type se. Error ellipse: s-maj=3.9km s-min=3.2km az=180.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M ₀ =1.60000×10 ¹⁸ Moment Tensor Solution. s50 Moment tensor. Scale 10 ¹⁸ Nm; M _{rr} -1.04 M _{θθ} 1.16 M _{φφ} -0.12 M ₂₂ -2.02 M ₃₃ -0.75 M ₄₄ Best double couple: NP1: φ=112.00000°,λ=80.00000°,δ=67.00000°; NP2:φ=224.00000°,λ=157.00000°; Principal axes: T 2.3600 P1g32.0000°; Azm173.0000°; N 0.7500 P1g22.0000°; Azm288.0000°; P -3.1100 P1g49.0000°; Azm47.0000°; M2 700000×10 ¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=222.00000°,λ=171.00000°,δ=125.00000°; NP2:φ=85.00000°,λ=55.00000°; Principal axes: T P1g31.0000°; Azm187.0000°; N P1g0.0000°; Azm0.0000°; P P1g40.0000°; Azm67.0000°							
IDC	Error ellipse: s-maj=10.9km s-min=10.2km az=81.0.							
HRVD	Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s104,c245; Mantle waves: s99,c393; Half duration: 0.39 Moment tensor: Scale 10 ¹⁸ Nm; M _{rr} -0.85±0.1 M _{θθ} 1.89±0.1; M _{φφ} -1.03±0.1; M ₂₂ -2.09±0.3; M ₃₃ -0.93±0.1; M ₄₄ 1.48±0.2; Best double couple: NP1:φ=234.00000°,λ=158.00000°,δ=27.00000°; NP2:φ=124.00000°,λ=80.00000°,δ=64.00000°; Principal axes: T 3.1740 P1g30.0000°; Azm193.0000°; N -0.2810 P1g25.0000°; Azm299.0000°; P -2.8880 P1g49.0000°; Azm61.0000°; M ₀ 3.03100×10 ¹⁸							
JMA	Error ellipse: s-maj=3.3km s-min=4.1km az=-1.0.							
IDC	II	15 06 02 42.6-9.3	21.14N	145.38E	133-93	3.8L,3.8		19570913
IDC	Error ellipse: s-maj=119.1km s-min=21.6km az=103.0.							
IDC	II	18 13 32 55.3-5.8	19.10N	147.39E	65-55	4.2L,3.4		19571273
IDC	Error ellipse: s-maj=49.8km s-min=28.9km az=86.0.							
ISC	II	20 09 23 45.6-1.9	21.7N-10	143.0E-30	306-18	3.5b	10	5-83
ISCJB	II	20 09 23 44.8-1.9	21.7N-10	143.0E-30	312-18	3.5b		19571633
IDC	II	20 09 23 44.8-2.2	21.65N	143.17E	299-21	3.9,3.4		
ISCJB	Error ellipse: s-maj=52.2km s-min=18.8km az=14.2.							
IDC	Error ellipse: s-maj=40.1km s-min=16.1km az=100.0.							
IDC	II	21 06 18 35.3-2.4	21.69N	143.05E	277-22	3.9,3.5		19579136
IDC	Error ellipse: s-maj=44.7km s-min=16.8km az=101.0.							
IDC	II	27 09 58 52.0-5.8	18.78N	148.03E	0	3.9,3.7b		19579970
IDC	Error ellipse: s-maj=222.5km s-min=22.0km az=81.0.							
ISC	II	28 19 18 32.8-93	16.90N-08	147.0E-20	35	4.0b	23	4-85
IDC	II	28 19 18 27.8-1.5	16.96N	147.09E	0	4.2L,4.1		19580119
ISCJB	II	28 19 18 30.9-92	16.93N-08	146.9E-20	33	4.0b,4.1		
NEIC	II	28 19 18 33.2-2.1	16.91N	146.95E	38-19	4.3b,4.1		
ISC	Event type se.							
IDC	Error ellipse: s-maj=49.9km s-min=22.5km az=94.0.							
ISCJB	Event type se. Error ellipse: s-maj=23.5km s-min=9.6km az=33.3.							
NEIC	Event type se. Error ellipse: s-maj=21.9km s-min=13.5km az=97.0.							
IDC	V	22 09 50 31.5-2.1	21.48N	143.05E	284-24	4.0,3.2		19599262
IDC	Error ellipse: s-maj=42.3km s-min=16.6km az=87.0.							
IDC	V	24 11 29 07.9-1.8	21.37N	143.10E	0	4.1,3.8b		19599343
IDC	Error ellipse: s-maj=178.4km s-min=21.0km az=110.0.							
ISC	V	23 20 43 46.3-21	21.34N-03	144.30E-04	27	4.8b,4.2s	185	6-151
BJI	V	23 20 43 39.4	20.99N	144.83E	25	4.9b,4.6b		18358457
IDC	V	23 20 43 41.3-50	21.39N	144.25E	0	4.6,4.6		
ISCJB	V	23 20 43 44.2-21	21.31N-04	144.25E-04	26	4.8b,4.2s		
NEIC	V	23 20 43 45.5-20	21.36N	144.12E	26	5.1b,4.2s		
HRVD	V	23 20 43 45.5-30	21.29N	144.16E	14-1	4.9W,4.2s		
MOS	V	23 20 43 45.1-1.2	21.34N	144.15E	33	5.2b,4.2s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=21.8km s-min=11.6km az=90.0.							
ISCJB	Event type se. Error ellipse: s-maj=5.4km s-min=5.0km az=79.4.							
NEIC	Event type se. Error ellipse: s-maj=8.8km s-min=5.1km az=106.0.							
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s23,c31; Mantle waves: s65,c101; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -0.48±0.09 M _{θθ} 2.12±0.8; M _{φφ} 2.60±0.9; M ₂₂ 0.48±0.2; M ₃₃ 0.92±0.7; M ₄₄ 0.01±1.7; Best double couple: NP1:φ=214.00000°,λ=879.00000°,δ=9.00000°; NP2:φ=305.00000°,λ=81.00000°,δ=169.00000°; Principal axes: T 2.7750 P1g1.0000°; Azm79.0000°; N -0.3680 P1g76.0000°; Azm344.0000°; P -2.4100 P1g14.0000°; Azm170.0000°; M ₀ 2.59300×10 ¹⁶							
MOS	Error ellipse: s-maj=10.7km s-min=6.2km az=101.9.							

IDC	V	21 13 23 39.1-4.6	21.37N	144.92E	0	3.8b,3.8		19599232
IDC	Error ellipse: s-maj=203.2km s-min=98.2km az=37.0.							
IDC	V	02 06 15 39.9-89	17.24N	149.27E	0	4.9L,4.1		19598364
IDC	Error ellipse: s-maj=38.7km s-min=17.6km az=107.0.							
IDC	V	16 14 25 12.7-2.2	21.63N	143.06E	292-20	3.9,3.3		19599034
IDC	Error ellipse: s-maj=44.6km s-min=16.6km az=90.0.							
ISC	V	01 22 37 51.9-1.1	20.28N-04	146.92E-06	38-9	4.7b,4.3s	125	7-153
IDC	V	01 22 37 45.9-47	20.27N	146.82E	0	4.7L,4.5		18338304
MOS	V	01 22 37 49.3-1.4	20.29N	146.87E	33	5.0b,4.5s		
ISCJB	V	01 22 37 46.6-1.2	20.24N-04	146.88E-06	35-11	4.7b,4.3s		
BJI	V	01 22 37 51.8	20.09N	147.00E	68	5.2b,4.8b		
NEIC	V	01 22 37 53.5-1.6	20.26N	146.87E	53-14	4.8s,4.7b		
HRVD	V	01 22 37 53.5-50	20.43N	146.79E	93-5	5.0W,4.7b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=24.1km s-min=11.3km az=84.0.							
MOS	Error ellipse: s-maj=14.5km s-min=6.1km az=107.2.							
ISCJB	Event type se. Error ellipse: s-maj=9.9km s-min=6.9km az=156.6.							
NEIC	Event type se. Error ellipse: s-maj=11.7km s-min=6.1km az=81.0.							
HRVD	Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s9,c10; Mantle waves: s44,c64; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -3.58±1.4 M _{θθ} -0.59±1.4; M _{φφ} -2.99±1.6; M ₂₂ 0.01±1.2; M ₃₃ 1.87±1.2; M ₄₄ 0.35±1.8; Best double couple: NP1:φ=148.00000°,λ=843.00000°,δ=86.00000°; NP2:φ=334.00000°,λ=847.00000°,δ=94.00000°; Principal axes: T 3.6010 P1g86.0000°; Azm292.0000°; N 0.4270 P1g3.0000°; Azm152.0000°; P -4.0240 P1g2.0000°; Azm61.0000°; M ₀ 3.81300×10 ¹⁶							
ISC	V	10 03 22 54.0-1.4	21.69N-08	143.2E-20	289-13	3.6b	21	5-83
ISCJB	V	10 03 22 53.2-1.4	21.65N-08	143.2E-20	296-13	3.6b		19131137
IDC	V	10 03 22 54.3-1.9	21.69N	143.19E	288-17	4.0,3.5		
NEIC	V	10 03 22 54.3-3.3	21.64N	143.19E	293-34	3.8b,3.5		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=26.4km s-min=13.1km az=6.6.							
IDC	Error ellipse: s-maj=26.7km s-min=12.8km az=96.0.							
NEIC	Event type se. Error ellipse: s-maj=19.2km s-min=9.4km az=92.0.							
ISC	V	11 07 53 02.4-3.9	19.1N-20	146.6E-40	86-38	3.5b	7	6-87
ISCJB	V	11 07 53 01.4-4.4	19.1N-20	146.5E-40	89-42	3.5b		19131223
IDC	V	11 07 53 02.4-5.3	19.02N	146.81E	86-52	4.4L,3.7		
NEIC	V	11 07 53 02.7-3.2	19.10N	146.59E	88-31	4.0b,3.7		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=64.7km s-min=30.2km az=13.2.							
IDC	Error ellipse: s-maj=97.4km s-min=33.0km az=110.0.							
NEIC	Event type se. Error ellipse: s-maj=46.9km s-min=26.8km az=90.0.							
IDC	V	10 15 03 49.8-1.3	18.34N	143.30E	0	3.9L,3.8		19598732
IDC	Error ellipse: s-maj=90.0km s-min=21.2km az=104.0.							
IDC	V	16 19 09 44.5-3.3	21.1N-1					

ISC	I	11 19 39 53.3-68	21.44N-10	146.1E-10	35	4.3b	20	7-147	
IDC	I	11 19 39 47.9-89	21.41N	146.10E	0	4.3,4.1		¶19480441	
NEIC	I	11 19 39 49.4-45	21.40N	146.11E	10	4.6b,4.1			
ISCJB	I	11 19 39 51.1-69	21.4N-10	146.0E-10	33	4.3b,4.1			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	I	18 03 52 51.6-15	21.46N-02	144.21E-02	135	5.4b	474	5-167	
NIED	I	18 03 52 00	21.70N	144.50E	113	5.3W		¶18036030	
CSEM	I	18 03 52 46.2	21.46N	144.18E	100	5.7b			
MOS	I	18 03 52 49.6-82	21.42N	144.13E	132	5.6b			
ISCJB	I	18 03 52 49.7-14	21.41N-02	144.19E-02	133	5.4b			
BJI	I	18 03 52 50.5	21.60N	144.30E	133	5.1b,5.0b			
IDC	I	18 03 52 50.4-1.2	21.36N	144.16E	134-10	5.6,5.3			
JMA	I	18 03 52 51.2-30	21.65N	144.54E	121-4	6.0,5.3			
NEIC	I	18 03 52 51.6-12	21.40N	144.19E	139	5.6b,5.4W			
HRVD	I	18 03 52 51.6-20	21.47N	144.54E	131-1	5.4W,5.4W			
SZGRF	I	18 03 52 58.9	25.70N	142.52E	33	5.3b,5.4W			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=76.00000°;δ67.00000°;λ=68.00000°; NP2:φ=210.00000°;δ31.00000°;λ=131.00000°; M0:1.08000×10 ¹⁷								
MOS	Error ellipse: s-maj=7.6km s-min=4.4km az=101.6.								
ISCJB	Event type se. Error ellipse: s-maj=3.5km s-min=3.0km az=101.5.								
IDC	Error ellipse: s-maj=13.1km s-min=8.4km az=85.0.								
JMA	Error ellipse: s-maj=3.3km s-min=5.2km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=3.8km s-min=3.5km az=158.0. Moment Tensor Solution. s8 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} -1.16 M _{θθ} 0.96 M _{φφ} 0.21 M _{rr} -0.64 M _{θθ} 0.58 M _{φφ} 0.15								
HRVD	Best double couple: NP1:φ=224.00000°;δ37.00000°;λ=120.00000°; NP2:φ=79.00000°;δ59.00000°;λ=69.00000°; Principal axes: T 1.3800Plg11.0000°;AzM155.0000°; N 0.0300Plg17.0000°;AzM248.0000°; P -1.4000Plg69.0000°;AzM33.0000°; M0:1.4000×10 ¹⁷								
ISC	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
LP body waves:	s87 c173;Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} -1.15±0.03 M _{θθ} 0.81±0.03; M _{φφ} 0.33±0.03; M _{rr} -0.73±0.03; M _{θθ} 0.80±0.03; M _{φφ} 0.15±0.03; Best double couple: NP1:φ=210.00000°;δ39.00000°;λ=128.00000°; NP2:φ=76.00000°;δ60.00000°;λ=63.00000°; Principal axes: T 1.5110Plg11.0000°;AzM147.0000°; N -0.0170Plg23.0000°;AzM242.0000°; P -1.4900Plg64.0000°;AzM33.0000°; M0:1.5010×10 ¹⁷								
SZGRF	Volcano Islands, Japan, region.								
ISC	I	15 20 28 40.3-61	20.60N-07	147.0E-10	35	4.1b	27	18-99	
IDC	I	15 20 28 34.9-1.0	20.58N	147.05E	0	4.1,4.0		¶19481831	
ISCJB	I	15 20 28 38.2-62	20.58N-07	147.1E-10	33	4.1b,4.0			
NEIC	I	15 20 28 40.5-53	20.59N	147.03E	40	4.5b,4.0			
ISC	Event type se.								
IDC	Error ellipse: s-maj=30.9km s-min=26.6km az=88.0.								
ISCJB	Event type se. Error ellipse: s-maj=15.5km s-min=10.2km az=162.0.								
NEIC	Event type se. Error ellipse: s-maj=14.4km s-min=9.0km az=81.0.								
ISC	I	14 17 24 08.6-75	21.96N-09	144.8E-20	100	4.0b	14	6-148	
IDC	I	14 17 23 56.3-96	22.02N	144.76E	0	4.1,3.9		¶19481443	
ISCJB	I	14 17 24 07.2-75	21.91N-09	144.8E-20	100	4.0b,3.9			
NEIC	I	14 17 24 10.7-7.6	21.95N	144.72E	118-68	4.6b,3.9			
ISC	Event type se.								
IDC	Error ellipse: s-maj=41.4km s-min=26.9km az=95.0.								
ISCJB	Event type se. Error ellipse: s-maj=22.7km s-min=12.9km az=7.4.								
NEIC	Event type se. Error ellipse: s-maj=29.1km s-min=13.3km az=96.0.								
IDC	VI	25 04 10 46.5-3.2	21.73N	143.59E	311-24	3.7,3.1		¶19600416	
IDC	Error ellipse: s-maj=169.6km s-min=18.9km az=82.0.								
ISC	VI	26 19 53 53.0-3.9	16.84N-09	147.3E-40	70-28	3.7b	15	4-146	
ISCJB	VI	26 19 53 51.7-4.1	16.85N-10	147.2E-40	73-20	3.7b		¶19222671	
IDC	VI	26 19 53 52.6-5.4	16.85N	147.22E	64-44	4.0L,3.7			
NEIC	VI	26 19 53 53.1-2.7	16.83N	147.23E	72-22	4.3b,3.7			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=59.7km s-min=15.9km az=7.0.								
IDC	Error ellipse: s-maj=50.7km s-min=16.9km az=84.0.								
NEIC	Event type se. Error ellipse: s-maj=37.2km s-min=11.0km az=83.0.								
ISC	IV	19 01 38 45.9-6.2	12.32N-07	148.1E-10	34-43	4.2b,3.6s	31	3-147	
IDC	IV	19 01 38 40.4-7.3	12.37N	148.18E	0	4.4,4.2		¶18320771	
BJI	IV	19 01 38 43.8	12.30N	148.20E	30	4.7b,4.2			
ISCJB	IV	19 01 38 44.5-3.0	12.30N-06	148.1E-20	39-25	4.2b,3.6s			
NEIC	IV	19 01 38 44.8-5.6	12.30N	148.16E	30	4.4b,3.6s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=27.1km s-min=15.7km az=102.0.								
ISCJB	Event type se. Error ellipse: s-maj=24.8km s-min=10.4km az=165.4.								
NEIC	Event type se. Error ellipse: s-maj=19.3km s-min=9.9km az=87.0.								
(216) Mariana Islands.									
ISC	IV	01 05 44 17.8-14	18.59N-03	145.31E-03	517	5.0b	427	5-167	
MOS	IV	01 05 44 16.9-9.3	18.60N	145.24E	522	5.1b		¶18228620	
ISCJB	IV	01 05 44 16.4-14	18.56N-03	145.26E-03	516	5.0b			
BJI	IV	01 05 44 17.9	18.75N	145.48E	534	4.9b,4.8b			
NEIC	IV	01 05 44 18.6-5.4	18.59N	145.25E	532-6	5.1b,4.8b			
HRVD	IV	01 05 44 18.6-7.0	18.67N	145.51E	526-4	5.4W,4.8b			
IDC	IV	01 05 44 20.0-7.7	18.58N	145.24E	549-8	5.5,4.6b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=8.4km s-min=5.0km az=99.3.								
ISCJB	Event type se. Error ellipse: s-maj=3.6km s-min=3.4km az=22.6.								
NEIC	Event type se. Error ellipse: s-maj=4.2km s-min=3.6km az=120.0.								
HRVD	Error ellipse: s-maj=6.7km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s36c45;Half duration: 1s1								
Moment tensor:	Scale 10 ¹⁷ Nm; M _{rr} -1.36±0.08 M _{θθ} 0.76±0.15; M _{φφ} 0.59±0.18; M _{rr} -0.45±0.17; M _{θθ} 0.56±0.12; M _{φφ} 0.07±0.20; Best double couple: NP1:φ=221.00000°;δ37.00000°;λ=104.00000°; NP2:φ=58.00000°;δ54.00000°;λ=80.00000°; Principal axes: T 1.3080Plg9.0000°; AzM141.0000°; N 0.1430Plg8.0000°;AzM232.0000°; P -1.4540Plg78.0000°;AzM6.0000°; M0:1.3810×10 ¹⁷								
IDC	Error ellipse: s-maj=8.4km s-min=4.9km az=90.0.								
ISC	IV	09 12 58 29.1-36	14.74N-04	146.54E-06	35	4.5b,3.6s	80	2-147	
IDC	IV	09 12 58 23.8-51	14.79N	146.54E	0	4.4,4.4		¶18320224	
ISCJB	IV	09 12 58 26.8-35	14.77N-04	146.55E-06	33	4.5b,3.6s			
MOS	IV	09 12 58 26.9-1.2	14.82N	146.46E	33	4.7b,3.6s			
BJI	IV	09 12 58 28.3	14.74N	146.86E	64	5.0b,4.8b			
NEIC	IV	09 12 58 30.2-1.5	14.74N	146.43E	46-13	4.6b,4.8b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=20.6km s-min=12.3km az=98.0.								
ISCJB	Event type se. Error ellipse: s-maj=8.8km s-min=5.7km az=42.1.								
MOS	Error ellipse: s-maj=15.2km s-min=8.4km az=94.9.								
NEIC	Event type se. Error ellipse: s-maj=9.4km s-min=6.3km az=88.0.								
IDC	IV	13 02 56 35.6-89	13.56N	144.45E	152-12	3.2,3.0		¶19594785	
IDC	Error ellipse: s-maj=57.0km s-min=26.5km az=98.0.								
IDC	IV	13 10 28 53.3-60	13.65N	144.87E	99-8	3.4,3.3		¶19594802	
IDC	Error ellipse: s-maj=38.6km s-min=27.2km az=104.0.								
IDC	IV	13 12 15 45.5-2.1	18.01N	144.19E	0	3.8,3.5b		¶19594807	
IDC	Error ellipse: s-maj=196.4km s-min=27.2km az=113.0.								
ISC	IV	13 15 49 28.5-1.1	18.88N-05	145.41E-10	232-11	4.0b	53	5-158	
ISCJB	IV	13 15 49 27.8-1.1	18.88N-06	145.32E-10	238-11	4.0b		¶18320461	
NEIC	IV	13 15 49 28.7-98	18.91N	145.30E	233-10	4.1b			
IDC	IV	13 15 49 28.3-1.4	18.88N	145.39E	228-13	4.3,4.0			
BJI	IV	13 15 49 31.0	19.69N	145.08E	202	4.8b,4.5b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=15.3km s-min=8.9km az=176.7.								
NEIC	Event type se. Error ellipse: s-maj=12.4km s-min=5.9km az=91.0.								
IDC	Error ellipse: s-maj=18.4km s-min=9.2km az=95.0.								
IDC	IV	13 18 17 47.3-1.7	13.84N	145.23E	108-19	3.4,3.3		¶19594818	
IDC	Error ellipse: s-maj=117.9km s-min=23.0km az=108.0.								
ISC	IV	01 03 24 27.8-1.0	17.81N-04	146.0E-10	133-9	4.1b	43	4-133	
ISCJB	IV	01 03 24 26.2-1.1	17.78N-04	146.1E-10	135-10	4.1b		¶18228613	

IDC	IV	01 03 24 27.8-1.6	17.80N	146.12E	134-14	4.4,3.9			
NEIC	IV	01 03 24 28.8-1.2	17.78N	146.03E	143-11	4.3b,3.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=19.5km s-min=7.3km az=0.4.								
IDC	Error ellipse: s-maj=21.6km s-min=8.2km az=91.0.								
NEIC	Event type se. Error ellipse: s-maj=13.9km s-min=6.8km az=90.0.								
ISC	IV	17 00 45 35.8-80	18.1N-10	145.3E-20	35	3.7b	8	22-79	
IDC	IV	17 00 45 30.2-1.7	18.01N	145.46E	0	3.9,3.6b		¶19595059	
ISCJB	IV	17 00 45 33.7-80	18.0N-10	145.3E-20	33	3.7b,3.6b			
NEIC	IV	17 00 45 34.4-66	18.02N	145.29E	25	4.0b,3.6b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=292.6km s-min=21.4km az=111.0.								
ISCJB	Event type se. Error ellipse: s-maj=36.5km s-min=15.7km az=46.8.								
NEIC	Event type se. Error ellipse: s-maj=29.8km s-min=13.2km az=114.0.								
IDC	IV	28 06 58 27.1-1.1	20.40N	145.54E	0	3.9,3.8		¶19598133	
IDC	Error ellipse: s-maj=50.1km s-min=22.6km az=92.0.								
IDC	IV	28 08 36 08.3-3.9	15.54N	145.10E	231-10	3.8,3.4		¶19598138	
IDC	Error ellipse: s-maj=117.6km s-min=26.0km az=82.0.								
ISC	IV	29 10 50 14.8-1.7	18.3N-10	145.7E-20	245-16	3.4b	16	5-78	
ISCJB	IV	29 10 50 14.5-1.7	18.3N-10	145.6E-20	257-16	3.3b		¶19598192	
IDC	IV	29 10 50 14.3-1.9	18.32N	145.63E	239-20	3.7,3.3			
NEIC	IV	29 10 50 15.9-1.2	18.30N	145.64E	257-12	3.8b,3.3			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=32.9km s-min=16.6km az=172.1.								
IDC	Error ellipse: s-maj=30.1km s-min=14.3km az=104.0.								
NEIC	Event type se. Error ellipse: s-maj=19.1km s-min=9.8km az=86.0.								
ISC	IV	19 04 04 32.7-1.4	18.89N-08	145.5E-10	261-14	3.9b	35	5-148	
ISCJB	IV	19 04 04 32.8-1.3	18.85N-08	145.4E-10	275-14	3.9b		¶18320775	
IDC	IV	19 04 04 32.5-1.9	18.90N	145.46E	256-20	4.3,3.8			
NEIC	IV	19 04 04 34.0-1.2	18.84N	145.41E	274-12	4.0b,3.8			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=19.3km s-min=12.5km az=168.6.								
IDC	Error ellipse: s-maj=17.8km s-min=12.8km az=80.0.								
NEIC	Event type se. Error ellipse: s-maj=13.8km s-min=8.6km az=83.0.								
ISC	VI	04 14 06 33.1-1.5	14.8N-10	145.8E-10	109-13	4.4b	31	1-91	
ISCJB	VI	04 14 06 32.9-1.3	14.8N-10	145.6E-10	121-12	4.4b		¶18787665	
MOS	VI	04 14 06 32.8-89	14.80N	145.66E	125	4.6b			
IDC	VI	04 14 06 33.5-1.5	14.80N	145.63E	112-14	4.2,4.0			
NEIC	VI	04 14 06 34.1-1.2	14.75N	145.74E	121-11	5.0b,4.0			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=21.3km s-min=19.3km az=133.0.								
MOS	Error ellipse: s-maj=23.5km s-min=15.0km az=112.1.								
IDC	Error ellipse: s-maj=27.9km s-min=19.1km az=100.0.								
NEIC	Event type se. Error ellipse: s-maj=14.7km s-min=13.0km az=62.0.								
ISC	III	13 20 17 06.2-63	13.81N-06	145.0E-10	131-5	4.3b	45	0-148	
BJI	III	13 20 16 59.4	13.39N	145.56E	135	5.2b,4.7b		¶110603192	
ISCJB	III	13 20 17 05.0-65	13.79N-06	145.0E-10					

MOS Error ellipse: s-maj=37.6km s-min=15.7km az=96.8.
 NEIC Event type se. Error ellipse: s-maj=16.8km s-min=13.0km az=64.0.
ISC I 04 17 11 53.2-24 55.67N-03 160.92E-07 164-2 3.9b 116 0-145
 IDC I 04 17 11 50.2-8 55.79N 160.75E 125-27 4.1,3.9 **¶18184886**
 MOS I 04 17 11 51.7-92 55.78N 160.77E 162 4.1b,3.9
 KRSC I 04 17 11 51-50 55.62N 161.05E 169-2 4.2L,3.9
 ISC I 04 17 11 52.3-24 55.68N-03 160.91E-07 167-2 3.9b,3.9
 NEIC I 04 17 11 56.7-2.0 55.84N 160.69E 190-18 4.1b,3.9
 ISC Event type se.
 IDC Error ellipse: s-maj=16.8km s-min=10.1km az=162.0.
 MOS Error ellipse: s-maj=16.4km s-min=8.5km az=81.7.
 KRSC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=7.4km s-min=3.9km az=54.8.
 NEIC Event type se. Error ellipse: s-maj=12.1km s-min=6.5km az=168.0.

(218) Near east coast of Kamchatka Peninsula.

ISC IV 13 04 35 05.1-53 54.57N-02 161.70E-05 16-3 3.5b 87 0-85
 IDC IV 13 04 35 03.7-93 54.82N 161.29E 0 4.0,3.7 **¶18645979**
 ISCJB IV 13 04 35 04.6-49 54.59N-02 161.71E-05 18-3 3.5b,3.7
 NEIC IV 13 04 35 05.0-7.4 54.80N 161.32E 8-47 3.5b,3.7
 MOS IV 13 04 35 04.0-1.3 54.61N 161.67E 19 4.3b,3.7
 KRSC IV 13 04 35 04.3-7.0 54.61N 161.67E 16-2 4.3L,3.7
 ISC Event type se.
 IDC Error ellipse: s-maj=56.0km s-min=19.4km az=136.0.
 ISCJB Event type se. Error ellipse: s-maj=5.1km s-min=2.8km az=38.8.
 NEIC Event type se. Error ellipse: s-maj=39.7km s-min=11.8km az=136.0.
 MOS Error ellipse: s-maj=19.0km s-min=8.2km az=76.3.
 KRSC Event type se.

ISC IV 16 01 59 55.4-80 54.57N-02 161.95E-08 21-7 75 0-3
 MOS IV 16 01 59 53.7-58 54.55N 161.99E 15 4.0b **¶18646077**
 KRSC IV 16 01 59 54.9-1.2 54.58N 161.89E 21-2 4.1L
 ISCJB IV 16 01 59 55.0-77 54.56N-02 161.95E-08 26-7 4.1L
 ISC Event type se.
 IDC Error ellipse: s-maj=6.7km s-min=4.4km az=10.1. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s23,c29; Mantle waves: s47,c71; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr:1.37±0.10 Mw:0.49±0.09; Mw-0.88±0.08; Mo:0.28±0.07; Mo-0.45±0.06; Best double couple: NP1-φ220.0000°; δ35.0000°; δ94.0000°; NP2-φ35.0000°; δ55.0000°; δ87.0000°; Principal axes: T 1.4670,Plg80.0000°; Azm294.0000°; N 0.1080,Plg2.0000°; Azm37.0000°; P -1.5760,Plg10.0000°; Azm127.0000°; M1.52100°x10¹⁶

KRSC Event type se.
 SZGRF Kamchatka Peninsula, Russia.
KRSC III 09 09 46 31.0-50 56.27N 163.06E 2-1 4.1L
 MOS III 09 09 46 31.2-71 56.24N 163.14E 6 4.3b **¶10600162**
 KRSC Event type se.
 MOS Error ellipse: s-maj=32.0km s-min=16.2km az=58.1.
KRSC III 19 10 23 52.8-1.2 55.08N 161.79E 59-6 4.4L
 MOS III 19 10 23 53.2-84 55.11N 161.67E 60 4.3b **¶10606504**
 KRSC Event type se.
 MOS Error ellipse: s-maj=36.3km s-min=13.2km az=78.0.
KRSC III 31 20 20 33.6-30 55.92N 161.45E 113-2 3.9L
 MOS III 31 20 20 33.3-76 55.97N 161.52E 111 4.0b **¶10614665**
 KRSC Event type se.

MOS Error ellipse: s-maj=60.8km s-min=14.6km az=78.8.
ISC VI 07 15 15 54.7-60 54.61N-02 161.86E-07 17-3 4.0b,3.4s 101 0-85
 KRSC VI 07 15 15 52.6-70 54.58N 162.07E 20-2 4.6L,3.8s **¶10698823**
 MOS VI 07 15 15 53.2-95 54.57N 161.92E 20 4.3b,3.4s
 ISCJB VI 07 15 15 54.3-59 54.60N-02 161.85E-06 21-4 4.0b,3.4s
 NEIC VI 07 15 15 58.7-2.0 54.74N 161.22E 43-20 4.0b,3.4s
 IDC VI 07 15 16 02.7-7.6 54.70N 161.14E 80-70 3.9,3.8
 ISC Event type se.
 KRSC Event type se.
 MOS Error ellipse: s-maj=17.8km s-min=8.8km az=76.8.
 ISCJB Event type se. Error ellipse: s-maj=6.2km s-min=2.7km az=31.3.
 NEIC Event type se. Error ellipse: s-maj=21.6km s-min=13.0km az=134.0.
 IDC Error ellipse: s-maj=25.1km s-min=18.5km az=125.0.
ISC VI 08 14 39 11.4-63 54.59N-02 161.94E-07 22-4 82 0-5
 ISCJB VI 08 14 39 10.8-61 54.58N-02 161.94E-07 25-4 **¶10628706**
 MOS VI 08 14 39 10.6-49 54.55N 161.83E 20 4.3b
 KRSC VI 08 14 39 10.0-70 54.58N 161.98E 22-2 4.2L

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=6.6km s-min=2.8km az=34.6.
 MOS Error ellipse: s-maj=22.8km s-min=10.8km az=72.5.
 KRSC Event type se.
ISC VI 29 12 25 00.2-34 55.09N-02 161.15E-06 94-4 3.8b 100 1-56
 IDC VI 29 12 24 51.5-1.2 55.25N 161.43E 0 4.2,3.9b **¶18938607**
 MOS VI 29 12 24 58.8-2.6 55.24N 160.80E 92 4.4b,3.9b
 ISCJB VI 29 12 24 59.4-33 55.08N-02 161.19E-06 96-4 3.8b,3.9b
 KRSC VI 29 12 24 59.3-1.2 55.07N 161.17E 90-3 4.1L,3.9b

ISC Event type se.
 IDC Error ellipse: s-maj=93.8km s-min=21.2km az=142.0.
 MOS Error ellipse: s-maj=20.6km s-min=8.2km az=75.3.
 ISCJB Event type se. Error ellipse: s-maj=5.8km s-min=2.7km az=43.4.
 KRSC Event type se.
ISC VI 04 02 31 15.0-13 53.87N-02 159.43E-03 95 4.4b 365 1-111
 BJI VI 04 02 31 10.9 53.95N 159.98E 102 4.7b,4.7b **¶10698760**
 KRSC VI 04 02 31 13.9-70 53.63N 159.86E 104-3 4.6L,4.7b
 ISCJB VI 04 02 31 13.5-13 53.96N-03 159.48E-04 93 4.4b,4.7b
 NEIC VI 04 02 31 14.7-15 53.92N 159.37E 93 4.5b,4.7b
 MOS VI 04 02 31 14.1-99 53.78N 159.51E 107 4.5b,4.7b
 IDC VI 04 02 31 15.2-64 53.91N 159.34E 95-4 4.4,4.2

ISC Event type se.
 IDC Error ellipse: s-maj=20.8km s-min=9.7km az=73.1.
 ISCJB Event type se. Error ellipse: s-maj=4.6km s-min=2.7km az=41.6.
 KRSC Event type se.
 NEIC Event type se. Error ellipse: s-maj=24.9km s-min=12.9km az=144.0.
 IDC Error ellipse: s-maj=95.5km s-min=18.2km az=52.0.
KRSC IV 22 06 11 52.1-80 56.09N 163.84E 7-2 3.8L ¶10261472

KRSC Event type se.
ISC III 15 00 46 04.7-41 51.25N-05 157.12E-07 140-2 4.2b 183 0-146
 SKHL III 15 00 46 00.4-50 50.50N 158.10E 33-0 5.2b **¶10603908**
 ISCJB III 15 00 46 03.5-42 51.23N-05 157.13E-07 142-2 4.2b
 MOS III 15 00 46 03.5-1.1 51.29N 157.05E 137 4.1b
 KRSC III 15 00 46 03.0-1.2 51.05N 157.51E 115-6 4.6L
 IDC III 15 00 46 04.3-2.8 51.41N 156.93E 133-26 4.2,4.0
 BJI III 15 00 46 04.0 51.21N 157.12E 158 5.0b,4.7b
 NEIC III 15 00 46 06.2-37 51.33N 157.02E 151 4.2b,4.7b
 ISC Event type se.
 IDC Error ellipse: s-maj=9.8km s-min=4.0km az=99.7.
 MOS Error ellipse: s-maj=11.5km s-min=5.7km az=79.1.
 KRSC Event type se.

IDC Error ellipse: s-maj=15.7km s-min=11.1km az=152.0.
 NEIC Event type se. Error ellipse: s-maj=10.8km s-min=6.7km az=141.0.
KRSC III 16 12 30 54.0-1.4 51.19N 158.13E 40-23 3.8L ¶10604780

KRSC Event type se.
KRSC III 20 19 05 05.8-1.3 56.22N 162.82E 16-1 4.1L
 MOS III 20 19 05 06.2-2.0 56.21N 162.70E 8 4.1b **¶10607387**
 KRSC Event type se.
 MOS Error ellipse: s-maj=20.9km s-min=12.0km az=68.2.
KRSC III 22 09 26 43.5-70 54.43N 161.72E 29-5 3.9L ¶10608346

KRSC Event type se.
ISC III 04 10 00 44.0-52 53.10N-04 160.24E-06 45-6 3.6b 80 0-80
 IDC III 04 10 00 35.2-88 53.40N 160.32E 0 3.8,3.7L **¶10597116**
 NEIC III 04 10 00 40.7-2.6 53.38N 160.41E 39-23 4.1b,3.7L
 ISCJB III 04 10 00 42.9-52 53.11N-03 160.29E-06 49-5 3.6b,3.7L
 MOS III 04 10 00 43.2-1.3 53.15N 160.23E 43 3.9b,3.7L
 KRSC III 04 10 00 43.2-40 53.14N 160.23E 42-3 4.0L,3.7L
 ISC Event type se.
 IDC Error ellipse: s-maj=28.0km s-min=12.3km az=172.0.
 NEIC Event type se. Error ellipse: s-maj=30.2km s-min=15.3km az=124.0.
 ISCJB Event type se. Error ellipse: s-maj=8.0km s-min=3.3km az=80.8.
 MOS Error ellipse: s-maj=18.5km s-min=9.5km az=74.4.
 KRSC Event type se.
ISC III 29 22 32 23.5-33 55.61N-02 162.06E-06 76-3 3.7b 81 1-84
 IDC III 29 22 32 14.9-2.7 55.61N 161.67E 0 4.0,3.7b **¶10613113**

NEIC III 29 22 32 19.6-71 55.53N 161.64E 35 3.9b,3.7b
 ISCJB III 29 22 32 22.6-32 55.59N-02 162.06E-05 80-3 3.7b,3.7b
 MOS III 29 22 32 22.5-1.4 55.65N 161.87E 79 4.0b,3.7b
 KRSC III 29 22 32 22.2-40 55.58N 162.07E 76-4 4.0L,3.7b
 ISC Event type se.
 IDC Error ellipse: s-maj=71.4km s-min=21.9km az=6.0.
 NEIC Event type se. Error ellipse: s-maj=20.4km s-min=10.1km az=175.0.
 ISCJB Event type se. Error ellipse: s-maj=5.2km s-min=3.7km az=30.2.
 MOS Error ellipse: s-maj=20.0km s-min=8.9km az=86.0.
 KRSC Event type se.
III 06 12 54 17.9-60 54.00N 161.33E 22-6 3.9L ¶10598411

KRSC Event type se.
ISC III 02 11 41 19.2-20 52.33N-03 158.87E-04 53 4.8b,3.9s 366 0-148
 MOS III 02 11 41 16.3-95 52.56N 158.83E 33 5.2b,3.8s **¶10595747**
 BJI III 02 11 41 17.6 52.71N 158.98E 61 4.8b,4.7b
 ISCJB III 02 11 41 17.4-20 52.26N-02 158.96E-04 51 4.8b,3.9s
 IDC III 02 11 41 19.6-2.8 52.58N 158.71E 51-25 4.7,4.6
 NEIC III 02 11 41 19.8-19 52.51N 158.80E 51 5.0b,4.6
 HRVD III 02 11 41 19.8-60 52.44N 159.29E 73-4 4.7W,4.6
 KRSC III 02 11 41 21.1-90 52.44N 159.14E 43-6 5.2L,4.6
 SZGRF III 02 11 41 22.5 53.14N 157.57E 33 5.1b,4.6

ISC Event type se.
 MOS Event type se. Error ellipse: s-maj=9.8km s-min=5.4km az=94.8. Felt (II-III) at Petropavlovsk-Kamchatskii. Moment Tensor Solution.
 ISCJB Event type se. Error ellipse: s-maj=4.1km s-min=2.9km az=77.1.
 IDC Error ellipse: s-maj=14.2km s-min=11.6km az=152.0.
 NEIC Event type se. Error ellipse: s-maj=5.6km s-min=3.9km az=168.0. Felt [III] at Petropavlovsk-Kamchatskii.

HRVD Error ellipse: s-maj=6.7km s-min=4.4km az=10.1. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s23,c29; Mantle waves: s47,c71; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr:1.37±0.10 Mw:0.49±0.09; Mw-0.88±0.08; Mo:0.28±0.07; Mo-0.45±0.06; Best double couple: NP1-φ220.0000°; δ35.0000°; δ94.0000°; NP2-φ35.0000°; δ55.0000°; δ87.0000°; Principal axes: T 1.4670,Plg80.0000°; Azm294.0000°; N 0.1080,Plg2.0000°; Azm37.0000°; P -1.5760,Plg10.0000°; Azm127.0000°; M1.52100°x10¹⁶

KRSC Event type se.
 SZGRF Kamchatka Peninsula, Russia.
KRSC III 09 09 46 31.0-50 56.27N 163.06E 2-1 4.1L
 MOS III 09 09 46 31.2-71 56.24N 163.14E 6 4.3b **¶10600162**
 KRSC Event type se.
 MOS Error ellipse: s-maj=32.0km s-min=16.2km az=58.1.
KRSC III 19 10 23 52.8-1.2 55.08N 161.79E 59-6 4.4L
 MOS III 19 10 23 53.2-84 55.11N 161.67E 60 4.3b **¶10606504**
 KRSC Event type se.

MOS Error ellipse: s-maj=36.3km s-min=13.2km az=78.0.
KRSC III 31 20 20 33.6-30 55.92N 161.45E 113-2 3.9L
 MOS III 31 20 20 33.3-76 55.97N 161.52E 111 4.0b **¶10614665**
 KRSC Event type se.
 MOS Error ellipse: s-maj=60.8km s-min=14.6km az=78.8.
ISC VI 07 15 15 54.7-60 54.61N-02 161.86E-07 17-3 4.0b,3.4s 101 0-85
 KRSC VI 07 15 15 52.6-70 54.58N 162.07E 20-2 4.6L,3.8s **¶10698823**
 MOS VI 07 15 15 53.2-95 54.57N 161.92E 20 4.3b,3.4s
 ISCJB VI 07 15 15 54.3-59 54.60N-02 161.85E-06 21-4 4.0b,3.4s
 NEIC VI 07 15 15 58.7-2.0 54.74N 161.22E 43-20 4.0b,3.4s
 IDC VI 07 15 16 02.7-7.6 54.70N 161.14E 80-70 3.9,3.8

ISC Event type se.
 KRSC Event type se.
 MOS Error ellipse: s-maj=17.8km s-min=8.8km az=76.8.
 ISCJB Event type se. Error ellipse: s-maj=6.2km s-min=2.7km az=31.3.
 NEIC Event type se. Error ellipse: s-maj=21.6km s-min=13.0km az=134.0.
 IDC Error ellipse: s-maj=25.1km s-min=18.5km az=125.0.
ISC VI 08 14 39 11.4-63 54.59N-02 161.94E-07 22-4 82 0-5
 ISCJB VI 08 14 39 10.8-61 54.58N-02 161.94E-07 25-4 **¶10628706**
 MOS VI 08 14 39 10.6-49 54.55N 161.83E 20 4.3b
 KRSC VI 08 14 39 10.0-70 54.58N 161.98E 22-2 4.2L

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=6.6km s-min=2.8km az=34.6.
 MOS Error ellipse: s-maj=22.8km s-min=10.8km az=72.5.
 KRSC Event type se.
ISC VI 29 12 25 00.2-34 55.09N-02 161.15E-06 94-4 3.8b 100 1-56
 IDC VI 29 12 24 51.5-1.2 55.25N 161.43E 0 4.2,3.9b **¶18938607**
 MOS VI 29 12 24 58.8-2.6 55.24N 160.80E 92 4.4b,3.9b
 ISCJB VI 29 12 24 59.4-33 55.08N-02 161.19E-06 96-4 3.8b,3.9b
 KRSC VI 29 12 24 59.3-1.2 55.07N 161.17E 90-3 4.1L,3.9b

ISC Event type se.
 IDC Error ellipse: s-maj=93.8km s-min=21.2km az=142.0.
 MOS Error ellipse: s-maj=20.6km s-min=8.2km az=75.3.
 ISCJB Event type se. Error ellipse: s-maj=5.8km s-min=2.7km az=43.4.
 KRSC Event type se.
ISC VI 04 02 31 15.0-13 53.87N-02 159.43E-03 95 4.4b 365 1-111
 BJI VI 04 02 31 10.9 53.95N 159.98E 102 4.7b,4.7b **¶10698760**
 KRSC VI 04 02 31 13.9-70 53.63N 159.86E 104-3 4.6L,4.7b
 ISCJB VI 04 02 31 13.5-13 53.96N-03 159.48E-04 93 4.4b,4.7b
 NEIC VI 04 02 31 14.7-15 53.92N 159.37E 93 4.5b,4.7b
 MOS VI 04 02 31 14.1-99 53.78N 159.51E 107 4.5b,4.7b
 IDC VI 04 02 31 15.2-64 53.91N 159.34E 95-4 4.4,4.2

ISC Event type se.
 IDC Error ellipse: s-maj=20.8km s-min=9.7km az=73.1.
 ISCJB Event type se. Error ellipse: s-maj=4.6km s-min=2.7km az=41.6.
 KRSC Event type se.
 NEIC Event type se. Error ellipse: s-maj=24.9km s-min=12.9km az=144.0.
 IDC Error ellipse: s-maj=95.5km s-min=18.2km az=52.0.
KRSC IV 22 06 11 52.1-80 56.09N 163.84E 7-2 3.8L ¶10261472

KRSC Event type se.
ISC III 15 00 46 04.7-41 51.25N-05 157.12E-07 140-2 4.2b 183 0-146
 SKHL III 15 00 46 00.4-50 50.50N 158.10E 33-0 5.2b **¶10603908**
 ISCJB III 15 00 46 03.5-42 51.23N-05 157.13E-07 142-2 4.2b
 MOS III 15 00 46 03.5-1.1 51.29N 157.05E 137 4.1b
 KRSC III 15 00 46 03.0-1.2 51.05N 157.51E 115-6 4.6L
 IDC III 15 00 46 04.3-2.8 51.41N 156.93E 133-26 4.2,4.0
 BJI III 15 00 46 04.0 51.21N 157.12E 158 5.0b,4.7b
 NEIC III 15 00 46 06.2-37 51.33N 157.02E 151 4.2b,4.7b
 ISC Event type se.
 IDC Error ellipse: s-maj=9.8km s-min=4.0km az=99.7.
 MOS Error ellipse: s-maj=11.5km s-min=5.7km az=79.1.
 KRSC Event type se.

IDC Error ellipse: s-maj=15.7km s-min=11.1km az=152.0.
 NEIC Event type se. Error ellipse: s-maj=10.8km s-min=6.7km az=141.0.
KRSC III 16 12 30 54.0-1.4 51.19N 158.13E 40-23 3.8L ¶10604780

ISCB	Event type se. Error ellipse: s-maj=4.2km s-min=2.4km az=93.9.								
MOS	Error ellipse: s-maj=13.4km s-min=7.2km az=89.3.								
KRSC	Event type se.								
KRSC	VI 24 03 23 43.9--40 53.81N 161.74E 12-3 3.9L								
									¶10969289
KRSC	Event type se.								
ISC	IV 01 17 32 22.2--27 54.63N--02 163.42E--04 46 4.3b,3.9s 187 1-145								
KRSC	IV 01 17 32 18.9--60 54.59N 163.63E 40-6 4.8L,3.9s								¶10697464
MOS	IV 01 17 32 19.8--1.2 54.72N 163.41E 33 4.5b,3.7s								
BJI	IV 01 17 32 20.8 54.70N 163.30E 44 4.7b,4.4s								
ISCB	IV 01 17 32 20.5--26 54.61N--02 163.46E--03 44 4.3b,3.9s								
HRVD	IV 01 17 32 22.8--50 54.68N 163.61E 21-2 4.7W,3.9s								
NEIC	IV 01 17 32 22.8--38 54.71N 163.29E 44 4.4b,3.9s								
IDC	IV 01 17 32 23.7--70 54.80N 163.24E 43-4 4.2L,4.1								
ISC	Event type se.								
KRSC	Event type se.								
MOS	Error ellipse: s-maj=10.7km s-min=7.0km az=87.3.								
ISCB	Event type se. Error ellipse: s-maj=3.2km s-min=2.6km az=93.6.								
HRVD	Error ellipse: s-maj=4.4km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s3,c3; Mantle waves: s46,c63;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=0.64±.16; Mw=0.64±.09; Ms=1.28±.10; Mn=0.15±.18; M0=0.25±.06; Mo=0.6±.14; Best double couple: NP1:φ:340.0000°;δ34.0000°;λ:129.0000°;NP2:φ:205.0000°;δ64.0000°;λ:67.0000°. Principal axes: T 1.4910,Plg16.000°;Az=278.000°; N -0.6370,Plg21.000°;Az=14.000°; P -0.8530,Plg63.000°;Az=153.000°; Mo1.17200×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=10.1km s-min=5.9km az=153.0.								
IDC	Error ellipse: s-maj=17.7km s-min=11.4km az=160.0.								
ISC	IV 12 01 39 24.9--82 52.52N--05 160.61E--08 53-6 4.0b 57 1-69								
IDC	IV 12 01 39 19.8--1.1 52.63N 160.31E 0 4.0,3.9L								¶18645936
MOS	IV 12 01 39 19.7--98 52.46N 160.98E 33 4.2b,3.9L								
KRSC	IV 12 01 39 22.6--1.2 52.71N 160.45E 3-2 4.1L,3.9L								
ISCB	IV 12 01 39 23.3--83 52.52N--05 160.69E--08 54-6 4.0b,3.9L								
NEIC	IV 12 01 39 24.7--95 52.52N 160.54E 46-10 4.1b,3.9L								
ISC	Event type se.								
IDC	Error ellipse: s-maj=34.2km s-min=14.1km az=2.0.								
MOS	Error ellipse: s-maj=36.8km s-min=17.3km az=126.3.								
KRSC	Event type se.								
ISCB	Event type se. Error ellipse: s-maj=10.7km s-min=5.5km az=88.2.								
NEIC	Event type se. Error ellipse: s-maj=14.6km s-min=9.6km az=173.0.								
	(220) Northwest of Kuril Islands.								
IDC	IV 28 16 37 34.4--2.7 49.77N 150.72E 396-31 3.7,3.0								¶19598156
IDC	Error ellipse: s-maj=23.1km s-min=17.2km az=123.0.								
ISC	III 14 14 04 12.7--11 47.91N--02 147.26E--03 420 5.0b 729 3-154								
SZGRF	III 14 14 03 28.7 47.54N 147.42E 33 5.4b								¶10603639
NIED	III 14 14 04 00 47.20N 147.90E 420 5.3W								
SKHL	III 14 14 04 08.8--2.7 47.68N 147.59E 409-19 6.0,5.9s								
MOS	III 14 14 04 09.3--80 47.90N 147.26E 395 5.1b,5.9s								
JMA	III 14 14 04 10.1--40 47.23N 147.93E 449 5.3,5.9s								
ISC	III 14 14 04 11.3--11 47.83N--02 147.30E--03 418 5.0b,5.9s								
HRVD	III 14 14 04 12.2--50 48.04N 147.46E 420-2 5.3W,5.9s								
NEIC	III 14 14 04 12.2--34 47.93N 147.27E 414-3 5.1b,5.9s								
IDC	III 14 14 04 13.1--48 47.93N 147.33E 424-4 5.2,4.5								
BJI	III 14 14 04 13.1 47.89N 146.76E 401 5.4b,5.0b								
ISC	Event type se.								
SZGRF	Northwest of Kuril Islands, Russia.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:197.0000°;δ59.0000°;λ88.0000°; NP2:φ:22.0000°;δ31.0000°;λ94.0000°; Mo1.15000×10 ¹⁷								
MOS	Error ellipse: s-maj=6.9km s-min=4.1km az=97.5.								
JMA	Error ellipse: s-maj=5.6km s-min=4.5km az=1.0.								
ISCB	Event type se. Error ellipse: s-maj=2.9km s-min=1.8km az=100.0.								
HRVD	Error ellipse: s-maj=5.6km s-min=6.7km az=1.0. nsta1 refers to body waves, cutoff=40s. Centroid Moment Tensor Solution. LP body waves: s56,c77;Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.85±.05; Mw=0.14±.10; Mn=0.99±.09; M0=0.26±.11; M0=0.31±.08; Ms=0.74±.09; Best double couple: NP1:φ:37.0000°;δ32.0000°;λ129.0000°; NP2:φ:173.0000°;δ66.0000°;λ68.0000°. Principal axes: T 1.2250,Plg63.000°; Az=48.000°; N 0.0610,Plg20.000°;Az=182.000°; P -1.2860,Plg18.000°;Az=279.000°; Mo1.25500×10 ¹⁷								
NEIC	Event type se. Error ellipse: s-maj=3.3km s-min=2.1km az=164.0.								
IDC	Error ellipse: s-maj=8.8km s-min=7.0km az=126.0.								
IDC	III 17 03 02 43.6--9.2 48.82N 148.60E 0 3.8,3.6b								¶10605118
IDC	Error ellipse: s-maj=241.2km s-min=42.4km az=168.0.								
ISC	III 28 15 22 16.0--80 48.06N--10 149.3E--20 378-11 3.0b 36 5-73								
ISCB	III 28 15 22 15.5--77 47.99N--09 149.2E--20 382-10 3.1b								¶10612382
IDC	III 28 15 22 18.6--2.2 48.24N 149.03E 399-25 3.7,3.1								
NEIC	III 28 15 22 18.4--1.2 48.27N 149.02E 394-13 3.7,3.1								
ISC	Event type se.								
ISCB	Event type se. Error ellipse: s-maj=22.1km s-min=11.1km az=55.2.								
IDC	Error ellipse: s-maj=21.1km s-min=13.4km az=126.0.								
NEIC	Event type se. Error ellipse: s-maj=22.2km s-min=10.9km az=122.0.								
KRSC	III 09 04 42 05.5--70 52.90N 155.05E 556-9 3.8L								
MOS	III 09 04 42 05.4--10 52.88N 155.36E 553 4.3b								¶10600060
KRSC	Event type se.								
MOS	Error ellipse: s-maj=99.9km s-min=40.7km az=49.1.								
ISC	VI 22 06 05 03.3--35 47.97N--04 147.43E--06 409-4 3.9b 88 3-148								
MOS	VI 22 06 05 02.6--1.2 48.02N 147.42E 415 3.9b								¶18750617
SKHL	VI 22 06 05 02.4--2.2 48.31N 147.34E 372-47 5.2s,4.7b								
ISCB	VI 22 06 05 02.5--36 47.89N--04 147.47E--07 418-5 3.9b,4.7b								
JMA	VI 22 06 05 03.4--50 47.36N 147.97E 458 3.9,4.7b								
IDC	VI 22 06 05 05.0--1.8 48.05N 147.19E 423-21 4.2,3.6								
BJI	VI 22 06 05 05.4 48.10N 147.20E 429 4.6b,4.0b								
NEIC	VI 22 06 05 05.5--64 48.06N 147.23E 429-8 4.1b,4.0b								
ISC	Event type se.								
MOS	Error ellipse: s-maj=15.4km s-min=9.9km az=81.3.								
ISCB	Event type se. Error ellipse: s-maj=7.5km s-min=6.5km az=91.6.								
JMA	Error ellipse: s-maj=5.6km s-min=6.0km az=1.0.								
IDC	Error ellipse: s-maj=18.2km s-min=11.7km az=131.0.								
NEIC	Event type se. Error ellipse: s-maj=12.8km s-min=7.4km az=133.0.								
ISC	VI 23 03 27 24.9--65 49.1N--10 151.3E--20 291-11 3.6b 26 4-69								
ISCB	VI 23 03 27 24.3--68 49.1N--10 151.3E--20 296-10 3.6b								¶18938445
MOS	VI 23 03 27 24.4--82 49.08N 151.28E 300 4.0b								
NEIC	VI 23 03 27 26.8--72 49.10N 151.15E 300 4.0b								
IDC	VI 23 03 27 28.0--5.0 49.07N 151.06E 314-46 4.0,3.4								
ISC	Event type se.								
ISCB	Event type se. Error ellipse: s-maj=22.9km s-min=10.2km az=92.8.								
MOS	Error ellipse: s-maj=18.4km s-min=13.9km az=74.8.								
NEIC	Event type se. Error ellipse: s-maj=18.5km s-min=9.2km az=113.0.								
IDC	Error ellipse: s-maj=55.4km s-min=39.0km az=106.0.								
KRSC	VI 24 04 25 08.5--90 50.33N 151.96E 594-12 3.9L								
MOS	VI 24 04 25 09.5--1.4 50.35N 152.15E 573 4.3b								¶10628726
KRSC	Event type se.								
MOS	Error ellipse: s-maj=99.9km s-min=36.6km az=50.6.								
ISC	VI 04 04 03 14.7--33 46.54N--05 146.94E--05 288-4 4.0b 207 1-153								
SKHL	VI 04 04 03 11.1--1.3 46.90N 147.50E 280-20 5.8,5.5s								¶10698762
ISC	VI 04 04 03 13.8--34 46.54N--05 146.91E--05 292-4 4.0b,5.5s								
IDC	VI 04 04 03 14.9--1.1 46.61N 146.99E 290-11 4.2,3.7								
MOS	VI 04 04 03 14.2--84 46.57N 146.90E 299 4.2b,3.7								
JMA	VI 04 04 03 14.9--40 45.96N 147.38E 315 4.0,3.7								
BJI	VI 04 04 03 15.3 46.51N 146.94E 314 4.5b,4.5b								
NEIC	VI 04 04 03 16.6--65 46.58N 146.92E 308-6 4.1b,4.5b								
ISC	Event type se.								
ISCB	Event type se. Error ellipse: s-maj=7.6km s-min=5.0km az=171.1.								
IDC	Error ellipse: s-maj=14.4km s-min=10.6km az=146.0.								
MOS	Error ellipse: s-maj=13.5km s-min=8.3km az=83.7.								
JMA	Error ellipse: s-maj=4.4km s-min=4.6km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=7.4km s-min=5.8km az=158.0.								
ISC	VI 17 21 08 22.5--75 47.3N--10 146.7E--20 490-11 3.5b 41 3-66								
ISCB	VI 17 21 08 21.5--73 47.4N--10 146.7E--20 482-10 3.5b								¶10698992

MOS	VI 17 21 08 22.2--74 47.88N 146.45E 463 3.5b								
NEIC	VI 17 21 08 23.6--1.1 47.88N 146.47E 456-13 3.0								
IDC	VI 17 21 08 23.7--1.9 47.63N 146.59E 480-34 3.9,3.1								
JMA	VI 17 21 08 23.7--50 47.28N 146.77E 472 3.7,3.1								
ISC	Event type se.								
ISCB	Event type se. Error ellipse: s-maj=23.0km s-min=12.7km az								

ISCJB	Event type se. Error ellipse: s-maj=29.8km s-min=18.0km az=93.9.								
MOS	Error ellipse: s-maj=16.0km s-min=15.0km az=129.6.								
NEIC	Event type se. Error ellipse: s-maj=28.3km s-min=13.3km az=140.0.								
JMA	IV 03 15 41 52.3--30 44.00N 148.08E 0 4.1								
JMA	Error ellipse: s-maj=3.3km s-min=2.4km az=1.0.								
JMA	IV 04 20 57 38.0--60 45.55N 151.06E 30 4.1								
JMA	Error ellipse: s-maj=6.7km s-min=7.0km az=1.0.								
JMA	IV 04 21 31 37.5--60 45.59N 150.49E 30 4.0								
JMA	Error ellipse: s-maj=5.6km s-min=6.2km az=1.0.								
JMA	IV 07 09 47 29.2--30 43.57N 147.33E 22-5 4.0								
JMA	Error ellipse: s-maj=2.2km s-min=2.4km az=1.0.								
JMA	IV 20 22 49 26.0--40 44.43N 148.35E 84 4.3								
JMA	Error ellipse: s-maj=4.4km s-min=3.2km az=1.0.								
JMA	IV 30 07 22 42.6--20 44.05N 147.54E 77 3.9								
JMA	Error ellipse: s-maj=2.2km s-min=2.4km az=1.0.								
JMA	III 09 09 02 00.1--70 45.23N 151.68E 30 3.9								
JMA	Error ellipse: s-maj=10.0km s-min=7.0km az=1.0.								
ISC	III 28 19 05 55.0--95 43.30N--06 147.74E--07 43-7 4.2b 73 1-72								
BJI	III 28 19 05 52.8 43.57N 147.56E 30 4.7b,4.6b								
ISCJB	III 28 19 05 53.7--93 43.25N--06 147.73E--06 48-7 4.2b,4.6b								
JMA	III 28 19 05 53.5--20 43.17N 147.65E 25 4.5,4.6b								
MOS	III 28 19 05 54.4--96 43.37N 147.75E 50 4.5b,4.6b								
SKHL	III 28 19 05 55.4--60 43.40N 147.70E 52-21 4.8b,4.6b								
NEIC	III 28 19 05 55.4--2.1 43.26N 147.73E 47-15 4.1b,4.6b								
IDC	III 28 19 05 56.4--2.7 43.23N 147.81E 56-7 4.0,3.9								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=11.4km s-min=5.8km az=120.7.								
JMA	Error ellipse: s-maj=1.1km s-min=1.6km az=1.0.								
MOS	Error ellipse: s-maj=17.6km s-min=10.1km az=112.4.								
NEIC	Event type se. Error ellipse: s-maj=22.1km s-min=9.7km az=157.0.								
IDC	Error ellipse: s-maj=67.3km s-min=12.9km az=178.0.								
JMA	III 10 20 09 31.1--10 45.34N 151.71E 30 3.7								
JMA	Error ellipse: s-maj=11.1km s-min=9.4km az=1.0.								
JMA	III 11 15 47 51.7--80 44.46N 148.91E 30 3.6								
JMA	Error ellipse: s-maj=5.6km s-min=6.3km az=1.0.								
KRSC	III 14 03 18 29.7--15 49.24N 156.91E 18-44 4.0L								
KRSC	Event type se.								
KRSC	III 14 04 23 32.3--19 49.37N 156.85E 21-99 3.9L								
KRSC	Event type se.								
JMA	III 17 08 41 31.9--50 45.14N 150.88E 83 3.6								
JMA	Error ellipse: s-maj=7.8km s-min=5.5km az=1.0.								
JMA	III 17 08 48 20.5--30 44.05N 147.77E 0 3.9								
JMA	Error ellipse: s-maj=3.3km s-min=3.2km az=1.0.								
JMA	III 17 14 30 46.3--20 43.90N 147.42E 56 3.8								
JMA	Error ellipse: s-maj=2.2km s-min=1.6km az=1.0.								
JMA	III 18 16 57 18.6--40 44.02N 148.07E 0 3.8								
JMA	Error ellipse: s-maj=3.3km s-min=3.2km az=1.0.								
KRSC	III 19 12 13 58.1--1.4 50.98N 157.98E 40-30 3.9L								
KRSC	Event type se.								
ISC	III 20 14 38 45.0--1.2 45.35N--07 150.2E--20 168-10 3.6b 50 2-79								
MOS	III 20 14 38 28.2--1.9 45.81N 151.90E 48 4.6b								
SKHL	III 20 14 38 38.3--1.1 45.40N 150.90E 33-0 5.0b								
NEIC	III 20 14 38 42.7--3.3 45.66N 150.58E 135-27 4.3b								
JMA	III 20 14 38 43.5--50 45.00N 150.61E 127 4.2								
IDC	III 20 14 38 43.4--4.2 45.83N 150.54E 134-36 3.9,3.6								
ISCJB	III 20 14 38 44.7--1.1 45.34N--08 150.2E--10 177-9 3.6b,3.6								
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
IDC	III 20 15 06 46.2--18 46.19N 151.78E 0 4.0b,4.0								
IDC	Error ellipse: s-maj=428.1km s-min=197.5km az=162.0.								
ISC	III 05 15 49 58.1--2.2 44.44N--06 148.61E--06 7-12 4.0b 50 1-79								
ISCJB	III 05 15 49 57.2--2.9 44.40N--05 148.67E--07 15-19 4.0b								
IDC	III 05 15 49 57.3--87 44.65N 148.17E 0 3.8,3.7								
NIED	III 05 15 50 00 44.10N 148.20E 50 3.8W,3.7								
MOS	III 05 15 50 02.0--1.9 44.50N 148.46E 53 4.0b,3.7								
SKHL	III 05 15 50 02.6--1.7 44.60N 148.70E 52-15 5.1b,3.7								
NEIC	III 05 15 50 03.4--1.8 44.45N 148.46E 45-15 4.3b,3.7								
JMA	III 05 15 50 04.6--30 44.13N 148.23E 0 4.6,3.7								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=8.7km s-min=7.7km az=118.3.								
IDC	Error ellipse: s-maj=23.6km s-min=17.1km az=140.0.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=351.00000°,δ71.00000°,λ65.00000°. NP2:φ=226.00000°,δ31.00000°,λ141.00000°. M5:41000×10 ¹⁴								
MOS	Error ellipse: s-maj=17.9km s-min=13.7km az=92.7.								
NEIC	Event type se. Error ellipse: s-maj=16.9km s-min=12.0km az=124.0.								
JMA	Error ellipse: s-maj=3.3km s-min=2.4km az=1.0.								
ISC	III 30 21 13 44.8--86 43.63N--05 147.52E--07 50-6 4.3s,4.3b 107 1-152								
NIED	III 30 21 13 00 43.50N 147.50E 26 4.0W,4.3b								
MOS	III 30 21 13 40.9--1.1 43.61N 147.77E 37 4.6b,4.3b								
ISCJB	III 30 21 13 43.8--89 43.63N--05 147.51E--07 55-6 4.3s,4.3b								
BJI	III 30 21 13 43.0 43.58N 147.51E 54 4.7b,4.6b								
JMA	III 30 21 13 43.1--20 43.48N 147.46E 20-5 4.8,4.6b								
SKHL	III 30 21 13 44.7--1.2 43.90N 147.70E 33-0 4.9b,4.6b								
NEIC	III 30 21 13 45.2--1.2 43.55N 147.46E 54-10 4.4b,4.6b								
IDC	III 30 21 13 46.2--3.0 43.60N 147.47E 61-26 4.1,4.0								
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=4.00000°,δ49.00000°,λ115.00000°. NP2:φ=148.00000°,δ47.00000°,λ64.00000°. M3:19000×10 ¹⁵								
MOS	Error ellipse: s-maj=12.6km s-min=8.1km az=110.1.								
ISCJB	Event type se. Error ellipse: s-maj=9.3km s-min=6.8km az=87.9.								
JMA	Error ellipse: s-maj=2.2km s-min=2.4km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=9.9km s-min=7.9km az=128.0.								
IDC	Error ellipse: s-maj=16.7km s-min=15.1km az=135.0.								
ISC	III 08 06 35 49.0--16 44.21N--03 148.40E--02 37 5.3b,4.7s 593 1-153								
NIED	III 08 06 35 00 43.90N 148.30E 35 5.0W,4.7s								
SKHL	III 08 06 35 45.8--60 44.08N 148.61E 36-15 5.7s,5.6b								
JMA	III 08 06 35 45.5--40 43.90N 148.30E 0 5.1,5.6b								
BJI	III 08 06 35 46.7 44.19N 148.45E 40 5.4b,5.3b								
ISCJB	III 08 06 35 47.2--16 44.18N--03 148.41E--02 35 5.3b,4.7s								
MOS	III 08 06 35 47.8--91 44.25N 148.36E 39 5.6b,4.0s								
HRVD	III 08 06 35 48.7--50 44.05N 148.69E 38-1 5.0W,4.0s								
NEIC	III 08 06 35 48.7--12 44.14N 148.38E 37 5.3b,4.0s								
IDC	III 08 06 35 48.6--2.8 44.16N 148.35E 35-22 5.0,4.9								
SZGRF	III 08 06 35 54.7 45.32N 147.57E 33 5.6b,4.9								
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=29.00000°,δ70.00000°,λ81.00000°. NP2:φ=233.00000°,δ22.00000°,λ113.00000°. M3:17000×10 ¹⁶								
SKHL	Event type fe. Felt (III) at Gorniy, (II-III) at Reidovoy, (II) at Kurilsk.								
JMA	Event type fe. Error ellipse: s-maj=3.3km s-min=3.2km az=1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=4.1km s-min=2.2km az=142.7.								
MOS	Event type fe. Error ellipse: s-maj=7.5km s-min=4.4km az=110.1. Felt (III) at Gornii; (II-III) at Reidovoy; (II) at Kurilsk. Moment Tensor Solution.								

HRVD	Error ellipse: s-maj=4.4km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s41,c54; Mantle waves: s63,c89; Half duration: 0 Moment tensor: Scale 10 ¹⁶ NP: M=3.87±28 M _{err} =1.71±19; M ₂₂ =2.15±22; M ₃₃ =0.87±18; M ₁₁ =2.19±12; M ₁₂ =1.95±16; Best double couple: NP1:φ=231.00000°,δ32.00000°,λ105.00000°. NP2:φ=33.00000°,δ59.00000°,λ81.00000°. Principal axes: T 4.4550,Plg74.0000°,Az=278.0000°; N 0.1760,Plg8.0000°,Az=38.0000°; P -4.6210,Plg14.0000°,Az=130.0000°; M=4.53900×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=4.0km s-min=2.3km az=163.0. Felt (III) at Gorniy and Reidovoy and (II) at Kuril'sk. Recorded [1 JMA] in eastern Hokkaido.								
IDC	Error ellipse: s-maj=14.7km s-min=11.5km az=134.0.								
SZGRF	Kuril Islands, Russia.								
ISC	IV 14 18 48 09.3--1.7 43.18N--10 147.0E--10 50-14 3.7b 23 1-70								
JMA	IV 14 18 48 06.7--20 43.11N 147.09E 45-4 3.2								
ISCJB	IV 14 18 48 08.7--1.6 43.2N--10 146.9E--10 60-11 3.7b								
IDC	IV 14 18 48 13.1--9.7 44.89N 146.44E 0 3.8b,3.8								
JMA	Error ellipse: s-maj=1.1km s-min=1.6km az=1.0.								
ISCJB	Error ellipse: s-maj=18.5km s-min=12.4km az=113.5.								
IDC	Error ellipse: s-maj=219.9km s-min=30.2km az=147.0.								
ISC	IV 17 14 29 03.6--2.1 44.9N--20 149.8E--40 201-24 2.9b 18 3-70								
IDC	IV 17 14 28 48.0--3.2 45.15N 151.08E 0 3.6,3.								

ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ206.00000°,δ70.00000°,λ-85.00000°. NP2:φ11.00000°,δ21.00000°,λ-104.00000°. M2:0.04000×10 ¹⁵									
MOS	Event type fe. Error ellipse: s-maj=9.2km s-min=5.2km az=112.3. Felt (III) at Goryachiye Klyuchi, Gornyy, (II-III) at Kuril'sk, Reidovo. Moment Tensor Solution.									
ISCJB	Event type fe. Error ellipse: s-maj=7.2km s-min=4.2km az=112.8.									
SKHL	Event type fe. Felt (III) at Kuril'sk, Reidovo, (II) at Gornyy, Goriachiye Kluchi.									
NEIC	Event type fe. Error ellipse: s-maj=6.0km s-min=4.9km az=165.0. Felt (III) at Gornoye, Goryachiye Klyuchi, Kuril'sk and Reidovo.									
IDC	Error ellipse: s-maj=13.9km s-min=12.3km az=144.0.									
JMA	Error ellipse: s-maj=3.3km s-min=4.0km az=1.0.									
ISC	VI	14 07 56 20	5-59	45.62N-07	148.39E-10	203-6	3.5b	45	1-76	
MOS	VI	14 07 56 18	-79	45.67N	148.65E	195	4.0b		18855348	
ISCJB	VI	14 07 56 17	-59	45.58N-06	148.39E-10	209-6	3.5b			
NEIC	VI	14 07 56 22	7-18	45.82N	148.14E	221-19	4.1b			
IDC	VI	14 07 56 22	7-2	45.87N	148.11E	219-23	3.8,3.5			
JMA	VI	14 07 56 22	-60	45.35N	148.26E	227	3.9,3.5			
ISC	Event type se.									
MOS	Error ellipse: s-maj=34.8km s-min=19.4km az=55.4.									
ISCJB	Event type se. Error ellipse: s-maj=12.5km s-min=8.3km az=77.5.									
NEIC	Event type se. Error ellipse: s-maj=26.9km s-min=12.4km az=117.0.									
IDC	Error ellipse: s-maj=30.6km s-min=13.9km az=119.0.									
JMA	Error ellipse: s-maj=4.4km s-min=5.5km az=1.0.									
ISC	VI	14 23 28 35	9-16	45.0N-10	149.4E-20	73-13	4.1b	26	3-54	
NEIC	VI	14 23 28 30	7-93	45.18N	149.68E	35	4.1b		19221976	
JMA	VI	14 23 28 30	5-80	45.20N	149.72E	30	4.2			
ISCJB	VI	14 23 28 34	4-16	44.9N-10	149.4E-20	79-13	4.1b			
ISC	Event type se.									
NEIC	Event type se.									
ISCJB	Event type se.									
ISC	VI	19 00 46 54	0-2.3	49.1N-20	155.9E-40	48-13	3.8b,3.7s	15	2-78	
IDC	VI	19 00 46 50	2-76	49.50N	155.71E	0	3.9,3.9		18855465	
ISCJB	VI	19 00 46 51	4-2.5	49.0N-20	155.9E-40	40-15	3.8b,3.7s			
MOS	VI	19 00 46 56	2-78	49.76N	154.84E	32	4.0b,3.7s			
IDC	Error ellipse: s-maj=181.2km s-min=43.6km az=134.0.									
ISCJB	Error ellipse: s-maj=57.6km s-min=12.5km az=71.9.									
MOS	Error ellipse: s-maj=38.4km s-min=18.8km az=69.1.									
ISC	VI	20 21 29 03	9-1.3	43.73N-10	147.7E-10	45-14	3.9b	42	1-79	
MOS	VI	20 21 28 59	0-3.0	43.57N	147.97E	56	4.4b		18855510	
NIED	VI	20 21 29 00		43.60N	147.50E	29	3.9W			
JMA	VI	20 21 29 00	8-30	43.64N	147.53E	5-4	4.4			
ISCJB	VI	20 21 29 01	7-1.2	43.67N-10	147.71E-10	46-12	3.9b			
IDC	VI	20 21 29 05	9-3.4	43.53N	147.56E	79-37	3.8,3.7			
MOS	Error ellipse: s-maj=19.2km s-min=13.7km az=110.7.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ302.00000°,δ90.00000°,λ-96.00000°. NP2:φ-208.00000°,δ6.00000°,λ-4.00000°. M8:0.02000×10 ¹⁴									
JMA	Error ellipse: s-maj=2.2km s-min=2.4km az=1.0.									
ISCJB	Error ellipse: s-maj=16.0km s-min=11.8km az=157.5.									
IDC	Error ellipse: s-maj=51.6km s-min=24.8km az=2.0.									
ISC	VI	06 03 30 11	4-28	47.28N-04	153.62E-05	61	4.9b	462	4-155	
ISCJB	VI	06 03 30 09	5-26	47.21N-04	153.63E-05	59	4.9b,3.8s		10698795	
MOS	VI	06 03 30 09	1-95	47.39N	153.55E	49	5.2b,3.8s			
BJI	VI	06 03 30 09	0	47.38N	153.86E	66	4.8b,4.7b			
SKHL	VI	06 03 30 10	6-10	47.20N	153.90E	51-19	5.3s,5.2b			
JMA	VI	06 03 30 10	9-90	47.15N	153.80E	30	5.2,5.2b			
SZGRF	VI	06 03 30 11	5	47.57N	153.44E	33	4.9b,5.2b			
NEIC	VI	06 03 30 11	1-90	47.17N	153.78E	64-7	4.9b,5.2b			
IDC	VI	06 03 30 12	8-3.5	47.20N	153.65E	78-31	4.5,4.3			
BGS	VI	06 03 30 17	0-1.7	49.21N	157.89E	33-0	5.0b,4.3			
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=6.6km s-min=2.7km az=97.3.									
MOS	Error ellipse: s-maj=8.0km s-min=4.4km az=104.7.									
JMA	Error ellipse: s-maj=8.9km s-min=8.3km az=1.0.									
SZGRF	Kuril Islands, Russia.									
NEIC	Event type se. Error ellipse: s-maj=8.6km s-min=4.9km az=140.0.									
IDC	Error ellipse: s-maj=16.9km s-min=13.8km az=117.0.									
BGS	Error ellipse: s-maj=161.2km s-min=738.9km az=1.0.									
ISC	VI	06 04 42 41	8-2.2	43.64N-07	147.84E-09	20-14	4.5b,4.1s	96	1-150	
NIED	VI	06 04 42 00		43.20N	147.80E	11	4.1W,4.1s		10698798	
SKHL	VI	06 04 42 26	1-3.2	42.70N	149.30E	33-0	5.2s,4.7b			
JMA	VI	06 04 42 00	0-80	43.21N	147.82E	14	4.0,4.7b			
ISCJB	VI	06 04 42 43	8-1.1	43.74N-07	147.7E-10	42-7	4.5b,4.1s			
MOS	VI	06 04 42 45	4-1.1	43.87N	147.65E	53	4.8b,4.1s			
IDC	VI	06 04 42 46	9-3.7	43.75N	147.76E	60-34	4.1,4.0			
BJI	VI	06 04 42 46	5	43.84N	147.71E	63	4.8b,4.8b			
NEIC	VI	06 04 42 47	1-1.4	43.93N	147.64E	51-12	4.4b,4.8b			
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ23.00000°,δ61.00000°,λ70.00000°. NP2:φ240.00000°,δ35.00000°,λ122.00000°. M1:5.60000×10 ¹⁵									
JMA	Error ellipse: s-maj=3.3km s-min=6.5km az=1.0.									
ISCJB	Event type fe. Error ellipse: s-maj=15.0km s-min=8.6km az=70.0.									
MOS	Event type fe. Error ellipse: s-maj=11.5km s-min=8.0km az=117.7. Felt (II) at Yuzhno-Kuril'sk. Moment Tensor Solution.									
IDC	Error ellipse: s-maj=42.3km s-min=27.4km az=171.0.									
NEIC	Event type fe. Error ellipse: s-maj=15.1km s-min=11.0km az=103.0. Felt (II) at Yuzhno-Kuril'sk.									
ISC	VI	25 12 33 15	0-31	44.14N-04	146.59E-04	91-3	4.3b	269	1-150	
NIED	VI	25 12 33 00		44.00N	146.80E	86	4.4W		10699101	
SZGRF	VI	25 12 33 05	4	43.35N	146.85E	33	4.3b			
BJI	VI	25 12 33 11	9	44.19N	146.70E	90	5.0b,4.8b			
MOS	VI	25 12 33 12	3-1.0	44.05N	146.71E	86	4.3b,4.8b			
NEIC	VI	25 12 33 13	8-20	44.11N	146.58E	83	4.3b,4.8b			
ISCJB	VI	25 12 33 13	8-31	44.13N-03	146.64E-03	93-3	4.3b,4.8b			
JMA	VI	25 12 33 14	2-20	43.99N	146.80E	79-3	4.8,4.8b			
SKHL	VI	25 12 33 14	5-20	44.10N	146.80E	80-13	6.7,6.0b			
IDC	VI	25 12 33 15	8-18	44.12N	146.60E	102-16	4.3,4.0			
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ343.00000°,δ87.00000°,λ-45.00000°. NP2:φ77.00000°,δ45.00000°,λ-175.00000°. M4:0.05000×10 ¹⁵									
SZGRF	Kuril Islands, Russia.									
MOS	Event type fe. Error ellipse: s-maj=9.1km s-min=6.3km az=81.5. Felt (II-III) at Yuzhno-Kuril'sk. Moment Tensor Solution.									
NEIC	Event type fe. Error ellipse: s-maj=6.3km s-min=4.0km az=145.0. Felt (III) at Yuzhno-Kuril'sk, Kunashir. Recorded [2 JMA] in eastern Hokkaido and [1 JMA] in the Ombetsu area.									
ISCJB	Event type fe. Error ellipse: s-maj=6.0km s-min=3.6km az=133.2.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.6km az=1.0.									
IDC	Error ellipse: s-maj=13.2km s-min=11.3km az=117.0.									
ISC	VI	27 00 32 47	8-1.1	44.28N-09	148.0E-10	92-7	3.7b	34	1-69	
IDC	VI	27 00 32 39	5-26	44.89N	148.0E	0	3.9,3.8		18938545	
MOS	VI	27 00 32 45	4-65	45.36N	147.68E	33	4.3b,3.8			
ISCJB	VI	27 00 32 46	5-1.1	44.27N-09	148.0E-10	97-7	3.7b,3.8			
SKHL	VI	27 00 32 49	3-2.9	44.20N	148.04E	45-14	5.1b,3.8			
JMA	VI	27 00 32 50	5-30	43.97N	147.87E	91	4.0,3.8			
IDC	Error ellipse: s-maj=588.3km s-min=51.9km az=153.0.									
MOS	Error ellipse: s-maj=43.9km s-min=31.5km az=88.3.									
ISCJB	Error ellipse: s-maj=19.5km s-min=7.2km az=84.3.									
JMA	Error ellipse: s-maj=2.2km s-min=2.4km az=1.0.									
ISC	VI	14 04 36 16	1-30	43.88N-05	147.73E-04	37	4.5b,4.1s	216	1-153	
SZGRF	VI	14 04 36 10	6	42.51N	147.56E	33	4.5b,4.1s		18481022	
MOS	VI	14 04 36 13	8-81	43.78N	147.70E	33	4.8b,4.1s			
JMA	VI	14 04 36 13	5-20	43.63N	147.54E	0	4.8,4.1s			
ISCJB	VI	14 04 36 14	1-31	43.80N-05	147.78E-04	35	4.5b,4.1s			
SKHL	VI	14 04 36 14	5-1.2	43.84N	147.93E	49-17	5.1b,4.1s			
IDC	VI	14 04 36 15	9-70	43.82N	147.67E	37-5	5.4s,5.4			
BJI	VI	14 04 36 15	3	43.66N	147.94E	70	4.9b,4.6b			
NEIC	VI	14 04 36 16	2-19	43.83N	147.67E	38	4.7b,4.6b			
ISC	Event type se.									
SZGRF	Off southeast coast of Hokkaido, Japan.									
MOS	Error ellipse: s-maj=10.6km s-min=5.9km az=105.1.									
JMA	Error ellipse: s-maj=2.2km s-min=1.6km az=1.0.									
ISCJB	Event type se. Error ellipse: s-maj=7.4km s-min=3.4km az=134.6.									

IDC	Error ellipse: s-maj=15.0km s-min=13.2km az=149.0.									
NEIC	Event type se. Error ellipse: s-maj=5.7km s-min=4.0km az=142.0.									
ISC	VI	16 08 11 13	5-1.9	45.7N-30	150.8E-30	228-26	3.1b	29	4-71	
IDC	VI	16 08 10 49	8-1.2	46.83N	150.46E	0	3.8,3.5b		19600080	
ISCJB	VI	16 08 11 12	0-1.9	45.7N-30	150.9E-30	229-26	3.1b,3.5b			
JMA	VI	16 08 11 12	3-60	45.87N	150.91E	189	3.8,3.5b			
IDC	Error ellipse: s-maj=40.8km s-min=34.2km az=111.0.									
ISCJB	Error ellipse: s-maj=50.5km s-min=23.1km az=99.6.									
JMA	Error ellipse: s-maj=5.6km s-min=6.2km az=1.0.									
ISC	VI	18 20 07 53	2-81	49.10N-07	155.9E-10	38-5	4.3s,4.2b	140	2-84	
KRSC	VI	18 20 07 47	6-1.0	48.65N	156.76E	53-25	4.7L,4.2b		19841222	
IDC	VI	18 20 07 48	6-1.0	49.36N	155.90E	0	4.3,4.3s			
ISCJB	VI	18 20 07 49	7-1.4	49.04N-06	156.0E-10	25-9	4.3s,4.2b			
MOS	VI	18 20 07 52	4-1.0	49.28N	155.69E	33	4.6b,4.1s			
BJI	VI	18 20 07 54	7	49.20N	155.70E	41	4.5b,4.2s			
NEIC	VI	18 20 07 54	8-54	49.24N	155.73E	42	4.3b,4.2s			
SZGRF	VI	18 20 07 58	9	49.40N	153.99E	44	4.6b,4.2s			
ISC	Event type se.									
KRSC	Event type se.									
IDC	Error ellipse: s-maj=27.2km s-min=21.1km az=149.0.									
ISCJB										

Table with columns for station ID, time, coordinates, and magnitude. Includes stations like NIED, SZGRF, BJI, etc.

ISC Event type se. Error ellipse: s-maj=7.8km s-min=4.8km az=103.0.

MOS Error ellipse: s-maj=11.3km s-min=7.1km az=109.7. Felt (III) at Malokurilskoe; (II) at Yuzhno-Kuril'sk. Moment Tensor Solution.

SKHL Event type se. Felt (III) at Malokurilskoe, (II) at Yushno-Kurilsk.

JMA Error ellipse: s-maj=1.1km s-min=1.6km az=1.0.

ICD Error ellipse: s-maj=17.5km s-min=14.9km az=139.0.

NEIC Event type se. Error ellipse: s-maj=14.7km s-min=9.7km az=136.0. Felt (III) at Malokuril'skoye and (II) at Yuzhno-Kuril'sk.

ISC II 16 22 11 05.8--22 44.25N-03 148.98E-03 43 4.8b,4.6s 339 1-151

SKHL II 16 22 10 59.6-2.9 44.09N 149.51E 39-3 5.5b,5.3 18096035

ICD II 16 22 10 59.2--56 44.26N 148.95E 0 4.5s,4.5

NIED II 16 22 11 00 44.40N 149.20E 23 5.0W,4.5

JMA II 16 22 11 02.0-50 44.38N 149.18E 30 4.9,4.5

ISCJB II 16 22 11 03.8--23 44.17N-03 148.99E-03 41 4.8b,4.6s

MOS II 16 22 11 03.4-99 44.35N 149.02E 33 4.9b,4.5s

BJI II 16 22 11 03.3 44.23N 149.01E 40 5.1b,4.8s

NEIC II 16 22 11 05.3--25 44.27N 148.98E 38 4.8b,4.8s

SZGRF II 16 22 11 07.3 44.39N 149.81E 47 4.4b,4.8s

NAO II 16 22 11 07.7 44.91N 148.63E 33 4.6b,4.8s

ISC Event type se. Error ellipse: s-maj=16.5km s-min=13.3km az=141.0.

ICD Error ellipse: s-maj=16.5km s-min=13.3km az=141.0.

NIED Moment Tensor Solution. Best double couple: NP1:phi=37.00000, delta=60.00000, lambda=106.00000.

JMA Error ellipse: s-maj=4.4km s-min=4.0km az=1.0.

ISCJB Event type se. Error ellipse: s-maj=5.3km s-min=2.6km az=123.1.

MOS Error ellipse: s-maj=9.0km s-min=5.4km az=109.4.

NEIC Event type se. Error ellipse: s-maj=7.2km s-min=4.3km az=153.0.

SZGRF Kuril Islands, Russia.

ISC II 17 06 45 40.6--80 43.46N-06 146.95E-06 41-7 4.1b 77 4-85

NIED II 17 06 45 00 43.40N 146.80E 44 4.2W 18192701

ISCJB II 17 06 45 39.7--82 43.42N-05 146.94E-07 49-7 4.1b

MOS II 17 06 45 40.8-1.1 43.54N 146.79E 55 4.5b

SKHL II 17 06 45 40.2-00 43.42N 147.07E 47-8 4.9b

JMA II 17 06 45 40.7--20 43.35N 146.83E 40-3 4.3

NAO II 17 06 45 44.0 44.11N 146.40E 33 4.3b

BJI II 17 06 45 44.7 43.45N 147.09E 136 4.7b,4.6b

ICD II 17 06 45 44.6-3.1 43.54N 146.77E 74-28 4.2,4.0

NEIC II 17 06 45 48.8-1.7 43.50N 146.90E 114-18 4.5b,4.0

ISC Event type se. Error ellipse: s-maj=11.1km s-min=9.2km az=1.0.

NIED Moment Tensor Solution. Best double couple: NP1:phi=71.00000, delta=76.00000, lambda=124.00000.

ISCJB Event type se. Error ellipse: s-maj=10.1km s-min=6.4km az=99.8.

MOS Error ellipse: s-maj=17.3km s-min=11.2km az=87.9.

JMA Error ellipse: s-maj=2.2km s-min=1.6km az=1.0.

ICD Error ellipse: s-maj=18.4km s-min=14.5km az=145.0.

NEIC Event type se. Error ellipse: s-maj=15.9km s-min=10.0km az=153.0.

ISC II 17 22 56 31.5-1.4 46.4N-20 152.7E-20 66-14 4.3b 41 4-85

JMA II 17 22 56 27.8-90 46.65N 152.89E 30 4.4 18192723

Table with columns for station ID, time, coordinates, and magnitude. Includes stations like JMA, NEIC, ISC, etc.

JMA II 22 19 39 10.5-70 45.03N 150.89E 86 4.4,3.4

NEIC II 22 19 39 11.0-2.1 46.03N 150.92E 132-17 4.5b,3.4

ISC Event type se.

NIED Moment Tensor Solution. Best double couple: NP1:phi=154.00000, delta=161.00000, lambda=141.00000.

MOS Error ellipse: s-maj=22.6km s-min=15.4km az=158.2.

ICD Error ellipse: s-maj=28.9km s-min=18.6km az=156.0.

ISCJB Event type se. Error ellipse: s-maj=13.3km s-min=7.8km az=90.3.

JMA Error ellipse: s-maj=5.6km s-min=5.6km az=1.0.

NEIC Event type se. Error ellipse: s-maj=24.6km s-min=10.3km az=158.0.

JMA II 23 10 15 05.4-60 44.39N 149.30E 30 3.6

JMA Error ellipse: s-maj=5.6km s-min=5.6km az=1.0.

KRSC II 24 06 02 41.6-6.4 50.32N 156.65E 63-13 4.2L

ISC Event type se.

ISC II 24 09 56 30.0-51 44.44N-04 148.45E-06 35 4.1b 70 1-115

NIED II 24 09 56 00 44.00N 147.90E 44 3.9W 18335733

ISCJB II 24 09 56 28.3-50 44.36N-04 148.43E-05 33 4.1b

SKHL II 24 09 56 29.9-1.8 44.41N 148.53E 34-1 4.7b

MOS II 24 09 56 30.4-1.4 44.43N 148.17E 59 4.1b

JMA II 24 09 56 32.3-30 44.04N 147.91E 0 4.9

NEIC II 24 09 56 33.0-1.4 44.34N 148.15E 59-12 4.8b

ICD II 24 09 56 34.4-3.2 44.44N 148.01E 72-28 3.8,3.6

NAO II 24 09 56 48.9 47.36N 146.77E 33 4.2b,3.6

ISC Event type se.

NIED Moment Tensor Solution. Best double couple: NP1:phi=359.00000, delta=178.00000, lambda=171.00000.

ISCJB Event type se. Error ellipse: s-maj=6.6km s-min=4.4km az=106.9.

MOS Error ellipse: s-maj=14.1km s-min=12.5km az=97.2.

JMA Error ellipse: s-maj=2.2km s-min=2.4km az=1.0.

NEIC Event type se. Error ellipse: s-maj=17.4km s-min=12.4km az=125.0.

ICD Error ellipse: s-maj=21.9km s-min=16.4km az=109.0.

ISC II 24 23 01 43.0-73 43.65N-05 146.40E-09 81-5 3.7b 54 1-78

NIED II 24 23 01 00 43.60N 146.40E 74 3.8W 18335739

ISCJB II 24 23 01 42.0-7.2 43.65N-05 146.42E-09 86-5 3.7b

MOS II 24 23 01 42.0-1.5 43.62N 146.32E 90 3.9b

JMA II 24 23 01 43.7-1.0 43.58N 146.40E 73-4 4.2

SKHL II 24 23 01 43.5-60 43.59N 146.29E 60-7 5.3b

NEIC II 24 23 01 43.8-1.0 43.64N 146.21E 85-8 3.7b

ICD II 24 23 01 46.9-2.9 43.72N 146.14E 110-25 3.9,3.7

ISC Event type se.

NIED Moment Tensor Solution. Best double couple: NP1:phi=220.00000, delta=188.00000, lambda=112.00000.

ISCJB Event type se. Error ellipse: s-maj=19.0km s-min=12.7km az=113.2.

MOS Event type se. Error ellipse: s-maj=1.1km s-min=1.6km az=1.0.

NEIC Event type se. Error ellipse: s-maj=15.4km s-min=11.8km az=107.0. Recorded [1 JMA] in eastern Hokkaido.

ICD Error ellipse: s-maj=19.5km s-min=16.3km az=93.0.

JMA II 25 20 35 05.9-30 44.00N 148.26E 0 4.0

KRSC Event type se.

ISC II 19 06 18 34.4-45 44.50N-04 147.02E-06 134-3 4.2b 175 1-86

NIED II 19 06 18 00 44.30N 147.00E 140 4.2W 18106430

SZGRF II 19 06 18 28.4 45.36N 146.19E 33 4.8b

ISCJB II 19 06 18 33.4-44 44.49N-04 147.03E-05 136-3 4.2b

MOS II 19 06 18 34.6-1.3 44.47N 146.96E 152 4.4b

BJI II 19 06 18 35.8 44.63N 146.84E 157 4.7b,4.5b

JMA II 19 06 18 35.7-30 44.25N 147.00E 132-3 4.2,4.5b

SKHL II 19 06 18 35.5-50 44.42N 146.91E 129-8 5.0s,4.8b

ICD II 19 06 18 36.6-1.6 44.53N 146.90E 152-14 4.3,4.0

NEIC II 19 06 18 39.3-96 44.80N 146.86E 164-9 4.5b,4.0

NAO II 19 06 18 51.5 48.68N 144.36E 33 4.3b,4.0

ISC Event type se.

NIED Moment Tensor Solution. Best double couple: NP1:phi=47.00000, delta=80.00000, lambda=114.00000.

ISCJB Event type se. Error ellipse: s-maj=6.8km s-min=5.2km az=68.2.

MOS Error ellipse: s-maj=11.5km s-min=6.5km az=106.0.

JMA Error ellipse: s-maj=2.2km s-min=3.2km az=1.0.

ICD Error ellipse: s-maj=18.0km s-min=12.1km az=162.0.

NEIC Event type se. Error ellipse: s-maj=13.4km s-min=8.4km az=166.0.

JMA II 19 21 36 45.0-20 43.83N 147.06E 64-4 3.7

JMA Error ellipse: s-maj=1.1km s-min=1.6km az=1.0.

ISC II 21 23 21 13.9-1.4 50.0N-10 154.9E-20 129-14 3.3b 39 1-76

KRSC Event type se.

ISC V 23 16 06 05.6-1.3 43.16N-07 146.9E-10 52-12 3.6b 35 1-47

NIED V 23 16 06 00 43.10N 146.80E 47 3.5W 18854815

ICD V 23 16 06 02.2-8.7 42.59N 147.11E 48-57 3.7,3.6

ISCJB V 23 16 06 04.9-1.2 43.14N-07 146.85E-09 60-10 3.6b,3.6

MOS V 23 16 06 04.6-1.9 43.23N 146.99E 53 4.1b,3.6

JMA V 23 16 06 05.2-10 43.14N 146.84E 58-2 3.6,3.6

NIED Moment Tensor Solution. Best double couple: NP1:phi=204.00000, delta=54.00000, lambda=63.00000.

ICD Error ellipse: s-maj=101.1km s-min=27.1km az=170.0.

ISCJB Error ellipse: s-maj=14.4km s-min=8.1km az=98.5.

MOS Error ellipse: s-maj=39.7km s-min=22.4km az=44.1.

JMA Error ellipse: s-maj=1.1km s-min=1.6km az=1.0.

ISC V 28 22 58 36.3-1.1 44.7N-10 148.6E-20 100 4.1b 28 2-66

MOS V 28 22 58 21.1-1.9 45.17N 150.17E 33 4.4b 18854931

NEIC V 28 22 58 26.8-1.1 44.77N 149.06E 35 4.2b

ISCJB V 28 22 58 33.6-1.2 44.7N-10 148.8E-20 100 4.1b

JMA V 28 22 58 39.2-60 44.63N 148.38E 128 4.1

ISC Event type se.

NEIC Event type se.

KRSC Event type se.

ISCJB Event type se.

NEIC II 22 02 18 37.1-7.6 47.25N 154.02E 40 3.9b

NAO II 22 02 18 29.6 46.31N 155.29E 33 3.8b 18192974

ICD II 22 02 18 30.8-8.8 47.14N 154.05E 0 3.7,3.5b

KRSC Event type se.

KRSC V 22 10 41 45.7-30 49.24N 156.44E 36-17 4.0L

ISC Event type se.

ISC V 23 16 06 05.6-1.3 43.16N-07 146.9E-10 52-12 3.6b 35 1-47

NIED V 23 16 06 00 43.10N 146.80E 47 3.5W 18854815

ICD V 23 16 06 02.2-8.7 42.59N 147.11E 48-57 3.7,3.6

ISCJB V 23 16 06 04.9-1.2 43.14N-07 146.85E-09 60-10 3.6b,3.6

MOS V 23 16 06 04.6-1.9 43.23N 146.99E 53 4.1b,3.6

JMA V 23 16 06 05.2-10 43.14N 146.84E 58-2 3.6,3.6

NIED Moment Tensor Solution. Best double couple: NP1:phi=204.00000, delta=54.00000, lambda=63.00000.

ICD Error ellipse: s-maj=101.1km s-min=27.1km az=170.0.

ISCJB Error ellipse: s-maj=14.4km s-min=8.1km az=98.5.

MOS Error ellipse: s-maj=39.7km s-min=22.4km az=44.1.

JMA Error ellipse: s-maj=1.1km s-min=1.6km az=1.0.

ISC V 28 22 58 36.3-1.1 44.7N-10 148.6E-20 100 4.1b 28 2-66

MOS V 28 22 58 21.1-1.9 45.17N 150.17E 33 4.4b 18854931

NEIC V 28 22 58 26.8-1.1 44.77N 149.06E 35 4.2b

KRSC	VI	06 06 24 42.8-1.7	50.46N	156.78E	6-7	4.0L			
MOS	VI	06 06 24 45.1-4.0	50.37N	157.05E	46	4.1b			
KRSC	Event type se.								
MOS	Error ellipse: s-maj=99.9km s-min=14.9km az=72.0.								
JMA	VI	21 19 24 04.1-20	43.89N	148.00E	92	3.7			
JMA	Error ellipse: s-maj=2.2km s-min=2.4km az=-1.0.								
JMA	VI	19 04 21 43.2-40	43.96N	147.89E	0	3.8			
JMA	Error ellipse: s-maj=3.3km s-min=3.2km az=-1.0.								
JMA	VI	18 23 04 09.5-30	44.08N	148.19E	0	4.4			
NIED	VI	18 23 04 00	44.10N	148.20E	62	3.8W			
JMA	Error ellipse: s-maj=3.3km s-min=2.4km az=-1.0.								
JMA	Moment Tensor Solution. Best double couple: NP1:φ=141.00000°,δ76.00000°,λ-143.00000°.								
NIED	NP2:φ=41.00000°,δ54.00000°,λ-18.00000°. M=4.79000×10 ¹⁴								
ISC	VI	26 19 44 56.1-1.4	46.5N-10	153.2E-10	65-12	3.8b	59	4-79	
SKHL	VI	26 19 44 52.4-2.7	46.30N	153.50E	45-14	4.6b			
MOS	VI	26 19 44 53.3-2.5	46.89N	153.09E	33	4.5b			
NEIC	VI	26 19 44 54.4-5.8	46.92N	153.51E	41-42	4.0b			
ISCJB	VI	26 19 44 55.6-1.8	46.3N-10	153.1E-20	83-16	3.8b			
IDC	VI	26 19 44 57.8-9.0	46.80N	152.80E	59-68	3.9,3.7			
ISC	Event type se.								
MOS	Error ellipse: s-maj=18.9km s-min=12.2km az=45.9.								
NEIC	Event type se. Error ellipse: s-maj=53.5km s-min=18.9km az=85.0.								
ISCJB	Event type se. Error ellipse: s-maj=21.5km s-min=15.0km az=90.4.								
IDC	Error ellipse: s-maj=78.9km s-min=20.3km az=83.0.								
JMA	VI	18 13 12 45.3-20	43.62N	147.20E	29-4	4.1			
NIED	VI	18 13 12 00	43.60N	147.20E	14	3.6W			
JMA	Error ellipse: s-maj=1.1km s-min=1.6km az=-1.0.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=271.00000°,δ80.00000°,λ-113.00000°.								
NIED	NP2:φ=159.00000°,δ25.00000°,λ-24.00000°. M=2.83000×10 ¹⁴								
JMA	VI	18 06 43 05.6-60	46.00N	151.02E	30	3.9			
JMA	Error ellipse: s-maj=6.7km s-min=7.0km az=-1.0.								
JMA	VI	18 02 43 34.9-50	44.27N	148.31E	0	3.6			
JMA	Error ellipse: s-maj=8.9km s-min=4.8km az=-1.0.								
JMA	VI	02 22 06 44.0-10	43.03N	146.73E	59-2	3.8			
JMA	Error ellipse: s-maj=1.1km s-min=1.6km az=-1.0.								
JMA	VI	01 23 53 21.4-20	43.67N	147.25E	37	3.5			
JMA	Error ellipse: s-maj=2.2km s-min=1.6km az=-1.0.								
ISC	VI	01 08 48 14.1-50	44.62N-04	148.27E-05	65-4	4.3b	169	1-151	
NIED	VI	01 08 48 00	44.20N	148.20E	65	4.3W			
SKHL	VI	01 08 48 10.8-1.0	44.63N	148.64E	45-14	5.2b			
MOS	VI	01 08 48 11.0-1.1	44.56N	148.30E	55	4.6b			
JMA	VI	01 08 48 12.1-30	44.16N	148.25E	0	5.4			
BJI	VI	01 08 48 12.9	44.53N	148.29E	67	4.7b,4.7b			
ISCJB	VI	01 08 48 12.2-54	44.57N-04	148.34E-05	65-4	4.3b,4.7b			
IDC	VI	01 08 48 13.1-4.3	44.65N	148.27E	55-39	4.2L,4.0			
NEIC	VI	01 08 48 13.5-85	44.62N	148.24E	59-8	4.5b,4.0			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=192.00000°,δ65.00000°,λ-54.00000°.								
NIED	NP2:φ=312.00000°,δ43.00000°,λ-141.00000°. M=3.05000×10 ¹⁵								
SKHL	Event type fe. Felt (II-III) at Kuril'sk.								
MOS	Event type fe. Error ellipse: s-maj=10.0km s-min=7.0km az=83.5. Felt (II-III) at Kuril'sk.								
JMA	Error ellipse: s-maj=3.3km s-min=3.2km az=-1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=7.4km s-min=4.3km az=95.4.								
IDC	Error ellipse: s-maj=19.3km s-min=14.5km az=127.0.								
NEIC	Event type fe. Error ellipse: s-maj=7.5km s-min=5.7km az=151.0. Felt [III] at Kuril'sk.								
ISC	IV	06 17 09 37.5-21	46.98N-03	153.94E-04	30	5.1b,4.5s	540	4-153	
SKHL	IV	06 17 09 33.1-6	46.78N	154.37E	32-4	5.5s,5.4b			
IDC	IV	06 17 09 35.4-4.2	47.01N	153.88E	16-25	4.8,4.8			
ISCJB	IV	06 17 09 35.5-20	46.90N-03	153.96E-04	28	5.1b,4.5s			
BJI	IV	06 17 09 36.1	47.17N	153.87E	32	5.1b,5.0b			
MOS	IV	06 17 09 37.2-1.1	46.93N	153.80E	39	5.3b,4.5s			
NEIC	IV	06 17 09 38.2-20	46.95N	153.94E	35	5.1b,4.5s			
HRVD	IV	06 17 09 38.2-40	47.03N	154.16E	21-0	5.0W,4.5s			
SZGRF	IV	06 17 09 54.8	49.47N	150.66E	33	5.5b,4.5s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=16.1km s-min=11.5km az=148.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.5km s-min=2.7km az=115.0.								
MOS	Error ellipse: s-maj=7.8km s-min=4.2km az=102.7.								
NEIC	Event type se. Error ellipse: s-maj=6.0km s-min=3.6km az=153.0.								
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.								
	nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
	LP body waves: s28,c37; Mantle waves: s62,c89; Half duration: 0 Moment tensor: Scale 10 ¹⁶								
	Nm; Mrr:3.41±2.1 Mθθ:1.22±1.2; Mφφ:2.20±1.3; Mzz:0.46±2.2; Mxy:1.45±0.7; Mxz:0.77±2.0;								
	Best double couple: NP1:φ=217.00000°,δ37.00000°,λ92.00000°. NP2:φ=34.00000°.								
	,δ53.00000°,λ89.00000°. Principal axes: T 3.5300,Plg82.0000°,Az=297.0000°								
	; N-0.1810,Plg1.0000°,Az=35.0000°; P-3.3590,Plg8.0000°,Az=125.0000° M=3.44400×10 ¹⁶								
SZGRF	Northwest of Kuril Islands, Russia.								
ISC	IV	14 11 39 38.1-1.0	43.9N-10	147.6E-10	35	4.2b	27	1-68	
NIED	IV	14 11 39 00	43.70N	147.40E	29	3.5W			
ISCJB	IV	14 11 39 36.4-98	44.00N-08	147.6E-10	33	3.4b			
JMA	IV	14 11 39 38.2-30	43.69N	147.41E	16-5	4.1			
SKHL	IV	14 11 39 38.0-2.3	44.00N	147.70E	53-14	4.2b			
IDC	IV	14 11 39 39.3-1.3	45.06N	147.37E	0	3.9L,3.7			
MOS	IV	14 11 39 41.0-3.0	44.85N	147.22E	33	4.0b,3.7			
NIED	Moment Tensor Solution. Best double couple: NP1:φ=166.00000°,δ87.00000°,λ97.00000°.								
NIED	NP2:φ=275.00000°,δ8.00000°,λ20.00000°. M=2.35000×10 ¹⁴								
ISCJB	Error ellipse: s-maj=14.9km s-min=5.4km az=99.9.								
JMA	Error ellipse: s-maj=2.2km s-min=3.2km az=-1.0.								
IDC	Error ellipse: s-maj=61.8km s-min=25.0km az=132.0.								
MOS	Error ellipse: s-maj=82.9km s-min=31.2km az=47.5.								
ISC	IV	15 09 38 46.5-24	49.89N-03	156.90E-05	70	4.4b	261	1-146	
KRSC	IV	15 09 38 42.8-1.3	49.72N	157.13E	31-6	4.9L			
SKHL	IV	15 09 38 43.0-90	49.70N	156.86E	33-0	5.3b			
ISCJB	IV	15 09 38 44.8-24	49.85N-03	157.00E-05	68	4.4b			
IDC	IV	15 09 38 45.9-53	49.84N	156.66E	69-4	4.3,4.1			
NEIC	IV	15 09 38 46.0-1.8	49.91N	156.78E	64-11	4.7b,4.1			
BJI	IV	15 09 38 47.3	50.66N	156.97E	76	4.7b,4.3b			
MOS	IV	15 09 38 48.6-96	50.23N	156.88E	86	4.6b,4.3b			
SZGRF	IV	15 09 38 50.3	51.16N	157.53E	33	5.1b,4.3b			
ISC	Event type fe.								
KRSC	Event type se.								
SKHL	Event type fe. Felt (II) at Severo-Kuril'sk.								
ISCJB	Event type fe. Error ellipse: s-maj=4.9km s-min=3.2km az=77.4.								
IDC	Error ellipse: s-maj=15.4km s-min=11.1km az=142.0.								
NEIC	Event type fe. Error ellipse: s-maj=17.1km s-min=4.1km az=188.0. Felt [III] at Severo-Kuril'sk.								
MOS	Event type fe. Error ellipse: s-maj=11.1km s-min=5.1km az=83.5. Felt (I-II) at Severo-Kuril'sk.								
SZGRF	Near east coast of Kamchatka Peninsula, Russia.								
ISC	IV	30 22 40 15.0-74	47.60N-10	152.8E-20	35	4.2b	48	4-80	
IDC	IV	30 22 40 10.1-1.2	47.57N	152.65E	0	4.1,4.0b			
ISCJB	IV	30 22 40 13.2-74	47.57N-10	152.8E-20	33	4.2b,4.0b			
MOS	IV	30 22 40 13.2-70	47.56N	152.58E	33	4.4b,4.0b			
NEIC	IV	30 22 40 15.3-61	47.50N	152.57E	35	4.3b,4.0b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=37.6km s-min=26.4km az=92.0.								
ISCJB	Event type se. Error ellipse: s-maj=17.9km s-min=13.4km az=35.1.								
MOS	Error ellipse: s-maj=32.1km s-min=14.1km az=114.6.								
NEIC	Event type se. Error ellipse: s-maj=16.5km s-min=11.1km az=100.0.								

(222) East of Kuril Islands.

ISC	IV	13 00 33 02.6-3.0	43.97N-06	148.30E-10	32-21	3.8b	46	1-151	
IDC	IV	13 00 32 57.8-70	43.99N	148.23E	0	4.0,3.9			
MOS	IV	13 00 33 00.1-1.9	43.98N	148.53E	33	4.0b,3.9			
NIED	IV	13 00 33 00	43.80N	147.80E	8	3.8W,3.9			

ISCJB	IV	13 00 33 01.1-1.4	43.91N-06	148.3E-10	36-11	3.8b,3.9			
NEIC	IV	13 00 33 03.0-35	43.97N	148.22E	35	4.0b,3.9			
JMA	IV	13 00 33 03.0-60	43.78N	147.79E	0	3.9,3.9			
ISC	Event type se.								
IDC	Error ellipse: s-maj=23.8km s-min=18.2km az=133.0.								
MOS	Error ellipse: s-maj=14.5km s-min=10.4km az=123.3.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=183.00000°,δ70.00000°,λ68.00000°.								
NIED	NP2:φ=52.00000°,δ29.00000°,λ135.00000°. M=6.35000×10 ¹⁴								
ISCJB	Event type se. Error ellipse: s-maj=14.5km s-min=8.8km az=39.9.								
NEIC	Event type se. Error ellipse: s-maj=10.6km s-min=7.6km az=126.0.								
JMA	Error ellipse: s-maj=2.2km s-min=4.8km az=-1.0.								
ISC	IV	07 15 00 02.5-13	44.84N-02	150.30E-02	71	5.3b	1021	2-152	
NIED	IV	07 14 59 00	44.80N	150.40E	53	5.3W			
SKHL	IV	07 14 59 57.9-2.1	45.02N	150.53E	39-2	6.0b,5.7			
MOS	IV	07 14 59 57.2-94	44.85N	150.25E	36	5.6b,4.8s			
BJI	IV	07 14 59 59.3	45.08N	150.16E	43	5.3b,5.2b			
JMA	IV	07 14 59 59.6-30	44.84N	150.36E	30	5.1,5.2b			
ISCJB	IV	07 15 00 00.4-13	44.69N-03	150.35E-02	69	5.3b,5.2b			
NEIC	IV	07 15 00 02.1-13	44.88N	150.37E	65	5.5W,5.5b			
HRVD	IV	07 15 00 02.1-20	44.88N	150.58E	49-0	5.4W,5.5b</			

ISC	Event type se.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ:143.00000°,δ81.00000°,λ34.00000°; NP2:φ:46.00000°,δ56.00000°,λ169.00000°; M1:3.90000×10 ¹⁵									
IDC	Error ellipse: s-maj=24.5km s-min=16.1km az=153.0.									
MOS	Error ellipse: s-maj=13.7km s-min=8.2km az=102.3.									
ISCJB	Event type se. Error ellipse: s-maj=8.0km s-min=4.9km az=133.0.									
JMA	Error ellipse: s-maj=2.2km s-min=2.4km az=1.0.									
NEIC	Event type se. Error ellipse: s-maj=19.7km s-min=10.5km az=145.0.									
ISC	III	09 22 20 23.3-89	43.96N-06	148.47E-08	46-7	4.2b	103	1-79		
NIED	III	09 22 20 20	44.30N	148.50E	32	4.0W			¶10600663	
SKHL	III	09 22 20 19.4-10	44.12N	148.76E	30-9	4.8b				
JMA	III	09 22 20 20.8-60	44.32N	148.52E	30	4.5				
MOS	III	09 22 20 21.4-1.1	44.14N	148.39E	40	4.3b				
ISCJB	III	09 22 20 22.1-98	43.83N-06	148.48E-08	56-8	4.2b				
NEIC	III	09 22 20 23.3-84	44.17N	148.29E	35	4.0b				
IDC	III	09 22 20 25.9-3.2	44.12N	148.27E	62-33	3.9,3.8				
ISC	Event type se.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ:237.00000°,δ73.00000°,λ-148.00000°; NP2:φ:137.00000°,δ59.00000°,λ-19.00000°; M1:3.20000×10 ¹⁵									
JMA	Error ellipse: s-maj=4.4km s-min=4.8km az=1.0.									
MOS	Error ellipse: s-maj=14.4km s-min=9.5km az=124.3.									
ISCJB	Event type se. Error ellipse: s-maj=11.3km s-min=9.0km az=114.4.									
NEIC	Event type se. Error ellipse: s-maj=20.7km s-min=9.8km az=147.0.									
IDC	Error ellipse: s-maj=51.9km s-min=19.3km az=165.0.									
JMA	III	11 06 24 38.2--70	43.92N	150.46E	30	4.0			¶10601664	
JMA	III	20 09 47 10.4--50	43.74N	148.05E	0	3.7			¶10607083	
JMA	Error ellipse: s-maj=4.4km s-min=4.0km az=1.0.									
ISC	VI	24 23 43 37.4--13	43.45N-03	149.93E-02	37	5.1b,4.4s	777	2-152		
NIED	VI	24 23 43 00	43.80N	150.00E	5	5.0W,4.4s			¶18495949	
IDC	VI	24 23 43 32.1-45	43.53N	150.14E	0	4.8,4.8				
SKHL	VI	24 23 43 34.9-1.9	43.90N	150.07E	34-1	5.6b,5.4s				
BJI	VI	24 23 43 35.5	43.76N	149.79E	18	5.2b,5.0b				
ISCJB	VI	24 23 43 35.1-13	43.30N-03	149.99E-02	35	5.1b,4.4s				
JMA	VI	24 23 43 36.0-50	43.77N	149.96E	30	5.4,4.4s				
MOS	VI	24 23 43 37.8-81	43.96N	150.04E	33	5.3b,4.5s				
HRVD	VI	24 23 43 38.2-60	43.50N	150.26E	18-1	5.1W,4.5s				
NEIC	VI	24 23 43 38.2-15	43.51N	150.02E	41	5.2b,4.5s				
SZGRF	VI	24 23 43 43.1	43.73N	146.84E	33	5.2b,4.5s				
ISC	Event type se.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ:268.00000°,δ64.00000°,λ-83.00000°; NP2:φ:72.00000°,δ27.00000°,λ-105.00000°; M3:8.90000×10 ¹⁶									
IDC	Error ellipse: s-maj=13.9km s-min=12.7km az=137.0.									
ISCJB	Event type se. Error ellipse: s-maj=4.2km s-min=1.8km az=152.2.									
JMA	Error ellipse: s-maj=4.4km s-min=4.0km az=1.0.									
MOS	Error ellipse: s-maj=8.2km s-min=3.8km az=108.6.									
HRVD	Error ellipse: s-maj=5.6km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s21,c27; Mantle waves: s53,c82; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M1:5.50±.45 M2:3.99±.28; M3:1.51±.29; M4:0.70±.58; M5:2.01±.17; M6:0.58±.81; Best double couple: NP1:φ:53.00000°,δ44.00000°,λ-102.00000°; NP2:φ:249.00000°,δ47.00000°,λ-79.00000°. Principal axes: T 5.1220,Plg2.0000°,AzM331.0000°; N 0.5090,Plg8.0000°,AzM61.0000°; P -5.6300,Plg82.0000°,AzM229.0000°; M5.37600×10 ¹⁶									
NEIC	Event type se. Error ellipse: s-maj=4.8km s-min=3.1km az=167.0.									
SZGRF	Kuril Islands, Russia.									
ISC	VI	25 20 07 59.1-67	43.31N-07	149.84E-06	35	4.1b	64	2-71		
BJI	VI	25 20 07 51.5	42.83N	149.87E	13	4.4b,4.2b			¶18750741	
IDC	VI	25 20 07 51.4-4.5	43.30N	150.50E	0	4.1b,4.0				
MOS	VI	25 20 07 53.8-3.4	43.22N	150.38E	65	4.2b,4.0				
JMA	VI	25 20 07 55.8-60	43.88N	150.09E	30	4.2,4.0				
ISCJB	VI	25 20 07 56.8-66	43.20N-07	149.83E-06	33	4.1b,4.0				
NEIC	VI	25 20 07 56.7-78	43.29N	150.34E	35	4.0b,4.0				
ISC	Event type se.									
IDC	Error ellipse: s-maj=96.0km s-min=34.7km az=144.0.									
MOS	Error ellipse: s-maj=21.8km s-min=11.4km az=124.7.									
JMA	Error ellipse: s-maj=5.6km s-min=4.8km az=1.0.									
ISCJB	Event type se. Error ellipse: s-maj=10.2km s-min=5.4km az=137.5.									
NEIC	Event type se. Error ellipse: s-maj=17.0km s-min=10.4km az=105.0.									
JMA	VI	01 12 49 36.8-40	43.96N	148.32E	0	3.8			¶19811759	
JMA	VI	29 09 09 27.1-1.6	50.23N	159.28E	44-22	3.8L				
MOS	VI	29 09 09 15.7-37	49.47N	159.49E	26	4.2b			¶10628731	
KRSC	Event type se.									
MOS	Error ellipse: s-maj=45.6km s-min=10.9km az=91.0.									
ISC	VI	21 19 08 29.0-51	49.81N-03	159.21E-06	35	3.8b	91	2-77		
IDC	VI	21 19 08 21.2-1.8	49.82N	159.66E	0	3.8L,3.8			¶18750606	
NEIC	VI	21 19 08 24.1-63	49.71N	159.06E	10	4.1b,3.8				
MOS	VI	21 19 08 26.6-1.2	49.78N	159.18E	45	4.5b,3.8				
ISCJB	VI	21 19 08 26.5-50	49.77N-03	159.25E-06	33	3.8b,3.8				
KRSC	VI	21 19 08 27.3-60	49.79N	159.33E	40-10	4.9L,3.8				
BJI	VI	21 19 08 28.1	49.80N	158.29E	5	4.6b,4.3b				
ISC	Event type se.									
IDC	Error ellipse: s-maj=50.2km s-min=28.2km az=92.0.									
NEIC	Event type se. Error ellipse: s-maj=13.8km s-min=11.2km az=147.0.									
MOS	Error ellipse: s-maj=16.4km s-min=7.4km az=87.2.									
ISCJB	Event type se. Error ellipse: s-maj=6.0km s-min=4.2km az=28.6.									
KRSC	Event type se.									
ISC	VI	30 01 50 01.7-1.8	43.7N-20	149.0E-20	73-15	3.3b	22	2-70		
JMA	VI	30 01 49 59.9-40	44.30N	148.97E	30	3.4			¶10699160	
ISCJB	VI	30 01 50 00.6-1.8	43.6N-20	149.0E-20	82-14	3.3b				
IDC	VI	30 01 50 06.6-8.1	46.06N	148.17E	0	3.6b,3.6				
JMA	Error ellipse: s-maj=2.2km s-min=3.2km az=1.0.									
ISCJB	Error ellipse: s-maj=28.2km s-min=14.2km az=122.4.									
IDC	Error ellipse: s-maj=175.8km s-min=40.0km az=137.0.									
ISC	III	09 08 23 55.3-15	44.93N-03	151.61E-03	58	5.2b,4.6s	631	3-152		
NIED	III	09 08 23 00	45.20N	151.70E	26	4.8W,4.6s			¶10600124	
SKHL	III	09 08 23 49.9-2.3	45.10N	151.69E	31-5	6.0b,5.7				
JMA	III	09 08 23 50.6-60	45.21N	151.70E	30	5.7,5.7				
MOS	III	09 08 23 51.1-1.2	44.94N	151.68E	33	5.5b,4.5s				
BJI	III	09 08 23 52.7	45.00N	151.29E	30	5.1b,5.1b				
ISCJB	III	09 08 23 53.4-15	44.88N-03	151.61E-02	56	5.2b,4.6s				
IDC	III	09 08 23 55.0-33	45.02N	151.68E	56-2	4.9,4.7				
HRVD	III	09 08 23 55.3-30	45.05N	151.90E	13-1	5.0W,4.7				
NEIC	III	09 08 23 55.3-15	44.99N	151.73E	57	5.2b,4.7				
SZGRF	III	09 08 24 01.0	46.50N	151.50E	55	5.3b,4.7				
ISC	Event type se.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ:293.00000°,δ63.00000°,λ-36.00000°; NP2:φ:41.00000°,δ59.00000°,λ-148.00000°; M2:0.40000×10 ¹⁶									
JMA	Error ellipse: s-maj=5.6km s-min=4.7km az=1.0.									
MOS	Error ellipse: s-maj=6.7km s-min=4.2km az=108.4.									
ISCJB	Event type se. Error ellipse: s-maj=4.2km s-min=2.1km az=134.5.									
IDC	Error ellipse: s-maj=10.9km s-min=8.1km az=125.0.									
HRVD	Error ellipse: s-maj=3.3km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s29,c45; Mantle waves: s67,c121; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M1:2.26±.18 M2:3.60±.14; M3:1.33±.10; M4:1.51±.28; M5:1.55±.09; M6:0.39±.26; Best double couple: NP1:φ:42.00000°,δ43.00000°,λ-139.00000°; NP2:φ:289.00000°,δ64.00000°,λ-55.00000°. Principal axes: T 4.3250,Plg12.0000°,AzM345.0000°; N -1.2910,Plg31.0000°,AzM83.0000°; P -3.0240,Plg56.0000°,AzM237.0000°; M3.67400×10 ¹⁶									
NEIC	Event type se. Error ellipse: s-maj=4.8km s-min=3.2km az=161.0.									
SZGRF	Kuril Islands, Russia.									
ISC	III	10 00 46 13.8-1.2	44.96N-08	151.7E-10	39-10	4.1b,3.9s	63	5-150		
NIED	III	10 00 46 00	45.50N	151.30E	20	4.1W,3.9s			¶10600739	
IDC	III	10 00 46 07.9-65	45.02N	151.89E	0	4.2,4.1				
BJI	III	10 00 46 10.8	44.41N	151.88E	44	4.6b,4.3b				
MOS	III	10 00 46 11.7-1.1	45.04N	151.74E	33	4.5b,4.3b				

ISCJB	III	10 00 46 12.5-1.3	44.91N-08	151.61E-10	43-11	4.1b,3.9s				
JMA	III	10 00 46 13.8-80	45.53N	151.35E	30	4.2,3.9s				
NEIC	III	10 00 46 13.3-50	44.99N	151.92E	35	4.6b,3.9s				
ISC	Event type se.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ:266.00000°,δ89.00000°,λ53.00000°; NP2:φ:175.00000°,δ37.00000°,λ178.00000°; M1:7.80000×10 ¹⁵									
IDC	Error ellipse: s-maj=20.1km s-min=16.7km az=137.0.									
MOS	Error ellipse: s-maj=19.0km s-min=12.2km az=99.3.									
ISCJB	Event type se. Error ellipse: s-maj=14.0km s-min=10.2km az=118.7.									
JMA	Error ellipse: s-maj=8.9km s-min=7.8km az=1.0.									
NEIC	Event type se. Error ellipse: s-maj=15.5km s-min=12.0km az=124.0.									
ISC	III	18 10 38 56.5-74	45.8-10	153.2E-10	35	3.5b	54	4-69		
NIED	III	18 10 38 00	46.60N	152.90E	8	3.8W			¶10605900	
SKHL	III	18 10 38 54.3-79	45.7N-10	153.22E-10	33	3.5b				
ISCJB	III	18 10 38 55.1-60	46.58N	152.93E	30	4.7				
JMA	III	18 10 38 57.0-1.6	46.09N	152.97E	84	3.8b				
MOS	III	18 10 38 58.5-1.8	45.70N	153.00E	57-23	5.5b				
IDC	III	18 10 38 59.1-3.8	46.12N	152.92E	79-53	3.9,3.8L				
NIED	Moment Tensor Solution. Best double couple: NP1:φ:237.00000°,δ76.00000°,λ22.00000°; NP2:φ:141.00000°,δ68.00000°,λ165.00000°; M5:6.40000×10 ¹⁴									
ISCJB	Error ellipse: s-maj=19.3km s-min=6.8km az=132.7.									
JMA	Error ellipse: s-maj=7.8km s-min=6.9km az=1.0.									
MOS	Error ellipse: s-maj=33.4km s-min=17.0km az=145.2.									
IDC	Error ellipse: s-maj=100.3km s-min=27.3km az=161.0.									
KRSC	IV	26 23 51 59.6-1.7	49.79N	157.29E	31-9	4.0L			¶10261576	
KRSC	Event type se.									
KRSC	IV	27 00 19 22.5-80	48.67N	156.69E	17-23	4.2L			¶10261592	
KRSC	Event type se.									
KRSC	IV	03 04 54 13.4-80	50.26N	159.28E	40-24	3.9L			¶10261312	
KRSC	Event type se.									

M03.05000x10¹⁶
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.6km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=350.00000°,δ62.00000°,λ31.00000°. NP2:φ=96.00000°,δ63.00000°,λ148.00000°. Principal axes: T P1g1.0000°,Azm223.0000°; N P1g49.0000°,Azm132.0000°; P P1g41.0000°,Azm314.0000°
 IDC Error ellipse: s-maj=8.5km s-min=7.2km az=131.0.
 JMA I 28 00 16 43.5-10 44.93N 140.66E 9-2 3.5
 JMA I 18 21 25 03.3-30 41.17N 137.91E 327 3.5
 JMA Error ellipse: s-maj=2.2km s-min=5.0km az=-1.0.
 JMA I 13 03 19 57.4-10 38.09N 136.37E 0 3.8
 JMA Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 JMA IV 10 06 26 53.3-20 44.88N 139.95E 3-2 4.5
 NIED IV 10 06 26 00 44.90N 140.00E 8 3.6W
 JMA Error ellipse: s-maj=1.1km s-min=1.6km az=-1.0.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=232.00000°,δ89.00000°,λ162.00000°. NP2:φ=322.00000°,δ72.00000°,λ1.00000°. M02.84000x10¹⁴
 (224) Hokkaido region.
 ISC IV 08 21 22 36.7-91 42.98N-07 145.44E-07 46-7 3.4b 20 0-70
 NIED IV 08 21 22 00 43.00N 145.40E 38 3.5W
 IDC IV 08 21 22 32.4-14 43.30N 145.35E 0 3.8,3.6b
 ISCJB IV 08 21 22 35.7-91 42.96N-07 145.45E-07 53-6 3.4b,3.6b
 JMA IV 08 21 22 37.0-10 42.99N 145.41E 47-1 3.6,3.6b
 NEIC IV 08 21 22 37.0 42.99N 145.41E 47 3.6,3.6b
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=30.00000°,δ61.00000°,λ77.00000°. NP2:φ=235.00000°,δ31.00000°,λ112.00000°. M02.10000x10¹⁴
 IDC Error ellipse: s-maj=36.4km s-min=38.6km az=168.0.
 ISCJB Event type fe. Error ellipse: s-maj=12.0km s-min=7.8km az=120.2.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
 NEIC Event type se. After JMA.
 ISC IV 09 00 37 11.3-33 41.64N-02 142.80E-03 55-2 4.8b,3.8s 354 0-157
 NIED IV 09 00 37 00 41.60N 142.80E 41 4.5W,3.7b
 BJI IV 09 00 37 08.1 41.65N 142.80E 48 4.8b,4.8s
 MOS IV 09 00 37 09.7-92 41.68N 142.70E 51 5.0b,4.7b
 ISCJB IV 09 00 37 10.2-34 41.62N-03 142.79E-03 58-2 4.8b,3.8s
 JMA IV 09 00 37 10.9-10 41.60N 142.84E 51-3 4.6,3.8s
 NEIC IV 09 00 37 10.9 41.60N 142.84E 51 4.7b,4.5W
 IDC IV 09 00 37 12.1-2.1 41.64N 142.71E 60-19 4.7,4.5
 SZGRF IV 09 00 37 18.1 42.68N 142.99E 62 4.7b,4.5
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=320.00000°,δ67.00000°,λ69.00000°. NP2:φ=105.00000°,δ38.00000°,λ-119.00000°. M06.51000x10¹⁵
 MOS Error ellipse: s-maj=8.3km s-min=4.4km az=105.1.
 ISCJB Event type fe. Error ellipse: s-maj=5.0km s-min=3.3km az=89.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0.
 NEIC Event type fe. Recorded [3 JMA] in south-central Hokkaido and [1 JMA] in much of southern Hokkaido. Also recorded [2 JMA] in Aomori and [1 JMA] in Iwate Prefectures, Honshu. After JMA. Moment Tensor Solution. M06.50000x10¹⁵
 IDC Error ellipse: s-maj=14.2km s-min=10.4km az=107.0.
 SZGRF Hokkaido, Japan, region.
 ISC IV 10 11 25 59.1-10 43.65N-02 144.79E-02 122 5.3b 753 0-155
 BJI IV 10 11 25 57.5 43.77N 144.77E 115 5.5b,5.2b
 SZGRF IV 10 11 25 58.9 43.94N 145.69E 122 5.1b,4.2s
 MOS IV 10 11 25 58.5-85 43.67N 144.77E 122 5.2b,4.2s
 BGS IV 10 11 25 58.5-1.4 43.55N 145.34E 120-0 5.0b,4.2s
 ISCJB IV 10 11 25 58.0-10 43.63N-02 144.83E-02 120 5.3b,4.2s
 NEIC IV 10 11 25 59.6-09 43.69N 144.76E 120 5.3b,5.1W
 SKHL IV 10 11 25 59.1-40 43.70N 144.87E 120-28 6.0,5.7b
 HRVD IV 10 11 25 59.6-20 43.68N 144.84E 125-2 5.1W,5.7b
 IDC IV 10 11 25 59.4-43 43.63N 144.95E 120-3 5.3,5.0
 JMA IV 10 11 25 59.4-10 43.62N 144.91E 120-1 5.1,5.0
 NIED IV 10 11 26 00 43.60N 144.90E 125 5.1W,5.0
 ISC Event type fe.
 SZGRF Hokkaido, Japan, region.
 MOS Event type fe. Error ellipse: s-maj=6.4km s-min=4.0km az=101.3. Felt (II) at Yuzhno-Kuril'sk. Moment Tensor Solution.
 BGS Error ellipse: s-maj=172.5km s-min=662.8km az=-1.0.
 ISCJB Event type fe. Error ellipse: s-maj=2.6km s-min=1.8km az=112.2.
 NEIC Event type fe. Error ellipse: s-maj=3.1km s-min=2.0km az=159.0. Felt (II) at Yuzhno-Kuril'sk, Kunashir. Recorded [3 JMA] in the Bekkai area, [2 JMA] in eastern Hokkaido and [1 JMA] in south-central Hokkaido. Also recorded [1 JMA] in Aomori, Iwate and Miyagi Prefectures, Honshu. Moment Tensor Solution. M05.60000x10¹⁶
 SKHL Event type fe. Felt (II) at Yuzhno-Kuril'sk.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid-Moment Tensor Solution. LP body waves: s43,c60; Mantle waves: s88,c165; Half duration: 0 Moment tensor; Scale 10¹⁶ Nm; M01.94±15; M01.94±15; M01.94±15; M01.26±11; M01.69±14; M01.89±13; Best double couple: NP1:φ=37.00000°,δ30.00000°,λ127.00000°. NP2:φ=176.00000°,δ67.00000°,λ71.00000°. Principal axes: T 5.2060, P1g63.0000°,Azm54.0000°; N 1.9590, P1g18.0000°,Azm183.0000°; P -7.1640, P1g19.0000°,Azm280.0000°. M06.18500x10¹⁶
 IDC Error ellipse: s-maj=7.8km s-min=6.8km az=174.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=21.00000°,δ28.00000°,λ68.00000°. NP2:φ=225.00000°,δ64.00000°,λ101.00000°. Principal axes: T P1g69.0000°,Azm158.0000°; N P1g10.0000°,Azm40.0000°; P P1g18.0000°,Azm307.0000°
 NIED Moment Tensor Solution. Best double couple: NP1:φ=178.00000°,δ64.00000°,λ69.00000°. NP2:φ=38.00000°,δ32.00000°,λ126.00000°. M05.58000x10¹⁶
 ISC IV 18 10 38 25.5-16 42.24N-02 144.30E-03 32 4.9b,4.4s 444 1-156
 NIED IV 18 10 38 00 42.20N 144.40E 11 4.7W,4.4s
 SKHL IV 18 10 38 22.7-10 42.07N 144.49E 64-8 5.9s,5.0b
 ISCJB IV 18 10 38 23.4-16 42.17N-02 144.31E-03 30 4.9b,4.4s
 MOS IV 18 10 38 23.0-91 42.16N 144.27E 28 5.1b,4.4s
 BJI IV 18 10 38 24.4 42.23N 144.31E 36 4.9b,4.8b
 IDC IV 18 10 38 24.7-39 42.18N 144.24E 30-2 4.5,4.5
 JMA IV 18 10 38 24.1 42.22N 144.41E 32-2 4.8,4.5
 NEIC IV 18 10 38 25.2-13 42.20N 144.25E 30 5.0b,4.7W
 HRVD IV 18 10 38 25.2-70 42.31N 144.40E 26-1 4.8W,4.7W
 SZGRF IV 18 10 38 33.5 43.38N 143.73E 33 4.8b,4.7W
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=195.00000°,δ53.00000°,λ112.00000°. NP2:φ=341.00000°,δ42.00000°,λ63.00000°. M01.37000x10¹⁶
 ISCJB Event type fe. Error ellipse: s-maj=3.4km s-min=2.5km az=130.1.
 MOS Error ellipse: s-maj=7.5km s-min=4.6km az=98.7.
 IDC Error ellipse: s-maj=11.2km s-min=10.2km az=127.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
 NEIC Event type fe. Error ellipse: s-maj=4.1km s-min=2.8km az=160.0. Recorded [3 JMA] in the Obihiro area, [2 JMA] in eastern Hokkaido and [1 JMA] in south-central Hokkaido. Moment Tensor Solution. M01.40000x10¹⁶
 HRVD Error ellipse: s-maj=4.4km s-min=6.7km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid-Moment Tensor Solution. LP body waves: s12,c12; Mantle waves: s37,c51; Half duration: 0 Moment tensor; Scale 10¹⁶ Nm; M01.62±16; M01.08±10; M01.17±11; M01.06±23; M01.03±07; M01.07±17; Best double couple: NP1:φ=350.00000°,δ48.00000°,λ62.00000°. NP2:φ=209.00000°,δ49.00000°,λ117.00000°. Principal axes: T 1.8600, P1g70.0000°,Azm188.0000°; N -0.1050, P1g20.0000°,Azm10.0000°; P -1.7630, P1g1.0000°,Azm280.0000°. M01.81200x10¹⁶
 SZGRF Hokkaido, Japan, region.
 ISC IV 28 15 37 28.2-77 43.01N-06 145.46E-07 48-5 4.0b 52 0-88
 NIED IV 28 15 37 00 43.00N 145.40E 47 4.0W
 MOS IV 28 15 37 26.8-93 42.95N 145.44E 55 4.3b
 ISCJB IV 28 15 37 27.2-75 42.99N-06 145.46E-07 55-4 4.0b
 JMA IV 28 15 37 28.3-10 42.99N 145.42E 47-1 4.3
 NEIC IV 28 15 37 28.7-12 42.99N 145.40E 50-10 4.1b
 IDC IV 28 15 37 30.5-2.9 42.91N 145.45E 69-23 3.9,3.8
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=42.00000°,δ65.00000°,λ92.00000°. NP2:φ=217.00000°,δ25.00000°,λ86.00000°. M09.72000x10¹⁴

MOS Error ellipse: s-maj=17.9km s-min=10.6km az=105.2.
 ISCJB Event type fe. Error ellipse: s-maj=11.2km s-min=6.3km az=113.3.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
 NEIC Event type fe. Error ellipse: s-maj=13.4km s-min=8.8km az=112.0. Recorded [2 JMA] in eastern Hokkaido.
 IDC Error ellipse: s-maj=23.4km s-min=21.0km az=80.0.
 ISC IV 13 10 35 16.8-74 41.72N-04 144.29E-06 35-5 4.3b,3.6s 102 1-80
 NIED IV 13 10 35 00 41.70N 144.30E 20 4.2W,3.6s
 MOS IV 13 10 35 14.6-1.1 41.68N 144.19E 32 4.5b,3.6s
 ISCJB IV 13 10 35 15.3-71 41.68N-04 144.31E-06 39-5 4.3b,3.6s
 JMA IV 13 10 35 16.0-20 41.71N 144.26E 28-3 4.4,3.6s
 BJI IV 13 10 35 16.2 42.12N 144.25E 42 4.9b,4.6b
 NEIC IV 13 10 35 17.6-60 41.70N 144.15E 38 4.3b,4.6b
 IDC IV 13 10 35 18.3-2.3 41.64N 144.08E 45-19 4.0,3.9
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=12.00000°,δ77.00000°,λ42.00000°. NP2:φ=271.00000°,δ50.00000°,λ163.00000°. M02.60000x10¹⁵
 MOS Error ellipse: s-maj=11.0km s-min=6.9km az=96.4.
 ISCJB Event type fe. Error ellipse: s-maj=8.2km s-min=5.1km az=68.7.
 JMA Event type fe. Error ellipse: s-maj=3.3km s-min=0.8km az=-1.0.
 NEIC Event type fe. Error ellipse: s-maj=13.9km s-min=8.6km az=131.0. Recorded [1 JMA] in the Ombetsu area.
 IDC Error ellipse: s-maj=21.3km s-min=13.8km az=95.0.
 ISC IV 14 16 47 02.9-73 42.36N-07 143.20E-07 65-4 3.5b 22 0-70
 ISCJB IV 14 16 47 02.0-75 42.36N-07 143.20E-07 70-4 3.5b
 IDC IV 14 16 47 03.9-6.7 42.45N 143.39E 77-40 3.7,3.5
 JMA IV 14 16 47 04.4-10 42.43N 143.17E 49-2 3.3,3.5
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=12.6km s-min=7.8km az=119.9.
 IDC Error ellipse: s-maj=61.2km s-min=49.4km az=104.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=16.00000°,δ48.00000°,λ57.00000°. NP2:φ=241.00000°,δ52.00000°,λ121.00000°. Principal axes: T P1g66.0000°,Azm215.0000°; N P1g24.0000°,Azm40.0000°; P P1g2.0000°,Azm309.0000°
 ISC IV 15 08 47 27.0-54 43.31N-05 145.55E-06 80-3 3.6b 41 0-79
 NIED IV 15 08 47 00 43.30N 145.40E 62 3.7W
 ISCJB IV 15 08 47 25.9-54 43.30N-05 145.46E-06 85-3 3.6b
 MOS IV 15 08 47 26.2-1.4 43.32N 145.51E 96 3.8b
 IDC IV 15 08 47 27.6-1.3 43.36N 145.44E 84-9 3.7,3.5
 JMA IV 15 08 47 27.4-10 43.30N 145.41E 75-1 4.0,3.5
 NEIC IV 15 08 47 29.4-8.5 43.35N 145.09E 81 4.0,3.5
 SKHL IV 15 08 47 29.0-2.4 43.33N 145.43E 72-2 4.9b,3.5
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=221.00000°,δ89.00000°,λ103.00000°. NP2:φ=315.00000°,δ13.00000°,λ4.00000°. M04.44000x10¹⁴
 ISCJB Event type fe. Error ellipse: s-maj=9.6km s-min=5.7km az=123.5.
 MOS Error ellipse: s-maj=22.8km s-min=13.6km az=108.6.
 IDC Error ellipse: s-maj=23.5km s-min=14.3km az=23.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
 NEIC Event type se. Error ellipse: s-maj=169.0km s-min=15.3km az=98.0.
 ISC IV 17 03 04 52.3-29 41.63N-03 142.11E-04 74 4.4b 174 1-87
 NIED IV 17 03 04 00 41.60N 142.00E 53 4.5W
 NEIC IV 17 03 04 50.5 41.57N 142.05E 67 4.5W,4.5b
 BJI IV 17 03 04 50.4 41.79N 142.29E 83 4.9b,4.7b
 ISCJB IV 17 03 04 50.8-27 41.59N-03 142.08E-04 72 4.4b,4.7b
 JMA IV 17 03 04 50.4-20 41.57N 142.05E 67-3 4.0,4.7b
 MOS IV 17 03 04 51.6-95 41.74N 141.77E 67 4.8b,4.7b
 IDC IV 17 03 04 52.3-78 41.59N 141.99E 72-6 4.2,4.1
 SZGRF IV 17 03 04 55.8 42.77N 141.90E 33 4.8b,4.1
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=31.00000°,δ67.00000°,λ97.00000°. NP2:φ=192.00000°,δ24.00000°,λ73.00000°. M06.11000x10¹⁵
 NEIC Event type fe. Recorded [2 JMA] in Aomori and [1 JMA] in Iwate Prefectures, Honshu. Also recorded [1 JMA] in south-central Hokkaido. After JMA. Moment Tensor Solution. M06.10000x10¹⁵
 ISCJB Event type fe. Error ellipse: s-maj=5.1km s-min=3.2km az=86.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=175.00000°,δ16.00000°,λ67.00000°. NP2:φ=19.00000°,δ75.00000°,λ96.00000°. Principal axes: T P1g59.0000°,Azm298.0000°; N P1g6.0000°,Azm198.0000°; P P1g30.0000°,Azm104.0000°
 Error ellipse: s-maj=11.0km s-min=5.8km az=104.2.
 IDC Error ellipse: s-maj=16.6km s-min=9.5km az=106.0.
 SZGRF Hokkaido, Japan, region.
 ISC IV 02 09 52 48.0-56 43.06N-05 144.21E-05 92-4 3.3b 32 0-69
 IDC IV 02 09 52 45.6-11 44.53N 143.69E 0 3.6,3.5b
 ISCJB IV 02 09 52 47.2-57 43.06N-05 144.21E-05 96-4 3.3b,3.5b
 JMA IV 02 09 52 48.4-10 43.06N 144.18E 89-1 3.4,3.5b
 ISC Event type fe.
 IDC Error ellipse: s-maj=285.9km s-min=38.6km az=167.0.
 ISCJB Event type fe. Error ellipse: s-maj=8.0km s-min=5.5km az=138.2.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
 ISC IV 26 05 55 56.4-28 41.96N-03 142.31E-03 66-2 4.4b 278 1-148
 NIED IV 26 05 55 00 41.90N 142.30E 68 4.7W
 ISCJB IV 26 05 55 55.4-28 41.94N-03 142.30E-03 70-2 4.4b
 SZGRF IV 26 05 55 55.0 42.29N 142.58E 33 4.6b
 JMA IV 26 05 55 55.5-20 41.94N 142.32E 70-3 4.5
 IDC IV 26 05 55 56.1-56 41.95N 142.27E 64-4 4.4,4.3
 BJI IV 26 05 55 58.3 42.01N 142.09E 96 4.9b,4.7b
 MOS IV 26 05 56 00.5-1.1 41.95N 142.15E 115 4.5b,4.1s
 NEIC IV 26 05 56 01.4-48 41.97N 142.20E 111-4 4.7W,4.5b
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=17.00000°,δ71.00000°,λ84.00000°. NP2:φ=214.00000°,δ19.00000°,λ107.00000°. M01.49000x10¹⁶
 ISCJB Event type fe. Error ellipse: s-maj=4.5km s-min=3.0km az=124.7.
 SZGRF Hokkaido, Japan, region.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=199.00000°,δ20.00000°,λ82.00000°. NP2:φ=27.00000°,δ70.00000°,λ93.00000°. Principal axes: T P1g65.0000°,Azm302.0000°; N P1g3.0000°,Azm206.0000°; P P1g25.0000°,Azm115.0000°
 IDC Error ellipse: s-maj=14.2km s-min=8.2km az=101.0.
 MOS Error ellipse: s-maj=11.2km s-min=6.3km az=110.2.
 NEIC Event type fe. Error ellipse: s-maj=6.8km s-min=4.1km az=176.0. Recorded [2 JMA] in south-central Hokkaido and [1 JMA] in southwestern Hokkaido. Also recorded [1 JMA] in Aomori Prefecture, Honshu. Moment Tensor Solution. M01.50000x10¹⁶
 ISC IV 26 14 10 37.8-17 42.07N-02 142.53E-03 69 4.8b 463 0-157
 NIED IV 26 14 10 00 42.00N 142.50E 62 4.8W
 SZGRF IV 26 14 10 33.4 42.20N 142.70E 33 5.1b
 MOS IV 26 14 10 34.8-88 42.05N 142.54E 55 5.2b,4.0s
 BJI IV 26 14 10 35.5 42.00N 142.56E 75 5.0b,4.9b
 ISCJB IV 26 14 10 36.0-16 42.02N-02 142.54E-03 67 4.8b,4.9b
 JMA IV 26 14 10 36.9-20 42.03N 142.59E 61-2 4.6,4.9b
 NEIC IV 26 14 10 37.7-14 42.06N 142.49E 67 4.9b,4.7W
 IDC IV 26 14 10 37.3-52 42.04N 142.52E 66-4 4.7,4.5
 HRVD IV 26 14 10 37.7-60 42.02N 142.67E 67-3 4.8W,4.5
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=34.00000°,δ67.00000°,λ91.00000°. NP2:φ=210.00000°,δ23.00000°,λ87.00000°. M01.58000x10¹⁶
 SZGRF Hokkaido, Japan, region.
 Error ellipse: s-maj=7.6km s-min=4.2km az=102.1.
 MOS Event type fe. Error ellipse: s-maj=3.5km s-min=2.4km az=121.2.
 ISCJB Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=216.00000°,δ29.00000°,λ96.00000°. NP2:φ=30.00000°,δ61.00000°,λ87.00000°. Principal axes: T P1g74.0000°,Azm291.0000°; N P1g3.0000°,Azm31.0000°; P P1g16.0000°,Azm122.0000°
 Event type fe. Error ellipse: s-maj=4.3km s-min=3.2km az=144.0. Felt at Misawa, Honshu. Recorded [3 JMA] in south-central Hokkaido and [2 JMA] in much of southern Hokkaido. Also recorded [2 JMA] in Aomori and [1 JMA] in Iwate Prefectures, Honshu. Moment Tensor Solution. M01.60000x10¹⁶
 IDC Error ellipse: s-maj=13.3km s-min=7.0km az=96.0.
 HRVD Error ellipse: s-maj=6.7km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid-Moment Tensor Solution. LP body waves: s17,c19; Mantle waves: s47,c67; Half duration: 0 Moment tensor; Scale 10¹⁶

Nm; M1r1.55±.13 M0r0.17±.15; M0r-1.71±.15; M1r0.22±.06; M0r-0.98±.10; M0r0.78±.08; Best double couple: NP1:φ209.00000°,δ33.00000°,λ99.00000°. NP2:φ18.00000°,δ57.00000°,λ84.00000°. Principal axes: T 1.7280,Plg77.0000°,AzM269.0000°; N 0.5780,Plg5.0000°,AzM22.0000°; P -2.2980,Plg12.0000°,AzM113.0000°; M2.013000×10¹⁶

ISC IV 09 19 20 42.8-71 41.76N-04 143.67E-07 38-6 4.0b,3.7s 71 0-73
NIED IV 09 19 20 00 41.80N 143.70E 32 4.2W,3.7s 118504226
MOS IV 09 19 20 40.0-98 41.73N 143.65E 33 4.3b,3.7s
ISCJB IV 09 19 20 41.2-73 41.70N-04 143.70E-07 44-5 4.0b,3.7s
NEIC IV 09 19 20 41.8-3.5 41.80N 143.64E 29-25 4.4b,3.7s
JMA IV 09 19 20 42.4-10 41.78N 143.68E 28-2 4.1,3.7s
IDC IV 09 19 20 43.0-3.3 41.77N 143.59E 40-29 3.7,3.7
ISC Event type fe.
NIED Moment Tensor Solution. Best double couple: NP1:φ20.00000°,δ74.00000°,λ85.00000°. NP2:φ219.00000°,δ17.00000°,λ108.00000°. M5.150000×10¹⁵
MOS Error ellipse: s-maj=13.3km s-min=9.6km az=91.4.
ISCJB Event type fe. Error ellipse: s-maj=9.7km s-min=5.2km az=69.6.
NEIC Event type fe. Error ellipse: s-maj=10.6km s-min=9.5km az=152.0. Recorded [1 JMA] in south-central Hokkaido.
JMA Event type fe. Error ellipse: s-maj=2.2km s-min=0.8km az=-1.0.
IDC Error ellipse: s-maj=20.4km s-min=16.6km az=108.0.
JMA IV 09 23 32 01.3-10 42.15N 143.35E 40-1 3.6
NIED IV 09 23 32 00 42.20N 143.40E 53 3.8W 119260863
JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
NIED Moment Tensor Solution. Best double couple: NP1:φ29.00000°,δ66.00000°,λ99.00000°. NP2:φ188.00000°,δ25.00000°,λ71.00000°. M5.440000×10¹⁴
ISC III 15 03 25 13.8-35 41.57N-03 142.03E-05 67-3 3.9b 57 1-100
ISCJB III 15 03 25 12.8-35 41.57N-03 142.03E-05 73-3 3.9b 110603975
JMA III 15 03 25 13.2-20 41.56N 142.05E 66-3 3.6
MOS III 15 03 25 13.4-1.1 41.55N 142.05E 83 4.1b
IDC III 15 03 25 14.8-1.9 41.48N 142.00E 77-17 3.8,3.7
NEIC III 15 03 25 16.6-63 41.42N 142.05E 100 4.1b,3.7
ISC Event type fe.
ISCJB Event type fe. Error ellipse: s-maj=6.7km s-min=4.4km az=71.1.
JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
MOS Error ellipse: s-maj=16.1km s-min=9.3km az=92.9.
IDC Error ellipse: s-maj=25.3km s-min=13.5km az=99.0.
NEIC Event type fe. Error ellipse: s-maj=15.8km s-min=7.7km az=112.0. Recorded [1 JMA] in southwestern Hokkaido. Also recorded [1 JMA] in Aomori Prefecture, Honshu.
ISC III 18 12 19 19.3-33 41.58N-03 141.93E-04 66-3 4.1b 76 1-74
NIED III 18 12 19 00 41.60N 141.90E 53 3.8W 110605955
MOS III 18 12 19 18.9-89 41.56N 142.00E 86 4.2b
ISCJB III 18 12 19 18.3-33 41.57N-03 141.92E-04 72-3 4.1b
JMA III 18 12 19 19.0-10 41.59N 141.92E 65-2 3.7
IDC III 18 12 19 19.9-1.7 41.58N 141.98E 74-14 3.8,3.7
NEIC III 18 12 19 22.3-42 41.49N 141.87E 100 4.2b,3.7
ISC Event type fe.
NIED Moment Tensor Solution. Best double couple: NP1:φ21.00000°,δ70.00000°,λ90.00000°. NP2:φ202.00000°,δ20.00000°,λ91.00000°. M5.060000×10¹⁴
MOS Error ellipse: s-maj=18.1km s-min=9.4km az=79.5.
ISCJB Event type fe. Error ellipse: s-maj=6.4km s-min=3.9km az=75.0.
JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ180.00000°,δ23.00000°,λ68.00000°. NP2:φ24.00000°,δ69.00000°,λ99.00000°. Principal axes: T Plg65.0000°,AzM309.0000°; N Plg8.0000°,AzM201.0000°; P Plg23.0000°,AzM107.0000°
IDC Error ellipse: s-maj=20.9km s-min=11.7km az=110.0.
NEIC Event type fe. Error ellipse: s-maj=12.0km s-min=6.4km az=114.0. Recorded [1 JMA] in southwestern Hokkaido. Also recorded [1 JMA] in Aomori Prefecture, Honshu.
ISC III 22 18 36 32.7-26 41.54N-03 139.44E-05 191-3 4.0b 80 1-149
NIED III 22 18 36 00 41.60N 139.40E 190 4.0W 110608642
ISCJB III 22 18 36 31.7-25 41.55N-03 139.43E-05 195-3 3.9b
MOS III 22 18 36 31.8-79 41.64N 139.30E 191 4.3b
JMA III 22 18 36 32.8-10 41.55N 139.40E 187-2 3.6
IDC III 22 18 36 32.6-1.5 41.54N 139.31E 185-17 4.2,4.1s
BJI III 22 18 36 32.3 41.60N 139.40E 207 4.6b,4.5b
NEIC III 22 18 36 33.1-57 41.61N 139.31E 188-7 4.6b,4.0W
ISC Event type se.
NIED Moment Tensor Solution. Best double couple: NP1:φ21.00000°,δ90.00000°,λ-11.00000°. NP2:φ100.00000°,δ79.00000°,λ-180.00000°. M1.180000×10¹⁵
ISCJB Event type se. Error ellipse: s-maj=6.8km s-min=4.9km az=52.3.
MOS Error ellipse: s-maj=14.7km s-min=8.3km az=90.4.
JMA Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0.
IDC Error ellipse: s-maj=20.5km s-min=12.9km az=167.0.
NEIC Event type se. Error ellipse: s-maj=8.1km s-min=8.0km az=57.0. Moment Tensor Solution. M1.200000×10¹⁵
ISC III 22 23 09 36.7-31 42.65N-04 141.75E-04 130-2 3.9b 70 0-74
NIED III 22 23 09 00 42.70N 141.70E 145 3.9W 110608758
ISCJB III 22 23 09 35.8-31 42.65N-04 141.76E-04 133-2 3.9b
MOS III 22 23 09 35.8-1.0 42.75N 141.64E 131 4.3b
BJI III 22 23 09 35.2 42.58N 141.84E 141 4.5b,4.4b
JMA III 22 23 09 36.7-10 42.68N 141.70E 130-1 3.7,4.4b
IDC III 22 23 09 37.0-1.6 42.69N 141.76E 126-9 3.9,3.7
NEIC III 22 23 09 37.1-1.1 42.66N 141.78E 132-11 4.0b,3.7
ISC Event type fe.
NIED Moment Tensor Solution. Best double couple: NP1:φ221.00000°,δ55.00000°,λ-126.00000°. NP2:φ92.00000°,δ49.00000°,λ-50.00000°. M7.630000×10¹⁴
ISCJB Event type fe. Error ellipse: s-maj=7.2km s-min=4.3km az=111.3.
MOS Error ellipse: s-maj=16.1km s-min=10.2km az=95.0.
JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ81.00000°,δ37.00000°,λ-79.00000°. NP2:φ247.00000°,δ54.00000°,λ-98.00000°. Principal axes: T Plg9.0000°,AzM343.0000°; N Plg7.0000°,AzM252.0000°; P Plg79.0000°,AzM125.0000°
IDC Error ellipse: s-maj=23.3km s-min=14.2km az=153.0.
NEIC Event type se. Error ellipse: s-maj=15.3km s-min=10.4km az=142.0.
ISC III 24 22 16 01.7-27 42.30N-03 143.03E-03 68-2 4.5b 298 0-152
SZGRF III 24 22 15 56.5 42.28N 144.85E 33 5.0b 110609894
BJI III 24 22 15 58.6 42.18N 143.08E 63 4.9b,4.6b
ISCJB III 24 22 16 00.5-27 42.27N-03 143.03E-03 71-2 4.5b,4.6b
MOS III 24 22 16 00.2-1.1 42.26N 143.00E 67 5.0b,4.6b
NIED III 24 22 16 00 42.30N 143.00E 53 4.8W,4.6b
NEIC III 24 22 16 02.5 42.33N 142.98E 51 4.8W,4.7b
IDC III 24 22 16 02.1-1.9 42.31N 142.97E 65-16 4.4,4.2
SKHL III 24 22 16 02.8-4.8 42.40N 143.20E 33-11 5.3b,3.6s
JMA III 24 22 16 02.4-10 42.32N 142.98E 51-1 4.8,3.6s
ISC Event type fe.
SZGRF Hokkaido, Japan, region.
ISCJB Event type fe. Error ellipse: s-maj=4.5km s-min=3.3km az=111.2.
MOS Error ellipse: s-maj=8.1km s-min=4.9km az=103.0.
NIED Moment Tensor Solution. Best double couple: NP1:φ29.00000°,δ68.00000°,λ93.00000°. NP2:φ200.00000°,δ23.00000°,λ82.00000°. M1.730000×10¹⁶
NEIC Event type fe. Recorded [3 JMA] in south-central Hokkaido and [1 JMA] in much of southern Hokkaido. Also recorded [1 JMA] in Aomori Prefecture, Honshu. After JMA. Moment Tensor Solution. M1.700000×10¹⁶
IDC Error ellipse: s-maj=13.4km s-min=11.5km az=113.0.
JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ223.00000°,δ37.00000°,λ101.00000°. NP2:φ29.00000°,δ54.00000°,λ82.00000°. Principal axes: T Plg79.0000°,AzM267.0000°; N Plg7.0000°,AzM34.0000°; P Plg9.0000°,AzM125.0000°
ISC IV 04 00 37 37.5-12 42.35N-08 144.63E-08 36-12 3.6b 22 1-65
NIED IV 04 00 37 00 42.30N 144.60E 35 3.7W 119784879
IDC IV 04 00 37 30.9-2.5 41.98N 144.50E 0 3.6b,3.6
JMA IV 04 00 37 36.8 42.34N 144.62E 37-1 3.5,3.6
ISCJB IV 04 00 37 37.1-1.2 42.36N-08 144.62E-08 48-9 3.6b,3.6
NIED Moment Tensor Solution. Best double couple: NP1:φ56.00000°,δ68.00000°,λ91.00000°. NP2:φ232.00000°,δ22.00000°,λ86.00000°. M3.430000×10¹⁴
ISC IV 09 14 24 45.8-60 44.49N-05 142.25E-08 238-4 3.0b 37 0-57
ISCJB IV 09 14 24 45.1-59 44.49N-05 142.25E-08 241-4 3.0b 119594532
JMA IV 09 14 24 45.0-10 44.56N 142.15E 242-2 2.8
IDC IV 09 14 24 45.6-2.0 44.30N 142.26E 242-20 3.3,2.9
ISCJB Error ellipse: s-maj=10.0km s-min=8.4km az=137.0.
JMA Error ellipse: s-maj=1.1km s-min=1.6km az=-1.0.

IDC Error ellipse: s-maj=11.0km s-min=26.1km az=166.0.
ISC IV 12 04 00 11.2-55 41.26N-05 140.30E-09 151-4 3.2b 24 0-65
ISCJB IV 12 04 00 10.2-55 41.27N-05 140.30E-09 154-4 3.2b 119594704
IDC IV 12 04 00 10.3-1.6 41.25N 140.22E 140-17 3.4,3.1
JMA IV 12 04 00 11.6-10 41.27N 140.31E 147-1 2.6,3.1
ISCJB Error ellipse: s-maj=11.1km s-min=8.2km az=24.5.
IDC Error ellipse: s-maj=30.7km s-min=15.0km az=110.0.
JMA Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
JMA III 29 10 11 48.1-20 42.54N 144.73E 49-3 2.1 110823876
JMA Error ellipse: s-maj=1.1km s-min=1.6km az=-1.0.
ISC IV 24 06 45 15.3-34 44.80N-05 141.63E-09 277-4 3.7b 62 0-72
ISCJB IV 24 06 45 14.6-35 44.79N-05 141.67N-08 282-4 3.7b 118646502
JMA IV 24 06 45 15.0-30 44.81N 141.71E 285-3 3.2
MOS IV 24 06 45 15.3-88 44.92N 141.57E 279 3.6b
IDC IV 24 06 45 16.2-57 45.22N 141.55E 256-31 4.1,3.6
SKHL IV 24 06 45 16.3-5.6 45.30N 141.70E 322-1 4.3s,3.9b
ISCJB Error ellipse: s-maj=9.5km s-min=7.3km az=9.5.
JMA Error ellipse: s-maj=2.2km s-min=2.4km az=-1.0.
MOS Error ellipse: s-maj=26.9km s-min=17.9km az=92.3.
IDC Error ellipse: s-maj=75.3km s-min=13.0km az=174.0.
ISC VI 11 23 04 19.6-29 41.50N-02 142.07E-04 72-2 4.6b 170 1-145
NIED VI 11 23 04 00 41.50N 142.10E 74 4.5W 110698885
BJI VI 11 23 04 17.8 41.50N 142.24E 92 4.6b,4.7b
ISCJB VI 11 23 04 18.6-29 41.49N-02 142.05E-04 78-2 4.6b,4.7b
MOS VI 11 23 04 18.1-96 41.52N 142.06E 76 4.9b,4.7b
JMA VI 11 23 04 19.5-10 41.50N 142.04E 72-2 4.4,4.7b
IDC VI 11 23 04 19.7-66 41.49N 142.01E 74-5 4.5,4.3
NEIC VI 11 23 04 20.0-39 41.47N 142.09E 77 4.8b,4.4W
ISC Event type fe.
NIED Moment Tensor Solution. Best double couple: NP1:φ336.00000°,δ67.00000°,λ35.00000°. NP2:φ230.00000°,δ58.00000°,λ153.00000°. M5.470000×10¹⁵
ISCJB Event type fe. Error ellipse: s-maj=5.3km s-min=3.4km az=52.3.
MOS Error ellipse: s-maj=9.3km s-min=6.0km az=107.9.
JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ143.00000°,δ38.00000°,λ13.00000°. NP2:φ42.00000°,δ82.00000°,λ128.00000°. Principal axes: T Plg41.0000°,AzM347.0000°; N Plg37.0000°,AzM216.0000°; P Plg27.0000°,AzM103.0000°
IDC Error ellipse: s-maj=17.1km s-min=9.0km az=96.0.
NEIC Event type fe. Error ellipse: s-maj=10.0km s-min=6.4km az=98.0. Recorded [3 JMA] in southwestern Hokkaido; [2 JMA] in the Chitose and Obihiro areas; [1 JMA] in south-central and eastern Hokkaido. Also recorded [2 JMA] in Aomori and Iwate Prefectures, Honshu. Moment Tensor Solution. M5.500000×10¹⁵
ISC VI 17 10 46 32.1-71 42.86N-05 145.54E-07 40-6 4.3b,4.1s 53 1-78
NIED VI 17 10 46 00 42.90N 145.50E 32 4.0W,4.1s 110698980
MOS VI 17 10 46 29.8-92 42.73N 145.65E 48 4.8b,4.1s
ISCJB VI 17 10 46 30.4-81 42.79N-05 145.58E-07 44-6 4.3b,4.1s
JMA VI 17 10 46 32.7-10 42.90N 145.48E 44-1 3.8,4.1s
NEIC VI 17 10 46 32.8 42.90N 145.48E 44 4.5b,4.0W
SKHL VI 17 10 46 33.4-30 43.00N 145.50E 33-0 4.8b,4.0W
IDC VI 17 10 46 33.7-3.3 42.76N 145.45E 55-30 4.2,4.1
ISC Event type fe.
NIED Moment Tensor Solution. Best double couple: NP1:φ30.00000°,δ60.00000°,λ73.00000°. NP2:φ241.00000°,δ34.00000°,λ117.00000°. M1.320000×10¹⁵
ISCJB Error ellipse: s-maj=15.6km s-min=10.1km az=86.9.
MOS Event type fe. Error ellipse: s-maj=11.1km s-min=5.6km az=83.0.
ISCJB Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
JMA Event type se. After JMA. Moment Tensor Solution. M1.300000×10¹⁵
IDC Error ellipse: s-maj=39.6km s-min=27.5km az=177.0.
ISC VI 20 10 35 03.2-27 43.46N-03 142.49E-05 180-2 4.0b 82 0-78
ISCJB VI 20 10 35 02.2-27 43.47N-03 142.48E-05 183-2 4.0b 118855506
MOS VI 20 10 35 02.3-10 43.54N 142.64E 189 4.2b
JMA VI 20 10 35 03.6-20 43.46N 142.47E 179-2 3.5
NEIC VI 20 10 35 03.7-88 43.56N 142.44E 175-8 4.2b
IDC VI 20 10 35 03.4-83 43.54N 142.44E 173-2 4.2,3.8
ISC Event type se.
ISCJB Event type se. Error ellipse: s-maj=5.8km s-min=5.1km az=76.5.
MOS Error ellipse: s-maj=16.4km s-min=9.1km az=108.5.
JMA Error ellipse: s-maj=1.1km s-min=1.6km az=-1.0.
NEIC Event type se. Error ellipse: s-maj=14.8km s-min=9.9km az=125.0.
IDC Error ellipse: s-maj=20.2km s-min=14.8km az=152.0.
ISC VI 24 14 34 47.0-47 41.06N-03 142.98E-06 47-6 3.9b,3.2s 59 1-72
NIED VI 24 14 34 00 41.00N 142.80E 41 4.0W,3.2s 118938486
JMA VI 24 14 34 45.7-10 41.04N 142.81E 23 3.9,3.2s
ISCJB VI 24 14 34 45.9-52 41.03N-03 142.96E-07 53-5 3.9b,3.2s
MOS VI 24 14 34 46.0-90 41.09N 143.02E 56 4.3b,3.2s
NEIC VI 24 14 34 49.1-98 41.13N 142.80E 58-8 4.0b,3.2s
IDC VI 24 14 34 49.2-1.9 41.05N 142.79E 59-16 3.9,3.7
ISC Event type se.
NIED Moment Tensor Solution. Best double couple: NP1:φ17.00000°,δ80.00000°,λ68.00000°. NP2:φ263.00000°,δ24.00000°,λ154.00000°. M1.210000×10¹⁵
ISCJB Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
MOS Event type se. Error ellipse: s-maj=9.3km s-min=3.8km az=53.1.
NEIC Error ellipse: s-maj=16.4km s-min=8.7km az=79.3.
IDC Event type se. Error ellipse: s-maj=15.5km s-min=7.5km az=102.0.
ISC Error ellipse: s-maj=28.8km s-min=11.6km az=93.0.
ISC VI 30 20 44 46.2-61 41.01N-04 143.23E-07 40-7 3.6b 43 1-74
NIED VI 30 20 44 00 41.00N 143.20E 26 3.7W 118938627
JMA VI 30 20 44 44.6-20 40.95N 143.23E 31 3.7
MOS VI 30 20 44 45.7-68 40.97N 143.30E 64 4.2b
ISCJB VI 30 20 44 45.0-63 40.98N-04 143.26E-07 47-7 3.6b
IDC VI 30 20 44 48.4-2.9 40.94N 143.05E 59-27 3.6,3.6
NEIC VI 30 20 44 50.5-1.8 40.90N 142.99E 78-16 3.8b,3.6
ISC Event type se.
NIED Moment Tensor Solution. Best double couple: NP1:φ119.00000°,δ55.00000°,λ-74.00000°. NP2:φ273.00000°,δ38.00000°,λ-112.00000°. M3.490000×10¹⁴
ISCJB Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0.
MOS Error ellipse: s-maj=23.1km s-min=11.9km az=73.5.
ISCJB Event type se. Error ellipse: s-maj=9.9km s-min=4.0km az=60.5.
IDC Error ellipse: s-maj=27.1km s-min=17.7km az=94.0.
NEIC Event type se. Error ellipse: s-maj=17.7km s-min=12.6km az=61.0.
ISC VI 13 02 40 33.0-13 42.74N-02 143.37E-02 89 4.7b 569 0-156
NIED VI 13 02 40 00 42.70N 143.50E 77 4.7W 110698898
BJI VI 13 02 40 30.7-88 42.74N 143.36E 83 4.8b
MOS VI 13 02 40 30.5 42.96N 143.46E 85 4.8b,4.7b
ISCJB VI 13 02 40 31.2-13 42.69N-02 143.40E-02 87 4.7b,4.7b
IDC VI 13 02 40 32.1-48 42.68N 143.44E 88-3 4.9,4.6
NEIC VI 13 02 40 33.1 42.70N 143.42E 86 4.8b,4.7W
JMA VI 13 02 40 33.1-10 42.70N 143.42E 86-1 4.7,4.7W
HRVD VI 13 02 40 33.1-50 42.75N 143.51E 129-7 4.8W,4.7W
SZGRF VI 13 02 40 36.0 43.50N 144.37E 91 4.8b,4.7W
ISC Event type fe.
NIED Moment Tensor Solution. Best double couple: NP1:φ281.00000°,δ89.00000°,λ-119.00000°. NP2:φ189.00000°,δ29.00000°,λ-3.00000°. M1.340000×10¹⁶
MOS Error ellipse: s-maj=7.2km s-min=4.0km az=100.2.
ISCJB Event type fe. Error ellipse: s-maj=3.3km s-min=2.4km az=135.3.
IDC Error ellipse: s-maj=10.6km s-min=7.2km az=74.0.
NEIC Event type fe. Recorded [4 JMA] in the Kushiro area; [3 JMA] in south-central Hokkaido; [2 JMA] in eastern Hokkaido and in the Shizunai area; [1 JMA] in much of southern Hokkaido. Also recorded [1 JMA] in Aomori and Iwate Prefectures, Honshu. After JMA. Moment Tensor Solution. M1.300000×10¹⁶
JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ174.00000°,δ15.00000°,λ0.00000°. NP2:φ84.00000°,δ90.00000°,λ105.00000°. Principal axes: T Plg43.0000°,AzM8.0000°; N Plg15.0000°,AzM264.0000°; P Plg43.0000°,AzM160.0000°
HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s9,c10; Mantle waves: s57,c15; Half duration: 0. Moment Tensor Solution. Scale 10¹

NIED	II	23 10 07 00	42.70N	142.90E	95	3.7W,3.8			
ISC	Event type se. Error ellipse: s-maj=5.8km s-min=4.7km az=70.4.								
ISCJB	Error ellipse: s-maj=17.3km s-min=9.5km az=93.3.								
MOS	Error ellipse: s-maj=19.2km s-min=10.9km az=101.0.								
IDC	Event type se. Error ellipse: s-maj=19.5km s-min=11.0km az=120.0.								
NEIC	Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution.								
JMA	Broadband fault plane solution: P waves. NP1:φ=181.00000°,λ31.00000°. NP2:φ=60.00000°,λ95.00000°. Principal axes: T P1g48.0000°,Az335.0000°; N P1g5.0000°,Az239.0000°; P P1g42.0000°,Az145.0000°.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=240.00000°,λ84.00000°. NP2:φ=332.00000°,λ6.00000°. M4.37000×10 ¹⁴								
ISC	II	23 20 12 4-30	43.17N-03	145.24E-05	89-2	4.1b	74	0-85	
ISCJB	II	23 20 26 11-2-38	43.16N-03	145.25E-05	95-2	4.1b			18335711
MOS	II	23 20 26 11.3-10	43.15N	145.21E	98	4.3b			
NEIC	II	23 20 26 12.4-34	43.19N	145.11E	85	4.3b			
JMA	II	23 20 26 12.9-10	43.19N	145.21E	85-1	4.0			
IDC	II	23 20 26 12.5-76	43.11N	145.19E	88-6	4.4s,4.4			
NAO	II	23 20 26 12.3	44.83N	147.08E	33	4.1b,4.4			
SKHL	II	23 20 26 13.1-60	43.33N	145.16E	70-10	4.7s,4.3b			
ISC	Event type se. Error ellipse: s-maj=6.6km s-min=4.5km az=87.5.								
ISCJB	Error ellipse: s-maj=14.0km s-min=8.9km az=84.7.								
MOS	Event type se. Error ellipse: s-maj=8.9km s-min=5.4km az=115.0. Recorded [1 JMA] in eastern Hokkaido.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=99.00000°,λ34.00000°. NP2:φ=216.00000°,λ86.00000°. Principal axes: T P1g15.0000°,Az332.0000°; N P1g34.0000°,Az232.0000°; P P1g52.0000°,Az282.0000°.								
IDC	Error ellipse: s-maj=13.1km s-min=9.1km az=26.0.								
ISC	II	24 08 51 51.4-49	41.86N-03	140.69E-05	12-4	3.4b	18	0-61	
NIED	II	24 08 51 00	41.60N	140.70E	17	3.3W			19258595
ISCJB	II	24 08 51 51.1-61	41.55N-03	140.70E-05	14-4	3.4b			
JMA	II	24 08 51 51.3	41.55N	140.70E	16-1	3.6			
IDC	II	24 08 51 55.1-2.8	41.47N	140.46E	42-29	3.6s,3.6			
ISC	Event type se. Error ellipse: s-maj=37.9km s-min=20.2km az=117.0.								
ISCJB	II	24 15 32 26.3-53	41.22N-04	142.12E-06	59-7	3.6b	26	1-65	
MOS	II	24 15 32 25.8-4	41.07N	142.17E	58-37	3.6L,3.6			19496841
IDC	II	24 15 32 26.4-10	41.26N	142.13E	53-2	3.2,3.6			
ISC	Event type se. Error ellipse: s-maj=9.0km s-min=5.0km az=80.5.								
ISCJB	Error ellipse: s-maj=38.1km s-min=25.6km az=92.0.								
JMA	Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.								
ISC	II	28 21 19 37.3-21	41.86N-03	140.45E-04	138-2	4.2b	144	0-78	
NIED	II	28 21 19 00	41.80N	140.50E	130	4.1W			18193335
NAO	II	28 21 19 21.0	41.09N	140.33E	33	3.8b			
ISCJB	II	28 21 19 36.2-21	41.86N-03	140.43E-04	141-2	4.2b			
MOS	II	28 21 19 37.1-97	41.93N	140.31E	147	4.3b			
JMA	II	28 21 19 37.9-10	41.84N	140.46E	132-1	3.7			
IDC	II	28 21 19 37.3-1.2	41.88N	140.36E	135-10	4.2,3.9			
NEIC	II	28 21 19 38.6-57	41.89N	140.32E	147-6	4.5b,4.1W			
BJI	II	28 21 19 38.1	42.09N	140.55E	173	4.8b,4.5b			
SKHL	II	28 21 19 39.5-30	41.92N	140.90E	150-13	5.8s,5.3b			
ISC	Event type se. Error ellipse: s-maj=176.00000°,λ71.00000°. NP2:φ=86.00000°,λ19.00000°. M1.50000×10 ¹⁵								
ISCJB	Event type se. Error ellipse: s-maj=5.7km s-min=4.3km az=68.2.								
MOS	Error ellipse: s-maj=9.7km s-min=6.5km az=102.0.								
JMA	Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.								
IDC	Error ellipse: s-maj=14.8km s-min=10.9km az=126.0.								
NEIC	Event type se. Error ellipse: s-maj=6.7km s-min=5.3km az=138.0. Moment Tensor Solution. M1.50000×10 ¹⁵								
JMA	V	21 08 24 33.4-10	43.18N	145.77E	50-1	3.6			
NIED	V	21 08 24 00	43.20N	145.80E	44	3.4W			19261716
JMA	Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=50.00000°,λ67.00000°,λ82.00000°. NP2:φ=250.00000°,λ24.00000°. M1.108.00000°. M1.35000×10 ¹⁴								
ISC	V	21 14 44 57.4-55	41.98N-05	142.60E-05	65-4	3.5b	46	0-71	
NIED	V	21 14 44 00	42.00N	142.60E	59	3.7W			18854771
ISCJB	V	21 14 44 56.8-52	42.00N-05	142.60E-05	70-4	3.5b			
JMA	V	21 14 44 58.0-20	42.04N	142.60E	61-2	3.6			
MOS	V	21 14 44 58.4-1.0	42.06N	142.64E	92	3.8b			
IDC	V	21 14 44 59.4-2.7	42.04N	142.73E	85-17	3.6,3.5			
NEIC	V	21 14 45 00.0-1.2	42.07N	142.67E	87-11	3.9b,3.5			
ISC	Event type se. Error ellipse: s-maj=21.0km s-min=11.1km az=121.0.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=24.00000°,λ66.00000°,λ87.00000°. NP2:φ=213.00000°,λ25.00000°,λ97.00000°. M1.17000×10 ¹⁴								
ISCJB	Event type fe. Error ellipse: s-maj=8.5km s-min=4.7km az=127.6.								
JMA	Broadband fault plane solution: P waves. NP1:φ=152.00000°,λ7.00000°,λ57.00000°. NP2:φ=6.00000°,λ84.00000°,λ94.00000°. Principal axes: T P1g51.0000°,Az280.0000°; N P1g4.0000°,Az185.0000°; P P1g39.0000°,Az92.0000°.								
MOS	Error ellipse: s-maj=24.4km s-min=12.2km az=83.4.								
IDC	Error ellipse: s-maj=33.6km s-min=18.4km az=112.0.								
NEIC	Event type se. Error ellipse: s-maj=21.0km s-min=11.1km az=121.0.								
JMA	V	25 11 44 32.5	42.36N	144.58E	35-1	3.5			
NIED	V	25 11 44 00	42.40N	144.60E	17	3.4W			19261794
NIED	Moment Tensor Solution. Best double couple: NP1:φ=233.00000°,λ73.00000°,λ84.00000°. NP2:φ=72.00000°,λ18.00000°,λ108.00000°. M1.47000×10 ¹⁴								
ISC	V	26 01 58 48.1-30	42.81N-04	142.80E-04	131-2	3.8b	69	0-73	
NIED	V	26 01 58 00	42.90N	142.80E	104	3.8W			110698627
ISCJB	V	26 01 58 46.8-30	42.81N-04	142.81E-04	144	3.8b			
MOS	V	26 01 58 47.4-81	42.80N	142.87E	143	4.1b			
IDC	V	26 01 58 48.5-1.3	42.84N	142.82E	132-8	4.0,3.8			
NEIC	V	26 01 58 49.4-1.3	42.77N	142.81E	144-13	4.1b,3.8			
JMA	V	26 01 58 49.0-10	42.87N	142.84E	124-1	3.5,3.8			
ISC	Event type se. Error ellipse: s-maj=16.3km s-min=9.5km az=119.2.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=94.00000°,λ83.00000°,λ92.00000°. NP2:φ=261.00000°,λ7.00000°,λ77.00000°. M1.86000×10 ¹⁴								
ISCJB	Event type se. Error ellipse: s-maj=6.0km s-min=4.0km az=124.8.								
MOS	Error ellipse: s-maj=17.5km s-min=11.1km az=97.0.								
IDC	Error ellipse: s-maj=19.0km s-min=15.0km az=135.2.								
NEIC	Event type se. Error ellipse: s-maj=9.2km s-min=7.7km az=118.0.								
JMA	Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.								
ISC	V	11 16 09 45.8-31	42.99N-02	145.75E-02	56-2	5.3b,4.3s	840	0-155	
NIED	V	11 16 09 00	42.90N	145.80E	50	4.9W,4.3s			110698396
CSEM	V	11 16 09 38.7	43.11N	145.75E	10	5.5b,4.3s			
ISCJB	V	11 16 09 43.9-33	42.90N-02	145.78E-02	54-2	5.3b,4.3s			
MOS	V	11 16 09 43.5-81	42.91N	145.73E	51	5.5b,4.3s			
JMA	V	11 16 09 44.7-10	42.93N	145.83E	56-1	5.0,4.3s			
BJI	V	11 16 09 44.0	42.98N	145.79E	59	5.1b,5.0b			
SKHL	V	11 16 09 45.1-1.6	43.00N	145.90E	57-15	5.6,5.3b			
SZGRF	V	11 16 09 45.5	43.15N	145.82E	49	5.3b,4.7s			
HRVD	V	11 16 09 45.1-30	42.99N	146.04E	60-1	5.0W,4.7s			
NEIC	V	11 16 09 45.1-13	42.97N	145.74E	50	5.3b,4.9W			
IDC	V	11 16 09 46.4-1.5	42.91N	145.79E	63-13	5.2,5.0			
ISC	Event type se. Error ellipse: s-maj=43.8km s-min=16.6km az=90.0.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=249.00000°,λ88.00000°,λ96.00000°. NP2:φ=136.00000°,λ23.00000°,λ23.00000°. M1.92000×10 ¹⁴								
ISCJB	Event type se. Error ellipse: s-maj=16.0km s-min=10.0km az=106.0.								
MOS	Event type fe. Error ellipse: s-maj=7.4km s-min=4.7km az=123.8.								
NEIC	Event type se. Error ellipse: s-maj=11.3km s-min=10.3km az=223.0.								
IDC	Error ellipse: s-maj=31.1km s-min=17.0km az=157.0.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=160.00000°,λ11.00000°,λ5.00000°. NP2:φ=63.00000°,λ89.00000°,λ101.00000°. Principal axes: T P1g45.0000°,Az345.0000°; N P1g11.0000°,Az244.0000°; P P1g43.0000°,Az144.0000°.								
ISC	V	12 07 32 41.9-46	41.32N-03	141.46E-05	116-4	3.3b	34	0-72	
ISCJB	V	12 07 32 41.0-47	41.32N-03	141.47E-05	119-4	3.3b			19598801
JMA	V	12 07 32 42.1-10	41.34N	141.47E	113-1	3.4			
IDC	V	12 07 32 42.0-3.6	41.22N	141.31E	119-32	3.6,3.5			
ISC	Event type se. Error ellipse: s-maj=7.0km s-min=5.1km az=42.9.								
ISCJB	Event type se. Error ellipse: s-maj=31.6km s-min=26.1km az=136.0.								

Nm	M ₀ =2.41±15 M ₀ =1.00±10; M ₀ =1.40±11; M ₀ =1.77±07; M ₀ =2.09±08; M ₀ =0.34±07; Best double couple: NP1:φ=198.00000°,λ37.00000°,λ50.00000°. NP2:φ=84.00000°,λ63.00000°,λ116.00000°. Principal axes: T P3.2290,Plg63.0000°,Az17.0000°; N P4.0390,Plg23.0000°,Az232.0000°; P P3.6580,Plg14.0000°,Az136.0000°; M3.44400×10 ¹⁶									
NEIC	Event type fe. Error ellipse: s-maj=4.0km s-min=2.3km az=174.0. Felt [II] at Yuzhno-Kuril'sk, Kunashir. Recorded [3 JMA] in eastern Hokkaido and [1 JMA] in the Obihiro area. Moment Tensor Solution. M2.90000×10 ¹⁶									
IDC	Error ellipse: s-maj=11.5km s-min=9.7km az=166.0.									
ISC	V	26 11 59 01.5-32	45.76N-05	143.09E-08	324-3	3.5b	68	1-72		
NEIC	V	26 11 58 59.8-24	45.89N	143.03E	293-35	4.2b			18648193	
BJI	V	26 11 58 59.8	45.90N	143.00E	293	4.3b,4.1b				
ISCJB	V	26 11 59 00.7-32	45.76N-05	143.07E-08	330-3	3.5b,4.1b				
NIED	V	26 11 59 00	45.70N	143.00E	320	4.1W,4.1b				
MOS	V	26 11 59 00.4-98	45.81N	143.02E	327	3.7b,4.1b				
JMA	V	26 11 59 01.9-20	45.69N	143.05E	328-2	3.5,4.1b				
IDC	V	26 11 59 01.7-69	45.84N	142.96E	316-19	4.1,3.6				
ISC	Event type se. Error ellipse: s-maj=26.7km s-min=9.8km az=183.0.									
NEIC	Event type se. Error ellipse: s-maj=8.6km s-min=8.0km az=16.5.									
ISCJB	Moment Tensor Solution. Best double couple: NP1:φ=174.00000°,λ87.00000°,λ34.00000°. NP2:φ=82.00000°,λ56.00000°,λ177.00000°. M1.34000×10 ¹⁵									
MOS	Error ellipse: s-maj=17.7km s-min=11.6km az=83.4.									
JMA	Error ellipse: s-maj=2.2km s-min=2.3km az=-1.0.									
IDC	Error ellipse: s-maj=4.1km s-min=14.3km az=169.0.									
ISC	V	28 20 18 45.3-1.2	41.87N-04	144.36E-05	30-8	4.8b,4.2s	261	1-148		
NIED	V	28 20 18 00	41.80N	144.40E	20	4.7W,4.2s			18440707	
IDC	V	28 20 18 40.7-63	41.81N	144.38E	0	4.6,4.5				
ISCJB	V	28 20 18 43.2-1.2	41.78N-04	144.35E-05	28-8	4.8b,4.2s				
BJI	V	28 20 18 43.5	41.93N	144.31E	30	5.0b,4.8b				
JMA	V	28 20 18 44.2-20	41.81N	144.41E	36-3	4.6,4.8b				
MOS	V	28 20 18 44.7-92	41.87N	144.17E	33	5.1b,4.4s				
NEIC	V	28 20 18 45.6-30	41.89N	144.29E	30	5.0b,4.7W				
SZGRF	V	28 20 18 50.2	42.88N	144.60E	33	4.9b,4.7s				
ISC	Event type se. Error ellipse: s-maj=265.00000°,λ38.00000°,λ156.00000°. M1.30000×10 ¹⁶									
NIED	Error ellipse: s-maj=18.4km s-min=13.6km az=104.0.									
ISCJB	Event type fe. Error ellipse: s-maj=7.4km s-min=4.3km az=89.9.									
JMA	Event type fe. Error ellipse: s-maj=2.2km s-min=0.8km az=-1.0.									
MOS	Error ellipse: s-maj=7.9km s-min=4.7km az=112.0.									
NEIC	Event type fe. Error ellipse: s-maj=8.3km s-min=4.3km az=142.0. Recorded [1 JMA] in south-central Hokkaido. Moment Tensor Solution. M1.30000×10 ¹⁶									
SZGRF	Hokkaido, Japan, region.									
ISC	V	02 13 20 29.3-49	43.11N-04	143.21E-05	134-3	3.4b	39	0-72		
ISCJB	V	02 13 20 28.5-49	43.10N-04	143.22E-05	135-4	3.4b			19598372	
JMA	V	02 13 20 29.7-10	43.10N	143.18E	132-1	3.3				

ISC	V	14 07 14 25.2-2.2	41.72N-04	144.44E-07	14-13	4.2b	85	1-80	
NIED	V	14 07 14 00	41.70N	144.30E	17	4.2W			
ISCJB	V	14 07 14 24.5-1.4	41.65N-04	144.43E-08	23-9	4.2b			
MOS	V	14 07 14 26.6-1.0	41.64N	144.21E	33	4.5b			
JMA	V	14 07 14 26.9-3.0	41.70N	144.31E	25-3	4.2			
BJI	V	14 07 14 26.2	41.76N	144.34E	38	4.8b,4.5b			
NEIC	V	14 07 14 28.5-48	41.69N	144.22E	32	4.5b,4.2W			
IDC	V	14 07 14 29.5-2.5	41.67N	144.28E	43-21	4.0,3.9			
SZGRF	V	14 07 14 38.8	43.64N	144.77E	33	4.4b,3.9			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:13.00000°,δ78.00000°,λ51.00000°. NP2:φ:269.00000°,δ41.00000°,λ161.00000°. M:2.640000×10 ¹⁵								
ISCJB	Event type fe. Error ellipse: s-maj=10.9km s-min=5.5km az=60.5.								
MOS	Error ellipse: s-maj=11.5km s-min=8.1km az=93.5.								
JMA	Error ellipse: s-maj=4.4km s-min=1.7km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=11.9km s-min=6.9km az=122.0. Moment Tensor Solution. M:2.60000×10 ¹⁵								
IDC	Error ellipse: s-maj=24.0km s-min=14.5km az=90.0.								
SZGRF	Hokkaido, Japan, region.								
ISC	V	11 20 15 22.1-56	42.37N-04	143.98E-06	44-4	3.9b,3.5s	76	1-79	
NIED	V	11 20 15 00	42.40N	143.90E	38	4.0W,3.5s			
ISCJB	V	11 20 15 20.9-56	42.34N-04	143.98E-06	51-4	3.9b,3.5s			
MOS	V	11 20 15 21.2-82	42.37N	143.79E	51	4.2b,3.5s			
JMA	V	11 20 15 21.2-10	42.37N	143.92E	58-2	3.8,3.5s			
NEIC	V	11 20 15 23.9-1.4	42.38N	143.76E	58-15	4.2b,3.5s			
IDC	V	11 20 15 24.6-2.1	42.36N	143.73E	64-17	3.9,3.8			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:236.00000°,δ77.00000°,λ90.00000°. NP2:φ:57.00000°,δ13.00000°,λ91.00000°. M:1.050000×10 ¹⁵								
ISCJB	Event type fe. Error ellipse: s-maj=8.4km s-min=5.3km az=79.9.								
MOS	Error ellipse: s-maj=15.0km s-min=9.0km az=84.4.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:81.00000°,δ32.00000°,λ152.00000°. NP2:φ:196.00000°,δ75.00000°,λ61.00000°. Principal axes: T P1g51.0000°,AzM73.0000°. N P1g23.0000°,AzM204.0000°. P P1g25.0000°,AzM308.0000°								
NEIC	Event type se. Error ellipse: s-maj=12.1km s-min=11.9km az=173.0.								
IDC	Error ellipse: s-maj=19.4km s-min=13.0km az=94.0.								
ISC	I	03 07 33 30.5-6.0	41.75N-08	144.7E-20	14-37	3.8b	24	1-85	
NIED	I	03 07 33 00	41.60N	144.90E	11	4.1W			
JMA	I	03 07 33 29-2	41.62N	144.86E	53-3	4.1			
ISCJB	I	03 07 33 30.3-3.8	41.67N-08	144.7E-20	27-27	3.8b			
MOS	I	03 07 33 31.1-1.1	41.63N	144.59E	33	4.2b			
IDC	I	03 07 33 34.1-3.9	41.72N	144.59E	39-33	3.8,3.8			
NIED	Moment Tensor Solution. Best double couple: NP1:φ:8.00000°,δ70.00000°,λ58.00000°. NP2:φ:250.00000°,δ37.00000°,λ146.00000°. M:1.860000×10 ¹⁵								
JMA	Error ellipse: s-maj=2.2km s-min=2.5km az=1.0.								
ISCJB	Error ellipse: s-maj=21.5km s-min=11.4km az=41.8.								
MOS	Error ellipse: s-maj=26.5km s-min=17.3km az=89.5.								
IDC	Error ellipse: s-maj=38.2km s-min=21.9km az=165.0.								
ISC	I	04 00 28 58.7-41	41.09N-04	140.26E-09	171-3	3.4b	33	0-70	
ISCJB	I	04 00 28 57.7-41	41.09N-04	140.26E-09	175-3	3.4b			
IDC	I	04 00 28 58.3-1.6	41.09N	140.16E	162-15	3.4,3.2			
JMA	I	04 00 28 59.3-2.0	41.11N	140.27E	169-2	3.0,3.2			
ISCJB	Error ellipse: s-maj=10.8km s-min=6.0km az=4.5.								
IDC	Error ellipse: s-maj=28.3km s-min=14.7km az=114.0.								
JMA	Error ellipse: s-maj=1.1km s-min=1.7km az=1.0.								
ISC	I	08 08 24 11.7-62	43.75N-06	143.64E-07	168-4	3.2b	32	0-43	
ISCJB	I	08 08 24 10.9-63	43.75N-06	143.63E-07	170-4	3.2b			
JMA	I	08 08 24 12-20	43.79N	143.61E	166-2	2.9			
IDC	I	08 08 24 13.9-3.2	44.25N	143.38E	160-20	3.5s,3.5			
ISCJB	Error ellipse: s-maj=10.0km s-min=8.3km az=32.4.								
JMA	Error ellipse: s-maj=1.1km s-min=1.6km az=1.0.								
IDC	Error ellipse: s-maj=145.2km s-min=26.6km az=169.0.								
ISC	I	10 15 07 00.1-25	43.45N-03	145.18E-03	123-1	4.5b	242	0-115	
SZGRF	I	10 15 06 46.2	42.27N	144.92E	33	4.7b			
MOS	I	10 15 06 58.9-88	43.40N	145.19E	125	4.5b			
SKHL	I	10 15 06 59.1-1.8	43.50N	145.30E	133-11	6.0,5.8			
BJI	I	10 15 06 59.7	43.61N	145.09E	121	4.8b,4.6b			
ISCJB	I	10 15 06 59.2-25	43.44N-03	145.18E-03	127-1	4.5b,4.6b			
NIED	I	10 15 07 00	43.40N	145.20E	122	4.4W,4.6b			
JMA	I	10 15 07 00.8-10	43.40N	145.22E	118-1	4.4,4.6b			
NEIC	I	10 15 07 00.4-19	43.40N	145.11E	125	4.6b,4.3W			
IDC	I	10 15 07 01.0-72	43.39N	145.13E	129-5	4.7,4.4			
ISC	Event type fe.								
SZGRF	Hokkaido, Japan, region.								
MOS	Error ellipse: s-maj=9.0km s-min=5.1km az=103.8.								
ISCJB	Event type fe. Error ellipse: s-maj=5.2km s-min=3.8km az=137.2.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:78.00000°,δ87.00000°,λ120.00000°. NP2:φ:174.00000°,δ30.00000°,λ7.00000°. M:4.080000×10 ¹⁵								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.								
NEIC	Event type fe. Error ellipse: s-maj=5.4km s-min=3.8km az=143.0. Recorded [3 JMA] in eastern Hokkaido. Moment Tensor Solution. M:4.10000×10 ¹⁵								
IDC	Error ellipse: s-maj=13.3km s-min=7.7km az=3.0.								
ISC	I	12 23 47 52.6-33	42.04N-03	142.59E-04	64-2	4.2b	88	0-86	
NIED	I	12 23 47 00	42.00N	142.60E	59	4.1W			
MOS	I	12 23 47 48.2-1.0	42.24N	142.63E	33	4.5b			
ISCJB	I	12 23 47 51.4-33	42.02N-03	142.58E-04	70-2	4.1b			
BJI	I	12 23 47 51.6	42.06N	142.62E	78	4.8b,4.7b			
JMA	I	12 23 47 52.5-10	42.04N	142.60E	61-1	3.9,4.7b			
IDC	I	12 23 47 52.6-81	42.03N	142.49E	64-6	4.0,3.9			
NEIC	I	12 23 47 52.8-37	42.08N	142.55E	64	4.3b,3.9			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:25.00000°,δ69.00000°,λ77.00000°. NP2:φ:237.00000°,δ25.00000°,λ120.00000°. M:1.870000×10 ¹⁵								
MOS	Error ellipse: s-maj=16.1km s-min=8.6km az=86.8.								
ISCJB	Event type fe. Error ellipse: s-maj=5.6km s-min=3.9km az=90.3.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:230.00000°,δ17.00000°,λ124.00000°. NP2:φ:15.00000°,δ76.00000°,λ80.00000°. Principal axes: T P1g58.0000°,AzM272.0000°. N P1g9.0000°,AzM17.0000°. P P1g30.0000°,AzM113.0000°								
IDC	Error ellipse: s-maj=15.3km s-min=9.7km az=100.0.								
NEIC	Event type fe. Error ellipse: s-maj=10.4km s-min=6.6km az=114.0. Recorded [1 JMA] in south-central Hokkaido.								
ISC	I	15 11 56 57.0-47	44.91N-07	141.67E-10	290-5	3.0b	38	0-68	
ISCJB	I	15 11 56 56.2-47	44.91N-07	141.66E-10	295-5	3.0b			
JMA	I	15 11 56 56.9-30	45.01N	141.55E	288-3	3.0			
IDC	I	15 11 56 57.1-2.7	44.80N	141.61E	296-91	3.5,3.0			
ISCJB	Error ellipse: s-maj=11.3km s-min=10.6km az=100.7.								
JMA	Error ellipse: s-maj=2.2km s-min=2.4km az=1.0.								
IDC	Error ellipse: s-maj=291.2km s-min=20.1km az=168.0.								
ISC	I	16 07 38 12.7-41	41.48N-04	142.00E-05	66-4	4.0b	46	1-72	
NIED	I	16 07 38 00	41.50N	142.00E	47	3.8W			
MOS	I	16 07 38 07.9-1.3	41.58N	142.01E	33	4.7b			
NEIC	I	16 07 38 11.0-80	41.89N	141.91E	25	4.6b,3.8W			
ISCJB	I	16 07 38 11.8-41	41.47N-04	142.01E-05	72-3	4.0b,3.8W			
IDC	I	16 07 38 12.2-2.2	41.49N	142.06E	58-18	4.0,3.8			
JMA	I	16 07 38 12.5-10	41.48N	142.01E	63-2	3.6,3.8			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:21.00000°,δ82.00000°,λ105.00000°. NP2:φ:138.00000°,δ17.00000°,λ29.00000°. M:6.080000×10 ¹⁴								
MOS	Error ellipse: s-maj=23.4km s-min=13.0km az=81.6.								
NEIC	Event type se. Error ellipse: s-maj=21.8km s-min=12.5km az=129.0. Moment Tensor Solution. M:6.10000×10 ¹⁴								
ISCJB	Event type fe. Error ellipse: s-maj=7.6km s-min=4.5km az=80.1.								
IDC	Error ellipse: s-maj=22.2km s-min=14.0km az=116.0.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.								
ISC	I	27 02 25 59.2-53	42.19N-04	142.63E-05	75-4	3.3b	34	0-70	
ISCJB	I	27 02 25 58.4-53	42.19N-04	142.62E-05	79-4	3.3b			
JMA	I	27 02 25 59.4-20	42.26N	142.62E	72-2	3.4			
IDC	I	27 02 26 00.0-2.5	42.20N	142.67E	84-17	3.7s,3.7			
ISCJB	Error ellipse: s-maj=7.8km s-min=5.0km az=101.3.								

JMA	Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.								
IDC	Error ellipse: s-maj=34.1km s-min=17.8km az=109.0.								
ISC	I	22 20 53.7-37	44.97N-05	142.48E-08	276-3	3.5b	53	0-72	
NEIC	I	28 22 20 33.9-67	46.26N	142.18E	10	3.8b			
ISCJB	I	28 22 20 53.0-37	44.98N-06	142.47E-08	280-3	3.5b			
IDC	I	28 22 20 54.0-50	45.04N	142.37E	272-11	3.9,3.4			
NEIC	I	28 22 20 53.7-10	45.03N	142.36E	274-2	3.4,3.4			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=16.5km s-min=9.2km az=100.0.								
ISCJB	Event type se. Error ellipse: s-maj=9.2km s-min=8.5km az=79.7.								
IDC	Error ellipse: s-maj=35.1km s-min=13.6km az=169.0.								
JMA	Error ellipse: s-maj=1.1km s-min=1.6km az=-1.0.								
ISC	I	29 09 41 57.6-58	42.72N-05	143.32E-05	113-4	3.5b	35	0-64	
ISCJB	I	29 09 41 56.9-58	42.73N-05	143.31E-05	116-4	3.5b			
JMA	I	29 09 41 58.4-10	42.74N	143.29E	105-1	3.5			
IDC	I	29 09 41 59.0-3.3	42.82N	143.26E	123-12	3.6,3.4b			
ISCJB	Error ellipse: s-maj=8.1km s-min=5.4km az=132.3.								
JMA	Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.								
IDC	Error ellipse: s-maj=58.9km s-min=24.0km az=94.0.								
ISC	I	29 10 00 41.5-79	45.59N-08	143.3E-10	330-7	2.9b	28	1-62	
IDC	I	29 10 00 40.1-1.1	45.98N	142.92E	314-26	3.4,2.9			
JMA	I	29 10 00 40.8-20	45.78N	143.31E	330	2.6,2.9			
ISCJB	I	29 10 00 41.1-93	45.59N-08	143.3E-10	332-8	2.9b,2.9			
ISC	I	03 08 02 03.7-5.5	41.8N-10	144.7E-30	31-39	3.4b	9	1-72	
JMA	I	03 08 02 00.4-40	41.62N	144.87E	53-3	3.8			
NIED	I	03 08 02 00	41.60N	144.90E	14	3.8W			

NIED Moment Tensor Solution. Best double couple: NP1:φ=26.00000°,δ57.00000°,λ129.00000°; NP2:φ=150.00000°,δ49.00000°,λ46.00000°. M8.57000×10¹⁴

ISCJB Event type fe. Error ellipse: s-maj=8.1km s-min=5.1km az=26.5.

IDC Error ellipse: s-maj=79.5km s-min=12.4km az=44.0.

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=144.00000°,δ54.00000°,λ31.00000°. NP2:φ=35.00000°,δ66.00000°,λ140.00000°. Principal axes: T P1g45.0000°,Az355.0000°; N P1g44.0000°,Az189.0000°; P P1g7.0000°,Az92.0000°

NEIC Event type fe. Error ellipse: s-maj=112.0km s-min=12.3km az=105.0. Recorded [1 JMA] in the Otuu area and in northern Hokkaido.

ISC	VI	26 06 01 38.3-45	41.34N-03	142.14E-05	60-5	3.9b	44	1-71
NIED	VI	26 06 01 00	41.30N	142.10E	41	3.7W		
MOS	VI	26 06 01 35.1-1.7	41.31N	142.05E	40	4.5b		†18938525
ISCJB	VI	26 06 01 37.6-46	41.33N-03	142.12E-06	67-4	3.8b		
NEIC	VI	26 06 01 38.2	41.35N	142.13E	56	4.1b		
JMA	VI	26 06 01 38.2	41.35N	142.13E	56-2	3.7		
IDC	VI	26 06 01 39.4-2.1	41.28N	142.17E	68-18	3.8,3.7		

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=34.00000°,δ58.00000°,λ92.00000°. NP2:φ=211.00000°,δ32.00000°,λ88.00000°. M3.45000×10¹⁴

MOS Error ellipse: s-maj=20.8km s-min=12.6km az=88.7.

ISCJB Event type fe. Error ellipse: s-maj=7.5km s-min=4.9km az=36.4.

NEIC Event type se. After JMA.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=221.00000°,δ10.00000°,λ103.00000°. NP2: φ=28.00000°,δ80.00000°,λ88.00000°. Principal axes: T P1g55.0000°,Az295.0000°; N P1g2.0000°,Az28.0000°; P P1g35.0000°,Az120.0000°

IDC Error ellipse: s-maj=27.1km s-min=14.7km az=103.0.

ISC	IV	17 13 33 57.7-7.2	45.36N-08	142.7E-10	306-7	3.2b	26	1-62
IDC	IV	17 13 33 39.0-1.6	48.04N	142.08E	0	4.2s,4.2		
ISCJB	IV	17 13 33 56.7-7.0	45.38N-09	142.7E-10	312-7	3.2b,4.2		†19595078
JMA	IV	17 13 33 57.7-30	45.46N	142.65E	303-3	3.2,4.2		

IDC Error ellipse: s-maj=36.8km s-min=33.7km az=96.0.

ISCJB Error ellipse: s-maj=15.9km s-min=12.1km az=104.7.

JMA Error ellipse: s-maj=3.3km s-min=3.1km az=-1.0.

ISC	IV	13 04 27 24.1-25	41.82N-02	142.78E-02	52-2	5.4b,4.8s	749	0-157
NIED	IV	13 04 27 00	41.80N	142.80E	47	5.3W,4.8s		
ORF	IV	13 04 27 15.0	40.40N	143.79E	30	5.5b,4.8s		†110697723
BJI	IV	13 04 27 20.5	41.76N	142.74E	43	5.5b,5.3b		
NEIC	IV	13 04 27 22.6-12	41.85N	142.71E	37	5.3W,5.5b		
ISCJB	IV	13 04 27 22.5-26	41.76N-02	142.79E-02	52-2	5.4b,4.8s		
MOS	IV	13 04 27 22.2-84	41.83N	142.74E	48	5.6b,5.0s		
HRVD	IV	13 04 27 22.6-20	41.69N	143.12E	56-0	5.3W,5.0s		
JMA	IV	13 04 27 22.9-10	41.76N	142.89E	43-2	5.3,5.0s		
IDC	IV	13 04 27 24.5-1.2	41.79N	142.81E	58-9	5.3,5.1		
SZGRF	IV	13 04 27 27.5	42.81N	143.09E	33	5.6b,5.1		

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=28.00000°,δ66.00000°,λ80.00000°. NP2:φ=232.00000°,δ26.00000°,λ111.00000°. M1.10000×10¹⁷

NEIC Event type fe. Error ellipse: s-maj=3.8km s-min=2.6km az=163.0. Felt at Urakawa. Recorded [4 JMA] in the Shizunai area, [3 JMA] in the Churui area, [2 JMA] in south-central Hokkaido and [1 JMA] in eastern and southwestern Hokkaido. Also recorded [2 JMA] in Aomori and [1 JMA] in Iwate Prefectures, Honshu. Moment Tensor Solution. M1.10000×10¹⁷

ISCJB Event type fe. Error ellipse: s-maj=3.4km s-min=2.4km az=100.1.

MOS Error ellipse: s-maj=6.7km s-min=3.7km az=104.2.

HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Centroid-Moment Tensor Solution. LP body waves: s75,c127; Mantle waves: s90,c155; Half duration: 1s1 Moment tensor: Scale 10¹⁷Nm; M_r-0.89±0.2; M_θ-0.11±0.2; M_φ-0.77±0.2; M_ψ-0.15±0.1; M_ω-0.47±0.1; M_ω-0.49±0.2; Best double couple: NP1:φ=214.00000°,δ31.00000°,λ101.00000°. NP2:φ=22.00000°,δ59.00000°,λ84.00000°. Principal axes: T 1.0220,P1g75.0000°,Az274.0000°; N 1.0.1230,P1g6.0000°,Az25.0000°; P -1.1460,P1g14.0000°,Az116.0000°

M1.08400×10¹⁷

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=197.00000°,δ21.00000°,λ88.00000°. NP2: φ=20.00000°,δ69.00000°,λ91.00000°. Principal axes: T P1g66.0000°,Az291.0000°; N P1g1.0000°,Az199.0000°; P P1g24.0000°,Az109.0000°

IDC Error ellipse: s-maj=11.7km s-min=7.8km az=102.0.

SZGRF Hokkaido, Japan, region.

(225) Off southeast coast of Hokkaido.

ISC	VI	05 23 17 54.5-62	42.41N-03	147.42E-04	43-5	4.6b,3.8s	282	2-152
NIED	VI	05 23 17 00	42.40N	147.40E	65	4.8W,3.8s		
MOS	VI	05 23 17 51.5-87	42.34N	147.46E	33	4.9b,3.8s		†110698791
ISCJB	VI	05 23 17 52.4-66	42.32N-03	147.41E-04	41-5	4.6b,3.8s		
IDC	VI	05 23 17 53.4-50	42.32N	147.57E	40-3	4.8L,4.4		
SKHL	VI	05 23 17 53.6-1.1	42.60N	147.60E	50-18	5.4b,5.4s		
JMA	VI	05 23 17 54.0-20	42.43N	147.38E	60	4.9,5.4s		
BJI	VI	05 23 17 54.8	42.20N	147.40E	70	4.7b,4.7b		
NEIC	VI	05 23 17 56.8-26	42.25N	147.41E	70	4.8W,4.7b		

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=109.00000°,δ77.00000°,λ70.00000°. NP2:φ=231.00000°,δ23.00000°,λ-146.00000°. M1.79000×10¹⁶

MOS Event type fe. Error ellipse: s-maj=8.6km s-min=5.3km az=114.0. Felt (II) at Yuzhno-Kuril'sk. Moment Tensor Solution.

ISCJB Event type fe. Error ellipse: s-maj=5.6km s-min=4.4km az=92.5.

IDC Error ellipse: s-maj=13.0km s-min=10.1km az=19.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.6km az=-1.0.

NEIC Event type fe. Error ellipse: s-maj=7.7km s-min=4.3km az=154.0. Felt (II) at Yuzhno-Kuril'sk, Kunashir. Recorded [2 JMA] in eastern Hokkaido. Moment Tensor Solution. M1.80000×10¹⁶

ISC	III	20 11 17 19.2-1.2	42.8N-10	146.94E-08	35	3.4b	16	1-57
IDC	III	20 11 17 10.2-5.6	42.02N	146.99E	0	3.6,3.5b		
JMA	III	20 11 17 15.5-20	42.83N	147.12E	41	3.7,3.5b		†110607138
ISCJB	III	20 11 17 17.2-1.2	42.8N-10	146.99E-08	33	3.4b,3.5b		
ISC	II	19 02 44 09.3-1.3	42.90N-05	147.16E-06	5-8	4.0b,3.6s	48	1-80
NIED	II	19 02 44 00	42.80N	147.30E	17	3.9W,3.6s		†18192794
JMA	II	19 02 44 08.9-30	42.85N	147.26E	24	4.4,3.6s		
ISCJB	II	19 02 44 08.8-1.6	42.85N-06	147.20E-05	13-12	4.0b,3.6s		
NAO	II	19 02 44 10.6	42.69N	148.22E	33	3.7b,3.6s		
NEIC	II	19 02 44 11.8-4.8	43.01N	146.85E	11-29	3.9b,3.6s		
SKHL	II	19 02 44 11.3-1.5	42.82N	147.19E	33-11	5.0b,3.6s		
MOS	II	19 02 44 12.9-1.3	42.93N	146.85E	39	4.2b,3.6s		
IDC	II	19 02 44 16.0-3.3	42.84N	146.87E	49-34	3.6,3.6		

ISC Event type se.

NIED Moment Tensor Solution. Best double couple: NP1:φ=49.00000°,δ63.00000°,λ121.00000°. NP2:φ=176.00000°,δ40.00000°,λ45.00000°. M7.53000×10¹⁴

JMA Error ellipse: s-maj=2.2km s-min=2.4km az=-1.0.

ISCJB Event type se. Error ellipse: s-maj=9.4km s-min=6.7km az=172.8.

NEIC Event type se. Error ellipse: s-maj=16.1km s-min=11.2km az=126.0.

MOS Error ellipse: s-maj=19.5km s-min=12.5km az=111.6.

IDC Error ellipse: s-maj=55.0km s-min=24.1km az=166.0.

JMA	I	11 05 38 24.9-40	42.04N	147.84E	24	3.5		
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†19480201

JMA Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0.

JMA	I	11 05 31 38.0-30	42.07N	147.75E	10	4.0		
NIED	I	11 05 31 00	42.10N	147.80E	5	3.7W		†19257775

JMA Error ellipse: s-maj=2.2km s-min=2.5km az=-1.0.

NIED Moment Tensor Solution. Best double couple: NP1:φ=277.00000°,δ82.00000°,λ-78.00000°. NP2:φ=38.00000°,δ14.00000°,λ-148.00000°. M4.39000×10¹⁴

(226) Near west coast of eastern Honshu.

ISC	IV	24 23 18 21.8-56	37.35N-03	138.86E-06	17-4	3.9b	18	0-55
NIED	IV	24 23 18 00	37.40N	138.90E	5	3.6W		†19261159
ISCJB	IV	24 23 18 21.6-62	37.38N-04	138.90E-07	22-6	3.9b		
JMA	IV	24 23 18 22.2	37.37N	138.87E	12-1	3.6		
NEIC	IV	24 23 18 24.9-2.7	37.19N	138.84E	38-35	3.8b		

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=194.00000°,δ50.00000°,λ77.00000°. NP2:φ=34.00000°,δ42.00000°,λ105.00000°. M2.49000×10¹⁴

ISCJB Event type fe. Error ellipse: s-maj=8.9km s-min=6.3km az=178.5.

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=69.00000°,δ45.00000°,λ142.00000°. NP2:φ=188.00000°,δ64.00000°,λ52.00000°.

Principal axes: T P1g54.0000°,Az50.0000°; N P1g34.0000°,Az207.0000°; P P1g11.0000°,Az304.0000°

NEIC Event type se. Error ellipse: s-maj=46.7km s-min=26.4km az=138.0.

JMA	IV	18 21 22 28.8-10	37.13N	138.43E	20-1	3.8		
NIED	IV	18 21 22 00	37.10N	138.50E	14	3.6W		†19261039

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=3.00000°,δ22.00000°,λ55.00000°. NP2: φ=220.00000°,δ72.00000°,λ103.00000°. Principal axes: T P1g61.0000°,Az150.0000°; N P1g13.0000°,Az36.0000°; P P1g26.0000°,Az300.0000°

Moment Tensor Solution. Best double couple: NP1:φ=220.00000°,δ65.00000°,λ107.00000°. NP2:φ=4.00000°,δ30.00000°,λ57.00000°. M3.10000×10¹⁴

ISC	IV	24 04 28 14.9-16	38.31N-02	139.73E-03	156	4.8b	403	0-147
NIED	IV	24 04 28 00	38.30N	139.80E	155	4.9W		†110698060
SZGRF	IV	24 04 28 04.5	38.67N	139.51E	33	5.0b		
BJI	IV	24 04 28 11.9	38.28N	139.82E	158	5.0b,4.9b		
ISCJB	IV	24 04 28 13.7-15	38.34N-02	139.71E-03	154	4.8b,4.9b		
MOS	IV	24 04 28 13.4-86	38.46N	139.62E	146	4.8b,4.9b		
NEIC	IV	24 04 28 14.3	38.29N	139.83E	154	4.9W,4.7b		
JMA	IV	24 04 28 14.3-10	38.29N	139.83E	154-1	4.8,4.7b		
HRVD	IV	24 04 28 14.3-40	38.31N	139.82E	159-3	5.0W,4.7b		
IDC	IV	24 04 28 15.1-48	38.24N	139.72E	158-4	4.8,4.5		

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=322.00000°,δ74.00000°,λ-26.00000°. NP2:φ=60.00000°,δ65.00000°,λ-163.00000°. M2.49000×10¹⁶

Near west coast of eastern Honshu, Japan.

ISCJB Event type fe. Error ellipse: s-maj=3.6km s-min=2.7km az=117.5.

MOS Error ellipse: s-maj=8.4km s-min=4.7km az=109.1.

NEIC Event type fe. Recorded [2 JMA] in Fukushima and Ibaraki; [1 JMA] in Chiba, Iwate, Miyagi, Saitama and Tochigi Prefectures, After JMA. Moment Tensor Solution. M2.50000×10¹⁶

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=75.00000°,δ31.00000°,λ-168.00000°. NP2: φ=235.00000°,δ84.00000°,λ-60.00000°. Principal axes: T P1g32.0000°,Az40.0000°; N P1g30.0000°,Az151.0000°; P P1g43.0000°,Az274.0000°

HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Centroid-Moment Tensor Solution. LP body waves: s15,c18; Mantle waves: s65,c98; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_r-0.89±0.10; M_θ-0.32±0.11; M_φ-0.22±0.09; M_ψ-0.66±0.12; M_ω-1.40±0.08; Best double couple: NP1:φ=317.00000°,δ68.00000°,λ-22.00000°. NP2:φ=56.00000°,δ69.00000°,λ-156.00000°. Principal axes: T 3.2790,P1g1.0000°,Az187.0000°; N -0.0340,P1g59.0000°,Az95.0000°; P -3.2400,P1g31.0000°,Az277.0000°

M3.25900×10¹⁶

IDC Error ellipse: s-maj=10.4km s-min=7.0km az=108.0.

ISC	III	26 00 44 20.3-61	37.02N-03	136.87E-05	17-4	3.6b	24	0-66
NIED	III	26 00 44 00	37.00N	136.90E	11	3.6W		†110610689
IDC	III	26 00 44 18.2-1.4	36.99N	136.81E	0	3.8,3.5b		
ISCJB	III	26 00 44 19.9-61	37.03N-04	136.83E-05	25-4	3.6b,3.5b		
NEIC	III	26 00 44 20.9	37.02N	136.89E	13	4.1,3.5b		
JMA	III	26 00 44 20.9	37.02N	136.89E	13-1	3.9,3.5b		

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=351.00000°,δ58.00000°,λ69.00000°. NP2:φ=207.00000°,δ38.00000°,λ120.00000°. M3.02000×10¹⁴

IDC Error ellipse: s-maj=21.3km s-min=16.8km az=9.0.

ISCJB Event type fe. Error ellipse: s-maj=7.4km s-min=6.1km az=51.7.

NEIC Event type se. After JMA.

JMA Event type fe.

JMA	III	30 08 21 16.5-10	37.22N	138.57E	11-2	3.7		
NIED	III	30 08 21 00	37.20N	138.60E	5	3.5W		†110613374

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=18.00000°,δ46.00000°,λ47.00000°. NP2: φ=251.00000°,δ58.00000°,λ125.00000°. Principal axes: T P1g60.0000°,Az215.0000°; N P1g29.0000°,Az51.0000°; P P1g7.0000°,Az317.0000°

NIED Moment Tensor Solution. Best double couple: NP1:φ=13.00000°,δ60.00000°,λ70.00000°. NP2:φ=229.00000°,δ35.00000°,λ121.00000°. M1.69000×10¹⁴

JMA	III	14 03 01 58.2	37.50N	138.17E	27-1	3.5		
NIED	III	14 03 02 00	37.50N	138.20E	14	3.5W		†110603335

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=55.00000°,δ39.00000°,λ91.00000°. NP2:φ=233.00000°,δ51.00000°,λ89.00000°. Principal axes: T P1g84.0000°,Az135.0000°; N P1g1.0000°,Az234.0000°; P P1g6.0000°,Az324.0000°

NIED Moment Tensor Solution. Best double couple: NP1:φ=67.00000°,δ57.00000°,λ99.00000°. NP2:φ=231.00000°,δ34.00000°,λ77.00000°. M1.90000×10¹⁴

ISC	II	13 08 23 18.1-39	38.41N-02	139.91E-03
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(227) Eastern Honshu.										
ISC	IV	12 16 20 32.9--41	37.60N-04	140.70E-06	119-2	3.7b	54	0-82		
NIED	IV	12 16 20 00	37.60N	140.70E	113	3.7W			110986619	20
IDC	IV	12 16 20 31.6--69	37.61N	140.78E	105-6	3.8,3.6	118645939		11600433	
ISCJB	IV	12 16 20 31.9--42	37.60N-04	140.70E-06	123-2	3.7b,3.6				
MOS	IV	12 16 20 31.7--93	37.66N	140.70E	123	4.0b,3.6				
NEIC	IV	12 16 20 32.3--57	37.66N	140.73E	107	3.9,3.6				
JMA	IV	12 16 20 33.5--10	37.60N	140.69E	114-1	3.9,3.6				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=110.0000°,λ=110.0000°; NP2:φ=332.0000°,λ=53.0000°; M=4.14000×10 ¹⁴ . Error ellipse: s-maj=13.3km s-min=8.6km az=117.0.									
IDC	Event type fe. Error ellipse: s-maj=9.0km s-min=4.9km az=71.2.									
ISCJB	Error ellipse: s-maj=17.4km s-min=10.8km az=74.1.									
MOS	Event type se. Error ellipse: s-maj=15.1km s-min=7.8km az=126.0.									
NEIC	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution.									
JMA	Broadband fault plane solution: P waves. NP1:φ=351.0000°,λ=61.0000°; NP2:φ=136.0000°,λ=111.0000°. Principal axes: T P1g9.0000°,AzM241.0000°; N P1g18.0000°,AzM148.0000°; P P1g70.0000°,AzM358.0000°.									
ISC	VI	27 14 10 26.7--87	36.2N-10	137.3E-10	256-5	3.2b	16	0-60		
ISCJB	VI	27 14 10 25.7--88	36.2N-10	137.3E-20	262-6	3.2b	119820383			
JMA	VI	27 14 10 26.3--20	36.20N	137.25E	259-2	2.6				
IDC	VI	27 14 10 26.2-3.2	35.78N	136.73E	222-61	3.6,3.3				
ISCJB	Error ellipse: s-maj=27.7km s-min=11.6km az=100.5.									
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.									
IDC	Error ellipse: s-maj=122.8km s-min=98.6km az=28.0.									
ISC	IV	20 03 40 20.2--32	36.23N-03	139.81E-04	65-2	4.3b	104	0-153		
NIED	IV	20 03 40 00	36.30N	139.80E	62	4.2W	110697880			
MOS	IV	20 03 40 18.6--71	36.19N	139.82E	71	4.4b				
ISCJB	IV	20 03 40 19.1--33	36.22N-03	139.81E-04	72-2	4.3b				
BJI	IV	20 03 40 19.1	36.35N	139.94E	76	4.5b,4.5b				
JMA	IV	20 03 40 20.7--10	36.23N	139.78E	58-1	4.3,4.5b				
IDC	IV	20 03 40 20.8-1.1	36.14N	139.79E	71-10	4.2,4.0				
NEIC	IV	20 03 40 20.9--90	36.22N	139.75E	69-7	4.5b,4.2W				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=171.0000°,λ=69.0000°; NP2:φ=283.0000°,λ=157.0000°; M=2.23000×10 ¹⁵ . Error ellipse: s-maj=16.0km s-min=8.7km az=122.5.									
MOS	Event type fe. Error ellipse: s-maj=6.1km s-min=4.4km az=60.5.									
ISCJB	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=258.0000°,λ=116.0000°; NP2:φ=0.0000°,λ=171.0000°. Principal axes: T P1g46.0000°,AzM251.0000°; N P1g19.0000°,AzM2.0000°; P P1g38.0000°,AzM107.0000°.									
IDC	Error ellipse: s-maj=15.0km s-min=7.4km az=62.0.									
NEIC	Event type fe. Error ellipse: s-maj=9.0km s-min=7.5km az=81.0. Felt in Kanto and in parts of southern Tohoku. Recorded [3 JMA] in Ibaraki, Saitama and Tochigi; [2 JMA] in Chiba, Fukushima, Gumma and Tokyo; [1 JMA] in Kanagawa, Nagano and Yamanashi Prefectures. Moment Tensor Solution. M=2.20000×10 ¹⁵ .									
ISC	IV	05 05 54 59.3--34	35.90N-05	137.14E-07	265-3	3.8b	59	0-68		
NIED	IV	05 05 54 00	35.90N	137.10E	250	3.9W	118517301			
ISCJB	IV	05 05 54 58.3--34	35.88N-05	137.15E-07	271-3	3.8b				
MOS	IV	05 05 54 58.5--60	35.95N	137.33E	280	3.9b				
JMA	IV	05 05 54 59.6--20	35.90N	137.17E	264-2	3.8				
NEIC	IV	05 05 54 59.5--44	35.95N	137.25E	271-7	3.9b				
IDC	IV	05 05 54 59.6--54	35.96N	137.34E	270-11	4.2,3.6				
ISC	Event type se.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=333.0000°,λ=25.0000°; NP2:φ=234.0000°,λ=159.0000°; M=8.82000×10 ¹⁴ .									
ISCJB	Event type se. Error ellipse: s-maj=10.6km s-min=7.5km az=75.5.									
MOS	Error ellipse: s-maj=22.7km s-min=13.2km az=102.7.									
JMA	Error ellipse: s-maj=2.2km s-min=1.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=334.0000°,λ=22.0000°; NP2:φ=234.0000°,λ=154.0000°. Principal axes: T P1g32.0000°,AzM193.0000°; N P1g58.0000°,AzM20.0000°; P P1g3.0000°,AzM285.0000°.									
NEIC	Event type se. Error ellipse: s-maj=18.6km s-min=8.5km az=71.0.									
IDC	Error ellipse: s-maj=40.4km s-min=14.6km az=68.0.									
ISC	IV	06 04 53 33.0--47	38.75N-07	140.36E-09	126-4	3.9b	26	0-62		
ISCJB	IV	06 04 53 32.0--47	38.75N-07	140.36E-09	131-4	3.7b	119594350			
JMA	IV	06 04 53 33.4--10	38.74N	140.38E	123-1	3.2				
NEIC	IV	06 04 53 34.5-1.5	38.69N	140.21E	137-14	3.8b				
IDC	IV	06 04 53 35.2-2.8	38.70N	140.15E	143-27	3.7,3.5				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=13.3km s-min=8.7km az=92.2.									
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.									
NEIC	Event type se. Error ellipse: s-maj=23.0km s-min=17.5km az=72.0.									
IDC	Error ellipse: s-maj=39.8km s-min=23.0km az=88.0.									
ISC	III	15 21 24 21.9--39	35.26N-03	137.05E-05	48-6	3.5b	29	0-59		
NIED	III	15 21 24 00	35.30N	137.10E	53	3.9W	110604460			
ISCJB	III	15 21 24 21.1-40	35.25N-04	137.06E-05	57-6	3.5b				
JMA	III	15 21 24 21.6	35.28N	137.05E	43	4.0				
IDC	III	15 21 24 22.1-1.9	35.23N	137.12E	54-24	3.7L,3.4				
NEIC	III	15 21 24 22.4-98	35.28N	137.09E	58-13	4.1b,3.4				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=202.0000°,λ=81.0000°; NP2:φ=53.0000°,λ=119.0000°; M=7.90000×10 ¹⁴ . Error ellipse: s-maj=18.7km s-min=12.3km az=122.3.									
ISCJB	Event type fe. Error ellipse: s-maj=6.3km s-min=5.8km az=126.5.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=45.0000°,λ=114.0000°; NP2:φ=200.0000°,λ=83.0000°. Principal axes: T P1g60.0000°,AzM100.0000°; N P1g7.0000°,AzM202.0000°; P P1g29.0000°,AzM296.0000°.									
IDC	Error ellipse: s-maj=27.4km s-min=12.8km az=56.0.									
NEIC	Event type se. Error ellipse: s-maj=17.9km s-min=11.6km az=143.0.									
IDC	III	16 22 31 23.2-1.3	39.33N	141.04E	0	3.8,3.5b			110606200	
IDC	Error ellipse: s-maj=43.4km s-min=30.3km az=99.0.									
ISC	III	23 14 03 45.1--36	36.11N-03	139.97E-05	79-3	4.0b	57	0-75		
NIED	III	23 14 03 00	36.20N	140.00E	74	3.9W	110609127			
MOS	III	23 14 03 43.7--86	36.06N	139.98E	87	4.2b				
ISCJB	III	23 14 03 43.9--36	36.11N-03	139.99E-05	86-3	4.0b				
IDC	III	23 14 03 45.6-1.2	36.11N	139.93E	80-11	4.0,3.8				
JMA	III	23 14 03 45.6-1.0	36.13N	139.99E	69-1	3.6,3.8				
NEIC	III	23 14 03 46.6-1.1	36.06N	139.78E	89-8	4.4b,3.8				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=5.0000°,λ=76.0000°; NP2:φ=215.0000°,λ=117.0000°; M=7.90000×10 ¹⁴ . Error ellipse: s-maj=18.7km s-min=12.3km az=122.3.									
MOS	Event type fe. Error ellipse: s-maj=6.9km s-min=4.3km az=13.5.									
ISCJB	Error ellipse: s-maj=16.3km s-min=7.9km az=69.0.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=188.0000°,λ=100.0000°; NP2:φ=356.0000°,λ=81.0000°. Principal axes: T P1g73.0000°,AzM252.0000°; N P1g5.0000°,AzM359.0000°; P P1g16.0000°,AzM90.0000°.									
NEIC	Event type se. Error ellipse: s-maj=16.5km s-min=9.2km az=82.0.									
ISC	IV	07 03 46 19.2--62	37.87N-05	139.38E-07	149-5	3.1b	35	0-64		
IDC	IV	07 03 46 14.8-3.6	38.50N	139.31E	71-35	3.4L,3.2	119594404			
ISCJB	IV	07 03 46 18.4-62	37.88N-05	139.37E-08	151-5	3.1b,3.2				
JMA	IV	07 03 46 19.1-10	37.84N	139.41E	147-1	2.7,3.2				
IDC	Error ellipse: s-maj=35.4km s-min=25.2km az=79.0.									
ISCJB	Error ellipse: s-maj=11.6km s-min=5.9km az=71.1.									
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.									
ISC	IV	09 04 56 23.8--60	36.17N-09	137.2E-10	257-5	3.5b	22	0-60		
ISCJB	IV	09 04 56 22.8-3.6	36.16N-09	137.2E-10	263-5	3.5b	119594507			
IDC	IV	09 04 56 22.6-2.8	36.19N	136.79E	248-20	4.0,3.5				
JMA	IV	09 04 56 23.9--10	36.14N	137.24E	256-1	2.7,3.5				
ISCJB	Error ellipse: s-maj=22.1km s-min=9.3km az=65.8.									
IDC	Error ellipse: s-maj=106.4km s-min=17.3km az=104.0.									
JMA	Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.									
JMA	VI	25 18 19 36.2	35.98N	137.54E	10	0.0			110975996	

ISC	VI	25 18 18 45.4--80	36.1N-10	137.1E-10	280-5	3.2b	20	1-60		
IDC	VI	25 18 18 43.5-7.2	34.06N	137.44E	120-114	3.4,3.4	119600433			
ISCJB	VI	25 18 18 44.4-81	36.1N-10	137.1E-10	287-6	3.2b,3.4				
JMA	VI	25 18 18 49.2-20	36.14N	137.07E	282-2	2.6,3.4				
IDC	Error ellipse: s-maj=95.8km s-min=46.8km az=14.0.									
ISCJB	Error ellipse: s-maj=20.7km s-min=10.4km az=100.5.									
JMA	Error ellipse: s-maj=2.2km s-min=1.8km az=-1.0.									
ISC	III	07 03 46 47.0--65	37.33N-03	139.00E-05	18-6		13	0-1		
NIED	III	07 03 46 00	37.30N	139.00E	5	3.5W	110598779			
ISCJB	III	07 03 46 47.2--56	37.33N-03	139.00E-04	8	3.5W				
JMA	III	07 03 46 47.7	37.34N	139.00E	8-1	3.8				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=2002.0000°,λ=64.0000°; NP2:φ=330.0000°,λ=120.0000°; M=2.17000×10 ¹⁴ .									
ISCJB	Event type fe. Error ellipse: s-maj=5.2km s-min=4.3km az=-2.7.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=338.0000°,λ=89.0000°; NP2:φ=203.0000°,λ=110.0000°. Principal axes: T P1g61.0000°,AzM143.0000°; N P1g19.0000°,AzM15.0000°; P P1g21.0000°,AzM278.0000°.									
ISC	III	08 01 58 15.3--56	39.53N-03	141.3E-10	128-3	3.6b	29	0-72		
ISCJB	III	08 01 58 14.3--56	39.53N-03	141.3E-10	133-3	3.6b	110599400			
JMA	III	08 01 58 16.2--10	39.52N	141.18E	124-1	3.4				
IDC	III	08 01 58 16.8-1.9	39.64N	141.52E	147-17	3.7,3.4b				
ISCJB	Error ellipse: s-maj=16.4km s-min=5.5km az=13.1.									
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.									
IDC	Error ellipse: s-maj=35.3km s-min=15.3km az=99.0.									
ISC	III	08 12 42 11.2--62	36.09N-04	139.94E-08	85-6	3.5b	23	0-56		
ISCJB	III	08 12 42 10.1--63	36.10N-04	139.95E-08	93-6	3.5b	110599680			
IDC	III	08 12 42 11.1-1.9	36.05N	139.99E	85-15	3.7,3.4				
JMA	III	08 12 42 12.0--10	36.10N	139.91E	77-1	3.0,3.4				
ISCJB	Error ellipse: s-maj=11.4km s-min=7.0km az=147.8.									
IDC	Error ellipse: s-maj=26.2km s-min=8.5km az=64.0.									
JMA										

ISCJB	Error ellipse: s-maj=16.6km s-min=8.7km az=160.8.								
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.								
ISC	IV 12 17 04 39.1-70	36.37N-05	137.2E-10	257-5	3.4b	26	0-60		
ISCJB	IV 12 17 04 38.1-70	36.38N-06	137.2E-10	263-5	3.4b				
IDC	IV 12 17 04 38.9-2.5	36.37N	137.33E	258-18	3.9,3.4				
JMA	IV 12 17 04 39.1-10	36.34N	137.19E	257-1	3.0,3.4				
ISCJB	Error ellipse: s-maj=15.4km s-min=8.6km az=22.7.								
IDC	Error ellipse: s-maj=135.7km s-min=28.6km az=99.0.								
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.								
ISC	II 24 11 42 21.3-75	39.86N-04	141.8E-10	72-4	3.2b	24	0-64		
ISCJB	II 24 11 42 20.2-77	39.86N-04	141.8E-10	78-4	3.2b				
JMA	II 24 11 42 21.6	39.87N	141.75E	70-1	3.3				
IDC	II 24 11 42 21.0-23	38.61N	138.77E	212-71	3.1,2.9				
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=13.4km s-min=6.5km az=161.6.								
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: $\phi=340.00000^\circ$; $\delta 5.00000^\circ$; $\lambda 69.00000^\circ$; NP2: $\phi=182.00000^\circ$; $\delta 85.00000^\circ$; $\lambda 92.00000^\circ$. Principal axes: T P1g50.0000 $^\circ$; Azm94.0000 $^\circ$; N P1g2.0000 $^\circ$; Azm2.0000 $^\circ$; P P1g40.0000 $^\circ$; Azm270.0000 $^\circ$.								
IDC	Error ellipse: s-maj=578.6km s-min=23.1km az=60.0.								
ISC	V 10 01 23 18.8-40	36.05N-03	139.89E-05	51-4	4.0b	46	0-79		
NIED	V 10 01 23 00	36.10N	139.90E	56	4.1W				
MOS	V 10 01 23 09.7-1.3	35.14N	140.11E	33	4.8b				
NEIC	V 10 01 23 11.6-1.8	34.96N	139.71E	39-14	4.6b,4.1W				
ISCJB	V 10 01 23 17.9-4.0	36.05N-03	139.90E-05	57-3	4.0b,4.1W				
JMA	V 10 01 23 18.9-10	36.07N	139.88E	47-1	4.2,4.1W				
IDC	V 10 01 23 21.0-1.4	35.93N	139.66E	75-16	3.8,3.8				
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1: $\phi=68.00000^\circ$; $\delta 71.00000^\circ$; $\lambda 83.00000^\circ$. NP2: $\phi=269.00000^\circ$; $\delta 20.00000^\circ$; $\lambda 109.00000^\circ$. M2: 8.8000 $\times 10^{15}$.								
MOS	Error ellipse: s-maj=27.6km s-min=12.7km az=122.6.								
NEIC	Event type fe. Error ellipse: s-maj=21.5km s-min=12.7km az=110.0. Recorded [2 JMA] in Gumma, Ibaraki, Saitama and Tochigi; [1 JMA] in Chiba and Tokyo Prefectures. Moment Tensor Solution. M2: 9.0000 $\times 10^{15}$.								
ISCJB	Event type fe. Error ellipse: s-maj=6.9km s-min=5.3km az=153.4.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: $\phi=219.00000^\circ$; $\delta 30.00000^\circ$; $\lambda 80.00000^\circ$. NP2: $\phi=50.00000^\circ$; $\delta 60.00000^\circ$; $\lambda 96.00000^\circ$. Principal axes: T P1g74.0000 $^\circ$; Azm335.0000 $^\circ$; N P1g5.0000 $^\circ$; Azm227.0000 $^\circ$; P P1g15.0000 $^\circ$; Azm136.0000 $^\circ$.								
IDC	Error ellipse: s-maj=26.3km s-min=7.9km az=65.0.								
ISC	V 30 12 17 43.9-47	36.28N-03	139.39E-06	130-4	3.6b	38	0-69		
ISCJB	V 30 12 17 43.8-37	36.28N-03	139.44E-06	124	3.8b				
IDC	V 30 12 17 44.3-83	36.20N	139.23E	133-10	3.9,3.6				
NEIC	V 30 12 17 44.7	36.27N	139.41E	124	3.4,3.6				
JMA	V 30 12 17 44.7-10	36.27N	139.41E	124-1	3.4,3.6				
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=6.3km s-min=4.3km az=164.8.								
IDC	Error ellipse: s-maj=33.0km s-min=9.4km az=74.0.								
NEIC	Event type se. After JMA.								
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.								
ISC	V 03 06 48 49.8-34	36.72N-03	139.48E-05	121-2	3.7b	57	0-74		
ISCJB	V 03 06 48 48.7-34	36.72N-03	139.49E-05	126-2	3.7b				
IDC	V 03 06 48 49.9-85	36.73N	139.49E	120-7	4.0,3.6				
MOS	V 03 06 48 49.4-88	36.84N	139.40E	130	3.8b,3.6				
NEIC	V 03 06 48 50.1	36.68N	139.51E	116	3.6,3.6				
JMA	V 03 06 48 50.1-10	36.68N	139.51E	115-1	3.5,3.6				
NIED	V 03 06 49 00	36.70N	139.60E	135	3.9W,3.6				
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=7.2km s-min=4.5km az=23.6.								
IDC	Error ellipse: s-maj=16.5km s-min=9.6km az=76.0.								
MOS	Error ellipse: s-maj=21.5km s-min=13.7km az=89.3.								
NEIC	Event type se. After JMA.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Best double couple: NP1: $\phi=50.00000^\circ$; $\delta 82.00000^\circ$; $\lambda 117.00000^\circ$. NP2: $\phi=156.00000^\circ$; $\delta 28.00000^\circ$; $\lambda 118.00000^\circ$. M2: 8.2900 $\times 10^{14}$.								
JMA	V 03 15 44 08.4-10	36.13N	139.85E	53-1	3.7				
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.								
ISC	V 01 07 00 43.6-31	36.12N-02	139.72E-05	64-2	4.4b	106	0-148		
NIED	V 01 07 00 00	36.20N	139.70E	62	4.4W				
MOS	V 01 07 00 38.1-82	36.04N	139.65E	33	4.6b				
ISCJB	V 01 07 00 42.5-31	36.11N-02	139.75E-05	70-2	4.3b				
BJI	V 01 07 00 42.0	36.28N	140.02E	78	5.0b,4.5b				
JMA	V 01 07 00 43.9	36.14N	139.73E	59-1	4.4,4.5W				
NEIC	V 01 07 00 43.4-29	36.04N	139.65E	63	4.5b,4.3W				
IDC	V 01 07 00 44.1-60	36.04N	139.53E	69-6	4.3,4.1				
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1: $\phi=253.00000^\circ$; $\delta 73.00000^\circ$; $\lambda 66.00000^\circ$. NP2: $\phi=130.00000^\circ$; $\delta 29.00000^\circ$; $\lambda 143.00000^\circ$. M2: 3.9200 $\times 10^{15}$.								
MOS	Error ellipse: s-maj=16.4km s-min=7.4km az=99.7.								
ISCJB	Event type fe. Error ellipse: s-maj=6.1km s-min=4.2km az=7.5.								
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: $\phi=129.00000^\circ$; $\delta 21.00000^\circ$; $\lambda 140.00000^\circ$. NP2: $\phi=257.00000^\circ$; $\delta 77.00000^\circ$; $\lambda 74.00000^\circ$. Principal axes: T P1g55.0000 $^\circ$; Azm147.0000 $^\circ$; N P1g16.0000 $^\circ$; Azm261.0000 $^\circ$; P P1g30.0000 $^\circ$; Azm0.0000 $^\circ$.								
NEIC	Event type fe. Error ellipse: s-maj=7.8km s-min=6.7km az=56.0. Felt at Tokyo and Yokohama. Recorded [3 JMA] in Ibaraki and Tochigi; [2 JMA] in Chiba, Fukushima, Gumma, Kanagawa, Saitama and Tokyo; [1 JMA] in Shizuoka and Yamanashi Prefectures. Moment Tensor Solution. M2: 4.0000 $\times 10^{15}$.								
IDC	Error ellipse: s-maj=15.2km s-min=8.0km az=78.0.								
ISC	V 05 13 18 19.0-56	39.66N-06	140.1E-10	177-5	3.5b	23	0-60		
ISCJB	V 05 13 18 18.0-55	39.68N-06	140.1E-10	181-5	3.5b				
IDC	V 05 13 18 18.2-1.5	39.67N	140.31E	173-19	3.6,3.2b				
JMA	V 05 13 18 19.8-10	39.61N	140.08E	170-1	3.0,3.2b				
ISCJB	Error ellipse: s-maj=16.8km s-min=8.6km az=44.0.								
IDC	Error ellipse: s-maj=33.1km s-min=15.0km az=98.0.								
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.								
ISC	V 14 10 46 47.5-29	39.86N-03	140.62E-03	1	4.1b,3.1s	67	0-146		
NIED	V 14 10 46 00	39.00N	140.60E	11	3.9W,3.1s				
JMA	V 14 10 46 46.7-10	38.99N	140.62E	-1-1	4.4,3.1s				
ISCJB	V 14 10 46 46.3-29	38.97N-03	140.62E-03	1	4.1b,3.1s				
IDC	V 14 10 46 47.3-70	38.91N	140.50E	0	4.2,3.9				
MOS	V 14 10 46 50.7-1.1	38.97N	140.35E	33	4.3b,3.9				
NEIC	V 14 10 46 53.6-1.3	38.88N	140.36E	46-13	4.1b,3.9				
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1: $\phi=51.00000^\circ$; $\delta 88.00000^\circ$; $\lambda 169.00000^\circ$. NP2: $\phi=141.00000^\circ$; $\delta 79.00000^\circ$; $\lambda 2.00000^\circ$. M2: 8.8100 $\times 10^{14}$.								
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: $\phi=97.00000^\circ$; $\delta 46.00000^\circ$; $\lambda 110.00000^\circ$. NP2: $\phi=304.00000^\circ$; $\delta 48.00000^\circ$; $\lambda 7.100000^\circ$. Principal axes: T P1g1.0000 $^\circ$; Azm21.0000 $^\circ$; N P1g14.0000 $^\circ$; Azm111.0000 $^\circ$; P P1g76.0000 $^\circ$; Azm287.0000 $^\circ$.								
ISCJB	Event type fe. Error ellipse: s-maj=4.3km s-min=3.2km az=116.8.								
IDC	Error ellipse: s-maj=23.8km s-min=16.4km az=112.0.								
MOS	Error ellipse: s-maj=19.6km s-min=9.4km az=72.4.								
NEIC	Event type se. Error ellipse: s-maj=10.6km s-min=10.4km az=56.0.								
JMA	V 14 10 46 03.4-10	38.99N	140.62E	1-1	0.4				
ISC	I 01 14 20 01.2-44	36.03N-03	138.61E-07	66-4	3.6b	29	0-74		
ISCJB	I 01 14 20 00.3-45	36.03N-03	138.60E-07	72-4	3.6b				
JMA	I 01 14 20 01.5-10	35.99N	138.63E	62-1	3.1				
IDC	I 01 14 20 01.1-1.1	36.02N	138.45E	62-7	3.8,3.6				
NEIC	I 01 14 20 01.6	35.99N	138.63E	62	4.3b,3.6				
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=10.1km s-min=5.6km az=156.8.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: $\phi=225.00000^\circ$; $\delta 30.00000^\circ$; $\lambda 100.00000^\circ$. NP2: $\phi=34.00000^\circ$; $\delta 60.00000^\circ$; $\lambda 84.00000^\circ$. Principal axes: T P1g74.0000 $^\circ$; Azm289.0000 $^\circ$; N P1g5.0000 $^\circ$; Azm37.0000 $^\circ$; P P1g15.0000 $^\circ$; Azm128.0000 $^\circ$.								
IDC	Error ellipse: s-maj=26.3km s-min=17.2km az=70.0.								
NEIC	Event type se. After JMA.								
ISC	I 25 04 24 44.0-60	36.02N-04	139.5E-10	128-3	3.5b	30	0-56		

IDC	I 25 04 24 37.5-1.2	35.16N	137.21E	0	3.7,3.6				
ISCJB	I 25 04 24 43.1-59	36.01N-04	139.5E-10	133-3	3.5b,3.6				
JMA	I 25 04 24 45.1-10	36.04N	139.52E	119-1	3.3,3.6				
NEIC	I 25 04 24 46.3-3.1	35.41N	137.94E	100-63	4.0b,3.6				
ISC	Event type se.								
IDC	Error ellipse: s-maj=21.6km s-min=13								

IDC	Error ellipse: s-maj=28.5km s-min=14.9km az=66.0.								
ISC	IV 10 00 21 24.6-20	37.51N-03	141.21E-03	81	4.6b	225	0-157		
NIED	IV 10 00 21 24.6-20	37.50N	141.30E	80	4.6W	¶10697648			
BJI	IV 10 00 21 21.3	37.60N	141.18E	72	4.8b,4.8b				
ISCJB	IV 10 00 21 22.6-20	37.44N-03	141.25E-03	79	4.6b,4.8b				
IDC	IV 10 00 21 23.8-38	37.42N	141.11E	79-3	4.6,4.4				
MOS	IV 10 00 21 24.1-83	37.87N	141.06E	75	4.8b,4.4				
HRVD	IV 10 00 21 24.4-1.0	37.77N	141.11E	105-7	4.8W,4.4				
NEIC	IV 10 00 21 24.4-20	37.49N	141.17E	80	4.7b,4.6W				
JMA	IV 10 00 21 24.3	37.50N	141.28E	80-1	4.7,4.6W				
SZGRF	IV 10 00 21 25.2	37.02N	140.42E	75	4.8b,4.6W				
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=227.00000°,δ58.00000°,λ-98.00000°; NP2:φ=62.00000°,δ32.00000°,λ-77.00000°; M=9.98000×10 ¹⁵								
ISCJB	Event type fe. Error ellipse: s-maj=3.9km s-min=3.5km az=106.4.								
IDC	Error ellipse: s-maj=11.8km s-min=7.9km az=104.0.								
MOS	Error ellipse: s-maj=8.5km s-min=5.9km az=98.6.								
HRVD	Error ellipse: s-maj=7.8km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s6.c6; Mantle waves: s28.c35; Half duration: 0; Moment Tensor: Scale 10 ¹⁶ Nm; M ₁ -1.34±13 M ₂ ±1.43±17; M ₃ -0.09±16; M ₄ ±0.09±12; M ₅ ±1.28±14; M ₆ ±0.49±09; Best double couple: NP1:φ=86.00000°,δ46.00000°,λ-51.00000°; NP2:φ=217.00000°,δ56.00000°,λ-123.00000°; Principal axes: T P1g2.0000°, N P1g2.0000°, Azm330.0000°; N -0.6290, P1g27.0000°, Azm237.0000°; P -1.5620, P1g63.0000°, Azm70.0000°; M ₁ 1.87500×10 ¹⁶								
NEIC	Event type fe. Error ellipse: s-maj=6.1km s-min=4.2km az=154.0. Felt in the Kanto and Tohoku regions. Recorded [3 JMA] in Fukushima; [2 JMA] in Ibaraki, Miyagi, Tochigi and Yamagata; [1 JMA] in Chiba, Gumma, Iwate, Saitama and Tokyo Prefectures. Moment Tensor Solution. M=1.00000×10 ¹⁶								
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=34.00000°,δ30.00000°,λ-94.00000°; NP2:φ=219.00000°,δ60.00000°,λ-88.00000°; Principal axes: T P1g15.0000°, Azm307.0000°; N P1g2.0000°, Azm38.0000°; P P1g75.0000°; Azm135.0000°								
SZGRF	Eastern Honshu, Japan.								
ISC	IV 11 04 23 29.6-1.7	36.62N-05	141.50E-08	16-7	3.5b	26	1-57		
IDC	IV 11 04 23 25.5-2.2	36.59N	141.76E	0	3.8,3.6L	¶19594626			
ISCJB	IV 11 04 23 29.1-1.4	36.59N-05	141.55E-08	26-7	3.5b,3.6L				
JMA	IV 11 04 23 31.5-1.0	36.63N	141.37E	46-2	3.4,3.6L				
NEIC	IV 11 04 23 31.5	36.63N	141.37E	46	3.3,3.6L				
ISC	Event type se.								
IDC	Error ellipse: s-maj=52.4km s-min=28.6km az=49.0.								
ISCJB	Event type se. Error ellipse: s-maj=11.4km s-min=8.0km az=48.7.								
JMA	Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.								
NEIC	Event type se. After JMA.								
ISC	IV 13 18 43 26.7-7.1	38.80N-04	141.74E-10	59-6	3.5b	24	0-63		
ISCJB	IV 13 18 43 25.2-7.2	38.80N-04	141.77E-10	68-5	3.4b	¶19594820			
IDC	IV 13 18 43 25.6-2.1	38.70N	141.99E	56-21	3.6,3.5				
JMA	IV 13 18 43 26.5	38.83N	141.64E	66-1	3.5,3.5				
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=13.3km s-min=5.9km az=43.2.								
IDC	Error ellipse: s-maj=39.9km s-min=12.3km az=98.0.								
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=340.00000°,δ38.00000°,λ39.00000°; NP2:φ=218.00000°,δ67.00000°,λ122.00000°; Principal axes: T P1g56.0000°, Azm169.0000°; N P1g29.0000°, Azm24.0000°; P P1g16.0000°; Azm285.0000°								
ISC	IV 14 07 33 42.2-5.0	35.83N-03	140.44E-04	26-3	4.3b,3.5s	84	0-148		
NIED	IV 14 07 33 00	35.90N	140.60E	35	4.3W,3.5s	¶10697756			
BJI	IV 14 07 33 39.4	35.98N	140.67E	31	4.7b,4.5b				
ISCJB	IV 14 07 33 41.9-4.1	35.82N-03	140.48E-04	39-4	4.3b,3.5s				
MOS	IV 14 07 33 42.1-88	35.79N	140.40E	42	4.5b,3.5s				
JMA	IV 14 07 33 42.4	35.87N	140.49E	35-1	3.9,3.5s				
IDC	IV 14 07 33 43.9-2.5	35.78N	140.43E	40-22	4.2,4.1				
NEIC	IV 14 07 33 43.9-1.3	35.80N	140.36E	40-11	4.4b,4.1				
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=58.00000°,δ69.00000°,λ71.00000°; NP2:φ=282.00000°,δ28.00000°,λ130.00000°; M=2.66000×10 ¹⁵								
ISCJB	Event type fe. Error ellipse: s-maj=13.5km s-min=4.9km az=123.4.								
MOS	Error ellipse: s-maj=12.0km s-min=7.1km az=106.0.								
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=220.00000°,δ34.00000°,λ64.00000°; NP2:φ=71.00000°,δ60.00000°,λ106.00000°; Principal axes: T P1g70.0000°, Azm17.0000°; N P1g14.0000°, Azm243.0000°; P P1g14.0000°; Azm149.0000°								
IDC	Error ellipse: s-maj=19.0km s-min=13.8km az=82.0.								
NEIC	Event type fe. Error ellipse: s-maj=11.0km s-min=8.1km az=117.0. Recorded [3 JMA] in Chiba, [2 JMA] in Ibaraki and [1 JMA] in Saitama and Tokyo Prefectures.								
ISC	IV 26 19 53 23.6-6.0	39.44N-04	142.01E-10	96-3	3.7b	45	0-63		
NIED	IV 26 19 53 00	39.40N	141.90E	98	3.8W	¶18646645			
IDC	IV 26 19 53 20.8-2.0	39.34N	141.94E	65-20	3.7,3.5				
ISCJB	IV 26 19 53 22.5-6.2	39.44N-04	142.0E-10	102-3	3.7b,3.5				
MOS	IV 26 19 53 23.7-98	39.49N	141.85E	107	3.8b,3.5				
JMA	IV 26 19 53 24.5-1.0	39.45N	141.93E	93-1	3.7,3.5				
NEIC	IV 26 19 53 25.8-1.9	39.37N	141.86E	114-16	4.0b,3.5				
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=242.00000°,δ61.00000°,λ-86.00000°; NP2:φ=54.00000°,δ29.00000°,λ-96.00000°; M=5.89000×10 ¹⁴								
IDC	Error ellipse: s-maj=27.4km s-min=11.3km az=96.0.								
ISCJB	Event type fe. Error ellipse: s-maj=13.5km s-min=5.9km az=27.8.								
MOS	Error ellipse: s-maj=24.0km s-min=13.8km az=68.4.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=173.00000°,δ70.00000°,λ-99.00000°; Principal axes: T P1g24.0000°, Azm270.0000°; N P1g8.0000°, Azm176.0000°; P P1g64.0000°, Azm69.0000°								
NEIC	Event type se. Error ellipse: s-maj=23.6km s-min=14.8km az=72.0.								
ISC	IV 01 11 58 00.3-1.5	36.65N-04	141.51E-09	27-8	3.2b	22	1-44		
ISCJB	IV 01 11 57 58.5-1.4	36.61N-05	141.61E-08	27-8	3.2b	¶19593994			
IDC	IV 01 11 57 59.8-1.0	36.62N	141.51E	53-3	3.4				
JMA	IV 01 11 58 01.2-2.6	36.50N	141.77E	46-26	3.6,3.5s				
ISCJB	Error ellipse: s-maj=11.4km s-min=7.2km az=38.5.								
JMA	Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.								
IDC	Error ellipse: s-maj=24.4km s-min=15.4km az=75.0.								
JMA	IV 16 05 15 18.4-20	37.00N	141.34E	43-1	3.6	¶19788763			
JMA	Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.								
ISC	VI 24 23 58 50.6-1.3	37.31N-05	141.84E-06	14-7	3.3b	26	1-75		
IDC	IV 24 23 58 47.2-2.2	37.25N	142.09E	0	3.7,3.6b	¶19600398			
ISCJB	VI 24 23 58 49.5-1.4	37.30N-05	141.93E-07	19-8	3.3b,3.6b				
JMA	VI 24 23 58 51.9-2.0	37.29N	141.81E	40-3	3.7,3.6b				
IDC	Error ellipse: s-maj=45.4km s-min=24.8km az=155.0.								
ISCJB	Error ellipse: s-maj=10.0km s-min=6.9km az=56.9.								
JMA	Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.								
ISC	IV 22 18 09 43.8-4.6	35.78N-03	140.29E-05	56-4	4.1b	76	0-86		
NIED	IV 22 18 09 00	35.90N	140.30E	41	3.9W	¶18321007			
MOS	IV 22 18 09 41.7-1.0	35.82N	140.38E	56	4.1b				
ISCJB	IV 22 18 09 43.0-4.7	35.78N-03	140.29E-06	65-3	4.1b				
IDC	IV 22 18 09 43.6-1.7	35.74N	140.25E	51-15	4.4L,4.1				
BJI	IV 22 18 09 43.0	35.70N	140.10E	71	4.8b,4.5b				
JMA	IV 22 18 09 44.3-1.0	35.87N	140.25E	55-1	4.1,4.5b				
NEIC	IV 22 18 09 46.0-1.7	35.73N	140.13E	72-13	4.5b,3.9W				
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=246.00000°,δ76.00000°,λ-22.00000°; NP2:φ=342.00000°,δ69.00000°,λ-165.00000°; M=8.48000×10 ¹⁴								
MOS	Error ellipse: s-maj=19.3km s-min=9.6km az=123.1.								
ISCJB	Event type fe. Error ellipse: s-maj=7.8km s-min=5.1km az=155.4.								
IDC	Error ellipse: s-maj=18.1km s-min=7.1km az=63.0.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=252.00000°,δ57.00000°,λ-36.00000°; NP2: φ=3.00000°,δ60.00000°,λ-142.00000°; Principal axes: T P1g2.0000°, Azm127.0000°; N P1g43.0000°, Azm35.0000°; P P1g47.0000°, Azm219.0000°								
NEIC	Event type se. Error ellipse: s-maj=17.9km s-min=12.3km az=77.0. Moment Tensor Solution. M=8.50000×10 ¹⁴								
ISC	IV 26 07 07 35.3-1.0	36.36N-05	141.8E-10	35	3.7b,3.4s	24	1-56		

ISCJB	IV 26 07 07 33.2-1.0	36.36N-05	142.0E-10	33	3.7b,3.4s	¶19598017			
JMA	IV 26 07 07 34.9-30	36.41N	141.69E	68-4	3.2,3.4s				
NEIC	IV 26 07 07 34.9	36.41N	141.69E	68	3.2,3.4s				
IDC	IV 26 07 07 37.7-7.1	36.24N	141.68E	48-51	3.8L,3.8				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=12.2km s-min=7.1km az=7.2.								
JMA	Error ellipse: s-maj=1.1km s-min=2.7km az=1.0.								
NEIC	Event type se. After JMA.								
IDC	Error ellipse: s-maj=79.7km s-min=18.5km az=76.0.								
ISC	IV 06 06 40 46.6-4.3	36.31N-03	140.73E-06	89-3	4.0b	53	0-65		
MOS	IV 06 06 40 43.3-20	36.40N	140.95E	72	4.2b	¶18504021			

JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=3.6km az=-1.0.									
NEIC	Event type fe. Recorded [2 JMA] in Ibaraki and [1 JMA] in Chiba, Fukushima, Miyagi and Tochigi Prefectures. After JMA. Moment Tensor Solution. M ₀ :4.30000×10 ¹⁶									
HRVD	Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.									
	LP body waves: s40,c55; Mantle waves: s66,c109; Half duration: 0 Moment tensor; Scale 1016 Nm; M ₀ :4.19±.25 Mw:0.49±.15; M _{ww} :3.70±.17; M _{ww} :1.67±.21; M _{ww} :1.46±.11; M _{ww} :3.89±.22; Best double couple: NP1:φ:200.00000°; δ23.00000°; λ87.00000°; NP2:φ:23.00000°; δ68.00000°; λ91.00000°; Principal axes: T 5.9470,Plg67.0000°; Azm295.0000°; N 0.0690,Plg1.0000°; Azm202.0000°; P -6.0190,Plg23.0000°; Azm112.0000°; M ₀ :5.98300×10 ¹⁶									
ISCJB	Event type fe. Error ellipse: s-maj=3.9km s-min=3.0km az=146.2.									
IDC	Error ellipse: s-maj=14.7km s-min=13.0km az=56.0.									
MOS	Error ellipse: s-maj=8.2km s-min=4.9km az=116.2.									
SZGRF	Eastern Honshu, Japan.									
JMA	III	13 04 19 44.0-50	36.09N	141.86E	51	3.6				
JMA	Error ellipse: s-maj=2.2km s-min=4.5km az=-1.0.									
ISC	III	13 04 15 34.5-16	36.10N-03	141.56E-02	35	5.2b,4.8s	495	1-152		
NEIC	III	13 04 15 00	36.10N	141.80E	23	4.9W,4.8b			¶10602842	
BJI	III	13 04 15 31.7	36.21N	141.48E	29	5.4b,5.2s			¶10602838	
HRVD	III	13 04 15 31.8-50	35.98N	142.06E	36-1	5.0W,5.2b				
JMA	III	13 04 15 31.8-20	36.07N	141.67E	56-4	5.1,5.2b				
ISCJB	III	13 04 15 32.5-16	36.06N-03	141.56E-02	33	5.2b,4.8s				
NEIC	III	13 04 15 33.9-16	36.04N	141.53E	34	5.2b,5.0s				
SZGRF	III	13 04 15 33.5	36.13N	141.99E	38	5.2b,5.0s				
MOS	III	13 04 15 34.8-80	36.23N	141.49E	47	5.4b,5.0s				
IDC	III	13 04 15 35.0-1.8	35.98N	141.53E	46-18	4.8,4.7				
ISC	Event type fe.									
NEIC	Moment Tensor Solution. Best double couple: NP1:φ:28.00000°; δ69.00000°; λ91.00000°; NP2:φ:206.00000°; δ22.00000°; λ88.00000°; M ₀ :2.51000×10 ¹⁶									
HRVD	Error ellipse: s-maj=5.6km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.									
	LP body waves: s6,c6; Mantle waves: s54,c88; Half duration: 0 Moment tensor; Scale 1016 Nm; M ₀ :2.63±.42 Mw:0.22±.23; M _{ww} :2.41±.24; M _{ww} :0.83±.16; M _{ww} :1.37±.11; M _{ww} :1.90±.16; Best double couple: NP1:φ:208.00000°; δ27.00000°; λ93.00000°; NP2:φ:24.00000°; δ63.00000°; λ89.00000°; Principal axes: T 3.3050,Plg72.0000°; Azm291.0000°; N 0.4340,Plg1.0000°; Azm25.0000°; P -3.7430,Plg18.0000°; Azm115.0000°; M ₀ :3.52400×10 ¹⁶									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=2.7km az=-1.0.									
ISCJB	Event type fe. Error ellipse: s-maj=3.8km s-min=2.7km az=139.5.									
NEIC	Event type fe. Error ellipse: s-maj=4.6km s-min=3.0km az=170.0. Recorded [2 JMA] in Chiba, Ibaraki and Tochigi; [1 JMA] in Fukushima, Gumma, Miyagi, Saitama and Tokyo Prefectures. Moment Tensor Solution. M ₀ :2.50000×10 ¹⁶									
SZGRF	Near east coast of eastern Honshu, Japan.									
MOS	Error ellipse: s-maj=8.2km s-min=4.5km az=113.9.									
IDC	Error ellipse: s-maj=13.2km s-min=11.3km az=85.0.									
ISC	III	05 13 56 17.2-1.5	36.98N-04	141.75E-09	23-9	3.7b	32	1-74		
NEIC	III	05 13 56 00	37.00N	141.70E	20	3.7W			¶10597881	
MOS	III	05 13 56 15.5-77	36.98N	142.03E	33	4.5b				
JMA	III	05 13 56 17.9-20	36.97N	141.70E	48-3	3.5				
ISCJB	III	05 13 56 17.1-1.1	36.96N-05	141.78E-09	38-9	3.7b				
IDC	III	05 13 56 19.0-3.9	36.96N	141.80E	38-31	3.8,3.7				
NEIC	III	05 13 56 21.6-5.3	36.93N	141.63E	58-38	4.2b,3.7				
ISC	Event type se.									
NEIC	Moment Tensor Solution. Best double couple: NP1:φ:33.00000°; δ73.00000°; λ92.00000°; NP2:φ:205.00000°; δ17.00000°; λ83.00000°; M ₀ :4.03000×10 ¹⁴									
MOS	Error ellipse: s-maj=18.6km s-min=15.8km az=23.2.									
JMA	Error ellipse: s-maj=1.1km s-min=2.7km az=-1.0.									
ISCJB	Event type se. Error ellipse: s-maj=12.0km s-min=7.1km az=32.2.									
IDC	Error ellipse: s-maj=40.8km s-min=20.1km az=86.0.									
NEIC	Event type se. Error ellipse: s-maj=60.2km s-min=17.2km az=70.0.									
ISC	III	25 16 51 55.0-52	36.46N-04	140.63E-07	56-3	3.9b	40	0-74		
NEIC	III	25 16 51 53.9-53	36.44N-04	140.66E-07	63-3	3.9b			¶10610493	
ISCJB	III	25 16 51 56.0-2.9	36.40N	140.69E	67-25	3.9,3.7				
JMA	III	25 16 51 55.0-10	36.45N	140.60E	56-1	3.9,3.7				
NEIC	III	25 16 51 55.5-2.2	36.25N	140.58E	68-11	4.1b,3.7				
NEIC	III	25 16 52 00	36.50N	140.60E	68	4.0W,3.7				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=9.3km s-min=6.2km az=36.5.									
IDC	Error ellipse: s-maj=26.5km s-min=10.0km az=62.0.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ:195.00000°; δ28.00000°; λ92.00000°; NP2:φ:13.00000°; δ62.00000°; λ89.00000°; Principal axes: T Plg73.0000°; Azm281.0000°; N Plg1.0000°; Azm14.0000°; P Plg17.0000°; Azm104.0000°									
NEIC	Event type se. Error ellipse: s-maj=45.2km s-min=14.7km az=164.0.									
NEIC	Moment Tensor Solution. Best double couple: NP1:φ:34.00000°; δ73.00000°; λ104.00000°; NP2:φ:175.00000°; δ22.00000°; λ52.00000°; M ₀ :1.26000×10 ¹⁵									
ISC	III	26 09 47 54.8-91	40.69N-06	142.6E-10	46-10	3.5b	23	1-66		
NEIC	III	26 09 47 52.7	40.68N	142.68E	23	3.5			¶10610943	
NEIC	III	26 09 47 52.6-20	40.68N	142.68E	23-4	3.5				
ISCJB	III	26 09 47 54.1-87	40.69N-05	142.6E-10	53-9	3.5b				
IDC	III	26 09 47 56.4-4.3	40.68N	142.75E	67-22	3.5,3.3b				
ISC	Event type se.									
NEIC	Event type se. After JMA.									
JMA	Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0.									
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=6.2km az=61.7.									
IDC	Error ellipse: s-maj=77.3km s-min=18.5km az=106.0.									
ISC	III	30 16 29 09.1-88	37.19N-05	141.19E-08	89-5	3.2b	34	0-61		
NEIC	III	30 16 29 00	37.20N	141.10E	68	3.7W			¶10613729	
ISCJB	III	30 16 29 08.4-91	37.19N-05	141.18E-08	92-5	3.2b				
JMA	III	30 16 29 10.0-10	37.20N	141.06E	87-1	3.7				
IDC	III	30 16 29 14.0-2.7	37.79N	140.64E	82-22	3.3,3.2s				
ISC	Event type fe.									
NEIC	Moment Tensor Solution. Best double couple: NP1:φ:217.00000°; δ87.00000°; λ-67.00000°; NP2:φ:313.00000°; δ23.00000°; λ-173.00000°; M ₀ :3.74000×10 ¹⁴									
ISCJB	Event type fe. Error ellipse: s-maj=12.1km s-min=5.7km az=64.3.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:305.00000°; δ18.00000°; λ-126.00000°; NP2: φ:163.00000°; δ76.00000°; λ-79.00000°; Principal axes: T Plg30.0000°; Azm244.0000°; N Plg10.0000°; Azm340.0000°; P Plg58.0000°; Azm87.0000°									
IDC	Error ellipse: s-maj=29.4km s-min=17.5km az=109.0.									
ISC	III	31 07 36 26.2-51	40.99N-04	141.42E-08	121-4	3.5b	27	0-65		
IDC	III	31 07 36 24.1-3.1	41.03N	140.94E	104-33	3.5,3.4			¶10614261	
ISCJB	III	31 07 36 25.2-51	40.99N-04	141.43E-08	126-4	3.5b,3.4				
JMA	III	31 07 36 26.6-10	41.01N	141.46E	117-1	3.4,3.4				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=322.3km s-min=20.7km az=110.0.									
ISCJB	Event type fe. Error ellipse: s-maj=10.6km s-min=5.8km az=11.1.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0.									
ISC	III	11 18 51 00.0-90	38.17N-04	141.76E-09	47-9	3.5b	25	0-62		
IDC	III	11 18 50 53.4-1.6	38.14N	141.92E	0	3.7,3.6b			¶10602035	
ISCJB	III	11 18 50 59.0-87	38.17N-05	141.76E-09	57-7	3.5b,3.6b				
JMA	III	11 18 51 00.6-10	38.18N	141.69E	50-1	4.1,3.6b				
NEIC	III	11 18 51 00	38.20N	141.70E	77	3.9W,3.6b				
ISC	Event type fe.									
IDC	Error ellipse: s-maj=44.5km s-min=22.7km az=77.0.									
ISCJB	Event type fe. Error ellipse: s-maj=13.2km s-min=6.2km az=43.4.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:210.00000°; δ25.00000°; λ101.00000°; NP2: φ:18.00000°; δ65.00000°; λ85.00000°; Principal axes: T Plg69.0000°; Azm278.0000°; N Plg5.0000°; Azm20.0000°; P Plg20.0000°; Azm112.0000°									
NEIC	Moment Tensor Solution. Best double couple: NP1:φ:34.00000°; δ68.00000°; λ78.00000°; NP2:φ:243.00000°; δ25.00000°; λ117.00000°; M ₀ :7.52000×10 ¹⁴									
ISC	III	12 11 01 47.3-1.6	36.07N-05	141.75E-07	21-11	3.8b	33	1-70		
NEIC	III	12 11 01 00	36.10N	141.80E	23	3.9W			¶10602430	
JMA	III	12 11 01 46.5-30	36.08N	141.78E	56	3.7				
ISCJB	III	12 11 01 46.5-1.5	36.05N-05	141.82E-07	31-10	3.8b				
MOS	III	12 11 01 46.8-82	36.00N	141.81E	33	4.2b				
NEIC	III	12 11 01 49.4-57	36.06N	141.70E	34	4.0b				
IDC	III	12 11 01 49.6-1.1	36.05N	141.73E	35-7	3.7,3.6				

ISC	Event type se.									
NEIC	Moment Tensor Solution. Best double couple: NP1:φ:23.00000°; δ64.00000°; λ86.00000°; NP2:φ:212.00000°; δ27.00000°; λ98.00000°; M ₀ :7.77000×10 ¹⁴									
JMA	Error ellipse: s-maj=1.1km s-min=2.7km az=-1.0.									
ISCJB	Event type se. Error ellipse: s-maj=9.6km s-min=7.5km az=20.5.									
MOS	Error ellipse: s-maj=24.9km s-min=14.0km az=31.7.									
NEIC	Event type se. Error ellipse: s-maj=13.2km s-min=10.0km az=220.0.									
IDC	Error ellipse: s-maj=24.6km s-min=17.7km az=98.0.									
JMA	III	02 17 42 59.3-10	38.71N	142.24E	38-2	3.6				
ISC	III	19 07 27 44.3-51	38.74N-04	141.70E-08	66-4	3.9b	51	0-146		
NEIC	III	19 07 27 00	38.70N	141.70E	119	4.3W			¶10606432	
ISCJB	III	19 07 27 43.2-51	38.74N-04	141.73E-08	71-3	3.9b				
MOS	III	19 07 27 43.9-95	38.72N	141.70E	82	4.1b				
BJI	III	19 07 27 44.5	38.70N	141.70E	89	5.1b,4.4b				
IDC	III	19 07 27 44.5-2.8	38.69N	141.63E	67-26	3.9,3.8				
JMA	III	19 07 27 44.6	38.75N	141.65E	65-1	4.1,3.8				
NEIC	III	19 07 27 46.6-1.4	38.67N	141.69E	89-14	4.1b,3.8				
ISC	Event type fe.									
NEIC	Moment Tensor Solution. Best double couple: NP1:φ:63.00000°; δ85.00000°; λ56.00000°; NP2:φ:325.00000°; δ34.00000°; λ171.00000°; M ₀ :3.63000×10 ¹⁵									
ISCJB	Event type fe. Error ellipse: s-maj=10.9km s-min=5.7km az=45.3.									
MOS	Error ellipse: s-maj=19.3km s-min=10.0km az=71.8.									
IDC	Error ellipse: s-maj=23.1km s-min=15.1km az=113.0.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ:353.00000°; δ24.00000°; λ74.00000°; NP2:φ:190.00000°; δ67.00000°; λ97.00000°; Principal axes: T Plg67.0000°; Azm113.0000°; N Plg6.0000°; Azm28.0000°; P Plg22.0000°; Azm275.0000°									
NEIC	Event type fe. Error ellipse: s-maj=17.1km s-min=14.2km az=121.0. Recorded [2 JMA] in Iwate, [2 JMA] in Miyagi and [1 JMA] in Yamagata Prefectures.									
ISC	III	19 13 47 10.4-82	38.84N-05	141.69E-10	70-4	3.9b	27	0-155		
NEIC	III	19 13 47 00	38.80N	141.60E	53	4.1W			¶10606593	
ISCJB	III	19 13 47 09.4-85	38.84N-05	141.7E-10	76-4	3.9b				
JMA	III	19 13 47 10.7	38.82							

SZGRF Near east coast of eastern Honshu, Japan.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=30.0000°,λ=82.0000°,λ-68.0000°. NP2:φ=186.0000°,λ=100.0000°. Principal axes: T P1g20.0000°,Azm284.0000°; N P1g10.0000°,Azm191.0000°; P P1g68.0000°,Azm76.0000°

ISCJB Event type fe. Error ellipse: s-maj=5.1km s-min=4.2km az=102.5.
 MOS Error ellipse: s-maj=6.8km s-min=6.0km az=108.6.
 NEIC Error ellipse: s-maj=5.4km s-min=3.5km az=157.0. Recorded [3 JMA] in Fukushima and Miyagi; [2 JMA] in Ibaraki and Tochigi; [1 JMA] in Gumma, Iwate, Saitama and Yamagata Prefectures. Moment Tensor Solution. M0.9.20000×10¹⁵
 Error ellipse: s-maj=12.0km s-min=8.6km az=104.0

IDC
 ISC III 30 21 07 15-16 36.96N-03 141.78E-07 35 3.7b 37 1-74
 NIED III 30 21 07 00 36.90N 141.80E 35 3.8W
 ISCJB III 30 21 07 16.5-64 36.94N-03 141.94E-07 33 3.8b
 JMA III 30 21 07 18.0-30 36.95N 141.76E 49-4 3.9
 IDC III 30 21 07 19.2-4.7 36.94N 141.83E 35-35 3.8,3.7
 NEIC III 30 21 07 22.4-4.2 36.88N 141.58E 60-30 4.3b,3.7

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=22.0000°,λ=85.0000°. NP2:φ=217.0000°,λ=104.0000°. M0.5.37000×10¹⁴
 Error ellipse: s-maj=7.5km s-min=4.8km az=172.2.

ISCJB Event type fe. Error ellipse: s-maj=1.1km s-min=3.6km az=-1.0.
 JMA Error ellipse: s-maj=37.1km s-min=15.7km az=85.0.
 IDC Error ellipse: s-maj=47.2km s-min=11.5km az=72.0.
 NEIC
 JMA III 19 19 21 54.6-10 38.77N 142.31E 42-1 3.6
 Event type fe. JMA III 27 14 10 50.6-10 40.07N 142.10E 38-1 3.7
 NIED III 27 14 10 00 40.10N 142.10E 56 3.6W
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=36.0000°,λ=89.0000°,λ=0.0000°. NP2:φ=306.0000°,λ=89.0000°,λ=159.0000°. Principal axes: T P1g15.0000°,Azm259.0000°; N P1g69.0000°,Azm126.0000°; P P1g15.0000°,Azm353.0000°

NIED Moment Tensor Solution. Best double couple: NP1:φ=51.0000°,λ=59.0000°. NP2:φ=278.0000°,λ=44.0000°,λ=128.0000°. M0.2.85000×10¹⁴
 ISCJB IV 22 11 54 32.5-50 36.00N-03 140.13E-05 70-5 3.4b 34 0-56
 NIED IV 22 11 54 31.8-50 36.00N-03 140.13E-05 76-5 3.4b
 JMA IV 22 11 54 32.6-10 36.03N 140.08E 64-1 2.8
 IDC IV 22 11 54 32.1-4.6 36.06N 140.23E 76-33 3.5,3.3

ISCJB Error ellipse: s-maj=6.6km s-min=4.4km az=0.9.
 JMA Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 IDC Error ellipse: s-maj=5.6km s-min=9.0km az=60.0.
 ISC III 02 15 52 32-84 38.75N-04 142.20E-08 44-6 4.2b,3.8s 94 1-78
 NIED III 02 15 52 00 38.70N 142.30E 53 4.1W,3.8s
 IDC III 02 15 52 27.8-86 38.64N 142.10E 0 4.0,3.9
 BJI III 02 15 52 30.6 39.02N 142.16E 22 4.6b,4.4b
 MOS III 02 15 52 30.8-1.3 38.70N 142.37E 33 4.3b,4.4b
 ISC III 02 15 52 33.0-82 38.72N-04 142.24E-08 51-5 4.2b,3.8s
 JMA III 02 15 52 33.1-10 38.70N 142.26E 39-2 4.4,3.8s
 NEIC III 02 15 52 34.0-1.2 38.79N 142.17E 38-10 4.5b,4.1W

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=22.0000°,λ=107.0000°. NP2:φ=131.0000°,λ=2.0000°. M0.1.75000×10¹⁵
 Error ellipse: s-maj=26.3km s-min=18.9km az=80.0.
 MOS Error ellipse: s-maj=11.7km s-min=7.9km az=100.2.

ISCJB Event type fe. Error ellipse: s-maj=10.9km s-min=5.5km az=48.0.
 JMA Event type fe.
 NEIC Event type fe. Error ellipse: s-maj=14.2km s-min=8.8km az=110.0. Recorded [1 JMA] in Iwate and Miyagi Prefectures. Moment Tensor Solution. M0.1.80000×10¹⁵

ISC VI 08 21 07 19.7-47 35.34N-03 140.70E-05 36-4 4.2b,3.6s 78 0-148
 NIED VI 08 21 07 00 35.40N 140.70E 38 4.3W,3.6s
 IDC VI 08 21 07 15.2-86 35.41N 140.63E 0 4.2L,4.2
 ISCJB VI 08 21 07 19.1-41 35.35N-03 140.67E-05 47-3 4.2b,3.6s
 JMA VI 08 21 07 19.0-10 35.39N 140.67E 48-2 4.2,3.6s
 BJI VI 08 21 07 21.3 35.50N 140.60E 41 4.7b,4.4b
 NEIC VI 08 21 07 21.3-2.1 35.45N 140.59E 42-14 4.3b,4.4b
 MOS VI 08 21 07 30.4-1.1 36.34N 139.96E 79 4.5b,4.4b

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=22.0000°,λ=116.0000°. NP2:φ=246.0000°,λ=53.0000°. M0.3.45000×10¹⁵
 Error ellipse: s-maj=29.7km s-min=16.0km az=72.0.

IDC
 ISCJB Event type fe. Error ellipse: s-maj=7.3km s-min=5.4km az=172.7.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=260.0000°,λ=67.0000°. NP2:φ=54.0000°,λ=102.0000°. Principal axes: T P1g19.0000°,Azm153.0000°; N P1g11.0000°,Azm59.0000°; P P1g68.0000°,Azm302.0000°

NEIC Event type fe. Error ellipse: s-maj=22.9km s-min=18.0km az=54.0. Recorded [2 JMA] in Chiba Prefecture.
 Error ellipse: s-maj=14.1km s-min=8.2km az=123.0.

MOS VI 11 07 46 41.6-30 40.82N-03 141.28E-06 102-2 4.0b 74 0-71
 NIED VI 11 07 46 00 40.80N 141.10E 86 3.9W
 ISCJB VI 11 07 46 40.5-31 40.81N-03 141.27E-06 108-2 4.0b
 MOS VI 11 07 46 40.5-1.1 40.84N 141.23E 107 4.2b
 JMA VI 11 07 46 41.8-10 40.81N 141.14E 100-1 3.7
 BJI VI 11 07 46 41.7 40.83N 141.24E 132 4.9b,4.6b
 IDC VI 11 07 46 42.9-1.3 40.80N 141.23E 115-12 4.0,3.7
 NEIC VI 11 07 46 43.1-80 40.80N 141.12E 114-8 4.2b,3.7

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=34.0000°,λ=139.0000°. NP2:φ=302.0000°,λ=2.0000°. M0.7.60000×10¹⁴
 Error ellipse: s-maj=8.1km s-min=4.2km az=29.3.

ISCJB Event type fe. Error ellipse: s-maj=17.6km s-min=7.6km az=76.0.
 MOS Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=287.0000°,λ=12.0000°. NP2:φ=26.0000°,λ=132.0000°. Principal axes: T P1g25.0000°,Azm147.0000°; N P1g41.0000°,Azm33.0000°; P P1g38.0000°,Azm259.0000°

IDC Error ellipse: s-maj=23.0km s-min=9.3km az=105.0.
 NEIC Event type fe. Error ellipse: s-maj=11.7km s-min=7.6km az=102.0. Recorded [1 JMA] in Aomori and Iwate Prefectures. Also recorded [1 JMA] in south-central Hokkaido.

ISC VI 16 07 33 21.7-41 34.67N-03 140.52E-04 44-3 4.5b,3.7s 104 0-148
 NIED VI 16 07 33 00 34.70N 140.60E 47 4.5W,3.7s
 MOS VI 16 07 33 18.8-81 34.64N 140.66E 44 4.5b,3.7s
 JMA VI 16 07 33 19.9-10 34.72N 140.65E 55-1 4.6,3.7s
 BJI VI 16 07 33 19.1 34.71N 140.52E 43 4.7b,4.7b
 ISCJB VI 16 07 33 20.9-39 34.67N-03 140.52E-04 54-3 4.5b,3.7s
 NEIC VI 16 07 33 21.8-1.1 34.63N 140.46E 49-8 5.0b,4.5W
 IDC VI 16 07 33 22.6-1.7 34.69N 140.51E 55-14 4.3,4.2

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=346.0000°,λ=87.0000°. NP2:φ=175.0000°,λ=21.0000°. M0.6.80000×10¹⁵
 Error ellipse: s-maj=18.3km s-min=7.9km az=121.9.

MOS Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 JMA Event type fe. Error ellipse: s-maj=5.6km s-min=5.3km az=153.4.
 ISCJB Event type fe. Error ellipse: s-maj=9.9km s-min=7.0km az=80.0. Recorded [1 JMA] in Chiba, Shizuoka and Tokyo Prefectures. Moment Tensor Solution. M0.6.80000×10¹⁵
 Error ellipse: s-maj=20.1km s-min=6.5km az=79.0.

IDC VI 17 07 38 03.5-62 40.17N-04 142.53E-06 38-5 4.3b,3.4s 83 1-81
 NIED VI 17 07 38 00 40.10N 142.50E 38 4.2W,3.4s
 ISCJB VI 17 07 38 02.1-64 40.19N-04 142.58E-06 43-5 4.3b,3.4s
 JMA VI 17 07 38 03.8-10 40.15N 142.46E 35-1 3.8,3.4s
 MOS VI 17 07 38 03.0-95 40.21N 142.70E 55 4.5b,3.4s
 IDC VI 17 07 38 04.2-98 40.17N 142.53E 46-6 4.1,4.0
 NEIC VI 17 07 38 10.4-1.2 40.67N 141.11E 46 4.4b,4.0
 BJI VI 17 07 38 12.0 40.47N 140.95E 45 4.6b,4.4b

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=39.0000°,λ=107.0000°. NP2:φ=156.0000°,λ=22.0000°. M0.1.92000×10¹⁵
 Error ellipse: s-maj=8.7km s-min=4.9km az=57.1.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
 MOS Error ellipse: s-maj=11.3km s-min=6.6km az=98.0.
 IDC Error ellipse: s-maj=37.2km s-min=12.1km az=88.0.

NEIC Event type fe. Error ellipse: s-maj=33.0km s-min=13.0km az=99.0. Recorded [1 JMA] in Aomori and Iwate Prefectures.
 ISC VI 17 20 30 09.6-82 40.38N-04 142.0E-10 57-6 3.5b 25 0-71
 NIED VI 17 20 30 00 40.40N 142.10E 65 3.7W
 ISCJB VI 17 20 30 08.5-82 40.38N-04 142.0E-10 62-6 3.5b
 NEIC VI 17 20 30 09.2 40.35N 142.08E 50 3.7
 JMA VI 17 20 30 09.1-10 40.35N 142.08E 50-1 3.7
 IDC VI 17 20 30 11.0-3.4 40.42N 142.03E 74-20 3.6,3.4b

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=84.0000°,λ=86.0000°. NP2:φ=204.0000°,λ=43.0000°,λ=38.0000°. M0.4.32000×10¹⁴
 Error ellipse: s-maj=13.9km s-min=6.4km az=13.4.

ISCJB Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
 JMA Event type fe. Error ellipse: s-maj=63.7km s-min=17.5km az=12.0.
 IDC Error ellipse: s-maj=19.21 47 10.8-29 35.74N-02 140.08E-03 69-2 4.7b 354 0-152
 ISC VI 19 21 47 10.8-29 35.74N-02 140.08E-03 69-2 4.7b
 NIED VI 19 21 47 00 35.80N 140.10E 68 4.7W
 SZGRF VI 19 21 47 07.1 36.29N 140.78E 33 5.0b
 JMA VI 19 21 47 10.7-10 35.81N 140.11E 66-2 4.6
 BJI VI 19 21 47 10.0 35.79N 140.16E 94 4.8b,4.7b
 ISCJB VI 19 21 47 10.1-29 35.72N-02 140.03E-03 75-2 4.7b,4.7b
 HRVD VI 19 21 47 12.2-90 35.61N 140.26E 85-4 4.8W,4.7b
 IDC VI 19 21 47 12.4-10 35.59N 139.99E 85-9 4.6,4.4
 MOS VI 19 21 47 12.7-83 36.04N 139.90E 82 4.8b,4.4
 NEIC VI 19 21 47 12.2-60 35.72N 139.99E 81-4 4.8b,4.7W

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=353.0000°,λ=86.0000°. NP2:φ=182.0000°,λ=24.0000°,λ=98.0000°. M0.1.33000×10¹⁶
 Near east coast of eastern Honshu, Japan.

SZGRF JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=178.0000°,λ=89.0000°. NP2:φ=7.0000°,λ=193.0000°. Principal axes: T P1g64.0000°,Azm282.0000°; N P1g3.0000°,Azm186.0000°; P P1g26.0000°,Azm95.0000°

ISCJB Event type fe. Error ellipse: s-maj=4.5km s-min=3.9km az=149.9.
 HRVD Error ellipse: s-maj=7.8km s-min=4.4km az=-1.0. n1a2 refers to body waves, cutoff=40s. l1a2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s12,c16; Mantle waves: s47,c66; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M0=1.85±16 M00=0.35±13; M01=2.20±12; M02=0.06±10; M03=0.39±16; M04=0.70±12; Best double couple: NP1:φ=195.0000°,λ=836.0000°,λ=100.0000°. NP2:φ=3.0000°,λ=854.0000°,λ=83.0000°. Principal axes: T 1.9750, P1g79.0000°,Azm246.0000°; N 0.3960, P1g6.0000°,Azm7.0000°; P -2.3680, P1g9.0000°,Azm98.0000°. M0.2.17200×10¹⁶
 Error ellipse: s-maj=15.1km s-min=6.4km az=68.0.
 IDC Error ellipse: s-maj=9.6km s-min=4.4km az=117.8.
 MOS Error ellipse: s-maj=5.3km s-min=4.4km az=93.0. Felt [III] at Tokyo and [II] at Yokosuka. Recorded [3 JMA] in Kanagawa, Saitama and Tokyo; [2 JMA] in Chiba, Gumma, Ibaraki, Shizuoka, Tochigi and Yamaguchi; [1 JMA] in Fukushima and Nagano Prefectures. Moment Tensor Solution. M0.1.30000×10¹⁶

ISC VI 13 11 03 52.9-94 37.41N-03 141.20E-07 21-6 3.5b 41 0-74
 NIED VI 13 11 03 00 37.40N 141.10E 23 3.5W
 ISCJB VI 13 11 03 51.9-85 37.40N-03 141.27E-06 27-4 3.5b
 NEIC VI 13 11 03 53.9 37.42N 141.11E 28 4.0
 IDC VI 13 11 03 53.9-2.2 37.29N 141.53E 51-21 3.6,3.4L
 JMA VI 13 11 03 53.8 37.42N 141.11E 28-1 3.9,3.4L
 MOS VI 13 11 03 56.3-91 37.87N 140.72E 33 4.3b,3.4L

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=45.0000°,λ=83.0000°,λ=95.0000°. NP2:φ=190.0000°,λ=88.0000°,λ=55.0000°. M0.2.18000×10¹⁴
 Error ellipse: s-maj=8.8km s-min=4.5km az=37.1.

ISCJB Event type fe. Recorded [2 JMA] in Fukushima Prefecture. After JMA.
 IDC Error ellipse: s-maj=20.7km s-min=13.2km az=109.0.
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=254.0000°,λ=113.0000°. NP2:φ=51.0000°,λ=81.0000°,λ=86.0000°. Principal axes: T P1g54.0000°,Azm316.0000°; N P1g4.0000°,Azm51.0000°; P P1g36.0000°,Azm144.0000°

MOS Error ellipse: s-maj=24.7km s-min=15.9km az=51.2.
 ISC VI 16 14 21 20.6-43 34.64N-03 140.53E-04 44-3 4.7b,3.7s 139 0-153
 NIED VI 16 14 21 00 34.70N 140.60E 47 4.5W,3.7s
 MOS VI 16 14 21 17.3-97 34.55N 140.48E 33 4.7b,3.7s
 JMA VI 16 14 21 19.5-10 34.73N 140.65E 54-2 4.6,3.7s
 ISCJB VI 16 14 21 19.6-41 34.63N-03 140.53E-04 54-3 4.7b,3.7s
 NEIC VI 16 14 21 20.9-92 34.62N 140.39E 48-7 4.9b,4.4W
 BJI VI 16 14 21 20.9 34.60N 140.40E 47 4.7b,4.6b
 IDC VI 16 14 21 21.9-1.7 34.60N 140.43E 56-13 4.4,4.3

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=349.0000°,λ=88.0000°. NP2:φ=176.0000°,λ=21.0000°,λ=96.0000°. M0.5.52000×10¹⁵
 Error ellipse: s-maj=12.9km s-min=6.5km az=114.8.

MOS Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=173.0000°,λ=828.0000°,λ=79.0000°. NP2:φ=5.0000°,λ=862.0000°,λ=96.0000°. Principal axes: T P1g72.0000°,Azm288.0000°; N P1g5.0000°,Azm183.0000°; P P1g17.0000°,Azm91.0000°

ISCJB Event type fe. Error ellipse: s-maj=6.0km s-min=5.1km az=158.2.
 NEIC Event type fe. Error ellipse: s-maj=7.8km s-min=5.2km az=98.0. Recorded [2 JMA] in Chiba and [1 JMA] in Kanagawa, Shizuoka and Tokyo Prefectures. Moment Tensor Solution. M0.5.50000×10¹⁵
 Error ellipse: s-maj=20.3km s-min=6.5km az=76.0.

IDC VI 17 04 51 35.4-23 40.16N-02 142.43E-03 47 4.7b,4.0s 260 0-148
 NIED VI 17 04 51 00 40.10N 142.50E 61 4.5W,4.0s
 BJI VI 17 04 51 33.1 40.22N 142.69E 44 4.8b,4.6b
 ISCJB VI 17 04 51 33.8-23 40.18N-02 142.47E-03 45 4.7b,4.0s
 JMA VI 17 04 51 34.3-10 40.14N 142.46E 35-1 4.6,4.0s
 IDC VI 17 04 51 35.0-68 40.14N 142.42E 44-5 4.5,4.3
 NEIC VI 17 04 51 35.4-21 40.18N 142.51E 45 4.7b,4.5W
 MOS VI 17 04 51 37.7-88 40.30N 142.15E 69 4.9b,4.5W
 SZGRF VI 17 04 51 40.4 40.72N 142.26E 45 4.5b,4.5W

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=20.0000°,λ=89.0000°,λ=96.0000°. NP2:φ=184.0000°,λ=21.0000°,λ=75.0000°. M0.6.50000×10¹⁵
 Error ellipse: s-maj=4.2km s-min=2.7km az=74.4.

ISCJB Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=342.0000°,λ=81.0000°,λ=57.0000°. NP2:φ=198.0000°,λ=84.0000°,λ=108.0000°. Principal axes: T P1g66.0000°,Azm141.0000°; N P1g16.0000°,Azm10.0000°; P P1g17.0000°,Azm275.0000°

IDC Error ellipse: s-maj=19.3km s-min=11.3km az=92.0.
 NEIC Event type fe. Error ellipse: s-maj=5.9km s-min=3.9km az=131.0. Recorded [2 JMA] in Aomori and Iwate; [1 JMA] in Akita and Miyagi Prefectures. Also recorded [1 JMA] in southwestern Hokkaido. Moment Tensor Solution. M0.6.50000×10¹⁵
 Error ellipse: s-maj=9.6km s-min=5.0km az=109.8.

MOS SZGRF Near east coast of eastern Honshu, Japan.
 ISC VI 29 11 09 04.4-53 35.59N-04 140.14E-06 72-5 3.5b 35 0-59
 NIED VI 29 11 09 00 35.70N 140.20E 74 3.7W
 ISCJB VI 29 11 09 03.5-56 35.58N-04 140.13E-06 80-5 3.5b
 IDC VI 29 11 09 03.8-20 35.57N 140.22E 63-16 3.8,3.6
 NEIC VI 29 11 09 04.4 35.67N 140.13E 67 3.7,3.6
 JMA VI 29 11 09 04.4-10 35.67N 140.13E 67-2 3.7,3.6

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=358.0000°,λ=87.0000°,λ=85.0000°. NP2:φ=192.0000°,λ=83.0000°,λ=103.0000°. M0.4.45000×10¹⁴
 Error ellipse: s-maj=9.4km s-min=5.3km az=115.0.

ISCJB Event type fe. Error ellipse: s-maj=27.4km s-min=7.1km az=66.0.
 IDC Event type fe. After JMA.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=211.0000°,λ=816.0000°,λ=126.0000°. NP2:φ=354.0000°,λ=877.0000°,λ=80.0000°. Principal axes: T P1g57.0000°,Azm251.0000°; N P1g10.0000°,Azm356.0000°; P P1g31.0000°,Azm92.0000°

ISC VI 30 23 28 14.8-10 38.55N-02 141.98E-02 42 5.5b,4.7s 977 1-156
 NIED VI 30 23 28 00 38.40N 142.20E 44 5.2W,4.7s
 IDC VI 30 23 28 08.0-42 38.42N 142.04E 0 5.2b,5.2
 CSEM VI 30 23 28 08.8 38.56N 141.94E 10 5.5b,5.2
 BJI VI 30 23 28 10.2 38.41N 142.11E 34 5.5b,5.2b
 BGS VI 30 23 28 11.6-1.2 38.04N 141.88E 33-0 5.4b,5.2b

ISCJB	VI	30 23 28 13.0-10	38.50N-02	142.02E-02	40	5.5b,4.7s			
HRVD	VI	30 23 28 13.2-20	38.49N	142.28E	50-0	5.2W,4.7s			
JMA	VI	30 23 28 13.2-10	38.47N	142.16E	40-1	5.3,4.7s			
NEIC	VI	30 23 28 13.2	38.47N	142.16E	40	5.4b,5.2W			
MOS	VI	30 23 28 13.2-74	38.65N	142.00E	37	5.7b,4.8s			
SZGRF	VI	30 23 28 19.6	39.34N	142.25E	43	5.8b,4.9s			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=22.00000°,δ72.00000°,λ94.00000°. NP2:φ=189.00000°,δ18.00000°,λ77.00000°. M:6.72000×10 ¹⁶								
IDC	Error ellipse: s-maj=15.5km s-min=12.2km az=101.0.								
BGS	Error ellipse: s-maj=157.7km s-min=498.0km az=1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=2.8km s-min=1.8km az=136.6.								
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
LP body waves: s62,c99; Mantle waves: s75,c114; Half duration: 1s0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:6.35±19 Mww:0.58±13; Mww:5.77±13; Mw:1.67±12; Mw:1.83±10; Mw:3.91±11; Best double couple: NP1:φ=195.00000°,δ28.00000°,λ85.00000°. NP2:φ=21.00000°,δ62.00000°,λ93.00000°. Principal axes: T 7.6510,Plg73.0000°,Azm298.0000°; N -0.0150,Plg3.0000°,Azm199.0000°; P -7.6330,Plg17.0000°,Azm109.0000°; M:7.64200×10 ¹⁶									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=198.00000°,δ34.00000°,λ65.00000°. NP2:φ=48.00000°,δ59.00000°,λ106.00000°. Principal axes: T Plg71.0000°,Azm355.0000°; N Plg14.0000°,Azm219.0000°; P Plg13.0000°,Azm128.0000°								
NEIC	Event type fe. Recorded [3 JMA] in Iwate and Miyagi; [2 JMA] in Akita, Aomori, Fukushima and Yamagata; [1 JMA] in Ibaraki, Kanagawa and Tochigi Prefectures. After JMA. Moment Tensor Solution. M:6.70000×10 ¹⁶								
MOS	Error ellipse: s-maj=7.0km s-min=3.5km az=109.5.								
SZGRF	Near east coast of eastern Honshu, Japan.								
ISC	III	05 09 34 59.6-2.1	35.94N-05	141.64E-10	16-11	3.3b	20	1-45	
ISCJB	III	05 09 35 01.2-2.1	35.94N-05	141.6E-10	36-18	3.3b		110597778	
JMA	III	05 09 35 01.2-20	35.93N	141.54E	43-3	3.0			
NEIC	III	05 09 35 01.3	35.93N	141.54E	43	3.0			
IDC	III	05 09 35 17.9-3.0	37.68N	139.24E	0	3.8,3.5b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=14.7km s-min=8.7km az=165.8.								
JMA	Error ellipse: s-maj=1.1km s-min=2.7km az=1.0.								
NEIC	Event type se. After JMA.								
IDC	Error ellipse: s-maj=71.2km s-min=34.9km az=73.0.								
ISC	III	11 11 28 53.6-1.5	38.72N-05	142.2E-10	30-7	3.3b	21	1-59	
NIED	III	11 11 28 00	38.70N	142.30E	41	3.7W		110601792	
ISCJB	III	11 11 28 52.4-1.6	38.70N-05	142.3E-10	31-8	3.3b			
JMA	III	11 11 28 53.0-10	38.70N	142.25E	39-2	3.6			
IDC	III	11 11 28 59.6-1.4	39.34N	140.39E	0	3.7s,3.7			
NEIC	III	11 11 29 00.6-10	39.35N	140.37E	6-66	3.6,3.7			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=52.00000°,δ86.00000°,λ96.00000°. NP2:φ=179.00000°,δ7.00000°,λ37.00000°. M:3.66000×10 ¹⁴								
ISCJB	Event type se. Error ellipse: s-maj=14.2km s-min=6.6km az=38.8.								
IDC	Error ellipse: s-maj=41.4km s-min=27.4km az=106.0.								
NEIC	Event type se. Error ellipse: s-maj=31.8km s-min=22.1km az=99.0.								
ISC	III	11 22 06 45.3-4.0	40.14N-02	142.39E-04	45-3	5.0b,4.5s	388	0-155	
NIED	III	11 22 06 00	40.10N	142.50E	41	5.0W,4.5s		110602130	
BJI	III	11 22 06 37.8	40.07N	142.73E	23	5.0b,5.0b			
NEIC	III	11 22 06 39.1-69	40.08N	142.36E	3-4	5.0W,5.0b			
HRVD	III	11 22 06 39.1-40	40.16N	142.57E	49-1	5.0W,5.0b			
SZGRF	III	11 22 06 39.4	38.88N	142.67E	33	5.2b,4.4s			
ISCJB	III	11 22 06 44.5-37	40.13N-03	142.35E-04	51-2	5.0b,4.5s			
MOS	III	11 22 06 44.2-77	40.35N	142.25E	37	5.2b,4.6s			
JMA	III	11 22 06 44.0-10	40.12N	142.45E	35-1	5.0,4.6s			
IDC	III	11 22 06 46.5-2.1	40.05N	142.41E	60-18	4.6,4.4			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=22.00000°,δ73.00000°,λ89.00000°. NP2:φ=206.00000°,δ17.00000°,λ93.00000°. M:3.77000×10 ¹⁶								
ISCJB	Event type fe. Error ellipse: s-maj=5.9km s-min=4.9km az=123.0. Recorded [3 JMA] in Aomori and Iwate; [2 JMA] in Miyagi; [1 JMA] in Akita Prefectures. Also recorded [2 JMA] in south-central Hokkaido. Moment Tensor Solution. M:3.80000×10 ¹⁶								
HRVD	Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
LP body waves: s40,c52; Mantle waves: s74,c118; Half duration: 1.00s; Moment tensor: Scale 10 ¹⁶ Nm; Mr:3.38±22 Mww:0.15±14; Mww:3.23±15; Mw:1.21±10; Mw:1.00±11; Mw:2.46±13; Best double couple: NP1:φ=190.00000°,δ26.00000°,λ79.00000°. NP2:φ=23.00000°,δ64.00000°,λ96.00000°. Principal axes: T 4.3570,Plg70.0000°,Azm304.0000°; N 0.1030,Plg5.0000°,Azm200.0000°; P -4.4630,Plg19.0000°,Azm108.0000°; M:4.41000×10 ¹⁶									
SZGRF	Near east coast of eastern Honshu, Japan.								
ISCJB	Event type fe. Error ellipse: s-maj=5.1km s-min=3.6km az=73.1.								
MOS	Error ellipse: s-maj=9.0km s-min=4.5km az=109.0.								
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=198.00000°,δ34.00000°,λ103.00000°. NP2:φ=3.00000°,δ57.00000°,λ82.00000°. Principal axes: T Plg76.0000°,Azm248.0000°; N Plg7.0000°,Azm8.0000°; P Plg12.0000°,Azm99.0000°								
IDC	Error ellipse: s-maj=14.6km s-min=11.6km az=100.0.								
ISC	III	13 03 00 41.3-27	36.07N-03	141.65E-04	37	4.7b,4.3s	170	1-147	
NIED	III	13 03 00 00	36.10N	141.90E	23	4.6W,4.3s		110602797	
IDC	III	13 03 00 35.6-61	36.03N	141.66E	0	4.5,4.5			
BJI	III	13 03 00 37.9	36.20N	141.64E	27	5.0b,4.7b			
NEIC	III	13 03 00 38.1	36.05N	141.77E	58	4.7b,4.6W			
JMA	III	13 03 00 38.0-30	36.05N	141.77E	58	4.7,4.6W			
ISCJB	III	13 03 00 39.3-26	36.05N-03	141.71E-03	35	4.7b,4.3s			
MOS	III	13 03 00 42.3-81	36.19N	141.49E	54	5.0b,4.3s			
SZGRF	III	13 03 00 51.8	38.05N	141.15E	33	4.6b,4.3s			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=25.00000°,δ69.00000°,λ81.00000°. NP2:φ=230.00000°,δ23.00000°,λ113.00000°. M:9.47000×10 ¹⁵								
IDC	Error ellipse: s-maj=18.3km s-min=13.8km az=112.0.								
NEIC	Event type fe. Recorded [1 JMA] in Fukushima and Ibaraki Prefectures. After JMA. Moment Tensor Solution. M:9.50000×10 ¹⁵								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=2.7km az=1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=4.2km s-min=3.6km az=112.7.								
MOS	Error ellipse: s-maj=10.9km s-min=6.4km az=120.1.								
SZGRF	Near east coast of eastern Honshu, Japan.								
ISC	III	13 03 41 21.4-49	36.23N-04	140.12E-06	60-4	3.8b	45	0-83	
NIED	III	13 03 41 00	36.30N	140.10E	59	4.1W		110602819	
MOS	III	13 03 41 19.8-68	36.13N	140.13E	70	4.2b			
ISCJB	III	13 03 41 20.3-51	36.22N-04	140.15E-07	66-4	3.8b			
NEIC	III	13 03 41 21.5	36.24N	140.10E	56	4.2b			
JMA	III	13 03 41 21.4-10	36.24N	140.10E	56-1	4.1			
IDC	III	13 03 41 22.2-1.6	36.19N	140.01E	66-15	3.9,3.8			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=51.00000°,δ73.00000°,λ70.00000°. NP2:φ=282.00000°,δ26.00000°,λ138.00000°. M:1.62000×10 ¹⁵								
MOS	Error ellipse: s-maj=19.3km s-min=12.7km az=132.4.								
ISCJB	Event type fe. Error ellipse: s-maj=8.8km s-min=6.4km az=165.4.								
NEIC	Event type se. After JMA.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=264.00000°,δ22.00000°,λ139.00000°. NP2:φ=32.00000°,δ76.00000°,λ73.00000°. Principal axes: T Plg56.0000°,Azm281.0000°; N Plg16.0000°,Azm37.0000°; P Plg29.0000°,Azm136.0000°								
IDC	Error ellipse: s-maj=20.6km s-min=11.0km az=78.0.								
ISC	III	13 06 55 52.5-20	36.02N-03	141.60E-03	33	4.8b,4.4s	235	1-147	
BJI	III	13 06 55 49.1	35.95N	141.38E	20	5.0b,4.8b		110602894	
JMA	III	13 06 55 49.8-20	36.05N	141.73E	56-4	4.9,4.8b			
ISCJB	III	13 06 55 50.6-20	36.01N-03	141.60E-03	31	4.8b,4.4s			
IDC	III	13 06 55 50.1-4.2	35.98N	141.68E	19-26	4.5,4.4			
NEIC	III	13 06 55 52.4-25	35.98N	141.59E	32	4.8b,4.7W			
MOS	III	13 06 55 54.5-86	36.31N	141.46E	52	5.1b,3.4s			
SZGRF	III	13 06 55 54.3	35.92N	140.83E	28	5.0b,4.5s			
NIED	III	13 06 56 00	36.10N	141.80E	23	4.8W,4.5s			
ISC	Event type fe.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=2.7km az=1.0.								

ISCJB	Event type fe. Error ellipse: s-maj=4.0km s-min=3.2km az=158.8.								
IDC	Error ellipse: s-maj=15.8km s-min=12.9km az=97.0.								
NEIC	Event type fe. Error ellipse: s-maj=6.9km s-min=5.1km az=170.0. Recorded [1 JMA] in Chiba, Fukushima, Ibaraki and Tochigi Prefectures. Moment Tensor Solution. M:1.60000×10 ¹⁶								
MOS	Error ellipse: s-maj=8.6km s-min=5.2km az=110.2.								
SZGRF	Near east coast of eastern Honshu, Japan.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=25.00000°,δ68.00000°,λ84.00000°. NP2:φ=222.00000°,δ23.00000°,λ106.00000°. M:1.62000×10 ¹⁶								
ISC	III	02 22 04 25.5-80	35.99N-07	140.35E-07	49-8	3.0b	18	0-56	
ISCJB	III	02 22 04 24.6-80	36.00N-07	140.36E-07	57-7	3.0b		110596101	
IDC	III	02 22 04 24.6-6.7	36.14N	140.57E	52-52	3.2,3.1			
JMA	III	02 22 04 26.1-10	35.98N	140.26E	44-1	2.8,3.1			
ISCJB	Error ellipse: s-maj=11.9km s-min=9.0km az=19.5.								
IDC	Error ellipse: s-maj=53.8km s-min=27.3km az=61.0.								
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.								
ISC	III	03 22 33 40.6-1.5	38.25N-07	141.9E-10	38-34	15	0-1		
NIED	III	03 22 33 00	38.30N	141.90E	26	3.5W		110596827	
ISCJB	III	03 22 33 40.4-1.4	38.25N-07	141.9E-10	45-28	3.5W			
JMA	III	03 22 33 40.9-10	38.27N	141.85E	46-1	3.5			
NIED	Moment Tensor Solution. Best double couple: NP1:φ=37.00000°,δ80.00000°,λ56.00000°. NP2:φ=292.00000°,δ35.00000°,λ163.00000°. M:1.91000×10 ¹⁴								
ISCJB	Error ellipse: s-maj=20.8km s-min=8.4km az=48.0.								
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=209.00000°,δ45.00000°,λ74.00000°. NP2:φ=19.00000°,δ79.00000°,λ88.00000°. Principal axes: T Plg56.0000°,Azm287.0000°; N Plg2.0000°,Azm20.0000°; P Plg34.0000°,Azm111.0000°								
ISC	VI	07 03 21 52.3-53	35.57N-03	140.09E-05	69-4	3.6b	34	0-70	
ISCJB	VI	07 03 21 51.4-53	35.57N-04	140.09E-06	75-4	3.6b		119221565	
NEIC	VI	07 03 21 51.1-5.8	35.59N	140.27E	57-37	3.2			
JMA	VI	07 03 21 52.0-20	35.65N	140.09E	67-2	3.2			
IDC	VI	07 03 21 53.1-3.6	35.51N	139.97E	68-24	3.7,3.5			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=8.4km s-min=4.8km az=116.9.								
NEIC	Event type se. Error ellipse: s-maj=97.9km s-min=19.1km az=72.0.								
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=254.00000°,δ45.00000°,λ-74.00000°. NP2:φ=32.00000°,δ47.00000°,λ-105.00000°. Principal axes: T Plg1.0000°,Azm153.0000°; N Plg11.0000°,Azm63.0000°; P Plg79.0000°,Azm248.0000°								
IDC	Error ellipse: s-maj=70.8km s-min=12.0km az=74.0.								
ISC	VI	07 03 22 15.4-81	35.56N-07	140.01E-10	73-5	3.8b	14	0-70	
ISCJB	VI	07 03 22 14.3-81	35.55N-07						

NAO	II	03 04 03 40.1	35.40N	145.12E	33	4.3b,3.8s				
MOS	II	03 04 03 57.9-1.0	37.94N	141.91E	33	4.8b,3.8s				
ISCJB	II	03 04 03 60.0-56	37.89N-03	141.86E-05	51-3	4.5b,3.8s				
JMA	II	03 04 03 59.7-10	37.87N	141.88E	42-1	4.5,3.8s				
BJI	II	03 04 04 00.2	37.88N	141.83E	65	5.0b,4.8b				
SZGRF	II	03 04 04 01.1	38.17N	141.35E	33	4.4b,4.8b				
NEIC	II	03 04 04 02.9-69	37.84N	141.82E	67-6	4.6b,4.5W				
IDC	II	03 04 04 03.7-2.7	37.87N	141.79E	75-25	4.3,4.1				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=21.00000°,δ73.00000°,λ97.00000°. NP2:φ=179.00000°,δ18.00000°,λ69.00000°. M:6.10000×10 ¹⁶									
MOS	Error ellipse: s-maj=9.2km s-min=5.3km az=106.6.									
ISCJB	Event type fe. Error ellipse: s-maj=6.8km s-min=4.2km az=73.1.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=210.00000°,δ30.00000°,λ70.00000°. NP2:φ=53.00000°,δ62.00000°,λ101.00000°. Principal axes: T Plg71.0000°,AzM349.0000°. N 0.1900,Plg11.0000°,AzM228.0000°. P Plg16.0000°,AzM135.0000°									
SZGRF	Near east coast of eastern Honshu, Japan.									
NEIC	Event type fe. Error ellipse: s-maj=6.7km s-min=5.1km az=152.0. Recorded [2 JMA] in Fukushima, Iwate and Miyagi Prefectures. Moment Tensor Solution. M:6.10000×10 ¹⁵									
IDC	Error ellipse: s-maj=16.1km s-min=14.5km az=70.0.									
ISC	II	03 04 37 37.8-12	36.23N-02	141.54E-02	37	5.5s,5.5b	827	1-162		
NIED	II	03 04 37 00	36.20N	141.70E	23	5.7W,5.5b		18079784		
BJI	II	03 04 37 34.1	36.29N	141.37E	24	5.9s,5.8s				
JMA	II	03 04 37 35.3-20	36.21N	141.61E	62-4	5.9,5.8s				
ISCJB	II	03 04 37 36.1-12	36.19N-02	141.54E-02	35	5.5s,5.5b				
NEIC	II	03 04 37 36.4-15	36.16N	141.45E	28	5.7W,5.7W				
HRVD	II	03 04 37 36.4-10	36.12N	141.81E	32	5.7W,5.7W				
CRAAG	II	03 04 37 37.4	36.28N	141.39E		5.4b,5.7W				
IDC	II	03 04 37 37.7-2.1	36.13N	141.53E	38-17	5.4s,4.5				
MOS	II	03 04 37 38.0-80	36.60N	141.41E	33	5.9s,5.7b				
BGS	II	03 04 37 38.0	36.01N	140.41E	33	5.4b,5.7b				
SZGRF	II	03 04 37 40.3	36.95N	141.93E	42	5.9s,5.3b				
NAO	II	03 04 37 48.3	37.80N	140.28E	33	5.7b,5.3b				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=27.00000°,δ72.00000°,λ85.00000°. NP2:φ=224.00000°,δ19.00000°,λ106.00000°. M:3.90000×10 ¹⁷									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=2.7km az=-1.0.									
ISCJB	Event type fe. Error ellipse: s-maj=2.9km s-min=2.2km az=124.5.									
NEIC	Event type fe. Error ellipse: s-maj=4.7km s-min=3.2km az=165.0. Felt at Tokyo. Recorded [3 JMA] in Fukushima, Ibaraki, Miyagi and Tochigi; [2 JMA] in Chiba, Gumma, Iwate, Kanagawa, Nagano, Niigata, Saitama, Tokyo and Yamagata; [1 JMA] in Aichi, Akita and Amori, Shizuoka and Yamanashi Prefectures. Recorded [1 JMA] in south-central Hokkaido. Depth from synthetics of broadband displacement seismograms. Energy computed from MT mechanism. Moment Tensor Solution. M:3.90000×10 ¹⁷ Moment Tensor Solution. s27									
HRVD	Moment tensor: Scale 10 ¹⁷ Nm; Mr:2.21 Mw:0.80 Mm:1.41 Mw:1.43 Mw:1.58 Mw:4.21 Best double couple: NP1:φ=21.00000°,δ76.00000°,λ79.00000°. NP2:φ=241.00000°,δ18.00000°,λ128.00000°. Principal axes: T 5.0100,Plg57.0000°,AzM276.0000°. N 0.1900,Plg11.0000°,AzM24.0000°. P -5.1900,Plg30.0000°,AzM120.0000°. M:5.10000×10 ¹⁷									
ISC	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s87,c175; Mantle waves: s97,c213; Half duration: 1:8 Moment tensor: Scale 10 ¹⁷ Nm; Mr:2.91±0.05 Mw:0.55±0.4; Mm:2.36±0.4; Mw:1.46±0.7; Mw:1.83±0.3; Mw:3.35±0.6; Best double couple: NP1:φ=221.00000°,δ21.00000°,λ105.00000°. NP2:φ=25.00000°,δ70.00000°,λ84.00000°. Principal axes: T 4.5950,Plg65.0000°,AzM285.0000°. N 0.5350,Plg5.0000°,AzM27.0000°. P -5.1330,Plg24.0000°,AzM119.0000°. M:4.86400×10 ¹⁷									
IDC	Error ellipse: s-maj=12.0km s-min=9.3km az=101.0.									
MOS	Error ellipse: s-maj=6.6km s-min=4.0km az=108.3.									
SZGRF	Near east coast of eastern Honshu, Japan.									
ISC	II	03 04 39 26.3-37	36.25N-04	141.48E-05	33	5.2s,5.1b	92	1-91		
NIED	II	03 04 39 00	36.20N	141.50E	23	5.1W,5.1b		18188623		
NAO	II	03 04 39 23.7	35.75N	141.22E	33	5.3b,5.1b				
ISCJB	II	03 04 39 24.8-35	36.29N-04	141.51E-05	31	5.2s,5.1b				
BJI	II	03 04 39 24.4	36.60N	141.50E	31	5.5b,4.6b				
JMA	II	03 04 39 25.1-10	36.25N	141.48E	53-3	4.9,4.6b				
MOS	II	03 04 39 26.1-84	36.65N	141.49E	33	5.3b,4.6b				
NEIC	II	03 04 39 27.5-33	36.58N	141.46E	32	5.1W,5.1b				
IDC	II	03 04 39 27.7-84	36.61N	141.54E	32-5	5.2s,5.2				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=33.00000°,δ73.00000°,λ95.00000°. NP2:φ=197.00000°,δ18.00000°,λ75.00000°. M:5.91000×10 ¹⁶									
ISCJB	Event type fe. Error ellipse: s-maj=5.7km s-min=5.2km az=62.9.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.									
MOS	Error ellipse: s-maj=13.0km s-min=8.4km az=44.8.									
NEIC	Event type se. Error ellipse: s-maj=8.4km s-min=6.0km az=158.0. Moment Tensor Solution. M:5.90000×10 ¹⁶									
IDC	Error ellipse: s-maj=21.7km s-min=19.1km az=81.0.									
ISC	II	03 05 03 27.0-14	36.26N-03	141.58E-09	23-9	3.3b	25	1-45		
NIED	II	03 05 03 23.6-35	36.40N	141.65E	0	3.6L,3.6		19489127		
ISCJB	II	03 05 03 27.7-94	36.24N-03	141.55E-09	46-11	3.3b,3.6				
JMA	II	03 05 03 27.1-20	36.25N	141.52E	57-4	3.2,3.6				
IDC	Error ellipse: s-maj=53.5km s-min=39.0km az=86.0.									
ISCJB	Error ellipse: s-maj=12.6km s-min=5.3km az=176.0.									
JMA	Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.									
ISC	II	03 05 38 10.0-20	36.19N-03	141.58E-03	34	4.8b,4.6s	291	1-150		
NIED	II	03 05 38 00	36.30N	141.70E	23	4.7W,4.6s		19489136		
SZGRF	II	03 05 38 05.8	34.98N	141.63E	30	5.3b,4.6s				
BJI	II	03 05 38 06.6	36.21N	141.62E	32	5.2b,4.9b				
ISCJB	II	03 05 38 08.1-20	36.18N-03	141.60E-03	32	4.8b,4.6s				
JMA	II	03 05 38 08.1-20	36.21N	141.60E	60-3	4.9,4.6s				
NEIC	II	03 05 38 09.8-17	36.17N	141.57E	32	4.8b,4.7W				
IDC	II	03 05 38 10.2-52	36.12N	141.53E	37-3	4.7L,4.6				
NAO	II	03 05 38 10.9	36.17N	140.89E	33	4.9b,4.6				
MOS	II	03 05 38 10.6-72	36.58N	141.42E	33	5.1b,4.6				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=23.00000°,δ70.00000°,λ89.00000°. NP2:φ=206.00000°,δ20.00000°,λ93.00000°. M:1.34000×10 ¹⁶									
SZGRF	Off east coast of Honshu, Japan.									
ISCJB	Event type fe. Error ellipse: s-maj=4.2km s-min=3.2km az=126.6.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.									
NEIC	Event type fe. Error ellipse: s-maj=4.8km s-min=3.2km az=167.0. Recorded [2 JMA] in Chiba, Fukushima, Ibaraki and Tochigi; [1 JMA] in Gumma, Miyagi, Saitama and Tokyo Prefectures. Moment Tensor Solution. M:1.30000×10 ¹⁶									
IDC	Error ellipse: s-maj=12.7km s-min=11.9km az=117.0.									
MOS	Error ellipse: s-maj=8.6km s-min=5.0km az=114.7.									
ISC	II	03 05 41 39.4-20	36.21N-03	141.54E-03	33	4.9b,4.5s	292	1-147		
NIED	II	03 05 41 00	36.30N	141.50E	26	4.9W,4.5s		18079787		
BJI	II	03 05 41 36.2	36.11N	141.28E	19	5.1b,5.0b				
MOS	II	03 05 41 37.6-94	36.19N	141.53E	33	5.2b,5.0b				
JMA	II	03 05 41 37.4-20	36.22N	141.58E	63-4	5.0,5.0b				
ISCJB	II	03 05 41 37.4-20	36.17N-03	141.57E-03	31	4.9b,4.5s				
NEIC	II	03 05 41 39.1-22	36.21N	141.53E	31	4.8W,4.8b				
IDC	II	03 05 41 39.8-67	36.17N	141.52E	39-4	4.9L,4.7				
SZGRF	II	03 05 41 42.4	36.75N	141.17E	33	4.7b,4.7				
NAO	II	03 05 41 43.1	36.56N	140.41E	33	5.0b,4.7				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=23.00000°,δ68.00000°,λ90.00000°. NP2:φ=203.00000°,δ22.00000°,λ90.00000°. M:2.28000×10 ¹⁶									
MOS	Error ellipse: s-maj=9.3km s-min=5.2km az=119.0.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=2.7km az=-1.0.									
ISCJB	Event type fe. Error ellipse: s-maj=4.2km s-min=3.2km az=115.5.									
NEIC	Event type fe. Error ellipse: s-maj=6.8km s-min=3.3km az=170.0. Recorded [2 JMA] in Chiba, Fukushima, Ibaraki, Saitama and Tochigi; [1 JMA] in Gumma, Kanagawa, Miyagi, Nagano and Tokyo Prefectures. Moment Tensor Solution. M:2.30000×10 ¹⁶									
IDC	Error ellipse: s-maj=13.4km s-min=12.8km az=171.0.									
SZGRF	Near east coast of eastern Honshu, Japan.									
ISC	II	03 06 10 06.3-15	36.23N-02	141.55E-02	38	5.2b,5.0s	537	1-158		
NIED	II	03 06 10 00	36.20N	141.60E	23	5.2W,5.0s		18079789		
MOS	II	03 06 10 03.7-1.0	36.18N	141.57E	32	5.5b,5.3s				

BJI	II	03 06 10 03.4	36.16N	141.21E	16	5.3b,5.2s				
JMA	II	03 06 10 03.6-20	36.23N	141.61E	63-4	5.3,5.2s				
ISCJB	II	03 06 10 04.6-15	36.20N-02	141.55E-02	36	5.2b,5.0s				
IDC	II	03 06 10 05.6-38	36.13N	141.54E	35-2	4.9,4.8				
NEIC	II	03 06 10 06.0-13	36.18N	141.52E	37	5.2W,5.2b				
HRVD	II	03 06 10 06.1-20	36.15N	141.89E	32	5.3W,5.2b				
NAO	II	03 06 10 06.5	36.26N	141.08E	33	5.6b,5.2b				
BGS	II	03 06 10 07.2-2.5	35.06N	136.50E	33-0	5.3b,5.2b				
SZGRF	II	03 06 10 08.1	36.67N	141.47E	38	5.1b,5.1s				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=24.00000°,δ69.00000°,λ83.00000°. NP2:φ=223.00000°,δ22.00000°,λ108.00000°. M:7.77000×10 ¹⁶									
MOS	Error ellipse: s-maj=8.6km s-min=4.6km az=18.2.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=2.7km az=-1.0.									
ISCJB	Event type fe. Error ellipse: s-maj=3.2km s-min=2.4km az=126.3.									
IDC	Error ellipse: s-maj=11.4km s-min=9.5km az=109.0.									
NEIC	Event type fe. Error ellipse: s-maj=3.9km s-min=2.6km az=163.0. Recorded [2 JMA] in Chiba, Fukushima, Ibaraki, Miyagi and Tochigi; [1 JMA] in Gumma, Kanagawa, Nagano, Saitama and Tokyo Prefectures. Moment Tensor Solution. M:7.80000×10 ¹⁶									
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s60,c94; Mantle waves: s77,c155; Half duration: 1:1 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.67±0.02 Mw:0.16±0.1; Mm:0.51±0.2; Mw:0.27±0.2; Mw:0.38±0.1; Mw:0.69±0.2; Best double couple: NP1:φ=222.00000°,δ23.00000°,λ107.00000°. NP2:φ=24.00000°,δ68.00000°,λ83.00000°. Principal axes: T 1.0010,Plg66.0000°,AzM282.0000°. N 0.0690,Plg6.0000°,AzM27.0000°. P -1.0700,Plg23.0000°,AzM119.0000°. M:1.03500×10 ¹⁷									
BGS	Error ellipse: s-maj=815.6km s-min=999.9km az=-1.0.									
SZGRF	Near east coast of eastern Honshu, Japan.									
ISC	II	03 06 59 24.6-5.4	36.30N-09	141.6E-20	15-31	3.5b	13	1-45		
NIED	II	03 06 59 00	36.20N	141.70E	35	4.0W		18188626		
IDC	II	03 06 59 20.3-5.2	36.40N	141.93E	0	3.8,3.7L				
JMA	II	03 06 59 22.6-20	36.18N	141.71E	74-4	2.9,3.7L				
ISCJB	II	03 06 59 25.6-2.2	36.27N-09	141.6E-20	41-16	3.5b,3.7L				
NIED	Moment Tensor Solution. Best double couple: NP1:φ=30.00000°,δ70.00000°,λ87.00000°. NP2:φ=220.00000°,δ2									

NIED Moment Tensor Solution. Best double couple: NP1:φ=135.00000°,δ65.00000°,λ-34.00000°. NP2:φ=240.00000°,δ60.00000°,λ-151.00000°. M₀:6.65000×10¹⁵

IDC Error ellipse: s-maj=23.7km s-min=14.9km az=85.0

ISCJB Event type se. Error ellipse: s-maj=5.0km s-min=4.7km az=42.8.

MOS Error ellipse: s-maj=16.5km s-min=8.8km az=117.3.

JMA Error ellipse: s-maj=1.1km s-min=2.7km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=225.00000°,δ24.00000°,λ-168.00000°. NP2:φ=124.00000°,δ85.00000°,λ-67.00000°. Principal axes: T Plg36.0000°,Azm194.0000°; N Plg23.0000°,Azm302.0000°; P Plg45.0000°,Azm57.0000°

NEIC Event type se. Error ellipse: s-maj=13.7km s-min=10.7km az=116.0. Moment Tensor Solution. M₀:3.70000×10¹⁵

ISC II 12 19 46 44.7-34 35.53N-03 140.09E-04 70-2 3.7b 57 0-75

NIED II 12 19 46 00 35.60N 140.10E 68 4.0W 18319271

ISCJB II 12 19 46 43.8-34 35.51N-03 140.09E-04 76-2 3.7b

MOS II 12 19 46 43.2-75 35.40N 140.06E 75 4.6b

JMA II 12 19 46 44.1-20 35.57N 140.11E 70-2 3.9

NEIC II 12 19 46 44.6-1.2 35.45N 140.06E 67-9 4.3b

IDC II 12 19 46 45.3-1.7 35.44N 140.08E 72-14 3.7,3.6

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=6.00000°,δ65.00000°,λ98.00000°. NP2:φ=166.00000°,δ26.00000°,λ72.00000°. M₀:9.47000×10¹⁴

ISCJB Event type fe. Error ellipse: s-maj=5.6km s-min=4.7km az=138.5.

MOS Error ellipse: s-maj=27.9km s-min=11.3km az=126.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.

NEIC Event type se. Error ellipse: s-maj=14.4km s-min=9.7km az=80.0.

IDC Error ellipse: s-maj=25.6km s-min=6.7km az=68.0.

ISC II 13 17 50 39.4-75 35.65N-04 140.85E-07 47-6 3.2b 22 0-59

IDC II 13 17 50 39.2-6 35.87N 141.47E 0 3.4,3.3

ISCJB II 13 17 50 38.3-77 35.64N-04 140.87E-07 55-5 3.2b,3.3

JMA II 13 17 50 39.4-10 35.68N 140.74E 49-1 2.7,3.3

IDC Error ellipse: s-maj=62.4km s-min=26.7km az=60.0.

ISCJB Error ellipse: s-maj=9.8km s-min=7.0km az=156.9.

JMA Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.

ISC II 14 13 46 16.5-62 36.16N-04 140.09E-06 52-5 3.1b 26 0-60

IDC II 14 13 46 08.6-2.1 36.29N 140.32E 0 3.4,3.3

ISCJB II 14 13 46 15.5-64 36.16N-04 140.11E-06 59-5 3.1b,3.3

JMA II 14 13 46 16.5-10 36.18N 140.05E 52-1 3.6,3.3

ISC Event type fe.

IDC Error ellipse: s-maj=52.5km s-min=22.3km az=46.0.

ISCJB Event type fe. Error ellipse: s-maj=8.7km s-min=5.8km az=76.2.

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=252.00000°,δ19.00000°,λ125.00000°. NP2:φ=36.00000°,δ75.00000°,λ79.00000°. Principal axes: T Plg59.0000°,Azm291.0000°; N Plg11.0000°,Azm39.0000°; P Plg29.0000°,Azm135.0000°

ISC II 15 23 36 08.0-85 34.80N-06 140.81E-09 39-6 3.5b 16 0-55

IDC II 15 23 36 03.6-14 34.76N 141.72E 0 3.6,3.4b

JMA II 15 23 36 03.8-20 35.02N 141.71E 45-3 2.6,3.4b

ISCJB II 15 23 36 02.1-3 34.87N-06 141.0E-10 54-6 3.5b,3.4b

ISC II 17 08 21 13.6-11 36.64N-04 141.44E-06 25-7 4.0b 42 1-75

NIED II 17 08 21 00 36.60N 141.40E 41 4.1W 18192704

ISCJB II 17 08 21 13.6-82 36.60N-04 141.44E-07 43-7 4.0b

MOS II 17 08 21 14.5-93 36.72N 141.40E 50 4.0b

IDC II 17 08 21 15.8-2.7 36.60N 141.35E 39-25 4.0L,3.9

JMA II 17 08 21 15.3-10 36.65N 141.28E 47-2 4.2,3.9

NEIC II 17 08 21 17.6-1.6 36.62N 141.28E 56-14 4.9b,4.1W

BJI II 17 08 21 21.4 36.54N 140.36E 56 4.6b,4.5b

NAO II 17 08 21 32.2 37.59N 141.10E 33 4.0b,4.5b

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=206.00000°,δ88.00000°,λ-91.00000°. NP2:φ=49.00000°,δ2.00000°,λ-67.00000°. M₀:1.65000×10¹⁵

ISCJB Event type fe. Error ellipse: s-maj=9.5km s-min=6.9km az=28.8.

MOS Error ellipse: s-maj=18.0km s-min=14.8km az=105.7.

IDC Error ellipse: s-maj=22.3km s-min=15.5km az=92.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.

NEIC Event type se. Error ellipse: s-maj=15.1km s-min=11.8km az=117.0. Recorded [1 JMA] in Fukushima, Ibaraki and Tochigi Prefectures. Moment Tensor Solution. M₀:1.70000×10¹⁵

ISC II 18 01 09 53.8-60 36.12N-05 140.05E-07 74-4 3.7b 26 0-75

NAO II 18 01 09 49.2 35.92N 139.34E 33 3.9b 18192733

ISCJB II 18 01 09 52.8-61 36.11N-05 140.06E-07 79-4 3.7b

JMA II 18 01 09 54.0-10 36.09N 140.02E 68-1 3.4

NEIC II 18 01 09 54.1 36.09N 140.02E 68 3.3

IDC II 18 01 09 56.1-1.9 36.02N 139.85E 90-16 3.7,3.5

NIED II 18 01 10 00 36.10N 140.00E 89 3.6W,3.5

ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=10.3km s-min=7.4km az=110.4.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.

NEIC Event type se. After JMA.

IDC Error ellipse: s-maj=30.8km s-min=8.9km az=64.0.

NIED Moment Tensor Solution. Best double couple: NP1:φ=355.00000°,δ81.00000°,λ86.00000°. NP2:φ=198.00000°,δ10.00000°,λ113.00000°. M₀:2.73000×10¹⁴

ISC II 18 21 07 15.9-13 39.65N-08 142.8E-10 30 3.3b 15 1-50

ISCJB II 18 21 07 14.0-1.3 39.61N-08 142.9E-10 30 3.3b 19494455

IDC II 18 21 07 14.9-10 39.90N 142.48E 0 3.5,3.4b

NEIC II 18 21 07 14.0 39.53N 142.91E 30 3.2,3.4b

JMA II 18 21 07 14.0-20 39.53N 142.91E 30-2 3.2,3.4b

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=13.7km s-min=11.3km az=136.8.

IDC Error ellipse: s-maj=193.2km s-min=45.1km az=102.0.

NEIC Event type se. After JMA.

JMA Error ellipse: s-maj=1.1km s-min=1.7km az=1.0.

ISC II 20 15 07 25.2-64 35.65N-04 140.20E-07 82-5 3.4b 29 0-59

IDC II 20 15 07 23.8-2.1 35.69N 140.49E 70-17 3.5,3.3

JMA II 20 15 07 24.4-66 35.64N-04 140.19E-07 88-5 3.4b,3.3

ISCJB II 20 15 07 24.7-20 35.73N 140.20E 80-2 3.2,3.3

IDC Error ellipse: s-maj=25.2km s-min=8.4km az=68.0.

ISCJB Error ellipse: s-maj=10.3km s-min=5.6km az=135.4.

JMA Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.

ISC II 22 04 37 24.8-30 35.53N-03 140.06E-04 67-3 4.0b 97 0-148

NIED II 22 04 37 00 35.60N 140.10E 68 4.1W 18106492

NAO II 22 04 37 02.2 32.63N 141.72E 33 3.9b

MOS II 22 04 37 19.2-1.5 35.53N 140.31E 33 4.4b

JMA II 22 04 37 23.9-20 35.61N 140.10E 71-2 4.1

ISCJB II 22 04 37 24.0-29 35.52N-03 140.04E-04 74-3 4.0b

IDC II 22 04 37 24.3-1.2 35.47N 140.14E 65-7 4.1,3.9

NEIC II 22 04 37 24.8-82 35.52N 140.05E 67-7 4.1b,3.9

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=108.00000°,δ75.00000°,λ-45.00000°. NP2:φ=212.00000°,δ47.00000°,λ-160.00000°. M₀:1.40000×10¹⁵

MOS Error ellipse: s-maj=13.8km s-min=8.7km az=111.4.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.

ISCJB Event type fe. Error ellipse: s-maj=4.4km s-min=4.5km az=122.7.

IDC Error ellipse: s-maj=16.3km s-min=5.9km az=67.0.

NEIC Event type fe. Error ellipse: s-maj=7.4km s-min=6.0km az=111.0. Recorded [2 JMA] in Saitama and Tokyo; [1 JMA] in Chiba, Ibaraki, Kanagawa, Shizuoka and Tochigi Prefectures.

ISC II 17 03 25 56.6-67 34.39N-04 140.27E-05 82-6 3.5b 28 0-54

ISCJB II 17 03 25 56.6-68 34.40N-04 140.28E-06 88-6 3.5b 19493842

JMA II 17 03 25 56.1-20 34.39N 140.26E 79-2 3.0

IDC II 17 03 25 58.1-3.4 34.32N 140.04E 93-15 3.4,3.3

ISCJB Error ellipse: s-maj=8.0km s-min=5.8km az=135.3.

JMA Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.

IDC Error ellipse: s-maj=82.8km s-min=7.7km az=74.0.

JMA II 25 17 31 58.4-10 37.73N 141.84E 49-2 1.3 10689287

JMA Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.

ISC II 25 23 38 20.8-10 35.26N-03 141.26E-07 25-7 4.0b,3.9s 56 1-84

NIED II 25 23 38 00 35.30N 141.30E 17 4.0W,3.9s 18335754

ISCJB II 25 23 38 20.3-91 35.27N-03 141.29E-08 33-8 4.0b,3.9s

NEIC II 25 23 38 20.6 35.28N 141.26E 39 3.8,3.9s

JMA II 25 23 38 20.5-10 35.28N 141.25E 39-2 3.8,3.9s

IDC II 25 23 38 23.0-4.7 35.19N 141.11E 35-36 4.1,4.0

MOS II 25 23 38 23.1-57 35.17N 141.06E 56 4.1b,4.0

Event type se.

NIED Moment Tensor Solution. Best double couple: NP1:φ=44.00000°,δ87.00000°,λ67.00000°. NP2:φ=308.00000°,δ23.00000°,λ173.00000°. M₀:1.32000×10¹⁵

ISCJB Event type se. Error ellipse: s-maj=10.7km s-min=5.6km az=8.0.

NEIC Event type se. After JMA.

JMA Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.

IDC Error ellipse: s-maj=31.9km s-min=14.3km az=73.0.

MOS Error ellipse: s-maj=25.8km s-min=10.6km az=128.1.

ISC II 26 09 11 08.3-45 40.51N-03 142.38E-06 89-3 4.1b 72 1-80

NAO II 26 09 10 49.8 38.07N 142.03E 33 3.9b 18193175

NIED II 26 09 11 00 40.50N 142.40E 35 3.9W

ISCJB II 26 09 11 07.2-47 40.48N-03 142.38E-07 95-3 4.1b

MOS II 26 09 11 07.6-85 40.56N 142.27E 91 4.2b

BJI II 26 09 11 07.3 40.21N 142.07E 93 5.0b,4.6b

IDC II 26 09 11 07.0-3.0 40.38N 142.23E 74-28 4.1,3.9

JMA II 26 09 11 08.8-10 40.48N 142.40E 80-1 4.0,3.9

NEIC II 26 09 11 09.6-81 40.48N 142.30E 99-7 4.4b,3.9

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=13.00000°,δ77.00000°,λ135.00000°. NP2:φ=116.00000°,δ46.00000°,λ18.00000°. M₀:6.94000×10¹⁴

ISCJB Event type fe. Error ellipse: s-maj=8.7km s-min=5.0km az=35.2.

MOS Error ellipse: s-maj=12.7km s-min=6.8km az=90.7.

IDC Error ellipse: s-maj=23.0km s-min=13.7km az=83.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=1.0.

NEIC Event type fe. Error ellipse: s-maj=10.7km s-min=6.6km az=96.0. Recorded [2 JMA] in Aomori and Iwate; [1 JMA] in Miyagi Prefectures.

JMA II 26 20 10 22.2-10 36.73N 141.29E 45-2 3.5

NIED II 26 20 10 00 36.70N 141.30E 26 3.4W 19497447

JMA Error ellipse: s-maj=1.1km s-min=0.9km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=155.00000°,δ12.00000°,λ-81.00000°. NP2:φ=326.00000°,δ78.00000°,λ-92.00000°. Principal axes: T Plg33.0000°,Azm23.0000°; N Plg2.0000°,Azm327.0000°; P Plg57.0000°,Azm154.0000°

NIED Moment Tensor Solution. Best double couple: NP1:φ=237.00000°,δ81.00000°,λ-104.00000°. NP2:φ=35.00000°,δ17.00000°,λ-33.00000°. M₀:1.57000×10¹⁴

ISC II 26 23 18 21.3-82 35.53N-03 141.11E-09 35 3.7s,3.3b 26 0-70

ISCJB II 26 23 18 20.0-86 35.55N-03 141.19E-09 33 3.7s,3.3b 19497476

NEIC II 26 23 18 21.2 35.56N 141.04E 37 3.0,3.3b

JMA II 26 23 18 21.2-10 35.56N 141.04E 37-1 3.0,3.3b

IDC II 26 23 18 22.1-3.3 35.36N 141.07E 44-35 3.7s,3.7

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=10.7km s-min=5.0km az=2.1.

NEIC Event type se. After JMA.

JMA Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.

IDC Error ellipse: s-maj=39.2km s-min=21.8km az=86.0.

ISC II 27 19 58 32.9-11 35.92N-09 140.9E-10 44-10 3.5b 13 0-56

ISCJB II 27 19 58 32.3-1.1 35.92N-09 140.9E-10 54-9 3.5b 19497685

JMA II 27 19 58 33.4-10 35.89N 140.81E 39-1 3.0

IDC II 27 19 58 35.4-9.9 35.78N 140.72E 66-61 3.4,3.3

ISCJB Error ellipse: s-maj=21.2km s-min=8.7km az=109.1.

JMA Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.

IDC Error ellipse: s-maj=149.1km s-min=33.5km az=66.0.

ISC V 21 07 22 36.4-53 38.70N-03 142.19E-05 44-4 4.5b,3.9s 207 1-145

NIED V 21 07 22 00 38.70N 142.30E 44 4.6W,3.9s 10698547

ISCJB V 21 07 22 34.4-56 38.68N-03 142.29E-05 44-4 4.5b,3.9s

BJI V 21 07 22 34.4 38.69N 142.21E 50 4.7b,4.6b

MOS V 21 07 22 35.0-84 38.92N 142.07E 33 4.8b,4.6b

JMA V 21 07 22 35.0-10 38.72N 142.27E 39-2 4.6,4.6b

NEIC V 21 07 22 36.9-21 38.67N 142.25E 50 4.8b,4.5W

IDC V 21 07 22 37.1-2.1 38.67N 142.21E 50-18 4.3,4.2

SZGRF V 21 07 22 38.5 39.43N 143.09E 33 4.9b,4.2

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=23.00000°,δ75.00000°,λ97.00000°. NP2:φ=178.00000°,δ17.00000°,λ66.00000°. M₀:7.58000×10¹⁵

ISCJB Event type fe. Error ellipse: s-maj=7.1km s-min=4.9km az=76.4.

MOS Error ellipse: s-maj=9.3km s-min=5.4km az=113.3.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.

NEIC Event type fe. Error ellipse: s-maj=5.2km s-min=4.0km az=133.0. Recorded [2 JMA] in Iwate and [1 JMA] in Miyagi Prefectures. Moment Tensor Solution. M₀:7.60000×10¹⁵

IDC Error ellipse: s-maj=16.4km s-min=11.2km az=99.0.

SZGRF Off east coast of Honshu, Japan.

ISC V 10 00 52 11.3-61 35.33N-03 140.81E-08 32-4 3.8b 29 0-59

NEIC V 10 00 52 09.2-1.4 35.67N 141.61E 35 3.9b 19131128

ISCJB V 10 00 52 10.3-69 35.33N-04 140.91E-09 43-6 3.8b

JMA V 10 00 52 10.9-10 35.36N 140.82E 35-2 3.2

IDC V 10 00 52 15.7-1.3 34.39N 138.35E 0 3.9,3.7b

ISC Event type se.

NEIC Event type se. Error ellipse: s-maj=37.2km s-min=12.0km az=49.0.

ISCJB Event type se. Error ellipse: s-maj=12.1km s-min=6.1km az=154.8.

JMA Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.

IDC Error ellipse: s-maj=43.4km s-min=19.7km az=62.0.

ISC V 20 04 57 53.2-19 35.14N-03 140.02E-03 71 4.4b 183 0-152

BJI V 20 04 57 50.0 34.96N 139.98E 71 5.1b,4.6b 10698534

MOS V 20 04 57 51.1-89 35.06N 139.98E 70 4.7b,4.6b

ISCJB V 20 04 57 51.8-19 35.17N-03 140.05E-03 69 4.4b,4.6b

NEIC V 20 04 57 52.7-19 35.03N 139.99E 70 4.6b,4.5W

IDC V 20 04 57 52.9-44 35.14N 140.01E 70-4 4.3,4.1

JMA V 20 04 57 52.0-20 35.20N 140.11E 74-2 4.7,4.1

NIED V 20 04 58 00 35.20N 140.10E 68 4.5W,4.1

SZGRF V 20 04 58 06.3 34.99N 141.04E 33 5.0b,4.1

ISC Event type fe.

MOS Error ellipse: s-maj=11.8km s-min=6.8km az=115.3.

ISCJB Event type fe. Error ellipse: s-maj=3.7km s-min=3.4km az=16.9.

NEIC Event type fe. Error ellipse: s-maj=5.4km s-min=4.8km az=176.0. Felt at Chiba, Tokyo, Yokohama and Yokosuka. Recorded [3 JMA] in Chiba; [2 JMA] in Ibaraki, Kanagawa, Saitama, Shizuoka and Tokyo; [1 JMA] in Tochigi and Yamanashi Prefectures. Moment Tensor Solution. M₀:6.80000×10¹⁵

IDC Error ellipse: s-maj=14.5km s-min=6.2km az=89.0.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=122.00000°,δ8.00000°,λ-17.00000°. NP2:φ=229.00000°,δ87.00000°,λ-98.00000°. Principal axes: T Plg42.0000°,Azm327.0000°; N Plg8.0000°,Azm230.0000°; P Plg47.0000°,Azm131.0000°

NIED Moment Tensor Solution. Best double couple: NP1:φ=269.00000°,δ63.00000°,λ-123.00000°. NP2:φ=144.00000°,δ42.00000°,λ-43.00000°. M₀:6.80000×10¹⁵

SZGRF Off east coast of Honshu, Japan.

ISC V 19 22 20 15.1-48 35.94N-03 140.17E-05 65-5 3.7b 38 0-65

NIED V 19 22 20 00 36.00N 140.20E 68 3.7W 19806718

MOS V 19 22 20 13.5-67 35.82N 140.21E 78 4.6b

ISCJB V 19 22 20 14.1-48 35.94N-03 140.17E-05 72-4 3.7b

NEIC V 19 22 20 15.4 35.99N 140.16E 60 3.4

JMA V 19 22 20 15.4-10 35.99N 140.16E 60-1 3.6

IDC V 19 22 20 15.7-2.0 35.87N 140.19E 74-20 3.8,3.7

ISC Event type fe.

NIED Moment Tensor Solution. Best double couple: NP1:φ=184.00000°,δ67.00000°,λ-69.00000°. NP2:φ=320.00000°,δ30.00000°,λ-130.00000°. M₀:4.34000×10¹⁴

ISCJB Error ellipse: s-maj=34.8km s-min=18.5km az=37.4.

JMA Event type fe. Error ellipse: s-maj=7.5km s-min=4.8km az=146.9.

NEIC Event type se. After JMA.

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.

IDC Error ellipse: s-maj=26.3km s-min=8.9km az=65.0.

ISC V 26 13 58 52.2-2.0 36.26N-05 141.97E-06 12-13 3.9b 44 1-75

NIED V 26 13 58 00 36.30N 141.80E 17 3.9W 18854870

ISCJB V 26 13 58 53.1-1.6 36.26N-05 141.98E-07 30-11 3.9b

IDC V 26 13 58 54.5-86 36.83N 141.76E 0 4.0,3.9b

JMA V 26 13 58 54.3-30 36.32N 141.80E 67 3.5,3.9b

NEIC V 26 13 58 57.1-8.4 36.84N 141.66E 17-52 4.3b,3.9b

MOS V 26 13 58 57.1-1.3 36.77N 141.69E 33 4.2b,3.9b

ISC Event type se.

NIED Moment Tensor Solution. Best double couple: NP1:φ=35.00000°,δ68.00000°,λ114.00000°. NP2:φ=165.00000°,δ32.00000°,λ44.00000°. M₀:8.45000×10¹⁴

ISCJB Event type se. Error ellipse: s-maj=10.7km s-min=7.6km az=72.5.

IDC Error ellipse: s-maj=21.1km s-min=19.3km az=116.0.

JMA Error ellipse: s-maj=1.1km s-min=2.7km az=-1.0.
 NEIC Event type se. Error ellipse: s-maj=20.9km s-min=16.9km az=81.0.
 MOS Error ellipse: s-maj=14.0km s-min=12.0km az=127.3.
 JMA V 30 07 06 11.7-10 40.69N 142.25E 45-3 3.5
 NIED V 30 07 06 00 40.70N 142.30E 62-3 3.8W **19261897**

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=291.00000°,δ76.00000°,λ30.00000°.
 NP2:φ=193.00000°,δ61.00000°,λ164.00000°. M5:27000×10¹⁴
 ISC V 31 15 24 09.2-1.4 36.24N-03 141.90E-05 25-10 4.1b,3.4s 83 1-147
 NIED V 31 15 24 00 36.30N 141.80E 23 4.0W,3.4s **19649898**

ISCJB V 31 15 24 08.1-1.6 36.22N-03 141.97E-05 29-11 4.1b,3.4s
 MOS V 31 15 24 09.1-1.1 36.31N 141.95E 33 4.4b,3.4s
 JMA V 31 15 24 09.0-1.0 36.30N 141.84E 70-3 3.9,3.4s
 NEIC V 31 15 24 11.0-3.0 36.23N 141.90E 36 4.3b,3.4s
 BJI V 31 15 24 10.0 36.46N 141.15E 5 4.5b,4.3b
 IDC V 31 15 24 10.6-71 36.19N 141.91E 34-5 4.1,4.0

ISC Event type se.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=24.00000°,δ67.00000°,λ86.00000°.
 NP2:φ=214.00000°,δ24.00000°,λ99.00000°. M1:0.30000×10¹⁵
 ISCJB Event type se. Error ellipse: s-maj=7.3km s-min=4.7km az=33.0.
 MOS Error ellipse: s-maj=13.3km s-min=8.6km az=122.0.
 JMA Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.
 NEIC Event type se. Error ellipse: s-maj=6.6km s-min=6.3km az=157.0.
 IDC Error ellipse: s-maj=18.2km s-min=13.0km az=94.0.
 JMA V 02 19 02 38.3-20 37.40N 141.80E 40-3 3.7
 NIED V 02 19 02 00 37.40N 141.80E 47 3.8W **19261315**

JMA Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=352.00000°,δ61.00000°,λ75.00000°.
 NP2:φ=200.00000°,δ32.00000°,λ114.00000°. M5:30000×10¹⁴
 ISC V 11 02 45 25.0-1.1 36.22N-05 141.9E-10 35 3.6b 22 1-56
 IDC V 11 02 45 20.1-2.4 36.32N 142.18E 0 4.1L,3.9 **19598758**

JMA V 11 02 45 22.8-2.0 36.18N 141.99E 67 3.3,3.9
 ISCJB V 11 02 45 23.1-1.1 36.20N-05 142.0E-10 33 3.6b,3.9
 ISC V 11 04 14 34.7-60 36.47N-04 140.67E-07 58-4 3.9b 49 0-83
 NIED V 11 04 14 00 36.50N 140.60E 71 3.8W **19713517**

IDC V 11 04 14 31.6-8.6 36.52N 140.97E 33-64 4.0L,3.8
 MOS V 11 04 14 31.8-71 36.49N 140.89E 56 4.2b,3.8
 NEIC V 11 04 14 33.3-1.9 36.49N 140.85E 50-14 4.2b,3.8
 ISCJB V 11 04 14 33.6-1 36.45N-04 140.69E-07 64-3 3.9b,3.8
 JMA V 11 04 14 35.2-10 36.46N 140.60E 56-1 4.0,3.8

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=13.00000°,δ70.00000°,λ94.00000°.
 NP2:φ=181.00000°,δ21.00000°,λ79.00000°. M6:22000×10¹⁴
 IDC Error ellipse: s-maj=34.2km s-min=27.0km az=75.0.
 MOS Error ellipse: s-maj=22.2km s-min=13.8km az=27.0.
 NEIC Event type se. Error ellipse: s-maj=19.3km s-min=16.2km az=90.0.
 ISCJB Event type fe. Error ellipse: s-maj=9.9km s-min=6.1km az=63.9.
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=173.00000°,δ27.00000°,λ70.00000°. NP2:φ=16.00000°,δ64.00000°,λ100.00000°. Principal axes: T P1g9.0000°,Az306.0000°; N P1g9.0000°,Az191.0000°; P P1g19.0000°,Az98.0000°
 V 16 06 05 58.9-45 34.54N-04 140.23E-05 70-4 3.7b 38 0-66
 ISCJB V 16 06 05 57.8-46 34.54N-04 140.23E-05 77-4 3.7b **19713638**

JMA V 16 06 05 58.1-20 34.55N 140.23E 71-2 4.0
 MOS V 16 06 05 58.8-26 34.52N 140.06E 92 4.2b
 IDC V 16 06 05 59.7-1.5 34.53N 140.23E 79-14 3.9,3.7
 NIED V 16 06 06 00 34.50N 140.30E 68 3.8W,3.7

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=7.2km s-min=5.8km az=117.5.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=86.00000°,δ5.00000°,λ169.00000°. NP2: φ=187.00000°,δ89.00000°,λ85.00000°. Principal axes: T P1g46.0000°,Az92.0000°; N P1g5.0000°,Az187.0000°; P P1g44.0000°,Az282.0000°
 MOS Error ellipse: s-maj=54.0km s-min=26.6km az=103.3.
 IDC Error ellipse: s-maj=29.3km s-min=6.8km az=76.0.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=181.00000°,δ81.00000°,λ74.00000°.
 NP2:φ=61.00000°,δ18.00000°,λ149.00000°. M6:01000×10¹⁴
 ISC V 22 16 09 40.4-61 34.63N-05 140.57E-06 46-6 3.5b 28 0-58
 IDC V 22 16 09 32.9-3.0 34.80N 141.01E 0 3.7,3.6 **19599272**

ISCJB V 22 16 09 39.1-66 34.64N-05 140.61E-06 55-5 3.5b,3.6
 JMA V 22 16 09 39.1-10 34.68N 140.65E 56-1 2.8,3.6
 IDC Error ellipse: s-maj=68.2km s-min=24.2km az=59.0.
 ISCJB Error ellipse: s-maj=9.8km s-min=5.8km az=92.4.
 JMA Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 ISC V 22 16 21 18.1-42 34.65N-04 140.60E-05 48-3 4.3b 51 0-58
 NIED V 22 16 21 00 34.70N 140.60E 53 4.1W **19807663**

IDC V 22 16 21 12.3-1.2 34.73N 140.86E 0 4.1,3.9
 MOS V 22 16 21 14.2-1.1 34.68N 140.91E 33 4.1b,3.9
 ISCJB V 22 16 21 16.9-43 34.65N-04 140.62E-05 57-3 4.3b,3.9
 NEIC V 22 16 21 16.9-83 34.63N 140.77E 35 4.6b,4.1W
 JMA V 22 16 21 17.3-10 34.68N 140.65E 54-1 4.1,4.1W

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=357.00000°,δ80.00000°,λ86.00000°.
 NP2:φ=197.00000°,δ10.00000°,λ110.00000°. M1:83000×10¹⁵
 IDC Error ellipse: s-maj=31.9km s-min=18.0km az=77.0.
 MOS Error ellipse: s-maj=31.1km s-min=15.2km az=125.1.
 ISCJB Event type fe. Error ellipse: s-maj=7.5km s-min=5.5km az=89.3.
 NEIC Event type se. Error ellipse: s-maj=25.5km s-min=10.0km az=64.0. Moment Tensor Solution. M1:80000×10¹⁵
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 ISC I 03 09 12 43.3-51 38.90N-03 141.04E-04 7-7 3.5b 18 0-59
 JMA I 03 09 12 42.8-55 38.90N-03 141.05E-05 11-5 3.5b **19477047**

ISCJB I 03 09 12 43.2 38.90N 141.04E 8-1 3.0
 IDC I 03 09 12 55.8-3.2 39.14N 139.89E 126-36 3.2,3.2

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=6.7km s-min=5.0km az=76.3.
 JMA Event type fe.
 IDC Error ellipse: s-maj=113.5km s-min=28.7km az=110.0.
 ISC I 04 20 17 19.4-00 39.95N-04 142.3E-10 44-8 3.2b 23 0-72
 NIED I 04 20 17 00 40.00N 142.40E 50 3.8W **19257642**

JMA I 04 20 17 19.1-10 39.97N 142.41E 38-1 3.6
 ISCJB I 04 20 17 18.2-00 39.97N-04 142.4E-10 48-8 3.2b
 IDC I 04 20 17 21.8-4.3 40.03N 142.27E 69-24 3.5,3.3

NIED Moment Tensor Solution. Best double couple: NP1:φ=25.00000°,δ79.00000°,λ98.00000°.
 NP2:φ=169.00000°,δ13.00000°,λ55.00000°. M5:74000×10¹⁴
 JMA Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 ISCJB Error ellipse: s-maj=14.2km s-min=6.5km az=12.4.
 IDC Error ellipse: s-maj=87.5km s-min=18.5km az=109.0.
 ISC I 09 23 17 08.5-1.2 38.84N-05 142.4E-10 46-10 4.0b 32 1-59
 NIED I 09 23 17 00 38.80N 142.40E 65 3.8W **19185116**

IDC I 09 23 17 04.9-2.8 39.25N 142.23E 0 3.4,3.3L
 NEIC I 09 23 17 07.6 38.80N 142.42E 42 4.7b,3.7W
 JMA I 09 23 17 07.6-10 38.80N 142.42E 42-2 3.9,3.7W
 ISCJB I 09 23 17 07.6-12 38.83N-05 142.4E-10 55-9 4.0b,3.7W
 MOS I 09 23 17 08.5-88 39.27N 142.96E 33 4.9b,3.7W

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=26.00000°,δ66.00000°,λ117.00000°.
 NP2:φ=154.00000°,δ36.00000°,λ44.00000°. M5:07000×10¹⁴
 IDC Error ellipse: s-maj=75.9km s-min=27.7km az=139.0.
 NEIC Event type fe. Recorded [1 JMA] in Iwate Prefecture. After JMA. Moment Tensor Solution. M5:10000×10¹⁴
 JMA Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=16.4km s-min=7.7km az=31.7.
 MOS Error ellipse: s-maj=23.4km s-min=15.8km az=56.2.
 ISC I 11 13 58 39.0-97 37.40N-04 141.72E-10 46-12 3.3b 29 1-57
 JMA I 11 13 58 37.7-1.1 37.43N-05 141.8E-10 50-12 3.3b **19480349**

ISCJB I 11 13 58 38.7-10 37.40N 141.73E 42-3 3.4
 NEIC I 11 13 58 38.7 37.40N 141.73E 42 3.4
 IDC I 11 13 58 40.4-2.3 37.49N 141.50E 57-23 3.5,3.4

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=14.8km s-min=6.8km az=41.9.

JMA Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.
 NEIC Event type se. After JMA.
 IDC Error ellipse: s-maj=30.2km s-min=15.7km az=105.0.
 ISC I 15 22 53 56.5-73 36.54N-04 141.04E-06 43-6 3.8b 39 0-75
 ISCJB I 15 22 53 55.4-69 36.51N-04 141.05E-06 50-5 3.8b **19257863**

IDC I 15 22 53 56.5-1.9 36.55N 141.04E 43-17 3.9,3.8L
 JMA I 15 22 53 57.3-10 36.54N 141.04E 49-1 4.0,3.8L
 NEIC I 15 22 53 57.4 36.55N 141.04E 49 4.0b,3.8L
 NIED I 15 22 54 00 36.60N 140.90E 41 3.8W,3.8L

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=8.9km s-min=5.6km az=58.3.
 IDC Error ellipse: s-maj=14.9km s-min=11.2km az=79.0.
 JMA Event type fe.
 NEIC Event type fe. Recorded [2 JMA] in Ibaraki and Tochigi; [1 JMA] in Chiba, Fukushima, Gumma and Saitama Prefectures. After JMA.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=196.00000°,δ83.00000°,λ-134.00000°.
 NP2:φ=99.00000°,δ45.00000°,λ-10.00000°. M6:28000×10¹⁴
 ISC I 21 13 46 18.6-67 36.91N-04 140.33E-06 113-5 3.1b 35 0-57
 ISCJB I 21 13 46 17.5-66 36.91N-04 140.33E-06 118-5 3.1b **19484487**

IDC I 21 13 46 18.8-2.1 37.00N 140.29E 122-18 3.6,3.2
 JMA I 21 13 46 19.0-10 36.87N 140.32E 108-1 3.0,3.2
 NEIC I 21 13 46 19.1 36.87N 140.32E 108 3.0,3.2

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=9.0km s-min=6.1km az=79.4.
 IDC Error ellipse: s-maj=25.9km s-min=21.3km az=87.0.
 JMA Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 NEIC Event type se. After JMA.
 ISC I 25 21 21 26.7-67 36.09N-04 140.02E-06 72-5 3.1b 25 0-56
 ISCJB I 25 21 21 25.7-66 36.08N-04 140.03E-07 78-5 3.1b **19486029**

JMA I 25 21 21 27.2-10 36.12N 139.99E 68-1 2.6
 IDC I 25 21 21 28.9-3.3 35.86N 139.82E 90-22 3.3,3.1

ISCJB Error ellipse: s-maj=9.0km s-min=6.9km az=41.2.
 JMA Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 IDC Error ellipse: s-maj=42.5km s-min=23.4km az=70.0.
 ISC I 26 16 41 31.0-99 38.03N-04 142.58E-08 40-9 3.9b 49 1-68
 NIED I 26 16 41 00 38.00N 142.70E 26 3.9W **19227255**

JMA I 26 16 41 28.2-10 38.00N 142.65E 32-2 4.3
 ISCJB I 26 16 41 29.2-10 38.02N-04 142.65E-08 42-8 3.9b
 MOS I 26 16 41 31.2-1.3 38.09N 142.41E 59 4.8b
 IDC I 26 16 41 32.1-2.3 38.03N 142.51E 46-21 3.8L,3.7
 NEIC I 26 16 41 33.9-2.0 38.07N 142.34E 63-19 4.4b,3.7
 BJI I 26 16 41 33.8 38.10N 142.30E 63 4.7b,4.3b

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=18.00000°,δ69.00000°,λ87.00000°.
 NP2:φ=205.00000°,δ22.00000°,λ97.00000°. M6:88000×10¹⁴
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 ISCJB Event type fe. Error ellipse: s-maj=11.5km s-min=6.5km az=34.9.
 MOS Error ellipse: s-maj=14.4km s-min=13.0km az=86.5.
 IDC Error ellipse: s-maj=29.5km s-min=15.9km az=107.0.
 NEIC Event type se. Error ellipse: s-maj=19.7km s-min=17.8km az=106.0.
 ISC I 30 08 37 33.8-31 36.35N-03 140.16E-04 113-2 4.0b 74 0-148
 NIED I 30 08 37 00 36.40N 140.10E 113 4.1W **19079582**

ISCJB I 30 08 37 32.8-32 36.35N-03 140.15E-04 118-2 4.0b
 IDC I 30 08 37 33.6-51 36.32N 140.19E 114-4 4.0,3.8
 MOS I 30 08 37 33.1-1.6 36.45N 140.12E 118 4.5b,3.8
 NEIC I 30 08 37 33.0-60 36.21N 140.24E 110 4.4b,3.8
 JMA I 30 08 37 34.6-10 36.35N 140.10E 107-1 3.9,3.8

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=2.00000°,δ51.00000°,λ-120.00000°.
 NP2:φ=225.00000°,δ47.00000°,λ-58.00000°. M1:38000×10¹⁵
 ISCJB Event type fe. Error ellipse: s-maj=5.8km s-min=4.1km az=28.9.
 IDC Error ellipse: s-maj=8.6km s-min=8.4km az=15.0.
 MOS Error ellipse: s-maj=16.6km s-min=11.5km az=130.3.
 NEIC Event type se. Error ellipse: s-maj=15.8km s-min=10.2km az=176.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=225.00000°,δ49.00000°,λ-62.00000°. NP2: φ=5.00000°,δ49.00000°,λ-118.00000°. Principal axes: T P1g0.0000°,Az115.0000°; N P1g21.0000°,Az25.0000°; P P1g69.0000°,Az205.0000°
 ISC I 30 18 47 19.3-10 40.72N-04 142.66E-07 17-12 3.3b 25 1-66
 ISCJB I 30 18 47 19.0-1.1 40.72N-04 142.69E-08 23-8 3.3b **19488031**

JMA I 30 18 47 19.1-20 40.66N 142.72E 23-3 3.3
 IDC I 30 18 47 23.3-4.4 40.84N 142.54E 50-27 3.4,3.3

ISCJB Error ellipse: s-maj=10.3km s-min=5.0km az=48.9.
 JMA Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.
 IDC Error ellipse: s-maj=87.3km s-min=19.2km az=106.0.
 JMA I 01 16 16 02.1-40 34.71N 140.20E 60-3 0.9 **1910344102**

JMA Error ellipse: s-maj=3.3km s-min=2.7km az=-1.0.
 JMA I 04 06 24 31.8 40.19N 141.90E 39-1 3.9
 NIED I 04 06 24 00 40.20N 141.90E 59 3.8W **19257637**

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=323.00000°,δ65.00000°,λ154.00000°. NP2:φ=65.00000°,δ66.00000°,λ28.00000°. Principal axes: T P1g36.0000°,Az285.0000°; N P1g54.0000°,Az103.0000°; P P1g1.0000°,Az194.0000°
 NIED Moment Tensor Solution. Best double couple: NP1:φ=320.00000°,δ75.00000°,λ158.00000°.
 NP2:φ=56.00000°,δ69.00000°,λ16.00000°. M4:92000×10¹⁴
 ISC I 20 09 02 05.1-6 40.17N-05 142.5E-10 33-7 3.7b 21 1-49
 NIED I 20 09 02 00 40.10N 142.50E 35 3.7W **19257956**

ISCJB I 20 09 02 03.6-1.2 40.19N-05 142.52E-10 33 3.7b
 IDC I 20 09 02 03.3-9.8 40.50N 142.07E 0 3.7b,3.7
 NIED I 20 09 02 04.6-10 40.12N 142.47E 35-1 3.8,3.7

Moment Tensor Solution. Best double couple: NP1:φ=245.00000°,δ47.00000°,λ-105.00000°.
 NP2:φ=87.00000°,δ45.00000°,λ-74.00000°. M3:74000×10¹⁴
 ISCJB Error ellipse: s-maj=10.7km s-min=7.1km az=171.3.
 IDC Error ellipse: s-maj=193.5km s-min=43.0km az=96.0.
 JMA Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 JMA I 21 14 30 42.0-10 36.42N 140.80E 46-1 3.9
 NIED I 21 14 30 00 36.40N 140.80E 50 3.7W **19484501**

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=308.00000°,δ69.00000°,λ29.00000°.
 NP2:φ=206.00000°,δ63.00000°,λ156.00000°. M3:46000×10¹⁴
 ISC I 21 16 01 51.8-67 36.05N-06 140.24E-05 42 3.8b 29 0-71
 NIED I 21 16 01 00 36.00N 140.30E 38 4.3W **19257980**

ISCJB I 21 16 01 50.4-67 36.01N-05 140.28E-05 42 3.8b
 JMA I 21 16 01 50.9-10 36.00N 140.23E 42-1 3.5
 IDC I 21 16 01 50.6-7.6 35.91N 140.31E 31-57 3.5,3.5
 NEIC I 21 16 01 52.0-92 36.02N 140.22E 35 4.6b,4.3W

ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=345.00000°,δ78.00000°,λ-86.00000°.
 NP2:φ=146.00000°,δ13.00000°,λ-109.00000°. M3:62000×10¹⁵
 ISCJB Event type fe. Error ellipse: s-maj=8.0km s-min=5.9km az=148.2.
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=222.00000°,δ32.00000°,λ11.00000°. NP2:φ=123.00000°,δ84.00000°,λ22.00000°. Principal axes: T P1g42.0000°,Az63.0000°; N P1g31.0000°,Az300.0000°; P P1g32.0000°,Az187.0000°
 IDC Error ellipse: s-maj=26.8km s-min=22.4km az=138.0.
 NEIC Event type se. Error ellipse: s-maj=22.9km s-min=15.9km az=202.0. Moment Tensor Solution. M3:60000×10¹⁵
 ISC I 26 19 49 18.3-71 35.36N-04 140.43E-06 62-6 3.4b 27 0-55
 ISCJB I 26 19 49 17.5-74 35.35N-04 140.43E-06 68-5 3.4b **19486529**

JMA I 26 19 49 18.4-10 35.42N 140.44E 56-2 2.7
 IDC I 26 19 49 25.2-1.3 34.73N 138.56E 72-13 3.3,3.3

ISCJB Error ellipse: s-maj=7.9km s-min=6.4km az=142.0.
 JMA Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 IDC Error ellipse: s-maj=33.3km s-min=6.0km az=70.0.
 ISC I 14 06 30 09.1-38 36.18N-03 140.05E-05 55-3 4.3b 94 0-148
 NIED I 14 06 30 00 36.20N 140.00E 59 4.3W **19078635**

BJI I 14 06 30 08.7 35.99N 139.91E 78 4.9b,4.7b
 IDC I 14 06 30 08.8-1.6 36.14N 140.04E 54-16 4.4L,4.3
 MOS I 14 06 30 08.8-95 36.12N 139.89E 69 4.4b,4.3
 ISCJB I 14 06 30 08.2-39 36.15N-03 140.04E-05 63-3 4.3b,4.3

ISC	V	16 08 23 34.3-95	37.23N-06	142.30E-09	23	3.6b	21	1-57	
NIED	V	16 08 23 00	37.20N	142.30E	32	3.5W		19261617	
IDC	V	16 08 23 30.3-2.5	37.32N	142.59E	0	4.1,4.0			
ISCJB	V	16 08 23 32.3-92	37.20N-06	142.41E-08	23	3.6b,4.0			
JMA	V	16 08 23 32.9-20	37.19N	142.31E	23-4	3.9,4.0			
NIED	Moment Tensor Solution. Best double couple: NP1:φ:13.00000°, δ60.00000°, λ59.00000°. NP2:φ:242.00000°, δ42.00000°, λ131.00000°. M:2.10000×10 ¹⁴								
IDC	Error ellipse: s-maj=44.9km s-min=28.0km az=63.0.								
ISCJB	Error ellipse: s-maj=9.6km s-min=7.6km az=128.6.								
JMA	Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.								
JMA	I	27 02 19 02.3-10	38.12N	144.64E	49	3.5		19486644	
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.								
JMA	I	26 21 45 09.8-40	40.51N	145.44E	46	3.5		19486566	
JMA	Error ellipse: s-maj=2.2km s-min=3.4km az=1.0.								
JMA	I	26 05 03 53.2-20	40.13N	143.99E	42	3.6		19486163	
JMA	Error ellipse: s-maj=1.1km s-min=1.7km az=1.0.								
JMA	I	18 15 53 39.8-10	37.82N	142.26E	34-2	3.5		19482810	
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.								
JMA	I	18 14 27 34.3-10	37.83N	142.13E	35-2	3.8		19482740	
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.								
ISC	I	05 07 37 28.0-1.8	33.94N-05	141.80E-08	15-13	3.5b	28	1-66	
IDC	I	05 07 37 26.0-1.3	34.06N	141.87E	0	3.7,3.5b		19477809	
JMA	I	05 07 37 26.5-30	33.90N	141.98E	41	3.5,3.5b			
ISCJB	I	05 07 37 28.9-1.2	33.97N-06	141.83E-09	36-11	3.5b,3.5b			
ISC	I	10 14 03 42.8-2.3	33.29N-08	142.43E-08	33-21	3.3b	21	2-67	
JMA	I	10 14 03 41.3-30	33.38N	142.48E	90	3.0		19479947	
ISCJB	I	10 14 03 42.3-1.4	33.34N-07	142.4E-10	44-18	3.3b			
IDC	I	10 14 03 44.4-5.8	33.30N	142.37E	45-65	3.4L,3.4			
JMA	Error ellipse: s-maj=2.2km s-min=2.8km az=1.0.								
ISCJB	Error ellipse: s-maj=15.0km s-min=11.4km az=117.4.								
IDC	Error ellipse: s-maj=49.7km s-min=24.1km az=107.0.								
ISC	I	17 10 19 02.0-1.6	40.86N-03	144.49E-05	29-12	3.7b	57	2-86	
IDC	I	17 10 18 57.8-97	40.74N	144.61E	0	3.8,3.7b		18185282	
JMA	I	17 10 19 00.6-10	40.83N	144.60E	50	3.9,3.7b			
NIED	I	17 10 19 00	40.80N	144.60E	11	3.7W,3.7b			
MOS	I	17 10 19 00.9-89	40.74N	144.49E	33	4.1b,3.7b			
NEIC	I	17 10 19 00.6	40.83N	144.60E	50	3.9,3.7b			
ISCJB	I	17 10 19 01.0-53	40.84N-03	144.50E-05	33	3.7b,3.7b			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:13.00000°, δ47.00000°, λ-71.00000°. NP2:φ:167.00000°, δ47.00000°, λ-109.00000°. M:4.30000×10 ¹⁴								
NEIC	Event type se. After JMA.								
ISCJB	Event type se.								
ISC	I	17 12 12 33.8-1.6	33.81N-06	141.71E-09	4-10	3.6b	26	1-54	
JMA	I	17 12 12 33.2-30	33.73N	141.88E	37	3.5		19482354	
ISCJB	I	17 12 12 34.1-1.6	33.83N-06	141.78E-08	18-13	3.6b			
NEIC	I	17 12 12 39.1-3.6	33.79N	141.50E	38-32	3.5			
IDC	I	17 12 12 40.1-3.7	33.82N	141.49E	46-36	3.6,3.5			
ISC	Event type se.								
JMA	Error ellipse: s-maj=2.2km s-min=2.8km az=1.0.								
ISCJB	Event type se. Error ellipse: s-maj=11.6km s-min=9.3km az=134.9.								
NEIC	Event type se. Error ellipse: s-maj=39.6km s-min=26.7km az=100.0.								
IDC	Error ellipse: s-maj=44.6km s-min=24.4km az=98.0.								
ISC	I	18 16 44 51.3-1.7	37.86N-05	142.12E-07	12-9	3.5b	25	1-58	
ISCJB	I	18 16 44 49.2-81	37.82N-05	142.23E-06	10	3.5b		19482831	
IDC	I	18 16 44 49.1-1.4	37.80N	142.25E	0	3.7,3.6			
JMA	I	18 16 44 51.5-10	37.83N	142.18E	36-2	3.8,3.6			
ISCJB	Error ellipse: s-maj=7.9km s-min=5.7km az=79.5.								
IDC	Error ellipse: s-maj=31.2km s-min=24.8km az=104.0.								
JMA	Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.								
ISC	I	18 17 34 40.9-1.3	37.76N-05	142.19E-06	5-7	3.9b,3.6s	38	1-146	
NIED	I	18 17 34 00	37.80N	142.20E	20	3.8W,3.6s		18185333	
ISCJB	I	18 17 34 39.8-58	37.74N-05	142.28E-05	10	3.9b,3.6s			
IDC	I	18 17 34 40.4-97	37.74N	142.28E	0	4.0,3.9			
MOS	I	18 17 34 42.9-68	37.77N	142.28E	33	4.4b,3.9			
JMA	I	18 17 34 42.9-20	37.80N	142.16E	35-3	4.3,3.9			
NEIC	I	18 17 34 45.9-1.5	37.71N	142.17E	39-13	4.2b,3.9			
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:171.00000°, δ65.00000°, λ96.00000°. NP2:φ:337.00000°, δ25.00000°, λ77.00000°. M:6.44000×10 ¹⁴								
ISCJB	Event type fe. Error ellipse: s-maj=6.7km s-min=5.6km az=129.1.								
IDC	Error ellipse: s-maj=24.6km s-min=21.0km az=129.0.								
MOS	Error ellipse: s-maj=16.8km s-min=13.3km az=59.3.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=13.5km s-min=11.5km az=99.0.								
ISC	I	20 17 01 10.3-3.2	37.84N-06	142.13E-08	18-22	3.4b	22	1-63	
NIED	I	20 17 01 00	37.80N	142.20E	29	3.5W		19257960	
IDC	I	20 17 01 08.0-1.2	37.69N	142.74E	0	3.7,3.5			
JMA	I	20 17 01 10.2-20	37.84N	142.20E	35-3	3.8,3.5			
ISCJB	I	20 17 01 11.3-1.7	37.87N-07	142.2E-20	43-20	3.4b,3.5			
NIED	Moment Tensor Solution. Best double couple: NP1:φ:78.00000°, δ86.00000°, λ-28.00000°. NP2:φ:170.00000°, δ62.00000°, λ-176.00000°. M:1.97000×10 ¹⁴								
ISC	I	21 15 12 53.2-1.5	38.08N-07	144.7E-10	38-20	3.3b	21	3-59	
NIED	I	21 15 12 00	38.10N	144.60E	8	3.5W		19257979	
IDC	I	21 15 12 47.0-2.6	37.91N	145.12E	0	3.7,3.5b			
ISCJB	I	21 15 12 51.9-1.6	38.10N-06	144.7E-10	60-23	3.3b,3.5b			
JMA	I	21 15 12 52.4-10	38.06N	144.63E	57	3.7,3.5b			
NIED	Moment Tensor Solution. Best double couple: NP1:φ:204.00000°, δ62.00000°, λ-89.00000°. NP2:φ:22.00000°, δ28.00000°, λ-93.00000°. M:2.15000×10 ¹⁴								
IDC	Error ellipse: s-maj=61.1km s-min=32.0km az=76.0.								
ISCJB	Error ellipse: s-maj=14.6km s-min=9.2km az=54.2.								
JMA	Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.								
ISC	I	30 11 14 59.1-2.4	37.80N-06	143.18E-10	15-18	3.6b	22	2-79	
NIED	I	30 11 14 00	37.80N	143.40E	5	3.5W		19258155	
IDC	I	30 11 14 55.1-2.1	37.83N	143.65E	0	3.9s,3.9			
JMA	I	30 11 14 57.3-10	37.76N	143.37E	46	3.7,3.9			
ISCJB	I	30 11 14 58.4-2.3	37.75N-06	143.21E-08	24-18	3.6b,3.9			
NIED	Moment Tensor Solution. Best double couple: NP1:φ:55.00000°, δ70.00000°, λ129.00000°. NP2:φ:168.00000°, δ43.00000°, λ30.00000°. M:2.25000×10 ¹⁴								
JMA	I	18 14 29 37.6-20	37.82N	142.18E	28-3	3.8		19482742	
JMA	Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.								
ISC	I	01 16 16 00.2-1.9	36.30N-05	142.0E-10	5-9	3.2b	17	1-45	
ISCJB	I	01 16 16 01.0-2.1	36.29N-05	142.1E-10	21-15	3.2b		19476345	
JMA	I	01 16 16 00.7-30	36.32N	142.13E	79	2.5			
IDC	I	01 16 16 16.9-1.7	34.66N	137.77E	0	3.4,3.3b			
ISCJB	Error ellipse: s-maj=19.1km s-min=8.8km az=167.7.								
JMA	Error ellipse: s-maj=1.1km s-min=3.6km az=1.0.								
IDC	Error ellipse: s-maj=34.5km s-min=21.7km az=55.0.								
JMA	I	14 22 15 49.5-20	33.48N	141.18E	51	3.7			
NIED	I	14 22 15 00	33.50N	141.20E	41	3.9W		19257846	
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.9km az=1.0.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:322.00000°, δ68.00000°, λ47.00000°. NP2:φ:209.00000°, δ48.00000°, λ149.00000°. M:7.00000×10 ¹⁴								
ISC	I	18 14 25 27.5-11	37.86N-02	142.10E-02	23	5.7b,5.2s	858	1-164	
NIED	I	18 14 25 00	37.80N	142.30E	17	5.5W,5.2s		18036032	
BJI	I	18 14 25 24.3	37.78N	141.84E	9	5.7b,5.6s			
MOS	I	18 14 25 25.8-97	37.84N	142.07E	23	5.9b,5.7s			
JMA	I	18 14 25 25.6-20	37.80N	142.20E	36-2	5.7,5.7s			
ISCJB	I	18 14 25 26.0-11	37.81N-02	142.12E-02	24	5.7b,5.2s			
IDC	I	18 14 25 26.2-3.0	37.78N	142.13E	18-18	5.5,5.5			
NEIC	I	18 14 25 27.6-1.1	37.77N	142.13E	26-7	5.8b,5.7W			
HRVD	I	18 14 25 27.6-20	37.92N	142.18E	20	5.5W,5.7W			
BGS	I	18 14 25 29.2	37.75N	141.76E	33	5.6b,5.7W			
SZGRF	I	18 14 25 34.9	38.82N	142.19E	33	5.5b,5.5s			
ISC	Event type fe.								

NIED	Moment Tensor Solution. Best double couple: NP1:φ:203.00000°, δ63.00000°, λ94.00000°. NP2:φ:14.00000°, δ28.00000°, λ82.00000°. M:1.82000×10 ¹⁷								
MOS	Error ellipse: s-maj=6.4km s-min=4.1km az=103.7.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.8km az=1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=2.7km s-min=1.8km az=129.3.								
IDC	Error ellipse: s-maj=11.8km s-min=9.3km az=115.0.								
NEIC	Event type fe. Error ellipse: s-maj=3.0km s-min=2.3km az=156.0. Felt in northeastern Honshu and as far south as Tokyo. Recorded [3 JMA] in Fukushima, Iwate and Miyagi; [2 JMA] in Akita, Aomori, Ibaraki, Tochigi and Yamagata; [1 JMA] in Chiba, Gumma, Nagano, Niigata, Tokyo and Saitama Prefecture. Moment Tensor Solution. s23 Moment tensor: NP1:φ:307.00000°, δ14.00000°, λ21.00000°. NP2:φ:197.00000°, δ85.00000°, λ103.00000°. Principal axes: T 4.5900,Plg48.0000°, Azm 120.0000°. N -0.8000,Plg13.0000°, Azm16.0000°. P -3.7900,Plg39.0000°, Azm275.0000°. M:4.20000×10 ¹⁷ Moment Tensor Solution. M:1.80000×10 ¹⁷								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s71.c130; Mantle waves: s84.c166;Half duration: 1s4 Moment tensor: NP1:φ:107Nm; M:1.64±03 M:0.18±02; M:0.145±02; M:0.87±05; M:0.37±02; M:0.143±05; Best double couple: NP1:φ:6.00000°, δ23.00000°, λ71.00000°. NP2:φ:206.00000°, δ68.00000°, λ98.00000°. Principal axes: T 2.3870,Plg63.0000°, Azm130.0000°. N -0.1490,Plg7.0000°. Azm24.0000°. P -2.2340,Plg23.0000°, Azm290.0000°. M:2.31100×10 ¹⁷								
SZGRF	Near east coast of eastern Honshu, Japan.								
ISC	I	02 20 07 26.4-94	38.27N-04	144.78E-07	55-9	4.4b	62	3-75	
NIED	I	02 20 07 00	38.20N	144.70E	8	3.8W		198184780	
IDC	I	02 20 07 21.2-1.2	38.07N	144.90E	0	4.0L,4.0			
MOS	I	02 20 07 22.3-1.5	38.14N	145.04E	33	4.8b,4.0			
ISCJB	I	02 20 07 25.3-1.1	38.29N-04	144.74E-07	67-10	4.3b,4.0			
JMA	I	02 20 07 26.3-20	38.18N	144.66E	57	4.5,4.0			
NEIC	I	02 20 07 27.4-1.7	38.26N	144.76E	69-15	4.9b,4.0			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:185.00000°, δ58.00000°, λ-96.00000°. NP2:φ:16.00000°, δ32.00000°, λ-81.00000°. M:5.04000×10 ¹⁴								
IDC	Error ellipse: s-maj=28.0km s-min=23.3km az=108.0.								
MOS	Error ellipse: s-maj=15.0km s-min=11.2km az=95.4.								
ISCJB	Event type se. Error ellipse: s-maj=10.0km s-min=5.3km az=56.3.								
JMA	Error ellipse: s-maj=1.1km s-min=1.7km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=20.5km s-min=9.7km az=103.0. Moment Tensor Solution. M:5.00000×10 ¹⁴								
ISC	I	08 07 17 55.2-1.3	39.10N-07	143.6E-10	25		17	1-5	
ISCJB	I	08 07 17 53.8-1.3	39.11N-07	143.6E-10	25			19478866	
JMA	I	08 07 17 53.0-20	39.10N	143.66E	25-5	3.5			
ISCJB	Error ellipse: s-maj=13.0km s-min=7.5km az=67.3.								
JMA	Error ellipse: s-maj=1.1km s-min=1.7km az=1.0.								
ISC	I	08 22 25 09.8-1.3	38.19N-03	144.83E-05	23-10	4.2b,3.9s	87	3-145	
NIED	I	08 22 25 00	38.20N	144.70E	5	4.1W,3.9s		18035713	
IDC	I	08 22 25 05.5-81	38.06N	145.02E	0	4.5L,4.4			
ISCJB	I	08 22 25 06.8-1.3	38.16N-04	144.83E-05	15-9	4.2b,3.9s			
MOS	I	08 22 25 09.1-1.1	38.21N	144.96E	33	4.3b,3.9s			
BJI	I	08 22 25 09.6	38.35N	144.88E	9	4.7b,4.2b	</		

JMA	Error ellipse: s-maj=2.2km s-min=1.7km az=-1.0.						
NIED	Moment Tensor Solution. Best double couple: NP1:φ:225.00000°,δ73.00000°,λ-44.00000°; NP2:φ:330.00000°,δ48.00000°,λ-157.00000°; M:1.55000×10 ¹⁴						
JMA	10 00 21 39.4-20	37.21N	142.12E	32-5	3.6		19814524
JMA	Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.						
ISC	IV 10 16 55 29.2-64	38.33N-04	143.37E-06	10	3.7b	41	2-74
NIED	IV 10 16 55 00	38.30N	143.50E	26	3.8W		110697666
JMA	IV 10 16 55 26.2-10	38.26N	143.53E	12	4.2		
IDC	IV 10 16 55 27.8-10	38.33N	143.47E	0	3.9,3.7		
ISCJB	IV 10 16 55 27.2-64	38.33N-04	143.47E-06	10	3.7b,3.7		
NEIC	IV 10 16 55 29.3-63	38.35N	143.47E	10	4.1b,3.7		
MOS	IV 10 16 55 30.4-84	38.33N	143.42E	33	4.3b,3.7		
ISC	Event type se.						
NIED	Moment Tensor Solution. Best double couple: NP1:φ:22.00000°,δ55.00000°,λ88.00000°; NP2:φ:206.00000°,δ35.00000°,λ93.00000°; M:6.03000×10 ¹⁴						
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.						
IDC	Error ellipse: s-maj=30.2km s-min=17.7km az=86.0.						
ISCJB	Event type se. Error ellipse: s-maj=7.2km s-min=5.8km az=72.8.						
NEIC	Event type se. Error ellipse: s-maj=13.4km s-min=9.3km az=129.0.						
MOS	Error ellipse: s-maj=14.4km s-min=12.7km az=104.3.						
ISC	IV 14 08 35 37.3-10	36.22N-08	142.4E-10	35	3.7b	26	2-75
ISCJB	IV 14 08 35 34.8-10	36.21N-08	142.5E-10	33	3.7b		18646022
JMA	IV 14 08 35 34.3-40	36.23N	142.52E	76	3.0		
MOS	IV 14 08 35 44.5-1.9	35.76N	141.51E	85	4.0b		
NEIC	IV 14 08 35 47.7-1.8	35.64N	141.27E	100-15	3.7b		
IDC	IV 14 08 35 47.4-3.7	35.62N	141.33E	95-34	3.7s,3.7		
ISC	Event type se.						
ISCJB	Event type se. Error ellipse: s-maj=14.2km s-min=9.3km az=99.4.						
JMA	Error ellipse: s-maj=2.2km s-min=3.6km az=-1.0.						
MOS	Error ellipse: s-maj=30.0km s-min=14.3km az=36.1.						
NEIC	Event type se. Error ellipse: s-maj=22.4km s-min=15.9km az=85.0.						
IDC	Error ellipse: s-maj=32.9km s-min=20.4km az=94.0.						
ISC	IV 21 02 54 55.8-21	37.47N-04	142.91E-08	33-17	3.8b	33	2-74
ISCJB	IV 21 02 54 54.3-1.3	37.44N-04	142.93E-09	35-11	3.8b		19597604
JMA	IV 21 02 54 54.0-20	37.46N	142.96E	50	3.7		
IDC	IV 21 02 54 57.1-1.6	38.24N	142.38E	0	3.9,3.8b		
NEIC	IV 21 02 54 59.3-1.2	38.17N	142.23E	10	4.1b,3.8b		
ISC	Event type se.						
ISCJB	Event type se. Error ellipse: s-maj=12.6km s-min=5.9km az=30.5.						
JMA	Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.						
IDC	Error ellipse: s-maj=45.5km s-min=26.2km az=80.0.						
NEIC	Event type se. Error ellipse: s-maj=25.3km s-min=14.5km az=116.0.						

(230) Near south coast of eastern Honshu.

ISC	IV 21 16 44 24.9-51	34.88N-03	139.22E-05	10-3	4.0b,4.0s	47	0-79
NIED	IV 21 16 44 00	34.90N	139.20E	5	4.3W,4.0s		110697998
IDC	IV 21 16 44 22.2-79	35.00N	139.65E	0	4.0,3.9		
NEIC	IV 21 16 44 23.8-86	35.10N	139.60E	10	4.6b,4.2W		
JMA	IV 21 16 44 24.8	34.89N	139.20E	-1	4.8,4.2W		
ISCJB	IV 21 16 44 24.6-51	34.88N-03	139.24E-05	18-4	4.0b,4.0s		
MOS	IV 21 16 44 24.0-1.3	35.08N	140.05E	33	4.4b,4.0s		
ISC	Event type fe.						
NIED	Moment Tensor Solution. Best double couple: NP1:φ:149.00000°,δ90.00000°,λ32.00000°; NP2:φ:59.00000°,δ58.00000°,λ179.00000°; M:2.85000×10 ¹⁵						
IDC	Error ellipse: s-maj=25.5km s-min=9.3km az=73.0.						
NEIC	Event type fe. Error ellipse: s-maj=21.4km s-min=12.9km az=74.0. Recorded [3 JMA] in Shizuoka; [2 JMA] in Kanagawa and Tokyo; [1 JMA] in Chiba Prefectures. Moment Tensor Solution. M:2.90000×10 ¹⁵						
JMA	Error ellipse: s-maj=25.5km s-min=9.3km az=73.0.						
ISCJB	Event type fe. Error ellipse: s-maj=8.1km s-min=4.7km az=116.8.						
MOS	Error ellipse: s-maj=22.1km s-min=10.9km az=108.3.						
ISC	IV 20 17 50 39.2-42	34.92N-02	139.22E-02	12-2	5.4s,5.2b	668	0-157
NIED	IV 20 17 50 00	34.90N	139.20E	8	5.6W,5.2b		110697888
IDC	IV 20 17 50 36.8-38	34.88N	139.15E	0	5.3,3.5s		
ISCJB	IV 20 17 50 38.7-41	34.86N-02	139.17E-02	19-2	5.4s,5.2b		
JMA	IV 20 17 50 39.5	34.94N	139.20E	7-1	5.8,5.2b		
MOS	IV 20 17 50 39.2-1.1	34.85N	139.13E	22	5.5s,5.4b		
NEIC	IV 20 17 50 40.5-15	34.86N	139.21E	23	5.6W,5.6W		
BJI	IV 20 17 50 40.4	34.90N	139.20E	22	5.8s,5.6b		
HRVD	IV 20 17 50 40.5-10	34.92N	139.20E	12	5.6W,5.6b		
SZGRF	IV 20 17 50 43.7	35.41N	140.21E	33	5.5s,5.3b		
ISC	Event type fe.						
NIED	Moment Tensor Solution. Best double couple: NP1:φ:81.00000°,δ84.00000°,λ-164.00000°; NP2:φ:349.00000°,δ74.00000°,λ-6.00000°; M:2.76000×10 ¹⁷						
IDC	Error ellipse: s-maj=15.4km s-min=8.8km az=79.0.						
ISCJB	Event type fe. Error ellipse: s-maj=3.4km s-min=3.3km az=173.3.						
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ:178.00000°,δ86.00000°,λ-3.00000°; NP2:φ:268.00000°,δ87.00000°,λ-176.00000°; Principal axes: T P1g1.0000°,AzM43.0000°; N P1g5.0000°,AzM302.0000°; P P1g5.0000°,AzM133.0000°						
MOS	Error ellipse: s-maj=8.7km s-min=4.1km az=109.0.						
NEIC	Event type fe. Error ellipse: s-maj=4.6km s-min=4.0km az=165.0. Felt in the Tokyo-Shizuoka area. Recorded [4 JMA] in Kanagawa, Shizuoka and Tokyo; [3 JMA] in Chiba and Yamaguchi; [2 JMA] in Aichi, Nagano, Saitama and Tochigi; [1 JMA] in Gifu, Gumma, Ibaraki, Niigata and Shiga Prefectures. Moment Tensor Solution. M:2.80000×10 ¹⁷ Moment Tensor Solution. s6 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.59 Mm:0.19 M:0.79 M:1.04 M:2.39 M:0.11 Best double couple: NP1:φ:81.00000°,δ80.00000°,λ155.00000°; NP2:φ:176.00000°,δ65.00000°,λ11.00000°; Principal axes: T 2.5500,Plg25.0000°,AzM36.0000°; N 0.2900,Plg63.0000°,AzM241.0000°; P -2.8300,Plg10.0000°,AzM131.0000°; M:2.70000×10 ¹⁷						
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s81,c154; Mantle waves: s106,c269; Half duration: 155 Moment tensor: Scale 10 ¹⁷ Nm; Mr:0.32; c1 Mm:0.84; c3 Mm:1.16; c4 Mm:0.31; c5 Mm:2.78; c6 Mm:0.05; c7 Mm:0.05; c8 Mm:0.05; Best double couple: NP1:φ:170.00000°,δ84.00000°,λ3.00000°; NP2:φ:80.00000°,δ87.00000°,λ174.00000°; Principal axes: T 2.8260,Plg6.0000°,AzM35.0000°; N 0.2970,Plg83.0000°,AzM235.0000°; P -3.1200,Plg2.0000°,AzM125.0000°; M:2.97300×10 ¹⁷						
SZGRF	Near east coast of eastern Honshu, Japan.						
ISC	IV 20 18 19 55.6-10	34.95N	139.20E	7-1	1.8		19791831
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.						
ISC	IV 20 18 20 20.6-58	34.94N-03	139.26E-06	12-3	4.0b	67	0-125
NIED	IV 20 18 20 00	34.90N	139.20E	8	4.3W		110697889
IDC	IV 20 18 20 18.6-60	34.89N	139.14E	0	4.1,4.1L		
ISCJB	IV 20 18 20 20.0-57	34.92N-03	139.29E-06	22-4	4.0b,4.1L		
MOS	IV 20 18 20 21.6-84	34.81N	139.23E	39	4.2b,4.1L		
JMA	IV 20 18 20 21.3-10	34.95N	139.20E	8-1	4.5,4.1L		
NEIC	IV 20 18 20 24.4-1.3	34.90N	139.24E	40-10	4.5b,4.3W		
ISC	Event type fe.						
NIED	Moment Tensor Solution. Best double couple: NP1:φ:357.00000°,δ87.00000°,λ-16.00000°; NP2:φ:88.00000°,δ74.00000°,λ-177.00000°; M:3.51000×10 ¹⁵						
IDC	Error ellipse: s-maj=21.4km s-min=12.2km az=77.0.						
ISCJB	Event type fe. Error ellipse: s-maj=9.0km s-min=5.1km az=134.2.						
MOS	Error ellipse: s-maj=26.7km s-min=9.2km az=110.6.						
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ:87.00000°,δ78.00000°,λ172.00000°; NP2:φ:178.00000°,δ82.00000°,λ12.00000°; Principal axes: T P1g14.0000°,AzM43.0000°; N P1g76.0000°,AzM210.0000°; P P1g3.0000°,AzM312.0000°						
NEIC	Event type fe. Error ellipse: s-maj=13.9km s-min=8.4km az=99.0. Recorded [3 JMA] in Kanagawa and Shizuoka; [2 JMA] in Chiba and Tokyo; [1 JMA] in Saitama and Yamagata Prefectures. Moment Tensor Solution. M:3.50000×10 ¹⁵						
ISC	IV 20 22 08 12.8-71	34.96N-03	139.21E-07	8-4	3.8b	41	0-78
NIED	IV 20 22 08 00	34.90N	139.20E	5	3.9W		18646231
IDC	IV 20 22 08 11.7-85	34.98N	139.32E	0	3.9,3.7		
ISCJB	IV 20 22 08 12.1-64	34.94N-03	139.22E-06	13-3	3.8b,3.7		
JMA	IV 20 22 08 12.8	34.95N	139.19E	6-1	4.0,3.7		
MOS	IV 20 22 08 14.0-1.4	34.96N	139.29E	33	4.1b,3.7		

NEIC	IV 20 22 08 16.8-5.1	35.03N	139.21E	35-35	4.1b,3.7		
ISC	Event type fe.						
NIED	Moment Tensor Solution. Best double couple: NP1:φ:359.00000°,δ71.00000°,λ-21.00000°; NP2:φ:96.00000°,δ71.00000°,λ-160.00000°; M:9.16000×10 ¹⁴						
IDC	Error ellipse: s-maj=25.1km s-min=15.0km az=76.0.						
ISCJB	Event type fe. Error ellipse: s-maj=9.0km s-min=4.9km az=156.3.						
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ:96.00000°,δ72.00000°,λ168.00000°; NP2:φ:190.00000°,δ79.00000°,λ19.00000°; Principal axes: T P1g21.0000°,AzM54.0000°; N P1g68.0000°,AzM219.0000°; P P1g5.0000°,AzM322.0000°						
MOS	Error ellipse: s-maj=27.2km s-min=12.0km az=115.2.						
NEIC	Event type se. Error ellipse: s-maj=19.6km s-min=13.2km az=99.0.						
ISC	IV 28 22 16 55.1-37	34.36N-06	138.06E-06	285-3	3.7b	63	0-83
NIED	IV 28 22 16 00	34.40N	138.10E	320	3.9W		18480496
MOS	IV 28 22 16 53.2-79	34.18N	137.81E	279	3.7b		
BJI	IV 28 22 16 53.6	34.63N	138.45E	299	4.6b,4.2b		
ISCJB	IV 28 22 16 54.0-36	34.33N-06	138.05E-06	290-3	3.7b,4.2b		
JMA	IV 28 22 16 54.8-30	34.40N	138.09E	289-3	3.6,4.2b		
NEIC	IV 28 22 16 54.8	34.40N	138.09E	289-3	3.4,4.2b		
IDC	IV 28 22 16 55.4-66	34.33N	137.87E	284-13	4.0,3.5		
ISC	Event type se.						
NIED	Moment Tensor Solution. Best double couple: NP1:φ:294.00000°,δ48.00000°,λ-70.00000°; NP2:φ:86.00000°,δ46.00000°,λ-111.00000°; M:7.38000×10 ¹⁴						
MOS	Error ellipse: s-maj=34.6km s-min=14.2km az=103.8.						
ISCJB	Event type se. Error ellipse: s-maj=9.6km s-min=7.9km az=69.9.						
JMA	Error ellipse: s-maj=2.2km s-min=1.8km az=-1.0.						
NEIC	Event type se. After JMA.						
IDC	Error ellipse: s-maj=42.7km s-min=8.5km az=70.0.						
ISC	IV 21 14 17 36.2-63	34.95N-03	139.23E-05	9-4	3.9b,3.8s	51	0-78
NIED	IV 21 14 17 00	34.90N	139.20E	5	4.5W,3.8s		19792289
IDC	IV 21 14 17 34.7-62	34.89N	139.07E	0	4.0,4.0		
ISCJB	IV 21 14 17 35.8-60	34.93N-03	139.25E-06	19-4	3.9b,3.8s		
JMA	IV 21 14 17 36.6-10	34.94N	139.20E	9-1	4.5,3.8s		
NEIC	IV 21 14 17 40.7-1.6	34.96N	139.10E	41-14	4.5b,4.4W		
MOS	IV 21 14 17 41.1-2.0	35.04N	139.14E	71	4.1b,4.4W		
ISC	Event type fe.						
NIED	Moment Tensor Solution. Best double couple: NP1:φ:87.00000°,δ80.00000°,λ-168.00000°; NP2:φ:355.00000°,δ78.00000°,λ-10.00000°; M:5.69000×10 ¹⁵						
IDC	Error ellipse: s-maj=23.9km s-min=10.1km az=75.0.						
ISCJB	Event type fe. Error ellipse: s-maj=8.3km s-min=5.3km az=145.9.						
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.						
NEIC	Event type fe. Error ellipse: s-maj=20.4km s-min=11.0km az=98.0. Recorded [3 JMA] in Kanagawa and Shizuoka; [2 JMA] in Chiba and Tokyo; [1 JMA] in Nagano and Yamagata Prefectures. Moment Tensor Solution. M:5.70000×10 ¹⁵						
MOS	Error ellipse: s-maj=27.9km s-min=11.5km az=101.1.						
ISC	IV 21 21 03 23.3-64	34.94N-03	139.22E-06	12-3	3.7b	30	0-70
NIED	IV 21 21 03 00	34.90N	139.20E	5	3.9W		19792493

ISC	III	20 10 47 02.0-39	33.81N-06	137.34E-06	348-3	3.3b	54	1-82
ISCJB	III	20 10 47 01.0-40	33.78N-06	137.34E-06	355-3	3.3b	110607125	
NEIC	III	20 10 47 01.9-60	33.74N	137.32E	349-5	3.4b		
JMA	III	20 10 47 01.1-40	33.85N	137.29E	361-4	3.2		
IDC	III	20 10 47 01.7-81	33.74N	137.30E	348-8	3.8,3.3		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=10.1km s-min=6.8km az=130.9.							
NEIC	Event type se. Error ellipse: s-maj=11.1km s-min=9.2km az=137.0.							
JMA	Error ellipse: s-maj=3.3km s-min=1.8km az=1.0.							
IDC	Error ellipse: s-maj=16.2km s-min=11.5km az=88.0.							
ISC	VI	06 20 49 43.5-75	34.1N-10	137.5E-10	340-8	2.9b	24	1-54
JMA	VI	06 20 49 43.9-40	33.97N	137.46E	354-4	2.8	19599852	
ISCJB	VI	06 20 49 44.5-77	34.1N-10	137.5E-10	347-8	2.9b		
IDC	VI	06 20 49 44.1-2.4	33.86N	137.31E	316-59	3.3,2.9		
JMA	Error ellipse: s-maj=4.4km s-min=2.8km az=1.0.							
ISCJB	Error ellipse: s-maj=20.6km s-min=12.0km az=115.3.							
IDC	Error ellipse: s-maj=120.0km s-min=26.3km az=60.0.							
ISC	V	27 22 12 01.2-64	34.48N-04	140.00E-05	93-5	3.5b	30	1-54
ISCJB	V	27 22 12 00.1-66	34.48N-04	140.01E-05	100-5	3.5b	19599476	
JMA	V	27 22 12 00.4-20	34.48N	140.01E	91-2	2.8		
IDC	V	27 22 12 03.2-2.2	34.34N	139.56E	107-9	3.9s,3.9		
ISCJB	Error ellipse: s-maj=7.5km s-min=5.5km az=118.4.							
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.							
IDC	Error ellipse: s-maj=9.77km s-min=7.5km az=71.0.							
ISC	VI	11 16 33 16.7-44	33.72N-06	137.29E-06	345-2	3.5b	68	1-82
JMA	VI	11 16 33 14.8-40	33.67N	137.31E	360-5	3.3	18750405	
BJI	VI	11 16 33 14.6	33.70N	137.30E	341	4.2b,3.9b		
ISCJB	VI	11 16 33 15.8-43	33.71N-06	137.32E-06	351-2	3.5b,3.9b		
MOS	VI	11 16 33 15.5-1.4	33.71N	137.35E	350	3.8b,3.9b		
NEIC	VI	11 16 33 16.6-87	33.69N	137.29E	342-7	4.0b,3.9b		
IDC	VI	11 16 33 16.6-96	33.75N	137.33E	344-8	4.0,3.4		
ISC	Event type se.							
JMA	Error ellipse: s-maj=4.4km s-min=2.8km az=1.0.							
ISCJB	Event type se. Error ellipse: s-maj=9.9km s-min=6.8km az=136.6.							
MOS	Error ellipse: s-maj=26.9km s-min=11.7km az=90.9.							
NEIC	Event type se. Error ellipse: s-maj=15.3km s-min=14.1km az=90.0.							
IDC	Error ellipse: s-maj=19.1km s-min=13.4km az=84.0.							
ISC	VI	02 02 31 06.1-20	34.91N-03	139.19E-04	144-1	4.4b	273	0-149
SZGRF	VI	02 02 30 57.7	35.88N	140.00E	33	4.7b	110698737	
BJI	VI	02 02 30 58.8	34.76N	139.78E	144	4.7b,4.5b		
NIED	VI	02 02 31 00	34.90N	139.20E	140	4.4W,4.5b		
MOS	VI	02 02 31 04.3-80	34.87N	139.13E	142	4.6b,4.5b		
ISCJB	VI	02 02 31 05.1-20	34.90N-03	139.17E-04	147-1	4.4b,4.5b		
JMA	VI	02 02 31 05.7-10	34.91N	139.22E	145-1	4.3,4.5b		
NEIC	VI	02 02 31 06.2-46	34.82N	139.03E	144-3	4.5b,4.4W		
IDC	VI	02 02 31 06.2-40	34.82N	138.90E	141-3	4.4,4.1		
ISC	Event type se.							
SZGRF	Near east coast of eastern Honshu, Japan.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=26.00000°,δ84.00000°,λ-100.00000°; NP2:φ=266.00000°,δ12.00000°,λ-31.00000°; M=4.33000×10 ¹⁵							
MOS	Error ellipse: s-maj=13.0km s-min=4.9km az=112.1.							
ISCJB	Event type se. Error ellipse: s-maj=5.6km s-min=4.4km az=147.0.							
JMA	Event type se. Error ellipse: s-maj=1.1km s-min=0.9km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves, NP1:φ=235.00000°,δ8.00000°,λ-61.00000°; NP2:φ=25.00000°,δ83.00000°,λ-94.00000°; Principal axes: T P1g38.0000°,Az119.0000°; N P1g4.0000°,Az26.0000°; P P1g52.0000°,Az291.0000°							
NEIC	Event type se. Error ellipse: s-maj=5.6km s-min=4.4km az=86.0. Recorded [2 JMA] in Kanagawa and Tokyo; [1 JMA] in Chiba, Ibaraki, Saitama and Tochigi Prefectures. Moment Tensor Solution. M=4.30000×10 ¹⁵							
IDC	Error ellipse: s-maj=16.0km s-min=4.9km az=71.0.							
ISC	III	21 03 17 06.1-51	34.36N-08	137.6E-10	324-6	3.0b	26	0-70
JMA	III	21 03 17 04.6-50	34.28N	137.54E	332-5	2.9	110607631	
ISCJB	III	21 03 17 05.1-51	34.33N-08	137.6E-10	329-6	3.0b		
IDC	III	21 03 17 06.3-84	34.40N	137.64E	324-24	3.7,3.2		
JMA	Error ellipse: s-maj=4.4km s-min=2.8km az=1.0.							
ISCJB	Error ellipse: s-maj=16.6km s-min=11.4km az=113.5.							
IDC	Error ellipse: s-maj=74.6km s-min=11.3km az=67.0.							
ISC	IV	12 00 48 48.2-90	33.20N-03	137.11E-03	25-6	3.9b,3.4s	71	1-84
NIED	IV	12 00 48 00	33.20N	137.10E	20	4.2W,3.4s	118320351	
MOS	IV	12 00 48 44.0-1.6	33.10N	137.16E	10	4.5b,3.4s		
IDC	IV	12 00 48 45.4-70	33.11N	137.26E	0	4.1L,4.0		
NEIC	IV	12 00 48 47.8-56	33.10N	137.01E	20	4.2b,4.0		
JMA	IV	12 00 48 48.3-10	33.19N	137.12E	40-2	4.4,4.0		
ISCJB	IV	12 00 48 48.1-61	33.17N-04	137.12E-03	35-6	3.9b,3.4s		
ISC	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=261.00000°,δ55.00000°,λ70.00000°; NP2:φ=114.00000°,δ39.00000°,λ116.00000°; M=1.94000×10 ¹⁵							
NEIC	Event type se. Recorded [1 JMA] in Nara Prefecture.							
JMA	Event type se.							
ISCJB	Event type se.							
ISC	II	01 11 35 53.8-16	35.71N-02	139.97E-02	107	4.9b	403	0-152
NAO	II	01 11 35 40.3	34.90N	140.33E	33	4.6b	118188551	
BJI	II	01 11 35 51.4	35.68N	139.88E	108	5.2b,5.0b		
ISCJB	II	01 11 35 52.4-16	35.72N-02	139.99E-02	105	4.9b,5.0b		
MOS	II	01 11 35 52.0-97	35.65N	139.80E	104	4.9b,5.0b		
IDC	II	01 11 35 53.3-48	35.64N	139.97E	105-4	4.9,4.7		
JMA	II	01 11 35 53.0-20	35.76N	140.00E	101-2	5.1,4.7		
NEIC	II	01 11 35 53.7-16	35.64N	139.81E	104	5.1W,4.7b		
SZGRF	II	01 11 35 58.9	36.81N	139.68E	105	4.8b,4.7b		
NIED	II	01 11 36 00	35.80N	140.00E	95	5.1W,4.7b		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=2.8km s-min=2.1km az=88.4.							
MOS	Error ellipse: s-maj=10.3km s-min=5.2km az=115.0.							
IDC	Error ellipse: s-maj=9.7km s-min=6.0km az=69.0.							
JMA	Event type se. Error ellipse: s-maj=1.1km s-min=1.8km az=1.0. Moment Tensor Solution. Broadband fault plane solution: P waves, NP1:φ=320.00000°,δ66.00000°,λ-174.00000°; NP2:φ=227.00000°,δ85.00000°,λ-24.00000°; Principal axes: T P1g13.0000°,Az276.0000°; N P1g65.0000°,Az36.0000°; P P1g21.0000°,Az181.0000°							
NEIC	Event type se. Error ellipse: s-maj=4.6km s-min=3.8km az=159.0. Recorded [4 JMA] in Kanagawa and Saitama; [3 JMA] in Chiba, Gumma, Ibaraki, Shizuoka, Tochigi, Tokyo and Yamaguchi; [2 JMA] in Fukushima, Miyagi, Nagano and Niigata; [1 JMA] in Iwate and Yamagata Prefectures. Moment Tensor Solution. M=5.10000×10 ¹⁶							
SZGRF	Eastern Honshu, Japan.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=324.00000°,δ84.00000°,λ-162.00000°; NP2:φ=232.00000°,δ72.00000°,λ-6.00000°; M=5.07000×10 ¹⁶							
ISC	II	24 19 33 07.1-40	34.60N-03	139.83E-03	35	3.3b	28	0-58
IDC	II	24 19 33 05.4-1.5	34.29N	138.95E	0	3.7,3.5b	19496886	
ISCJB	II	24 19 33 06.7-40	34.59N-03	139.84E-03	33	3.3b,3.5b		
JMA	II	24 19 33 07.2	34.59N	139.83E	23-1	3.4,3.5b		
IDC	Error ellipse: s-maj=53.5km s-min=18.2km az=69.0.							
ISCJB	Error ellipse: s-maj=4.1km s-min=3.8km az=8.5.							
ISC	II	26 12 36 54.0-33	34.29N-05	137.19E-05	334-2	3.5b	67	0-83
NIED	II	26 12 36 00	34.30N	137.20E	340	4.1W	118335768	
MOS	II	26 12 36 52.2-78	34.18N	137.15E	335	4.1b		
JMA	II	26 12 36 53.5-20	34.32N	137.15E	342-2	3.8		
NEIC	II	26 12 36 53.6-50	34.19N	137.11E	330-5	4.1b		
IDC	II	26 12 36 53.5-74	34.22N	137.11E	328-7	3.8,3.4		
ISCJB	II	26 12 36 53.0-33	34.28N-04	137.20E-05	341-2	3.5b,3.4		
ISC	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=160.00000°,δ65.00000°,λ122.00000°; NP2:φ=285.00000°,δ40.00000°,λ42.00000°; M=1.59000×10 ¹⁵							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	V	23 20 46 03.3-84	33.27N-03	137.16E-02	33-6	4.2s,3.9b	64	1-99
NIED	V	23 20 46 00	33.30N	137.20E	11	4.1W,3.9b	118854820	
JMA	V	23 20 46 02.4-10	33.25N	137.15E	41-2	4.3,3.9b		
NEIC	V	23 20 46 02.0-4.2	33.15N	137.22E	21-31	4.3b,3.9b		
ISCJB	V	23 20 46 02.4-51	33.26N-04	137.16E-02	41-7	4.2s,3.9b		
MOS	V	23 20 46 02.3-43	33.17N	137.33E	33	4.2b,3.9b		
IDC	V	23 20 46 03.3-6.4	33.22N	137.22E	28-47	4.0L,4.0		

ISC	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=272.00000°,δ53.00000°,λ105.00000°; NP2:φ=67.00000°,δ40.00000°,λ71.00000°; M=1.54000×10 ¹⁵							
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=1.0.							
NEIC	Event type se. Error ellipse: s-maj=18.4km s-min=12.6km az=131.0.							
ISCJB	Event type se. Error ellipse: s-maj=6.0km s-min=3.2km az=171.8.							
MOS	Error ellipse: s-maj=34.4km s-min=14.1km az=88.3.							
IDC	Error ellipse: s-maj=21.7km s-min=18.9km az=71.0.							
JMA	V	02 09 26 35.2-10	34.92N	139.33E	17-1	4.3		
NIED	V	02 09 26 00	34.90N	139.30E	8	4.0W	19261314	
JMA	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=202.00000°,δ86.00000°,λ8.00000°; NP2:φ=112.00000°,δ82.00000°,λ176.00000°; M=1.20000×10 ¹⁵							
ISC	V	02 09 24 30.4-45	34.89N-02	139.37E-02	17-2	4.7b,4.1s	236	0-149
NIED	V	02 09 24 00	34.90N	139.30E	20	4.8W,4.1s	110698240	
BJI	V	02 09 24 23.2	34.67N	140.16E	26	4.7b,4.6s		
IDC	V	02 09 24 27.1-42	34.79N	139.30E	0	4.5,4.5		
ISCJB	V	02 09 24 29.9-38	34.84N-02	139.40E-02	25-2	4.7b,4.1s		
MOS	V	02 09 24 30.9-1.1	34.80N	139.22E	33	5.0b,4.1s		
HRVD	V	02 09 24 31.5-40	34.92N	139.15E	25-1	4.9W,4.1s		
JMA	V	02 09 24 31.0-10	34.92N	139.33E	15-1	5.1,4.1s		
NEIC	V	02 09 24 31.5-21	34.77N	139.26E	26	4.8W,4.8b		
SZGRF	V	02 09 24 37.3	33.96N	139.26E	33	5.0b,4.8b		
ISC	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=286.00000°,δ87.00000°,λ158.00000°; NP2:φ=17.00000°,δ68.00000°,λ3.00000°; M=1.68000×10 ¹⁶							
IDC	Error ellipse: s-maj=17.1km s-min=10.7km az=79.0.							
ISCJB	Event type se. Error ellipse: s-maj=3.5km s-min=3.3km az=154.5.							
MOS	Error ellipse: s-maj=12.1km s-min=6.0km az=104.8.							
HRVD	Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta2 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s19,c21; Mantle waves: s75,c109; Half duration: 0; Moment tensor: Scale 10 ¹⁶ Nm; M=0.06; 12 Mw=1.17; 11; Mw=1.24; 11; Mw							

Table with columns for station name, coordinates, and seismic data. Includes stations like IDC, JMA, NEIC, ISC, NIED, ISCJB, MOS, and JMA. Data includes event type, error ellipse, and moment tensor solution details.

Table with columns for station name, coordinates, and seismic data. Includes stations like MOS, ISCJB, NEIC, IDC, JMA, ISC, NIED, ISCJB, and JMA. Data includes event type, error ellipse, and moment tensor solution details.

SEISMIC REGION 20. Southwestern Japan and Ryukyu Islands.

Table for Seismic Region 20, South Korea. Station KMA IV 29 02 01 12.8. Includes event type, error ellipse, and moment tensor solution details.

Table for Seismic Region 20, Japan. Station JMA IV 29 02 01 12.8. Includes event type, error ellipse, and moment tensor solution details.

(231) Western Honshu.

Table for Seismic Region 20, Western Honshu. Stations include ISC, NIED, ISCJB, BJI, MOS, NEIC, JMA, IDC, and ISC. Includes event type, error ellipse, and moment tensor solution details.

Table for Seismic Region 20, Japan. Stations include ISC, NIED, ISCJB, JMA, NEIC, IDC, MOS, and ISC. Includes event type, error ellipse, and moment tensor solution details.

(232) Near south coast of western Honshu.

Table for Seismic Region 20, Near south coast of western Honshu. Stations include IDC, ISC, NIED, BJI, IDC, NEIC, ISCJB, MOS, JMA, and ISC. Includes event type, error ellipse, and moment tensor solution details.

Table for Seismic Region 20, Near south coast of western Honshu. Stations include IDC, ISC, NIED, BJI, IDC, NEIC, ISCJB, MOS, JMA, and ISC. Includes event type, error ellipse, and moment tensor solution details.

NEIC	VI	04 03 51 34.3-15	33.62N	136.82E	379	4.4b,4.6b				
IDC	VI	04 03 51 34.5-69	33.63N	136.87E	382-6	4.7,4.1				
ISCJB	VI	04 03 51 34.5-20	33.62N-03	136.81E-03	391-1	4.4b,4.1				
ISC	Event type se.									
SZGRF	Near south coast of eastern Honshu, Japan.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=29.00000°,λ=112.00000°; NP2:φ=261.00000°,λ=41.00000°; M=3.36000×10 ¹⁵									
NEIC	Event type se.									
ISCJB	Event type se.									
ISC	III	02 13 25 14.4-35	33.10N-03	136.83E-03	30	4.3b,3.7s	133	1-89		
NIED	III	02 13 25 00	33.00N	136.90E	8	4.2W,3.7s		¶10595802		
JMA	III	02 13 25 11.8-10	32.99N	136.86E	39-5	3.9,3.7s				
ISCJB	III	02 13 25 12.8-35	33.08N-03	136.84E-03	28	4.3b,3.7s				
MOS	III	02 13 25 12.2-1.1	32.98N	136.99E	33	4.4b,3.7s				
BJI	III	02 13 25 12.8	33.18N	136.74E	17	4.6b,4.6b				
NEIC	III	02 13 25 14.3-40	32.93N	136.85E	32	4.5b,4.1W				
IDC	III	02 13 25 14.4-63	32.86N	136.82E	33-5	4.2,4.1				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=77.00000°,λ=56.00000°,λ=53.00000°; NP2:φ=311.00000°,λ=132.00000°; M=2.01000×10 ¹⁵									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.									
ISCJB	Event type fe. Error ellipse: s-maj=4.4km s-min=3.2km az=119.0.									
MOS	Error ellipse: s-maj=15.1km s-min=6.7km az=97.0.									
NEIC	Event type fe. Error ellipse: s-maj=10.6km s-min=8.5km az=111.0. Recorded [2 JMA] in Nara and [1 JMA] in Wakayama Prefecture. Moment Tensor Solution. M=2.00000×10 ¹⁵									
IDC	Error ellipse: s-maj=18.3km s-min=12.3km az=78.0.									
ISC	III	02 14 28 43.8-62	34.19N-04	135.20E-04	4-4	3.9b	50	0-81		
NIED	III	02 14 28 00	34.20N	135.20E	5	3.8W		¶10595831		
IDC	III	02 14 28 42.7-68	34.11N	135.24E	0	4.0,3.9				
ISCJB	III	02 14 28 43.4-55	34.17N-04	135.19E-04	13-3	3.9b,3.9				
JMA	III	02 14 28 43.7	34.21N	135.21E	4-1	4.1,3.9				
MOS	III	02 14 28 45.6-79	34.08N	135.22E	33	4.2b,3.9				
NEIC	III	02 14 28 46.8-2.6	34.13N	135.27E	26-19	4.1b,3.9				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=351.00000°,λ=44.00000°; NP2:φ=232.00000°,λ=136.00000°; M=5.47000×10 ¹⁴									
IDC	Error ellipse: s-maj=16.4km s-min=11.9km az=146.0.									
ISCJB	Event type fe. Error ellipse: s-maj=7.0km s-min=4.9km az=57.5.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=236.00000°,λ=147.00000°; NP2:φ=345.00000°,λ=63.00000°; λ=38.00000°; Principal axes: T P1g45.0000°,Az=203.0000°; N P1g45.0000°,Az=15.0000°; P P1g4.0000°; Az=109.0000°									
MOS	Error ellipse: s-maj=17.5km s-min=11.4km az=75.5.									
NEIC	Event type se. Error ellipse: s-maj=11.0km s-min=7.8km az=155.0.									
ISC	III	26 01 47 00.8-69	34.85N-04	134.77E-04	8-6		12	0-3		
ISCJB	III	26 01 47 00.3-70	34.84N-04	134.77E-05	14-4			¶10610714		
JMA	III	26 01 47 00.6	34.85N	134.78E	12	3.7				
NIED	III	26 01 47 00	34.90N	134.80E	17	3.2W				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=7.3km s-min=6.4km az=101.4.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=233.00000°,λ=161.00000°; NP2:φ=338.00000°,λ=77.00000°; λ=50.00000°; Principal axes: T P1g43.0000°,Az=209.0000°; N P1g39.0000°,Az=348.0000°; P P1g22.0000°; Az=97.0000°									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=142.00000°,λ=80.00000°,λ=74.00000°; NP2:φ=232.00000°,λ=180.00000°; M=8.05000×10 ¹³									
ISC	II	17 00 06 59.4-81	34.17N-05	135.18E-05	5	3.3b	7	0-54		
ISCJB	II	17 00 06 59.0-87	34.17N-06	135.17E-06	5	3.3b		¶19571137		
JMA	II	17 00 06 59.2	34.18N	135.17E	5-1	3.1				
IDC	II	17 00 07 42.0-6.5	28.23N	132.34E	0	3.4,3.3b				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=9.6km s-min=5.5km az=85.3.									
JMA	Event type fe.									
IDC	Error ellipse: s-maj=312.0km s-min=29.3km az=66.0.									
ISC	II	24 22 09 00.3-72	34.51N-10	135.5E-10	391-8	2.9b	20	1-54		
JMA	II	24 22 08 58.1	34.54N	135.34E	408	2.9		¶19496930		
ISCJB	II	24 22 08 59.2-73	34.4N-10	135.6E-10	399-8	2.9b				
IDC	II	24 22 09 00.1-4	34.35N	135.53E	384-18	3.3,2.8				
JMA	Error ellipse: s-maj=2.2km s-min=1.8km az=-1.0.									
ISCJB	Error ellipse: s-maj=23.8km s-min=12.4km az=119.1.									
IDC	Error ellipse: s-maj=35.8km s-min=20.2km az=60.0.									
JMA	V	22 11 32 20.2	34.21N	135.31E	7-1	3.6		¶19807574		
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=107.00000°,λ=1.00000°,λ=4.00000°; NP2:φ=200.00000°,λ=141.00000°; Principal axes: T P1g24.0000°,Az=327.0000°; N P1g51.0000°,Az=204.0000°; P P1g29.0000°; Az=71.0000°									
ISC	V	19 22 21 22.0-49	34.18N-03	135.12E-03	3-4	3.8b	35	0-69		
NIED	V	19 22 21 00	34.20N	135.10E	5	3.8W		¶18713744		
ISCJB	V	19 22 21 21.4-57	34.17N-03	135.10E-03	11-4	3.8b				
NEIC	V	19 22 21 21.8	34.19N	135.13E	6	4.0b				
JMA	V	19 22 21 21.8	34.19N	135.13E	6-1	3.9				
MOS	V	19 22 21 25.4-95	34.16N	135.24E	53	4.9b				
IDC	V	19 22 21 29.9-1.7	34.27N	135.47E	81-16	4.0,3.8				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=215.00000°,λ=117.00000°; NP2:φ=355.00000°,λ=44.00000°; λ=59.00000°; M=5.70000×10 ¹⁴									
ISCJB	Event type fe. Error ellipse: s-maj=5.0km s-min=4.4km az=101.1.									
NEIC	Event type se. After JMA.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=212.00000°,λ=89.00000°,λ=118.00000°; NP2:φ=352.00000°,λ=49.00000°; λ=62.00000°; Principal axes: T P1g69.0000°,Az=192.0000°; N P1g21.0000°,Az=12.0000°; P P1g0.0000°; Az=102.0000°									
MOS	Error ellipse: s-maj=21.6km s-min=14.5km az=70.7.									
IDC	Error ellipse: s-maj=18.0km s-min=14.1km az=170.0.									
ISC	V	08 03 45 44.0-69	34.06N-05	133.54E-05	5-6	3.4b	20	0-70		
NIED	V	08 03 45 00	34.00N	133.50E	8	3.8W		¶19131015		
ISCJB	V	08 03 45 44.1-66	34.01N-06	133.54E-05	20-7	3.4b				
NEIC	V	08 03 45 44.3	34.02N	133.53E	13	4.2				
JMA	V	08 03 45 44.3	34.02N	133.53E	13-1	4.2				
IDC	V	08 03 45 45.5-3.0	34.02N	133.53E	18-20	3.6L,3.5				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=313.00000°,λ=80.00000°,λ=42.00000°; NP2:φ=52.00000°,λ=166.00000°; M=6.27000×10 ¹⁴									
ISCJB	Event type fe. Error ellipse: s-maj=10.8km s-min=6.0km az=120.6.									
NEIC	Event type fe. Felt at Marugame and Niihama, Shikoku. Recorded [2 JMA] in Kagawa and Ehime; [1 JMA] in Tokushima and Kochi Prefectures, Shikoku. Also recorded [2 JMA] in Hiroshima and [1 JMA] in Hyogo, Okayama and Shimane Prefectures, Honshu. After JMA.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=58.00000°,λ=86.00000°,λ=157.00000°; NP2:φ=318.00000°,λ=26.00000°; λ=26.00000°; Principal axes: T P1g2.0000°,Az=8.0000°; N P1g57.0000°,Az=101.0000°; P P1g33.0000°; Az=277.0000°									
IDC	Error ellipse: s-maj=67.9km s-min=12.8km az=155.0.									
ISC	V	10 18 40 23.1-63	33.0N-10	136.4E-10	446-5	3.4b	25	1-76		
JMA	V	10 18 40 20.5-30	32.88N	136.48E	459	3.0		¶19598737		
ISCJB	V	10 18 40 21.9-63	32.9N-10	136.42E-10	449-5	3.4b				
IDC	V	10 18 40 23.6-1.9	33.04N	136.44E	449-23	3.8,3.2				
JMA	Error ellipse: s-maj=6.7km s-min=3.7km az=-1.0.									
ISCJB	Error ellipse: s-maj=18.8km s-min=11.7km az=135.2.									
IDC	Error ellipse: s-maj=36.1km s-min=13.7km az=83.0.									
ISC	V	13 07 24 20.3-99	33.15N-04	136.95E-03	23-7	3.5b	42	1-84		
NIED	V	13 07 24 00	33.10N	137.00E	20	3.8W		¶19131345		
IDC	V	13 07 24 16.9-1.0	33.11N	137.17E	0	3.8,3.6b				
ISCJB	V	13 07 24 20.4-73	33.13N-05	136.98E-03	36-9	3.5b,3.6b				
JMA	V	13 07 24 20.6-10	33.14N	136.95E	37-4	4.0,3.6b				
NEIC	V	13 07 24 20.6	33.14N	136.95E	37	4.0,3.6b				
ISC	Event type se.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=269.00000°,λ=54.00000°,λ=90.00000°; NP2:φ=90.00000°,λ=45.00000°,λ=90.00000°; M=6.50000×10 ¹⁴									
IDC	Error ellipse: s-maj=25.8km s-min=24.1km az=27.0.									
ISCJB	Event type se. Error ellipse: s-maj=7.7km s-min=4.3km az=168.3.									

JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.									
NEIC	Event type se. After JMA.									
ISC	V	14 16 42 13.3-53	34.20N-03	135.21E-03	3-3	4.4b,3.8s	138	0-152		
NIED	V	14 16 42 00	34.20N	135.20E	5	4.3W,3.8s		¶18344214		
BJI	V	14 16 42 05.8	33.84N	136.16E	18	4.7b,4.5b				
ISCJB	V	14 16 42 11.6-66	34.14N-03	135.18E-03	3-3	4.4b,3.8s				
JMA	V	14 16 42 13.0	34.22N	135.22E	3-1	4.5,3.8s				
NEIC	V	14 16 42 15.4-2.5	34.14N	135.19E	19-15	4.5b,4.3W				
IDC	V	14 16 42 15.2-2.3	34.17N	135.22E	19-15	4.3,4.3				
MOS	V	14 16 42 15.9-1.1	34.20N	135.14E	33	4.7b,4.3				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=342.00000°,λ=62.00000°,λ=53.00000°; NP2:φ=221.00000°,λ=45.00000°,λ=139.00000°; M=3.75000×10 ¹⁵									
ISCJB	Event type fe. Error ellipse: s-maj=5.6km s-min=3.9km az=6.6.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=232.00000°,λ=86.00000°,λ=151.00000°; NP2:φ=338.00000°,λ=85.00000°,λ=34.00000°; Principal axes: T P1g41.0000°,Az=197.0000°; N P1g49.0000°,Az=11.0000°; P P1g3.0000°; Az=104.0000°									
NEIC	Event type fe. Error ellipse: s-maj=7.3km s-min=5.0km az=159.0. Felt at Kobe. Recorded [4 JMA] in Wakayama; [3 JMA] in Nara and Osaka; [2 JMA] in Hyogo; [1 JMA] in Kyoto, Mie, Okayama and Shiga Prefectures. Also recorded [1 JMA] in Kagawa, Kochi and Tokushima Prefectures, Shikoku. Moment Tensor Solution. M=3.80000×10 ¹⁵									
IDC	Error ellipse: s-maj=13.1km s-min=10.8km az=139.0.									
MOS	Error ellipse: s-maj=11.0km s-min=7.4km az=94.9.									
ISC	V	31 20 53 17.6-65	34.00N-08	136.83E-08	357-5	2.9b	33	0-54		
ISCJB	V	31 20 53 16.5-66	33.96N-08	136.86E-08	363-5	2.9b		¶19599633		
IDC	V	31 20 53 17.3-1.3	33.99N	136.85E	357-26	3.8,3.2				
JMA	V	31 20 53 17.2-20	34.00N	136.81E	362-2	3.1,3.2				
ISCJB	Error ellipse: s-maj=14.7km s-min=8.6km az=111.2.									
IDC	Error ellipse: s-maj=57.5km s-min=20.1km az=70.0.									
JMA	Error ellipse: s-maj=3.3km s-min=1.8km az=-1.0.									
JMA	VI	24 13 18 44.3	33.34N	135.74E	28	4.0				
NIED	VI	24 13 18 00	33.20N	135.80E	17	3.7W		¶19262399		
JMA	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=150.00000°,λ=82.00000°,λ=70.00000°; NP2:φ=38.00000°,λ=21.00000°,λ=157.00000°; M=4.26000×10 ¹⁴									
(234) Northwest of Ryukyu Islands.										
ISC	IV	09 18 28 13.5-38	29.42N-03	128.83E-03	49-3	4.7s,4.7b	185	1-138		
NIED	IV	09 18 28 00	29.40N	128.50E	5	5.0W,4.7b		¶10697643		
IDC	IV</									

MOS	IV	28 04 19 18.6-1.3	28.03N	127.25E	33	4.2b,4.0b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=32.8km s-min=18.3km az=77.0.								
NEIC	Event type se. Error ellipse: s-maj=18.7km s-min=12.7km az=75.0.								
ISCJB	Event type se. Error ellipse: s-maj=18.6km s-min=12.4km az=146.0.								
MOS	Error ellipse: s-maj=29.9km s-min=18.6km az=96.7.								
ISC	IV	09 17 32 37.7-53	29.33N-04	128.79E-05	41-6	4.2b,4.0s	76	1-91	
NIED	IV	09 17 32 00	29.40N	128.50E	5	4.4W,4.0s			
JMA	IV	09 17 32 32.6-30	29.39N	128.51E	21	4.5,4.0s			
BJI	IV	09 17 32 33.9	29.04N	129.07E	37	4.7b,4.1s			
MOS	IV	09 17 32 35.0-1.3	29.36N	128.77E	33	4.6b,4.0s			
ISCJB	IV	09 17 32 36.4-52	29.35N-04	128.78E-04	44-6	4.2b,4.0s			
IDC	IV	09 17 32 37.8-2.5	29.31N	128.64E	43-24	4.0,4.0			
NEIC	IV	09 17 32 37.2-1.1	29.33N	128.55E	38-11	4.5b,4.4W			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=245.0000°,δ57.0000°,λ-83.0000°. NP2:φ=53.0000°,δ34.0000°,λ-100.0000°. M=4.25000×10 ¹⁵								
JMA	Error ellipse: s-maj=1.1km s-min=2.9km az=-1.0.								
MOS	Error ellipse: s-maj=13.1km s-min=7.9km az=96.4.								
ISCJB	Event type se. Error ellipse: s-maj=6.6km s-min=6.2km az=54.8.								
IDC	Error ellipse: s-maj=18.2km s-min=13.0km az=83.0.								
NEIC	Event type se. Error ellipse: s-maj=11.2km s-min=8.4km az=103.0. Moment Tensor Solution. M=4.30000×10 ¹⁵								
JMA	III	24 07 34 54.3-20	28.41N	126.60E	225	3.9			
JMA	Error ellipse: s-maj=2.2km s-min=2.0km az=-1.0.								
ISC	IV	12 16 50 46.0-69	29.34N-04	128.62E-06	4	3.3b	19	1-76	
NIED	IV	12 16 50 00	29.40N	128.50E	5	3.9W			
ISCJB	IV	12 16 50 44.7-72	29.36N-04	128.54E-06	4	3.3b			
JMA	IV	12 16 50 44.5-20	29.38N	128.53E	4	3.5			
IDC	IV	12 16 50 54.7-2.3	29.25N	128.66E	76-24	4.0s,4.0			
NIED	Moment Tensor Solution. Best double couple: NP1:φ=236.0000°,δ70.0000°,λ-84.0000°. NP2:φ=39.0000°,δ21.0000°,λ-106.0000°. M=7.67000×10 ¹⁴								
ISCJB	Error ellipse: s-maj=8.4km s-min=6.0km az=138.3.								
JMA	Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.								
IDC	Error ellipse: s-maj=32.7km s-min=19.7km az=92.0.								
ISC	IV	18 13 52 44.3-1.6	29.20N-09	129.0E-30	36-20	3.4b	7	2-53	
ISCJB	IV	18 13 52 43.0-1.6	29.20N-09	129.1E-30	45-19	3.4b			
IDC	IV	18 13 52 44.0-5.7	29.21N	128.97E	33-49	3.5,3.4			
ISCJB	Error ellipse: s-maj=37.3km s-min=15.4km az=4.4.								
IDC	Error ellipse: s-maj=49.1km s-min=18.7km az=76.0.								
JMA	VI	07 16 08 13.8-30	27.58N	126.64E	163	3.7			
JMA	Error ellipse: s-maj=3.3km s-min=3.0km az=-1.0.								
JMA	IV	11 03 58 50.0-40	29.41N	128.63E	17	3.5			
NIED	IV	11 03 58 00	29.40N	128.60E	5	3.7W			
JMA	Error ellipse: s-maj=2.2km s-min=3.9km az=-1.0.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=266.0000°,δ75.0000°,λ-73.0000°. NP2:φ=38.0000°,δ22.0000°,λ-137.0000°. M=3.61000×10 ¹⁴								
JMA	II	24 18 33 19.4-20	31.16N	128.83E	7-2	3.7			
NIED	II	24 18 33 00	31.20N	128.80E	8	3.5W			
JMA	Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=101.0000°,δ81.0000°,λ-17.0000°. NP2:φ=194.0000°,δ73.0000°,λ-170.0000°. M=2.29000×10 ¹⁴								
ISC	I	12 09 37 52.5-28	29.13N-04	128.13E-07	273-4	3.8b	56	1-92	
NIED	I	12 09 37 00	29.30N	127.80E	280	4.1W			
ISCJB	I	12 09 37 51.6-28	29.15N-04	128.09E-07	277-4	3.8b			
IDC	I	12 09 37 52.1-63	29.18N	128.00E	263-7	4.1,3.7			
NEIC	I	12 09 37 52.7-67	29.11N	128.18E	278-8	4.0b,3.7			
JMA	I	12 09 37 53.7-20	29.29N	127.83E	243	4.1,3.7			
BJI	I	12 09 38 01.8	30.02N	127.22E	277	4.3b,4.3b			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=183.0000°,δ68.0000°,λ-80.0000°. NP2:φ=337.0000°,δ24.0000°,λ-114.0000°. M=1.50000×10 ¹⁵								
ISCJB	Event type se. Error ellipse: s-maj=10.5km s-min=5.2km az=60.2.								
IDC	Error ellipse: s-maj=16.4km s-min=8.6km az=99.0.								
NEIC	Event type se. Error ellipse: s-maj=14.4km s-min=9.1km az=127.0.								
JMA	Error ellipse: s-maj=2.2km s-min=4.8km az=-1.0.								
ISC	V	01 12 48 58.1-53	28.15N-05	127.72E-07	10	3.6b,3.1s	21	1-52	
BJI	V	01 12 48 54.1	27.17N	127.26E	15	3.3b,3.1s			
ISCJB	V	01 12 48 56.9-54	28.19N-05	127.66E-07	10	3.6b,3.1s			
IDC	V	01 12 48 57.5-1.0	27.91N	127.10E	0	4.2L,3.9			
JMA	V	01 12 48 59.2-40	28.07N	127.73E	9	2.8,3.9			
NEIC	V	01 12 49 01.9-87	27.78N	127.05E	35	3.8b,3.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=9.3km s-min=6.6km az=139.1.								
IDC	Error ellipse: s-maj=37.6km s-min=12.1km az=52.0.								
JMA	Error ellipse: s-maj=2.2km s-min=2.0km az=-1.0.								
NEIC	Event type se. Error ellipse: s-maj=18.4km s-min=13.9km az=57.0.								
ISC	IV	28 04 19 45.2-55	28.30N-07	127.7E-10	14-34	4.6s,4.2b	37	2-107	
ISCJB	IV	28 04 19 43.9-3.9	28.31N-07	127.6E-10	15-28	4.6s,4.2b			
IDC	IV	28 04 19 44.4-69	28.35N	127.65E	0	4.4,4.3s			
BJI	IV	28 04 19 44.7	28.30N	127.60E	10	4.7s,4.7b			
NEIC	IV	28 04 19 44.8-50	28.33N	127.61E	10	4.6b,4.7b			
HRVD	IV	28 04 19 44.8-20	28.07N	127.45E	12	5.4W,4.7b			
SZGRF	IV	28 04 19 45.5	27.70N	127.96E	33	4.7b,4.7b			
MOS	IV	28 04 19 46.8-1.2	28.35N	127.49E	33	4.5b,4.7b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=21.3km s-min=7.8km az=120.3.								
IDC	Error ellipse: s-maj=31.5km s-min=14.7km az=72.0.								
NEIC	Event type se. Error ellipse: s-maj=20.9km s-min=9.6km az=69.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s28,c35; Mantle waves: s88,c189; Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; M=1.11±0.03 M=0.1±0.02; M=0.04±0.03; M=0.41±0.07; M=0.65±0.02; M=0.18±0.08; Best double couple: NP1:φ=225.0000°,δ41.0000°,λ61.0000°. NP2:φ=82.0000°,δ54.0000°,λ113.0000°. Principal axes: T 1.2600,Plg70.0000°,Az=46.0000°. N 0.1570,Plg19.0000°,Az=248.0000°. P -1.4090,Plg7.0000°,Az=155.0000°. M=1.33400×10 ¹⁷								
SZGRF	Ryukyu Islands, Japan.								
MOS	Error ellipse: s-maj=39.8km s-min=14.0km az=117.9.								

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NEIC	Event type se. Error ellipse: s-maj=19.3km s-min=9.9km az=107.0.								
IDC	Error ellipse: s-maj=26.7km s-min=8.4km az=107.0.								
JMA	IV	28 04 05 28.0	33.77N	130.11E	13	3.8			
NIED	IV	28 04 05 00	33.80N	130.10E	14	3.7W			
JMA	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=33.0000°,δ86.0000°,λ-172.0000°. NP2:φ=303.0000°,δ82.0000°,λ-4.0000°. M=3.39000×10 ¹⁴								
ISC	IV	06 22 42 06.4-41	31.12N-05	130.4E-10	167-3	3.8b	29	0-87	
NIED	IV	06 22 42 00	31.10N	130.40E	135	3.7W			
ISCJB	IV	06 22 42 05.3-41	31.09N-05	130.4E-10	172-3	3.8b			
IDC	IV	06 22 42 05.7-81	31.09N	130.15E	158-8	3.8s,3.8			
NEIC	IV	06 22 42 06.5-86	31.12N	130.41E	169-8	4.4b,3.8			
JMA	IV	06 22 42 07.2-10	31.13N	130.38E	161-2	3.7,3.8			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=8.0000°,δ49.0000°,λ82.0000°. NP2:φ=201.0000°,δ42.0000°,λ99.0000°. M=3.83000×10 ¹⁴								
ISCJB	Event type se. Error ellipse: s-maj=17.1km s-min=7.7km az=17.0.								
IDC	Error ellipse: s-maj=25.6km s-min=8.8km az=100.0.								
NEIC	Event type se. Error ellipse: s-maj=17.5km s-min=10.1km az=91.0.								
JMA	Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.								
ISC	IV	08 12 18 39.6-74	31.89N-04	131.55E-08	50-6	3.4b	21	0-69	
ISCJB	IV	08 12 18 38.3-75	31.87N-04	131.58E-08	57-5	3.4b			
JMA	IV	08 12 18 39.9-10	31.93N	131.50E	45-1	3.2			
IDC	IV	08 12 18 40.1-2.0	31.86N	131.49E	65-14	3.5,3.3			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=11.1km s-min=6.7km az=22.5.								
JMA	Event type se. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=340.0000°,δ66.0000°,λ168.0000°. NP2:φ=75.0000°,δ79.0000°,λ25.0000°. Principal axes: T Plg25.0000°,Az=300.0000°. N Plg63.0000°,Az=98.0000°. P Plg9.0000°,Az=206.0000°								
IDC	Error ellipse: s-maj=29.8km s-min=11.6km az=93.0.								
ISC	IV	13 15 06 32.3-89	30.81N-04	131.44E-09	43-8	3.7b	24	0-76	
ISCJB	IV	13 15 06 30.9-91	30.78N-04	131.49E-09	49-7	3.7b			
JMA	IV	13 15 06 32.2-10	30.85N	131.43E	33-2	3.4			
IDC	IV	13 15 06 32.9-2.2	30.81N	131.29E	46-14	3.7,3.6			
ISCJB	Error ellipse: s-maj=13.6km s-min=5.9km az=41.4.								
JMA	Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.								
IDC	Error ellipse: s-maj=38.8km s-min=10.2km az=103.0.								
ISC	III	27 02 50 27.8-13	32.63N-02	131.94E-02	47	5.3s,5.2b	581	0-163	
NIED	III	27 02 50 00	32.60N	132.20E	35	5.5W,5.2b			
BJI	III	27 02 50 22.3	32.36N	132.46E	44	5.6b,5.5b			
MOS	III	27 02 50 24.5-1.1	32.57N	131.77E	34	5.6s,5.4b			
ISCJB	III	27 02 50 25.8-13	32.57N-02	131.95E-02	45	5.3s,5.2b			
CSEM	III	27 02 50 25.1	32.54N	131.76E	40	5.5L,5.2b			
JMA	III	27 02 50 26.3	32.60N	132.16E	35-1	5.5,5.2b			
HRVD	III	27 02 50 26.4-20	32.70N	132.02E	22-1	5.5W,5.2b			
NEIC	III	27 02 50 26.4	32.60N	132.16E	35	5.7s,5.5W			
IDC	III	27 02 50 27.3-40	32.65N	132.19E	49-3	5.0s,5.0			
SZGRF	III	27 02 50 27.9	33.23N	133.20E	48	5.8s,5.2b			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ=206.0000°,δ88.0000°,λ-88.0000°. NP2:φ=341.0000°,δ4.0000°,λ-135.0000°. M=2.12000×10 ¹⁷								
MOS	Error ellipse: s-maj=7.2km s-min=4.0km az=106.4.								
ISCJB	Event type se. Error ellipse: s-maj=3.1km s-min=2.2km az=149.4.								
JMA	Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=20.0000°,δ33.0000°,λ-101.0000°. NP2:φ=213.0000°,δ58.0000°,λ-83.0000°. Principal axes: T Plg13.0000°,Az=298.0000°. N Plg6.0000°,Az=29.0000°. P Plg76.0000°,Az=134.0000°								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s69,c15; Mantle waves: s87,c174; Half duration: 1s4 Moment tensor: Scale 1								

NEIC Event type de. Error ellipse: s-maj=2.8km s-min=2.3km az=174.0. At least eight people injured in Miyazaki Prefecture, Kyushu; Ehime Prefecture, Shikoku; and Hiroshima and Yamaguchi Prefectures, Honshu. Felt [V] at Hiroshima and Iwakuni, Honshu. Felt widely in southern and western Japan. Recorded [5 JMA] in Oita; [4 JMA] in Kumamoto and Miyazaki; [3 JMA] in Fukuoka, Kagoshima and Saga; [2 JMA] in Nagasaki Prefectures, Kyushu. Recorded [5 JMA] in Hiroshima; [4 JMA] in Okayama, Shimane and Yamaguchi; [3 JMA] in Hyogo and Tottori; [2 JMA] in Aichi, Gifu, Kyoto, Mie, Nara, Osaka, Shiga and Wakayama; [1 JMA] in Fukui, Nagano and Shizuoka Prefectures, Honshu. Also recorded [5L JMA] in Ehime; [4 JMA] in Kagawa and Kochi; [3 JMA] in Tokushima Prefectures, Shikoku. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M₀ 1.0000×10¹⁸ Moment Tensor Solution. s69
 Moment tensor: Scale 10¹⁸Nm; Mr=3.3 Mw=0.29 M₀=3.04 Mr2=0.05 Mr3=1.43 M₀=0.97
 Best double couple: NP1:φ=43.0000°; δ61.0000°; λ112.0000°; NP2:φ=184.0000°; δ35.0000°; λ56.0000°. Principal axes: T 4.2700,Plg66.0000°; Azm354.0000°; N -0.2000,Plg19.0000°; Azm213.0000°; P -4.0700,Plg14.0000°; Azm118.0000°; M4.20000×10¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=225.0000°; δ30.0000°; λ90.0000°. NP2: φ=45.0000°; δ60.0000°; λ90.0000°. Principal axes: T Plg75.0000°; Azm315.0000°; N Plg0.0000°; Azm0.0000°; P Plg15.0000°; Azm135.0000°

HRVD Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s110,c285; Mantle waves: s114,c433; Half duration: 3s; Moment tensor: Scale 10¹⁸Nm; Mr=2.85±0.2 Mw=0.08±0.02; Mr2=2.77±0.2; Mr3=2.38±0.1; Mw=1.34±0.2; M₀ 1.56±0.2; Best double couple: NP1:φ=181.0000°; δ30.0000°; λ51.0000°. NP2: φ=45.0000°; δ67.0000°; λ110.0000°. Principal axes: T 4.2580,Plg62.0000°; Azm346.0000°; N -0.0820,Plg19.0000°; Azm217.0000°; P -4.1770,Plg20.0000°; Azm120.0000°; M4.21800×10¹⁸

SZGRF Shikoku, Japan.
 JMA III 17 05 32 29.9-10 31.66N 130.28E 215-2 3.6
 NIED III 17 05 32 00 31.70N 130.30E 200 3.8W
 JMA Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0
 NIED Moment Tensor Solution. Best double couple: NP1:φ=308.0000°; δ57.0000°; λ-72.0000°. NP2:φ=97.0000°; δ37.0000°; λ-115.0000°. M₀ 5.51000×10¹⁴

ISC III 11 04 29 26.4-1.3 30.09N-04 131.34E-08 31-8 3.6b,3.5s 25 1-77
 JMA III 11 04 29 24-30 30.05N 131.38E 29-3 3.4,3.5s
 ISCJB III 11 04 29 26.6-95 30.11N-04 131.31E-09 51-8 3.6b,3.5s
 IDC III 11 04 29 27-5.0 30.20N 131.50E 48-26 3.7,3.6
 JMA Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0
 ISCJB Error ellipse: s-maj=13.8km s-min=6.4km az=37.1.
 IDC Error ellipse: s-maj=99.2km s-min=31.9km az=105.0.
 JMA II 01 16 23 10.2-20 31.05E 131.85E 29-2 3.2
 NIED II 01 16 24 00 31.00N 131.90E 26 3.9W
 JMA Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0
 NIED Moment Tensor Solution. Best double couple: NP1:φ=50.0000°; δ55.0000°; λ92.0000°. NP2:φ=226.0000°; δ35.0000°; λ87.0000°. M₀ 7.41000×10¹⁴

JMA II 01 16 24 57.2-20 31.04N 131.86E 33-3 3.5
 Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.
 ISC II 03 00 07 43.4-72 31.35N-08 130.4E-10 167-5 3.3b 15 0-75
 IDC II 03 00 07 22.7-3.1 31.61N 130.78E 0 3.7,3.6b
 ISCJB II 03 00 07 42.2-72 31.34N-09 130.4E-20 171-5 3.3b,3.6b
 JMA II 03 00 07 44.4-10 31.33N 130.44E 161-1 3.4,3.6b
 IDC Error ellipse: s-maj=197.6km s-min=32.5km az=71.0.
 ISCJB Error ellipse: s-maj=22.1km s-min=13.7km az=154.3.
 JMA Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 ISC II 03 15 11 55.6-41 32.07N-02 129.89E-02 4-3 4.5b,4.4s 165 0-95
 NAO II 03 15 11 45.9-30 30.98N 133.97E 33 4.7b,4.4s
 IDC II 03 15 11 54.5-54 32.08N 129.85E 0 4.4,4.3
 ISCJB II 03 15 11 55.7-42 32.07N-02 129.86E-02 16-3 4.5b,4.4s
 JMA II 03 15 11 55.6 32.08N 129.88E 12-1 5.1,4.4s
 SZGRF II 03 15 11 56.2 30.98N 131.41E 33 4.9b,4.4s
 MOS II 03 15 11 58.1-1.7 32.02N 130.01E 33 4.9b,4.5s
 BJI II 03 15 11 58.3 32.02N 129.75E 28 5.0s,4.9b
 NEIC II 03 15 11 59.8-68 32.10N 129.85E 35-6 4.8W,4.7b
 NIED II 03 15 12 00 32.10N 129.90E 5 4.8W,4.7b
 ISC Event type fe.
 IDC Error ellipse: s-maj=15.4km s-min=11.4km az=114.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.5km s-min=3.4km az=75.7.
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=293.0000°; δ61.0000°; λ0.0000°. NP2: φ=203.0000°; δ90.0000°; λ151.0000°. Principal axes: T Plg20.0000°; Azm154.0000°; N Plg61.0000°; Azm23.0000°; P Plg20.0000°; Azm251.0000°

SZGRF Kyushu, Japan.
 MOS Error ellipse: s-maj=9.5km s-min=6.1km az=101.2.
 NEIC Event type fe. Error ellipse: s-maj=6.4km s-min=4.9km az=166.0. Recorded [4 JMA] in Kumamoto; [3 JMA] in Kagoshima and Saga; [2 JMA] in Fukuoka, Miyazaki, Nagasaki and Oita Prefectures. Moment Tensor Solution. M₀ 2.10000×10¹⁶

NIED Moment Tensor Solution. Best double couple: NP1:φ=292.0000°; δ86.0000°; λ-24.0000°. NP2:φ=24.0000°; δ66.0000°; λ-176.0000°. M₀ 2.09000×10¹⁶

JMA II 07 09 16 31.5 32.08N 129.88E 12-1 3.9
 NIED II 07 09 16 00 32.10N 129.90E 11 3.9W
 JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=320.0000°; δ60.0000°; λ-12.0000°. NP2: φ=56.0000°; δ79.0000°; λ-149.0000°. Principal axes: T Plg13.0000°; Azm185.0000°; N Plg58.0000°; Azm74.0000°; P Plg29.0000°; Azm282.0000°

NIED Moment Tensor Solution. Best double couple: NP1:φ=228.0000°; δ84.0000°; λ-168.0000°. NP2:φ=136.0000°; δ78.0000°; λ-6.0000°. M₀ 6.81000×10¹⁴

ISC II 19 07 08 31.4-81 30.57N-04 131.18E-09 36-6 3.5b 30 0-77
 NIED II 19 07 08 00 30.60N 131.20E 26 3.8W
 ISCJB II 19 07 08 30.2-84 30.54N-04 131.21E-09 43-6 3.5b
 JMA II 19 07 08 31.2-10 30.58N 131.18E 30-1 3.5
 NEIC II 19 07 08 31.2 30.58N 131.18E 30 3.5
 IDC II 19 07 08 33.2-1.8 30.60N 130.96E 51-16 3.6,3.5
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=166.0000°; δ49.0000°; λ76.0000°. NP2:φ=7.0000°; δ43.0000°; λ106.0000°. M₀ 6.59000×10¹⁴

ISCJB Event type fe. Error ellipse: s-maj=13.9km s-min=5.7km az=34.4.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
 NEIC Event type se. After JMA.
 IDC Error ellipse: s-maj=26.3km s-min=9.3km az=98.0.
 ISC II 19 17 11 12.6-60 32.08N-02 129.89E-04 4-5 3.5b 36 0-75
 NIED II 19 17 11 00 32.10N 129.90E 5 4.0W
 JMA II 19 17 11 12.5 32.07N 129.88E 12-1 4.1
 ISCJB II 19 17 11 12.1-61 32.08N-03 129.86E-03 11-4 3.5b
 IDC II 19 17 11 13.2-89 32.34N 129.72E 0 3.7,3.7
 NEIC II 19 17 11 14.5-2.2 32.30N 129.81E 8-15 3.9b,3.7
 BJI II 19 17 11 15.1 32.17N 129.41E 8 4.6b,4.3s
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=306.0000°; δ67.0000°; λ-33.0000°. NP2:φ=50.0000°; δ60.0000°; λ-154.0000°. M₀ 1.13000×10¹⁵

JMA Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=306.0000°; δ62.0000°; λ-20.0000°. NP2: φ=45.0000°; δ73.0000°; λ-151.0000°. Principal axes: T Plg7.0000°; Azm174.0000°; N Plg56.0000°; Azm73.0000°; P Plg33.0000°; Azm268.0000°

ISCJB Event type fe. Error ellipse: s-maj=4.8km s-min=4.3km az=38.5.
 IDC Error ellipse: s-maj=21.8km s-min=12.8km az=140.0.
 NEIC Event type fe. Error ellipse: s-maj=14.9km s-min=10.8km az=91.0. Recorded [2 JMA] in Kumamoto and Kagoshima; [1 JMA] in Nagasaki Prefectures.

ISC II 22 19 09 32.0-1.2 30.25N-03 131.81E-04 34-9 3.5b,3.2s 43 1-85
 ISCJB II 22 19 09 30.5-77 30.24N-04 131.87E-05 37-7 3.5b,3.2s
 JMA II 22 19 09 30.0-10 30.22N 131.88E 48-3 3.9,3.2s
 IDC II 22 19 09 32.4-2.9 30.26N 131.77E 36-24 3.7,3.7
 NEIC II 22 19 09 32.6-75 30.26N 131.76E 39-7 3.6b,3.7
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=7.3km s-min=6.2km az=62.2.
 JMA Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
 IDC Error ellipse: s-maj=21.0km s-min=14.9km az=78.0.
 NEIC Event type se. Error ellipse: s-maj=9.1km s-min=7.0km az=118.0.
 ISC V 22 18 33 57.7-1.2 30.01N-04 131.13E-08 29-9 3.9b 31 1-77
 NIED V 22 18 33 00 30.00N 131.30E 23 4.1W
 MOS V 22 18 33 56.9-1.4 30.13N 131.00E 38 4.3b

ISCJB V 22 18 33 56.9-79 29.98N-04 131.20E-08 45-8 3.9b
 JMA V 22 18 33 56.1-20 29.97N 131.27E 33-3 3.8
 IDC V 22 18 33 58.7-6.0 30.11N 130.89E 33-49 3.7,3.6b
 NEIC V 22 18 33 59.2-1.4 30.08N 130.86E 36-17 4.7b,3.6b

ISC Event type se.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=22.0000°; δ65.0000°; λ86.0000°. NP2:φ=212.0000°; δ26.0000°; λ99.0000°. M₀ 1.58000×10¹⁵
 MOS Error ellipse: s-maj=30.3km s-min=19.9km az=72.3.
 ISCJB Event type se. Error ellipse: s-maj=12.6km s-min=5.5km az=44.7.
 JMA Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.
 IDC Error ellipse: s-maj=38.7km s-min=22.7km az=102.0.
 NEIC Event type se. Error ellipse: s-maj=26.5km s-min=13.2km az=119.0.
 ISC V 23 17 03 09.0-45 30.07N-03 131.11E-04 41-3 4.6b,4.3s 153 1-94
 NIED V 23 17 03 00 30.00N 131.30E 26 4.8W,4.3s
 BJI V 23 17 03 05.3 29.83N 131.39E 48 4.6b,4.5s
 JMA V 23 17 03 06.2-20 29.98N 131.29E 33-2 4.6,4.5s
 MOS V 23 17 03 06.2-86 30.08N 131.04E 33-2 4.7b,4.5s
 IDC V 23 17 03 07.9-4.7 30.06N 130.97E 30-34 4.3,4.2b
 ISCJB V 23 17 03 07.5-48 30.05N-03 131.16E-04 47-3 4.6b,4.3s
 HRVD V 23 17 03 09.1-50 29.94N 131.23E 32-1 4.8W,4.3s
 NEIC V 23 17 03 09.1-64 30.08N 131.03E 39-6 4.8W,4.5b
 ISC Event type se.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=19.0000°; δ63.0000°; λ70.0000°. NP2:φ=238.0000°; δ33.0000°; λ123.0000°. M₀ 1.91000×10¹⁶
 JMA Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.
 MOS Error ellipse: s-maj=9.8km s-min=6.2km az=109.2.
 IDC Error ellipse: s-maj=17.1km s-min=12.1km az=104.0.
 ISCJB Event type se. Error ellipse: s-maj=6.6km s-min=4.4km az=62.3.
 HRVD Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s25,c31; Mantle waves: s42,c61; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=1.73±1.3 Mw=0.76±0.9; Mr2=0.97±1.0; Mr3=0.89±1.0; Mw=0.77±0.5; M₀ 0.56±0.9; Best double couple: NP1:φ=213.0000°; δ30.0000°; λ76.0000°. NP2:φ=49.0000°; δ61.0000°; λ98.0000°. Principal axes: T 2.0500,Plg73.0000°; Azm339.0000°; N -0.1240,Plg7.0000°; Azm226.0000°; P -1.9270,Plg16.0000°; Azm134.0000°; M₀ 1.98800×10¹⁶

NEIC Event type se. Error ellipse: s-maj=7.7km s-min=5.2km az=119.0. Moment Tensor Solution. M₀ 1.90000×10¹⁶

ISC V 22 15 16 20.2-30 30.00N-02 131.08E-03 38-2 5.0s,5.0b 296 1-166
 NIED V 22 15 16 00 29.90N 131.30E 23 5.3W,5.0b
 IDC V 22 15 16 14.7-43 30.04N 130.99E 0 4.8s,4.8
 BJI V 22 15 16 16.2 29.83N 131.32E 39 5.2s,5.1s
 JMA V 22 15 16 17.1-20 29.92N 131.29E 32-3 5.0,5.1s
 ISCJB V 22 15 16 18.2-34 29.98N-02 131.07E-03 36-3 5.0s,5.0b
 MOS V 22 15 16 18.5-89 30.16N 130.96E 33 5.0b,4.9s
 NEIC V 22 15 16 20.5-53 30.01N 131.01E 39-4 5.2W,5.0b
 HRVD V 22 15 16 20.5-30 30.00N 131.36E 29-1 5.3W,5.5b
 SZGRF V 22 15 16 21.0 30.19N 131.18E 33 4.8b,5.0b
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=31.0000°; δ53.0000°; λ94.0000°. NP2:φ=205.0000°; δ37.0000°; λ85.0000°. M₀ 8.84000×10¹⁶
 IDC Error ellipse: s-maj=12.9km s-min=11.4km az=91.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.
 ISCJB Event type fe. Error ellipse: s-maj=4.2km s-min=2.6km az=71.2.
 MOS Error ellipse: s-maj=8.1km s-min=5.7km az=100.7.
 NEIC Event type fe. Error ellipse: s-maj=5.0km s-min=3.9km az=134.0. Recorded [1 JMA] in Kagoshima Prefecture. Moment Tensor Solution. M₀ 8.80000×10¹⁶

HRVD Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s36,c47; Mantle waves: s66,c111; Half duration: 1s1 Moment tensor: Scale 10¹⁷Nm; Mr=0.98±0.6 Mw=0.20±0.4; Mr2=0.77±0.4; Mr3=0.37±0.6; Mw=0.35±0.2; M₀ 0.68±0.6; Best double couple: NP1:φ=204.0000°; δ26.0000°; λ87.0000°. NP2:φ=27.0000°; δ65.0000°; λ92.0000°. Principal axes: T 1.2520,Plg70.0000°; Azm300.0000°; N -0.0360,Plg1.0000°; Azm206.0000°; P -1.2150,Plg20.0000°; Azm116.0000°; M₀ 2.23400×10¹⁷

SZGRF Kyushu, Japan.
 V 03 23 04 09.8-63 30.58N-04 131.16E-07 36-5 3.9b 44 0-86
 MOS V 03 23 04 07.1-81 30.61N 131.18E 33 4.3b
 ISCJB V 03 23 04 08.5-68 30.53N-04 131.19E-08 44-5 3.9b
 JMA V 03 23 04 09.1-10 30.56N 131.21E 29-1 4.0
 NEIC V 03 23 04 09.9-76 30.58N 131.10E 36-7 4.1b
 IDC V 03 23 04 10.3-2.7 30.60N 131.04E 39-24 3.7,3.7
 ISC Event type fe.
 MOS Error ellipse: s-maj=21.2km s-min=12.0km az=110.3.
 ISCJB Event type fe. Error ellipse: s-maj=11.5km s-min=6.0km az=44.7.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
 NEIC Event type se. Error ellipse: s-maj=9.3km s-min=6.2km az=98.0.
 IDC Error ellipse: s-maj=26.7km s-min=14.4km az=87.0.
 ISC V 06 11 05 47.8-96 30.07N-07 130.8E-10 46-7 3.7b,3.6s 19 1-76
 NIED V 06 11 05 00 30.00N 130.90E 35 4.0W,3.6s
 ISCJB V 06 11 05 46.2-1.0 30.01N-07 130.9E-10 52-7 3.7b,3.6s
 NEIC V 06 11 05 46.5 30.03N 130.93E 27 3.6,3.6s
 JMA V 06 11 05 46.5-2.0 30.03N 130.93E 27-2 3.6,3.6s
 IDC V 06 11 05 48.4-2.7 30.03N 130.76E 53-43 3.7,3.6s
 ISC Event type se.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=31.0000°; δ71.0000°; λ92.0000°. NP2:φ=206.0000°; δ20.0000°; λ85.0000°. M₀ 1.01000×10¹⁵

ISCJB Event type se. Error ellipse: s-maj=22.4km s-min=7.0km az=54.9.
 NEIC Event type se. After JMA.
 JMA Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.
 IDC Error ellipse: s-maj=68.9km s-min=18.7km az=127.0.
 ISC V 10 04 14 57.7-1.3 30.58N-04 131.50E-08 27-7 3.7b 22 0-74
 IDC V 10 04 14 53.0-2.7 30.71N 131.60E 0 4.0,3.9
 ISCJB V 10 04 14 56.3-1.5 30.54N-04 131.57E-09 29-8 3.7b,3.9
 JMA V 10 04 14 58.3-10 30.59N 131.46E 33-1 3.7,3.9
 IDC Error ellipse: s-maj=190.1km s-min=20.3km az=69.0.
 ISCJB Error ellipse: s-maj=12.9km s-min=6.9km az=4.5.
 JMA Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
 ISC I 03 02 20 25.5-64 31.14N-06 130.3E-20 160-6 3.2b 18 0-73
 IDC I 03 02 20 24.5-64 31.13N-06 130.3E-20 165-6 3.2b
 JMA I 03 02 20 24.3-92 31.12N 130.00E 148-9 3.5,3.2
 ISCJB I 03 02 20 26.7-10 31.17N 130.33E 153-1 3.2,3.2
 Error ellipse: s-maj=26.1km s-min=9.2km az=16.6.
 IDC Error ellipse: s-maj=52.0km s-min=9.4km az=108.0.
 JMA Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
 ISC I 16 19 26 54.2-37 31.23N-05 130.38E-06 160-3 3.5b 40 0-75
 NIED I 16 19 26 00 31.30N 130.40E 165 4.1W
 ISCJB I 16 19 26 53.0-37 31.20N-05 130.39E-07 165-3 3.5b
 IDC I 16 19 26 53.7-76 31.19N 130.29E 158-7 3.8,3.4
 NEIC I 16 19 26 54.7-77 31.22N 130.34E 164-9 4.4b,3.4
 JMA I 16 19 26 55.2-10 31.29N 130.43E 154-1 4.0,3.4
 ISC Event type se.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=334.0000°; δ80.0000°; λ41.0000°. NP2:φ=236.0000°; δ49.0000°; λ167.0000°. M₀ 4.20000×10¹⁵

ISCJB Event type se. Error ellipse: s-maj=10.0km s-min=6.2km az=61.3.
 IDC Error ellipse: s-maj=17.8km s-min=8.5km az=99.0.
 NEIC Event type se. Error ellipse: s-maj=13.2km s-min=9.7km az=116.0.
 JMA Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
 ISC I 24 12 36 51.0-82 31.53N-04 131.78E-08 44-7 3.9b,3.8s 34 0-85
 NIED I 24 12 36 00 31.50N 131.90E 29 4.4W,3.8s
 JMA I 24 12 36 49.1-10 31.52N 131.92E 25-1 4.2,3.8s
 BJI I 24 12 36 49.1 31.50N 131.90E 24 4.8b,4.3s
 ISCJB I 24 12 36 49.6-84 31.52N-05 131.88E-08 49-6 3.9b,3.8s
 NEIC I 24 12 36 49.1 31.52N 131.92E 25 4.3,3.8s
 IDC I 24 12 36 53.1-2.3 31.49N 131.47E 60-21 3.9,3.9
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=60.0000°; δ72.0000°; λ118.0000°. NP2:φ=181.0000°; δ33.0000°; λ35.0000°. M₀ 8.81000×10¹⁵

JMA Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 ISCJB Event type se. Error ellipse: s-maj=11.0km s-min=7.5km az=33.2.
 NEIC Event type se. After JMA.

IDC	Error ellipse: s-maj=26.2km s-min=13.8km az=98.0.									
JMA	I	09 09 41 57.2-10	31.76N	129.17E	13-1	3.9				
NIED	I	09 09 41 00	31.80N	129.20E	5	3.8W				
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=191.00000°,δ88.00000°,λ-122.00000°. NP2:φ=98.00000°,δ32.00000°,λ-4.00000°. M:6.40000×10 ¹⁴									
ISC	VI	08 15 42 41.1-74	31.67N-04	131.97E-07	35-8	3.8b	32	1-87		
NIED	I	03 15 42 00	31.70N	132.10E	20	4.1W				
IDC	I	03 15 42 35.6-75	31.66N	131.68E	0	4.0,3.9				
ISCJB	I	03 15 42 39.4-78	31.67N-05	132.05E-06	40-8	3.8b,3.9				
JMA	I	03 15 42 39.7-10	31.73N	132.09E	44-2	4.1,3.9				
NEIC	I	03 15 42 41.2-61	31.65N	131.89E	35	4.2b,3.9				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=192.00000°,δ79.00000°,λ-87.00000°. NP2:φ=356.00000°,δ12.00000°,λ-106.00000°. M:1.70000×10 ¹⁵									
IDC	Error ellipse: s-maj=24.5km s-min=17.0km az=97.0.									
ISCJB	Event type fe. Error ellipse: s-maj=9.9km s-min=6.8km az=82.1.									
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.									
NEIC	Event type se. Error ellipse: s-maj=12.2km s-min=9.2km az=109.0.									
JMA	I	30 15 19 40.2	33.77N	130.12E	14	3.8				
NIED	I	30 15 19 00	33.80N	130.10E	20	3.8W				
JMA	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=215.00000°,δ85.00000°,λ-170.00000°. NP2:φ=124.00000°,δ80.00000°,λ-5.00000°. M:6.50000×10 ¹⁴									
ISC	V	28 11 36 32.7-28	33.30N-03	131.80E-03	84-2	4.2b	65	0-86		
NIED	V	28 11 36 00	33.30N	131.80E	77	4.3W				
MOS	V	28 11 36 25.8-1.4	33.08N	131.46E	33	4.4b				
ISCJB	V	28 11 36 31.5-28	33.29N-04	131.83E-03	91-2	4.2b				
IDC	V	28 11 36 32.5-60	33.26N	131.71E	83-6	4.3,4.0				
BJI	V	28 11 36 32.9	33.13N	132.07E	114	4.6b,4.2b				
NEIC	V	28 11 36 32.6-31	33.25N	131.70E	82	4.5b,4.2W				
JMA	V	28 11 36 33.0	33.34N	131.80E	80-1	4.3,4.2W				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=336.00000°,δ62.00000°,λ43.00000°. NP2:φ=222.00000°,δ53.00000°,λ144.00000°. M:2.85000×10 ¹⁵									
MOS	Error ellipse: s-maj=15.3km s-min=10.9km az=84.5.									
ISCJB	Event type fe. Error ellipse: s-maj=6.2km s-min=4.2km az=124.7.									
IDC	Error ellipse: s-maj=14.5km s-min=11.4km az=138.0.									
NEIC	Event type fe. Error ellipse: s-maj=7.4km s-min=6.2km az=104.0. Recorded [3 JMA] in Oita; [2 JMA] in Kumamoto and [1 JMA] in Fukuoka and Miyazaki Prefectures. Recorded [2 JMA] in Ehime and Kochi; [1 JMA] in Kagawa Prefectures, Shikoku. Also recorded [2 JMA] in Hiroshima and Yamaguchi; [1 JMA] in Okayama and Shimane Prefectures, Honshu. Moment Tensor Solution. M:2.90000×10 ¹⁵									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=240.00000°,δ27.00000°,λ-130.00000°. NP2:φ=104.00000°,δ70.00000°,λ-72.00000°. Principal axes: T P1g23.0000°,AzM180.0000°; N P1g17.0000°,AzM277.0000°; P P1g61.0000°,AzM41.0000°									
JMA	V	19 16 42 38.4	33.31N	131.36E	8-1	3.7				
JMA	Event type fe.									
JMA	VI	28 00 24 37.8	31.60N	129.55E	11	3.9				
NIED	VI	28 00 24 00	31.60N	129.50E	5	3.4W				
JMA	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=99.00000°,δ75.00000°,λ-51.00000°. NP2:φ=207.00000°,δ42.00000°,λ-157.00000°. M:1.62000×10 ¹⁴									

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ISC	IV	21 17 24 54.1-36	33.24N-04	132.24E-04	48-4	4.0b	57	0-77		
ISCJB	IV	21 17 24 53.2-35	33.23N-04	132.26E-04	56-3	4.0b				
MOS	IV	21 17 24 53.1-88	33.23N	132.15E	56	4.1b				
JMA	IV	21 17 24 54.6	33.22N	132.27E	40	4.0				
NEIC	IV	21 17 24 56.4-75	33.29N	132.20E	68-7	3.9b				
IDC	IV	21 17 24 56.6-1.6	33.28N	132.19E	69-14	3.8,3.7				
BJI	IV	21 17 24 58.3	33.34N	132.12E	63	4.6b,3.9b				
NIED	IV	21 17 25 00	33.20N	132.30E	41	4.0W,3.9b				
ISC	Event type fe.									
ISCJB	Event type fe. Error ellipse: s-maj=6.8km s-min=5.8km az=153.1.									
MOS	Error ellipse: s-maj=17.5km s-min=12.4km az=95.5.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=330.00000°,δ56.00000°,λ-142.00000°. NP2:φ=217.00000°,δ59.00000°,λ-40.00000°. Principal axes: T P1g2.0000°,AzM274.0000°; N P1g41.0000°,AzM6.0000°; P P1g49.0000°,AzM182.0000°									
NEIC	Event type fe. Error ellipse: s-maj=9.3km s-min=8.4km az=114.0. Recorded [3 JMA] in Ehime; [2 JMA] in Kochi and Oita; [1 JMA] in Miyazaki and Yamaguchi Prefectures. Error ellipse: s-maj=18.7km s-min=16.1km az=87.0.									
IDC	Moment Tensor Solution. Best double couple: NP1:φ=199.00000°,δ52.00000°,λ-76.00000°. NP2:φ=356.00000°,δ40.00000°,λ-107.00000°. M:1.10000×10 ¹⁵									
ISC	VI	06 14 28 57.3-44	33.54N-04	132.27E-06	53-5	3.6b	28	0-74		
NIED	VI	06 14 28 00	33.60N	132.30E	50	3.7W				
ISCJB	VI	06 14 28 56.2-44	33.53N-04	132.26E-06	60-5	3.6b				
JMA	VI	06 14 28 57.5	33.56N	132.27E	49	3.6				
NEIC	VI	06 14 28 58.9-72	33.59N	132.24E	73-10	3.9				
IDC	VI	06 14 28 59.0-3.0	33.47N	132.32E	82-53	3.8,3.6				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=178.00000°,δ86.00000°,λ-73.00000°. NP2:φ=280.00000°,δ17.00000°,λ-167.00000°. M:4.62000×10 ¹⁴									
ISCJB	Event type fe. Error ellipse: s-maj=8.2km s-min=5.5km az=41.5.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=349.00000°,δ16.00000°,λ-99.00000°. NP2:φ=178.00000°,δ74.00000°,λ-87.00000°. Principal axes: T P1g29.0000°,AzM266.0000°; N P1g3.0000°,AzM357.0000°; P P1g61.0000°,AzM92.0000°									
NEIC	Event type fe. Error ellipse: s-maj=13.7km s-min=8.8km az=146.0. Recorded [1 JMA] in Ehime and Kochi Prefectures. Also recorded [1 JMA] in Hiroshima and Yamaguchi Prefectures, Honshu.									
IDC	Error ellipse: s-maj=78.4km s-min=20.9km az=128.0.									
ISC	VI	12 06 10 02.6-2.1	32.11N-04	133.08E-05	11-13	4.1b,3.7s	67	1-90		
IDC	VI	12 06 10 00.3-7.3	31.97N	132.97E	0	4.1,4.1				
NIED	VI	12 06 10 00	32.10N	133.20E	11	4.2W,4.1				
ISCJB	VI	12 06 10 02.6-1.5	32.08N-06	133.15E-04	22-9	4.1b,3.7s				
JMA	VI	12 06 10 03.1-10	32.06N	133.17E	41-2	4.0,3.7s				
MOS	VI	12 06 10 03.7-1.3	32.09N	133.10E	33	4.3b,3.7s				
NEIC	VI	12 06 10 05.2-47	31.93N	133.03E	35	4.4b,3.7s				
BJI	VI	12 06 10 07.2	31.90N	133.00E	35	4.7b,4.5b				
ISC	Event type se.									
IDC	Error ellipse: s-maj=22.9km s-min=18.7km az=84.0.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=359.00000°,δ80.00000°,λ-18.00000°. NP2:φ=92.00000°,δ73.00000°,λ-169.00000°. M:2.55000×10 ¹⁵									
ISCJB	Event type se. Error ellipse: s-maj=10.2km s-min=5.7km az=140.9.									
JMA	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.									
MOS	Error ellipse: s-maj=15.8km s-min=9.9km az=88.7.									
NEIC	Event type se. Error ellipse: s-maj=13.2km s-min=9.1km az=141.0.									
ISC	II	01 03 15 04.2-29	33.49N-03	132.28E-04	49-3	4.1b,4.0s	86	0-89		
NAO	II	01 03 14 56.4	33.29N	134.03E	33	4.2b,4.0s				
BJI	II	01 03 14 57.5	32.78N	132.80E	66	4.5b,4.0b				
NIED	II	01 03 15 00	33.50N	132.30E	44	4.2W,4.0b				
MOS	II	01 03 15 00.2-1.1	33.37N	132.11E	33	4.4b,4.0b				
ISCJB	II	01 03 15 03.3-28	33.48N-03	132.29E-04	56-2	4.1b,4.0s				
JMA	II	01 03 15 04.3	33.51N	132.30E	46	4.3,4.0s				
NEIC	II	01 03 15 04.3-38	33.45N	132.20E	50	4.3b,4.0s				
IDC	II	01 03 15 06.5-1.4	33.50N	132.16E	72-12	4.1,4.0				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=179.00000°,δ61.00000°,λ-73.00000°. NP2:φ=327.00000°,δ33.00000°,λ-118.00000°. M:2.15000×10 ¹⁵									
MOS	Error ellipse: s-maj=12.6km s-min=9.2km az=94.0.									
ISCJB	Event type fe. Error ellipse: s-maj=5.6km s-min=4.9km az=119.9.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=324.00000°,δ46.00000°,λ-130.00000°. NP2:φ=194.00000°,δ57.00000°,λ-57.00000°. Principal axes: T P1g6.0000°,AzM261.0000°; N P1g27.0000°,AzM354.0000°; P P1g62.0000°,AzM159.0000°									

NEIC	Event type fe. Error ellipse: s-maj=9.5km s-min=6.6km az=177.0. Recorded [3 JMA] in Ehime and [1 JMA] in Kagawa and Kochi Prefectures. Recorded [2 JMA] in Hiroshima and Yamaguchi; [1 JMA] in Okayama and Shimane Prefectures, Honshu. Also recorded [2 JMA] in Oita and [1 JMA] in Fukuoka and Miyazaki Prefectures, Kyushu.									
IDC	Error ellipse: s-maj=17.0km s-min=15.7km az=178.0.									
ISC	II	15 18 46 29.9-37	33.36N-04	132.23E-04	47-4	3.7b,3.3s	33	0-85		
NIED	II	15 18 46 00	33.40N	132.20E	32	3.9W,3.3s				
ISCJB	II	15 18 46 29.9-38	33.36N-04	132.24E-04	55-4	3.7b,3.3s				
NEIC	II	15 18 46 29.9	33.36N	132.23E	44	4.0,3.3s				
JMA	II	15 18 46 29.8	33.36N	132.23E	44	3.9,3.3s				
IDC	II	15 18 46 31.1-1.8	33.39N	132.17E	62-18	3.7,3.7				
ISC	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=217.00000°,δ69.00000°,λ-99.00000°. NP2:φ=61.00000°,δ23.00000°,λ-68.00000°. M:7.02000×10 ¹⁴									
ISCJB	Event type fe. Error ellipse: s-maj=6.6km s-min=5.1km az=170.0.									
NEIC	Event type fe. Recorded [2 JMA] in Ehime and Kochi Prefectures. Recorded [1 JMA] in Miyazaki and Oita Prefectures, Kyushu. Also recorded [1 JMA] in Yamaguchi Prefecture, Honshu. After JMA.									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=84.00000°,δ15.00000°,λ-23.00000°. NP2:φ=196.00000°,δ84.00000°,λ-104.00000°. Principal axes: T P1g38.0000°,AzM298.0000°; N P1g14.0000°,AzM197.0000°; P P1g49.0000°,AzM91.0000°									
IDC	Error ellipse: s-maj=23.0km s-min=16.0km az=117.0.									
JMA	IV	24 12 19 28.2	33.35N	132.36E	43	3.7				
NIED	IV	24 12 19 00	33.30N	132.40E	44	3.6W				
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=318.00000°,δ17.00000°,λ-162.00000°. NP2:φ=210.00000°,δ85.00000°,λ-74.00000°. Principal axes: T P1g38.0000°,AzM286.0000°; N P1g16.0000°,AzM29.0000°; P P1g48.0000°,AzM137.0000°									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=164.00000°,δ70.00000°,λ-87.00000°. NP2:φ=336.00000°,δ20.00000°,λ-98.00000°. M:2.95000×10 ¹⁴									
JMA	II	27 04 47 04.3	33.49N	132.58E	41	3.6				
NIED	II	27 04 47 00	33.50N	132.60E	41	3.7W				
JMA	Event type fe.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=240.00000°,δ77.00000°,λ-85.00000°. NP2:φ=40.00000°,δ14.00000°,λ-110.00000°. M:3.40000×10 ¹⁴									
ISC	V	10 20 01 01.0-47	32.63N-05	132.18E-04	47-5	3.6b,3.3s	38	1-76		
MOS	V	10 20 00 58.0-1.1	32.60N	132.01E	36	4.2b,3.3s				
ISCJB	V	10 20 00 59.9-47	32.62N-05	132.21E-04	57-4	3.6b,3.3s				
NIED	V	10 20 01 00	32.60N	132.10E	32	3.9W,3.3s				
JMA	V	10 20 01 01.0	32.61N	132.15E	31-1	3.9,3.3s				
NEIC	V	10 20 01 01.7-82	32.66N	132.10E	54-9	4.1b,3.3s				
IDC	V	10 20 01 03.2-1.6	32.65N	132.05E	67-14	3.6,3.5				
ISC	Event type fe.									
MOS	Error ellipse: s-maj=19.9km s-min=13.1km az=69.5.									
ISCJB	Event type fe. Error ellipse: s-maj=9.3km s-min=5.1km az=134.1.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=232.00000°,δ90.00000°,λ-92.00000°. NP2:φ=142.00000°,δ2.00000°,λ0.00000°. M:8.41000×10 ¹⁴									
JMA	Event type fe. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=177.00000°,δ8.00000°,λ17.00000°. NP2:φ=70.00000°,δ87.00000°,λ98.00000°. Principal axes: T P1g47.0000°,AzM348.0000°; N P1g8.0000°,AzM249.0000°; P P1g42.0000°,AzM152.0000°									
NEIC	Event type fe. Error ellipse: s-maj=11.8km s-min=9.3km az=139.0. Recorded [1 JMA] in Ehime and Kochi Prefectures. Also recorded [1 JMA] in Oita and Miyazaki Prefectures, Kyushu.									
IDC	Error ellipse: s-maj=22.5km s-min=14.8km az=66.0.									
JMA	V	16 07 23 03.8-10	32.68N	132.90E	26-1	3.6				
NIED	V	16 07 23 00	32.70N	132.90E	17	3.4W				
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.									
NIED	Moment Tensor Solution. Best double couple: NP1:φ=131.00000°,δ81.00000°,λ-163.00000°. NP2:φ=38.00000°,δ73.00000°,λ-10.00000°. M:1.55000×10 ¹⁴									
JMA	V	17 17 21 40.8	33.74N</							

NIED	Moment Tensor Solution. Best double couple: NP1:φ248.00000°,δ69.00000°,λ-94.00000°. NP2:φ79.00000°,δ21.00000°,λ-80.00000°. M3:62000×10 ¹⁵								
JMA	Event type fe. Error ellipse: s-maj=2.2km s-min=4.8km az=-1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=1.6km s-min=5.7km az=33.8.								
IDC	Error ellipse: s-maj=25.5km s-min=15.1km az=80.0.								
NEIC	Event type se. Error ellipse: s-maj=13.3km s-min=7.4km az=79.0.								
ISC	IV 15 20 03 54.5-1.7 29.24N-05 129.2E-10 21-15 3.5b,3.3s 14 1-75								
JMA	IV 15 20 03 52.5-5.0 29.29N 129.02E 23 3.1,3.3s								¶19594974
ISCJB	IV 15 20 03 53.8-1.7 29.26N-05 129.1E-10 24-15 3.5b,3.3s								
IDC	IV 15 20 03 58.9-4.9 29.04N 129.14E 61-48 3.5,3.4								
ISC	Event type fe.								
JMA	Event type fe. Error ellipse: s-maj=2.2km s-min=4.8km az=-1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=21.1km s-min=7.0km az=25.7.								
IDC	Error ellipse: s-maj=52.8km s-min=24.3km az=62.0.								
JMA	IV 15 17 42 29.6-1.0 29.33N 130.73E 27 3.5								
NIED	IV 15 17 42 00 29.30N 130.70E 17 3.5W								¶19260995
JMA	Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ326.00000°,δ86.00000°,λ-11.00000°. NP2:φ57.00000°,δ79.00000°,λ-176.00000°. M2:2.08000×10 ¹⁴								
ISC	IV 15 19 27 57.6-9.6 29.22N-03 129.47E-05 25-8 4.3b,4.0s 90 1-91								
JMA	IV 15 19 27 54.6-5.0 29.26N 129.08E 17 4.7,4.0s								¶18320609
IDC	IV 15 19 27 54.1-6.4 29.28N 129.39E 0 4.2,4.1								
ISCJB	IV 15 19 27 57.6-5.1 29.21N-03 129.42E-05 39-6 4.3b,4.0s								
BJI	IV 15 19 27 57.0 28.88N 129.72E 56 4.6b,4.5b								
MOS	IV 15 19 27 58.1-1.5 29.29N 129.40E 46 4.6b,4.5b								
NIED	IV 15 19 28 00 29.30N 129.10E 5 4.7W,4.5b								
HRVD	IV 15 19 28 01.0-4.0 29.35N 129.43E 80-5 4.9W,4.5b								
NEIC	IV 15 19 28 01.0-7.1 29.20N 129.31E 53-7 4.4b,4.5b								
ISC	Event type fe.								
JMA	Event type fe. Error ellipse: s-maj=2.2km s-min=4.9km az=-1.0.								
IDC	Error ellipse: s-maj=24.7km s-min=13.5km az=83.0.								
ISCJB	Event type fe. Error ellipse: s-maj=7.7km s-min=5.4km az=44.1.								
MOS	Error ellipse: s-maj=11.6km s-min=7.3km az=100.3.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ266.00000°,δ59.00000°,λ-104.00000°. NP2:φ112.00000°,δ34.00000°,λ-68.00000°. M1:1.16000×10 ¹⁶								
HRVD	Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s4.c4; Mantle waves: s52.c76; Half duration: 0; Moment tensor: Scale 10 ¹⁶ N; Mw:2.59±.15 Mw:0.01±.11; M ₀ :2.59±.11; M ₀ :0.41±.07; M ₀ :1.01±.14; M ₀ :0.47±.12; Best double couple: NP1:φ32.00000°,δ43.00000°,λ109.00000°. NP2:φ187.00000°,δ50.00000°,λ73.00000°. Principal axes: T 2.7290,Plg77.0000°,AzM33.0000°; N 0.2350,Plg13.0000°,AzM198.0000°; P -2.9550,Plg93.0000°,AzM288.0000°; M2:8.4200×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=8.0km s-min=6.0km az=106.0.								
ISC	IV 18 14 49 27.6-1.1 29.28N-04 129.33E-09 13-8 3.6b 22 1-75								
IDC	IV 18 14 49 26.0-1.1 29.29N 129.28E 0 3.7,3.6b								¶19595162
JMA	IV 18 14 49 26.0-4.0 29.32N 129.14E 16-3 3.3,3.6b								
ISCJB	IV 18 14 49 27.8-1.1 29.28N-04 129.30E-09 25-9 3.6b,3.6b								
NEIC	IV 18 14 49 27.6-6.6 29.26N 129.23E 10 3.9b,3.6b								
ISC	Event type fe.								
IDC	Error ellipse: s-maj=43.5km s-min=19.7km az=78.0.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=3.9km az=-1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=14.2km s-min=5.4km az=35.0.								
NEIC	Event type se. Error ellipse: s-maj=24.7km s-min=9.7km az=79.0.								
ISC	IV 19 01 06 04.6-8.3 29.33N-05 130.6E-10 51-6 3.9b 29 1-77								
NIED	IV 19 01 06 00 29.30N 130.70E 38 4.0W								¶19261054
ISCJB	IV 19 01 06 03.8-8.1 29.34N-05 130.6E-10 59-5 3.9b								
JMA	IV 19 01 06 03.4-2.0 29.34N 130.65E 64 3.9								
IDC	IV 19 01 06 05.2-2.0 29.37N 130.38E 47-14 3.7,3.6L								
NEIC	IV 19 01 06 05.9-1.2 29.39N 130.33E 50-11 4.2b,3.6L								
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ218.00000°,δ90.00000°,λ-176.00000°. NP2:φ128.00000°,δ86.00000°,λ0.00000°. M1:1.30000×10 ¹⁵								
ISCJB	Event type se. Error ellipse: s-maj=16.5km s-min=5.6km az=43.8.								
JMA	Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.								
IDC	Error ellipse: s-maj=40.9km s-min=9.7km az=112.0.								
NEIC	Event type se. Error ellipse: s-maj=19.1km s-min=10.3km az=100.0.								
ISC	IV 18 00 44 27.7-7.7 29.31N-04 130.66E-09 43-7 3.8b 31 1-77								
NIED	IV 18 00 44 00 29.30N 130.80E 5 4.3W								¶19261034
JMA	IV 18 00 44 24.0-2.0 29.27N 130.82E 13 3.9								
ISCJB	IV 18 00 44 26.7-7.7 29.31N-04 130.67E-09 52-6 3.8b								
NEIC	IV 18 00 44 27.9-1.4 29.31N 130.53E 41-12 4.4b								
IDC	IV 18 00 44 28.4-1.7 29.36N 130.44E 44-15 3.6,3.6s								
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ265.00000°,δ65.00000°,λ-116.00000°. NP2:φ134.00000°,δ35.00000°,λ-46.00000°. M2:6.80000×10 ¹⁵								
JMA	Error ellipse: s-maj=2.2km s-min=1.9km az=-1.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.4km s-min=5.4km az=43.1.								
NEIC	Event type se. Error ellipse: s-maj=18.8km s-min=9.6km az=87.0.								
IDC	Error ellipse: s-maj=27.8km s-min=9.1km az=106.0.								
ISC	IV 18 13 52 14.4-1.1 29.28N-04 129.31E-08 13-4 3.2b 15 1-49								
JMA	IV 18 13 52 13.2-4.0 29.32N 129.14E 25 2.9								¶19595158
ISCJB	IV 18 13 52 14.7-1.2 29.28N-04 129.27E-10 24-10 3.2b								
IDC	IV 18 13 52 18.5-2.9 29.20N 129.20E 40-33 3.3,3.3								
ISC	Event type fe.								
JMA	Event type fe. Error ellipse: s-maj=2.2km s-min=3.9km az=-1.0.								
ISCJB	Event type fe. Error ellipse: s-maj=14.4km s-min=5.9km az=33.3.								
IDC	Error ellipse: s-maj=50.7km s-min=21.6km az=84.0.								
ISC	VI 29 00 56 26.5-5.8 26.63N-09 126.07E-07 116-9 3.6b 29 1-79								
ISCJB	VI 29 00 56 25.6-5.8 26.62N-09 126.07E-08 122-9 3.6b								¶19600556
JMA	VI 29 00 56 26.8-3.0 26.56N 126.16E 127-3 3.3								
IDC	VI 29 00 56 26.8-2.7 26.74N 126.20E 118-25 3.6,3.4								
ISCJB	Error ellipse: s-maj=19.1km s-min=4.4km az=108.0.								
JMA	Error ellipse: s-maj=3.3km s-min=3.0km az=-1.0.								
IDC	Error ellipse: s-maj=33.6km s-min=22.9km az=57.0.								
ISC	IV 20 09 48 47.2-9.9 28.82N-04 130.05E-09 25-7 4.0s,4.0b 33 1-84								
NIED	IV 20 09 48 00 28.90N 129.90E 32 4.3W,4.0b								¶18564753
IDC	IV 20 09 48 43.1-8.2 28.78N 130.27E 0 4.1,3.9								
ISCJB	IV 20 09 48 46.3-1.1 28.79N-04 130.14E-09 33-7 4.0s,4.0b								
NEIC	IV 20 09 48 47.9 28.85N 129.88E 32 4.1b,4.0b								
JMA	IV 20 09 48 47.9-1.0 28.85N 129.88E 32 4.3,4.0b								
BJI	IV 20 09 48 50.0 29.00N 129.70E 23 4.7b,4.3b								
ISC	Event type fe.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ204.00000°,δ66.00000°,λ-72.00000°. NP2:φ345.00000°,δ30.00000°,λ-125.00000°. M3:7.10000×10 ¹⁵								
IDC	Error ellipse: s-maj=26.6km s-min=16.4km az=96.0.								
ISCJB	Event type fe. Error ellipse: s-maj=13.3km s-min=7.0km az=28.2.								
NEIC	Event type se. After JMA.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.								
IDC	IV 10 16 34 39.1-2.7 29.36N 129.08E 0 3.4,3.3b								¶19594590
IDC	Error ellipse: s-maj=96.3km s-min=22.9km az=72.0.								
JMA	IV 18 04 37 08.8-1.0 29.24N 130.80E 25 3.5								¶19790053
JMA	Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.								
JMA	IV 19 04 44 06.6-1.0 28.48N 130.62E 63-2 3.5								¶19790825
JMA	Error ellipse: s-maj=1.1km s-min=2.0km az=-1.0.								
ISC	IV 10 23 24 39.5-4.1 26.35N-05 127.38E-04 51-4 3.7b 33 0-79								
ISCJB	IV 10 23 24 38.6-4.3 26.36N-05 127.36E-05 57-4 3.7b								¶18504309
MOS	IV 10 23 24 38.6-1.2 26.50N 127.16E 48 4.3b								
JMA	IV 10 23 24 39.6-2.0 26.34N 127.37E 49-2 3.5								
NEIC	IV 10 23 24 40.0-4.3 26.48N 127.28E 49-27 4.0b								
IDC	IV 10 23 24 40.5-3.6 26.64N 127.35E 49-29 3.8,3.6								
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=9.8km s-min=4.9km az=113.2.								
MOS	Error ellipse: s-maj=85.3km s-min=24.5km az=125.0.								
JMA	Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.								
NEIC	Event type se. Error ellipse: s-maj=86.8km s-min=27.1km az=189.0.								
IDC	Error ellipse: s-maj=85.4km s-min=31.8km az=1.0.								
ISC	III 18 07 02 15.6-1.1 29.52N-03 130.25E-08 7-7 3.7b 21 0-77								

III	18 07 02 00 29.60N 130.10E 8 3.8W								¶10605819
IDC	III 18 07 02 15.1-1.0 29.51N 130.31E 0 4.0,3.8b								
ISCJB	III 18 07 02 16.7-9.1 29.54N-04 130.18E-08 22-8 3.7b,3.8b								

NIED	Moment Tensor Solution. Best double couple: NP1:φ:193.00000°,δ52.00000°,λ-69.00000°. NP2:φ:340.00000°,δ42.00000°,λ-115.00000°. M:1.05000×10 ¹⁵								
JMA	Error ellipse: s-maj=2.2km s-min=2.0km az=1.0.								
ISCJB	Error ellipse: s-maj=16.2km s-min=3.8km az=102.1.								
IDC	Error ellipse: s-maj=31.2km s-min=17.8km az=83.0.								
JMA	III 05 05 18 26.9-10 28.05N 129.02E 15-2 3.5								
JMA	Event type se. Error ellipse: s-maj=1.1km s-min=2.0km az=1.0.								
JMA	III 13 17 32 57.0-30 27.04N 127.26E 95-3 3.6								
JMA	Error ellipse: s-maj=2.2km s-min=2.0km az=1.0.								
ISC	IV 25 20 06 10.5-57 26.65N-08 126.21E-07 121-7 3.3b 33 1-51								
IDC	IV 25 20 06 03.2-5 25.92N 124.72E 0 3.6,3.4b								
ISCJB	IV 25 20 06 09.6-55 26.62N-08 126.24E-07 128-6 3.3b,3.4b								
JMA	IV 25 20 06 11.3-30 26.62N 126.24E 120-3 3.0,3.4b								
IDC	Error ellipse: s-maj=169.0km s-min=21.5km az=64.0.								
ISCJB	Error ellipse: s-maj=15.4km s-min=4.3km az=106.1.								
JMA	Error ellipse: s-maj=3.3km s-min=3.0km az=1.0.								
ISC	VI 13 07 49 13.3-15 24.11N-03 126.93E-03 23-11 4.1b,3.7s 80 2-96								
NIED	VI 13 07 49 00 24.10N 126.90E 47 4.4W,3.7s								
IDC	VI 13 07 49 09.7-67 24.00N 127.07E 0 4.2,4.1								
ISCJB	VI 13 07 49 12.0-1.3 24.07N-03 126.96E-03 28-10 4.1b,3.7s								
BJI	VI 13 07 49 13.8 24.05N 126.94E 43 4.8b,4.3b								
MOS	VI 13 07 49 13.3-87 23.98N 127.00E 43 4.5b,4.3b								
JMA	VI 13 07 49 13.5-40 24.14N 126.93E 93 4.0,4.3b								
NEIC	VI 13 07 49 15.7-45 23.97N 126.90E 46 4.4b,4.3b								
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:183.00000°,δ81.00000°,λ-168.00000°. NP2:φ:91.00000°,δ78.00000°,λ-10.00000°. M:4.02000×10 ¹⁵								
IDC	Error ellipse: s-maj=28.1km s-min=14.3km az=78.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.2km s-min=4.1km az=118.3.								
MOS	Error ellipse: s-maj=21.5km s-min=11.2km az=98.0.								
JMA	Error ellipse: s-maj=4.4km s-min=2.0km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=11.6km s-min=9.6km az=77.0.								
ISC	VI 17 19 07 57.9-92 27.46N-02 130.05E-03 13-5 4.7b,4.1s 235 1-116								
NIED	VI 17 19 07 00 27.40N 130.10E 5 4.5W,4.1s								
BJI	VI 17 19 07 54.9 27.36N 130.33E 22 4.4b,4.4b								
ISCJB	VI 17 19 07 56.0-93 27.43N-02 130.13E-03 14-5 4.7b,4.1s								
IDC	VI 17 19 07 55.7-47 27.49N 130.04E 0 4.6,4.5								
HRVD	VI 17 19 07 57.1-90 27.42N 130.28E 20-1 4.8W,4.5								
NEIC	VI 17 19 07 57.1-2.2 27.51N 130.09E 8-14 4.8b,4.5W								
JMA	VI 17 19 07 58.5-10 27.45N 130.13E 46 4.5,4.5W								
MOS	VI 17 19 07 59.2-1.4 27.54N 130.18E 33 4.8b,4.3s								
SZGRF	VI 17 19 08 05.2 26.88N 129.54E 41 5.0b,4.3s								
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:207.00000°,δ65.00000°,λ-87.00000°. NP2:φ:20.00000°,δ26.00000°,λ-96.00000°. M:6.61000×10 ¹⁵								
ISCJB	Event type se. Error ellipse: s-maj=4.2km s-min=3.3km az=94.3.								
IDC	Error ellipse: s-maj=15.2km s-min=11.2km az=80.0.								
HRVD	Error ellipse: s-maj=5.6km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: S4,c5; Mantle waves: s44,c66;Half duration: 0 Moment Tensor: Scale 10 ¹⁶ Nm; Mrr-1.68±19 Mθθ0.38±10; Mφφ1.30±12; Mφθ-0.21±22; Mθφ0.59±06; Mφθ0.05±19; Best double couple: NP1:φ:199.00000°,δ45.00000°,λ-100.00000°. NP2:φ:33.00000°,δ46.00000°,λ-81.00000°. Principal axes: T 1.5900,Plg1.0000°,Azml16.0000°; N 0.1170,Plg7.0000°,Azml206.0000°; P -1.7060,Plg83.0000°,Azml19.0000° M:0.64800×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=6.0km s-min=4.7km az=115.0. Moment Tensor Solution. M:6.60000×10 ¹⁵								
JMA	Error ellipse: s-maj=1.1km s-min=1.0km az=1.0.								
MOS	Error ellipse: s-maj=10.0km s-min=5.8km az=102.9.								
SZGRF	Ryukyu Islands, Japan.								
ISC	VI 05 06 51 13.8-60 28.36N-04 130.03E-05 25-3 4.0b 44 0-91								
NIED	VI 05 06 51 00 28.40N 130.10E 17 4.1W								
ISCJB	VI 05 06 51 12.3-79 28.31N-04 130.10E-05 28-5 4.0b								
JMA	VI 05 06 51 12.8-10 28.40N 130.06E 28-1 4.3								
MOS	VI 05 06 51 12.7-2.6 28.19N 130.22E 33 4.5b								
IDC	VI 05 06 51 16.5-2.4 28.29N 129.99E 52-22 4.4L,4.1								
NEIC	VI 05 06 51 19.7-1.6 28.13N 129.83E 80-13 4.2b,4.1								
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:276.00000°,δ89.00000°,λ-102.00000°. NP2:φ:180.00000°,δ12.00000°,λ-6.00000°. M:1.81000×10 ¹⁵								
ISCJB	Event type se. Error ellipse: s-maj=8.9km s-min=5.0km az=78.5.								
JMA	Event type se. Error ellipse: s-maj=2.2km s-min=1.0km az=1.0.								
MOS	Error ellipse: s-maj=29.8km s-min=12.5km az=115.5.								
IDC	Error ellipse: s-maj=17.4km s-min=14.1km az=85.0.								
NEIC	Event type se. Error ellipse: s-maj=24.9km s-min=11.3km az=89.0. Recorded [2 JMA] on Kikaiga-shima.								
ISC	VI 25 06 07 42.6-2.0 28.01N-03 128.14E-04 11-14 4.3b,4.1s 51 1-92								
NIED	VI 25 06 07 00 28.10N 128.00E 5 4.6W,4.1s								
BJI	VI 25 06 07 37.2 27.42N 128.53E 12 4.6b,4.5s								
IDC	VI 25 06 07 41.5-99 27.85N 127.84E 0 4.1,4.0b								
JMA	VI 25 06 07 41.0-30 28.11N 128.05E 10-3 4.7,4.0b								
ISCJB	VI 25 06 07 43.5-1.0 28.03N-04 128.11E-05 29-9 4.3b,4.1s								
HRVD	VI 25 06 07 43.1-60 28.04N 128.10E 12 4.6W,4.1s								
NEIC	VI 25 06 07 43.1-3.4 27.87N 127.82E 12-23 4.7b,4.5W								
MOS	VI 25 06 07 44.0-56 27.95N 127.91E 33 4.7b,4.5W								
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:98.00000°,δ84.00000°,λ-46.00000°. NP2:φ:194.00000°,δ44.00000°,λ-172.00000°. M:7.96000×10 ¹⁵								
IDC	Error ellipse: s-maj=47.6km s-min=13.0km az=64.0.								
JMA	Error ellipse: s-maj=1.1km s-min=1.0km az=1.0.								
ISCJB	Event type se. Error ellipse: s-maj=8.2km s-min=5.3km az=66.8.								
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: S4,c4; Mantle waves: s49,c65;Half duration: 0 Moment Tensor: Scale 10 ¹⁶ Nm; Mrr-0.09±05 Mθθ0.50±05; Mφφ0.41±05; Mφθ-0.13±15; Mθφ0.83±04; Mφθ0.02±15; Best double couple: NP1:φ:194.00000°,δ83.00000°,λ-178.00000°. NP2:φ:284.00000°,δ88.00000°,λ-7.00000°. Principal axes: T 1.0060,Plg6.0000°,Azml150.0000°; N -0.0950,Plg83.0000°,Azml301.0000°; P -0.9110,Plg3.0000°,Azml59.0000° M:0.95900×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=9.6km s-min=7.7km az=106.0. Moment Tensor Solution. M:8.00000×10 ¹⁵								
MOS	Error ellipse: s-maj=20.6km s-min=13.2km az=105.2.								
ISC	III 11 04 30 20.0-39 24.35N-04 126.81E-03 37 4.3b,3.7s 127 1-115								
NIED	III 11 04 30 00 24.30N 126.80E 59 4.6W,3.7s								
BJI	III 11 04 30 16.4 24.13N 126.80E 20 4.6b,4.3b								
JMA	III 11 04 30 17.0-20 24.34N 126.85E 92 4.6,4.3b								
MOS	III 11 04 30 17.8-1.3 24.09N 126.80E 42 4.8b,4.3b								
ISCJB	III 11 04 30 17.9-38 24.30N-03 126.86E-03 35 4.3b,3.7s								
IDC	III 11 04 30 18.7-48 24.07N 126.81E 35-3 4.1,4.1								
NEIC	III 11 04 30 19.1-35 24.03N 126.88E 36 4.6b,4.3W								
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:98.00000°,δ84.00000°,λ-85.00000°. NP2:φ:236.00000°,δ8.00000°,λ-131.00000°. M:9.01000×10 ¹⁵								
JMA	Error ellipse: s-maj=2.2km s-min=2.0km az=1.0.								
MOS	Error ellipse: s-maj=13.2km s-min=7.6km az=100.3.								
ISCJB	Event type se. Error ellipse: s-maj=5.3km s-min=3.1km az=122.1.								
IDC	Error ellipse: s-maj=20.6km s-min=11.1km az=75.0.								
NEIC	Event type se. Error ellipse: s-maj=8.6km s-min=8.2km az=157.0. Moment Tensor Solution. M:3.50000×10 ¹⁵								
ISC	III 11 23 49 21.8-61 24.26N-04 126.93E-04 35 3.6b 32 1-48								
IDC	III 11 23 49 17.7-1.2 24.16N 127.24E 0 3.7b,3.7								
ISCJB	III 11 23 49 20.0-61 24.22N-04 126.96E-04 33 3.6b,3.7								
JMA	III 11 23 49 21.0-30 24.32N 126.84E 103 2.8,3.7								
NEIC	III 11 23 49 22.5-74 24.19N 127.32E 35 3.8b,3.7								
ISC	Event type se.								
IDC	Error ellipse: s-maj=44.8km s-min=18.9km az=81.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.9km s-min=3.7km az=112.6.								
JMA	Error ellipse: s-maj=3.3km s-min=2.0km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=31.4km s-min=12.5km az=84.0.								

ISC	III 12 11 32 26.3-65 24.33N-06 126.84E-04 41 3.8s,3.7b 30 1-81								
ISCJB	III 12 11 32 24.5-65 24.28N-06 126.88E-04 39 3.8s,3.7b								
JMA	III 12 11 32 24.5-40 24.37N 126.82E 96 3.8s,3.7b								
IDC	III 12 11 32 26.7-90 24.30N 127.27E 43-8 3.7,3.7s								
NEIC	III 12 11 32 26.1-60 24.26N 127.08E 36 4.0b,3.7s								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=8.4km s-min=5.2km az=139.9.								
JMA	Error ellipse: s-maj=4.4km s-min=2.0km az=1.0.								
IDC	Error ellipse: s-maj=25.8km s-min=10.8km az=100.0.								
NEIC	Event type se. Error ellipse: s-maj=19.8km s-min=11.7km az=80.0.								

ISC	I	10 09 33 29.6-51	29.34N-04	130.63E-07	36	3.9b,3.7s	37	1-89
ISCJB	I	10 09 33 28.0-52	29.31N-04	130.68E-07	34	3.9b,3.7s		
MOS	I	10 09 33 27.1-76	29.26N	130.38E	33	4.7b,3.7s		
JMA	I	10 09 33 28.7-10	29.37N	130.59E	72-3	3.2,3.7s		
IDC	I	10 09 33 29.2-79	29.30N	130.56E	33-5	3.7,3.7		
NEIC	I	10 09 33 29.8-68	29.34N	130.43E	35	4.3b,3.7		
ISC	Event type se.							
ISCJB	Error ellipse: s-maj=9.7km s-min=4.0km az=52.5.							
MOS	Error ellipse: s-maj=32.8km s-min=16.6km az=116.3.							
JMA	Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.							
IDC	Error ellipse: s-maj=20.6km s-min=17.3km az=93.0.							
NEIC	Event type se. Error ellipse: s-maj=17.1km s-min=10.4km az=108.0.							
ISC	I	20 17 19 23.2-66	29.11N-04	130.69E-07	37-5	4.2b,3.6s	72	1-87
NIED	I	20 17 19 20	29.10N	130.70E	50	4.3W,3.6s		
JMA	I	20 17 19 21.6-10	29.13N	130.67E	80-2	3.5,3.6s		
ISCJB	I	20 17 19 22.1-67	29.11N-04	130.72E-06	45-5	4.2b,3.6s		
MOS	I	20 17 19 22.3-63	29.36N	130.56E	33	4.4b,3.6s		
NEIC	I	20 17 19 23.3-60	29.16N	130.57E	34	4.2b,3.6s		
IDC	I	20 17 19 23.1-4	29.13N	130.63E	32-5	3.8,3.8		
BJI	I	20 17 19 23.0	29.20N	130.60E	34	4.5b,4.5b		
ISC	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=192.00000°,δ90.00000°,λ-73.00000°. NP2:φ=282.00000°,δ17.00000°,λ-180.00000°. M:3.24000×10 ¹⁵							
ISCJB	Event type se. Error ellipse: s-maj=10.3km s-min=4.1km az=54.3.							
MOS	Error ellipse: s-maj=17.2km s-min=12.4km az=107.1.							
NEIC	Event type se. Error ellipse: s-maj=14.4km s-min=6.7km az=145.0.							
IDC	Error ellipse: s-maj=31.0km s-min=20.1km az=136.0.							
ISC	I	24 14 27 19.6-49	29.16N-03	130.22E-06	44-4	4.2b,4.0s	62	1-91
NIED	I	24 14 27 00	29.20N	130.20E	38	4.6W,4.0s		
JMA	I	24 14 27 18.7-10	29.18N	130.16E	57	4.4,4.0s		
ISCJB	I	24 14 27 18.3-49	29.14N-03	130.25E-06	50-4	4.2b,4.0s		
BJI	I	24 14 27 19.5	29.09N	130.33E	63	4.5b,4.1s		
NEIC	I	24 14 27 20.1-62	29.14N	130.18E	52-6	4.2b,4.1s		
IDC	I	24 14 27 20.2-1.9	29.16N	130.13E	52-18	3.9,3.9		
ISC	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=40.00000°,δ67.00000°,λ90.00000°. NP2:φ=219.00000°,δ23.00000°,λ89.00000°. M:9.71000×10 ¹⁵							
JMA	Event type se. Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.							
ISCJB	Event type se. Error ellipse: s-maj=8.9km s-min=4.2km az=45.7.							
NEIC	Event type se. Error ellipse: s-maj=8.3km s-min=5.3km az=135.0. Recorded [1 JMA] on Amami-oshima							
IDC	Error ellipse: s-maj=20.2km s-min=12.6km az=115.0.							
ISC	I	05 10 05 09.8-45	29.55N-03	130.14E-07	22	3.8b	25	0-85
ISCJB	I	05 10 05 08.5-47	29.53N-03	130.21E-07	22	3.8b		
JMA	I	05 10 05 09.2-10	29.56N	130.17E	22-2	3.6		
IDC	I	05 10 05 12.7-3.3	29.55N	130.12E	36-29	3.6,3.6s		
NEIC	I	05 10 05 13.0-1.1	29.55N	130.24E	48-11	4.3b,3.6s		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=9.0km s-min=3.8km az=33.9.							
JMA	Event type se. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.							
IDC	Error ellipse: s-maj=30.0km s-min=18.2km az=99.0.							
NEIC	Event type se. Error ellipse: s-maj=18.5km s-min=10.2km az=109.0.							
ISC	V	31 05 22 58.6-40	25.31N-05	126.61E-05	50-4	4.1b	65	1-90
NIED	V	31 05 22 00	25.30N	126.60E	38	4.4W		
MOS	V	31 05 22 55.5-1.1	25.27N	126.22E	33	4.5b		
ISCJB	V	31 05 22 57.3-43	25.27N-05	126.63E-05	55-4	4.1b		
JMA	V	31 05 22 57.0-20	25.30N	126.64E	19	4.4		
NEIC	V	31 05 22 58.9-41	25.40N	126.61E	47	4.4b		
IDC	V	31 05 22 58.7-61	25.41N	126.49E	48-5	4.0,3.9		
ISC	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=110.00000°,δ61.00000°,λ73.00000°. NP2:φ=322.00000°,δ33.00000°,λ117.00000°. M:4.13000×10 ¹⁵							
MOS	Error ellipse: s-maj=24.0km s-min=12.6km az=103.9.							
ISCJB	Event type se. Error ellipse: s-maj=10.1km s-min=3.8km az=93.1.							
JMA	Error ellipse: s-maj=2.2km s-min=2.0km az=-1.0.							
NEIC	Event type se. Error ellipse: s-maj=9.9km s-min=8.7km az=151.0.							
IDC	Error ellipse: s-maj=22.8km s-min=14.2km az=77.0.							
ISC	V	07 11 09 32.0-89	26.88N-02	129.90E-02	4-5	4.9b,4.2s	351	1-160
NIED	V	07 11 09 00	26.90N	130.00E	11	4.8W,4.2s		
ISCJB	V	07 11 09 30.1-83	26.86N-02	129.90E-02	2-5	4.9b,4.2s		
BJI	V	07 11 09 31.8	26.83N	129.99E	24	4.9b,4.6b		
IDC	V	07 11 09 31.1-46	26.92N	129.91E	0	4.7,4.7		
JMA	V	07 11 09 33.9-10	26.91N	129.96E	45	4.7,4.7		
HRVD	V	07 11 09 34.2-40	26.86N	129.93E	16-1	4.9W,4.7		
NEIC	V	07 11 09 34.2-19	26.88N	129.90E	18	4.9b,4.8W		
MOS	V	07 11 09 34.9-1.3	26.96N	129.96E	33	5.1b,4.4s		
SZGRF	V	07 11 09 54.7	30.02N	128.45E	33	5.0b,4.4s		
ISC	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=227.00000°,δ58.00000°,λ-91.00000°. NP2:φ=48.00000°,δ32.00000°,λ-89.00000°. M:1.74000×10 ¹⁶							
ISCJB	Event type se. Error ellipse: s-maj=3.8km s-min=2.9km az=144.7.							
IDC	Error ellipse: s-maj=13.9km s-min=11.5km az=70.0.							
JMA	Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.							
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s20,c22; Mantle waves: s54,c90; Half duration: 0; Moment tensor: Scale 10 ¹⁶ Nm; Mrr-2.14±16 Mθθ0.61±09; Mφφ1.53±11; Mrr0.09±29; Mφφ1.02±06; Mrr1.72±31; Best double couple: NP1:φ=48.00000°,δ30.00000°,λ-61.00000°. NP2:φ=196.00000°,δ64.00000°,λ-105.00000°. Principal axes: T 2.6790,Plg18.0000°,AzM297.0000°; N 0.1690,Plg14.0000°,AzM202.0000°; P -2.8470,Plg67.0000°,AzM77.0000°; M:2.76300×10 ¹⁶							
NEIC	Event type se. Error ellipse: s-maj=5.2km s-min=4.8km az=112.0. Moment Tensor Solution. M:1.70000×10 ¹⁶							
MOS	Error ellipse: s-maj=8.2km s-min=4.7km az=110.3.							
SZGRF	Northwest of Ryukyu Islands, Japan.							
JMA	VI	23 13 28 47.2-20	28.09N	128.04E	6-3	3.5		
NIED	VI	23 13 28 00	28.10N	128.00E	8	3.6W		
JMA	Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=291.00000°,δ86.00000°,λ18.00000°. NP2:φ=200.00000°,δ72.00000°,λ176.00000°. M:2.57000×10 ¹⁴							
JMA	VI	18 21 24 58.3-10	28.71N	129.10E	42-2	3.5		
								19817316
JMA	Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.							
JMA	VI	17 19 46 16.2-10	26.91N	129.96E	44	3.7		
NIED	VI	17 19 46 00	26.90N	130.00E	8	3.8W		
JMA	Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=166.00000°,δ67.00000°,λ-113.00000°. NP2:φ=32.00000°,δ32.00000°,λ-48.00000°. M:5.80000×10 ¹⁴							
ISC	I	15 03 42 15.0-46	29.13N-04	129.63E-08	51-5	4.1b,4.0s	46	1-90
NIED	I	15 03 42 00	29.30N	129.20E	5	4.5W,4.0s		
BJI	I	15 03 42 07.3	28.29N	130.17E	64	4.7b,4.3b		
JMA	I	15 03 42 10.1-50	29.30N	129.10E	8	4.4,4.3b		
ISCJB	I	15 03 42 13.8-47	29.10N-04	129.65E-08	58-5	4.1b,4.0s		
IDC	I	15 03 42 15.9-2.3	29.00N	129.59E	64-23	3.8,3.7		
NEIC	I	15 03 42 16.3-1.1	28.98N	129.51E	64-11	4.1b,3.7		
ISC	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=263.00000°,δ69.00000°,λ-91.00000°. NP2:φ=85.00000°,δ21.00000°,λ-87.00000°. M:5.55000×10 ¹⁵							
JMA	Event type se. Error ellipse: s-maj=2.2km s-min=4.8km az=-1.0.							
ISCJB	Event type se. Error ellipse: s-maj=12.2km s-min=6.0km az=46.1.							
IDC	Error ellipse: s-maj=27.2km s-min=15.4km az=90.0.							
NEIC	Event type se. Error ellipse: s-maj=11.0km s-min=8.7km az=107.0. Recorded [3 JMA] on Takara-jima.							
ISC	IV	02 17 36 01.3-44	28.86N-03	130.19E-06	49-4	4.3b,3.7s	91	1-95
NIED	IV	02 17 35 00	28.90N	130.10E	35	4.5W,3.7s		
MOS	IV	02 17 35 57.8-65	28.88N	130.17E	34	4.6b,3.7s		
JMA	IV	02 17 35 59.9-20	28.87N	130.12E	71-3	4.2,3.7s		
ISCJB	IV	02 17 36 00.2-46	28.85N-03	130.19E-06	56-3	4.3b,3.7s		
BJI	IV	02 17 36 01.0	28.80N	130.40E	80	4.5b,4.2b		
IDC	IV	02 17 36 01.2-1.2	28.89N	130.13E	48-11	4.0,4.0		
NEIC	IV	02 17 36 01.8-84	28.86N	130.14E	54-7	4.3b,4.0		

ISC	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=204.00000°,δ70.00000°,λ-89.00000°. NP2:φ=22.00000°,δ20.00000°,λ-91.00000°. M:5.54000×10 ¹⁵							
MOS	Error ellipse: s-maj=17.0km s-min=9.1km az=115.7.							
JMA	Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.							
ISCJB	Event type se. Error ellipse: s-maj=9.0km s-min=3.5km az=46.7.							
IDC	Error ellipse: s-maj=17.9km s-min=7.9km az=107.0.							
NEIC	Event type se. Error ellipse: s-maj=7.9km s-min=5.9km az=93.0.							
(239) Southeast of Ryukyu Islands.								
ISC	IV	30 19 31 24.8-55	29.22N-03	131.35E-05	35	4.0b	47	1-104
NIED	IV	30 19 31 00	29.20N	131.40E	5	4.1W		
IDC	IV	30 19 31 19.9-1.5	29.20N	131.36E	0	4.0b,4.0		
NEIC	IV	30 19 31 22.3-3.7	29.23N	131.25E	11-26	3.9,4.0		
ISCJB	IV	30 19 31 22.7-54	29.20N-03	131.44E-05	33	4.0b,4.0		
JMA	IV	30 19 31 23.2-10	29.22N	131.40E	70	3.9,4.0		
MOS	IV	30 19 31 24.0-1.1	29.34N	131.42E	33	4.3b,4.0		
ISC	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=195.00000°,δ45.00000°,λ-92.00000°. NP2:φ=18.00000°,δ45.00000°,λ-88.00000°. M:1.34000×10 ¹⁵							
IDC	Error ellipse: s-maj=33.6km s-min=27.9km az=149.0.							
NEIC	Event type se. Error ellipse: s-maj=26.5km s-min=10.0km az=130.0.							
ISCJB	Event type se. Error ellipse: s-maj=7.0km s-min=3.9km az=44.4.							
JMA	Error ellipse: s-maj=1.1km s-min=1.9km az=-1.0.							
MOS	Error ellipse: s-maj=23.8km s-min=15.2km az=91.2.							
JMA	IV	28 16 39 54.7	26.77N	130.06E	46	3.7		
NIED	IV	28 16 39 00	26.80N	130.10E	8	3.5W		
JMA	Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=22.00000°,δ64.00000°,λ-107.00000°. NP2:φ=238.00000°,δ30.00000°,λ-58.00000°. M:2.08000×10 ¹⁴							
JMA	IV	29 08 15 35.8-20	25.38N	129.80E	44	3.9		
NIED	IV	29 08 15 00	25.40N	129.80E	11	3.6W		
JMA	Error ellipse: s-maj=4.4km s-min=1.0km az=-1.0.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=12.00000°,δ86.00000°,λ141.00000°. NP2:φ=105.00000°,δ51.00000°,λ6.00000°. M:3.33000×10 ¹⁴							
JMA	IV	06 13 23 45.2	26.65N	130.12E	46	3.5		
								19785593
JMA	Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.							
JMA	III	02 10 43 20.2-10	26.85N	130.34E	55	3.7		

IDC	III	13 05 55 14.6-5.2	24.76N	122.08E	56-51	3.8L,3.8			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:104.00000°,δ65.00000°,λ33.00000°.								
JMA	NP2:φ:358.00000°,δ61.00000°,λ151.00000°. M:1.94000×10 ¹⁵								
ISCJB	Error ellipse: s-maj=7.8km s-min=2.0km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=10.2km s-min=4.0km az=16.3.								
IDC	Error ellipse: s-maj=16.4km s-min=13.7km az=219.0.								
ISC	IV	02 02 58 21.4-3.3	22.5N-30	121.3E-10	10-28	3.3b	13	2-84	
IDC	IV	02 02 58 17.6-6.0	21.76N	121.01E	0	3.7,3.5			¶9594084
ISCJB	IV	02 02 58 22.9-3.2	22.6N-20	121.3E-10	16-29	3.3b,3.5			
JMA	IV	02 02 58 22.6-7.0	22.66N	121.00E	98	3.3,3.5			
IDC	Error ellipse: s-maj=129.2km s-min=41.6km az=179.0.								
ISCJB	Error ellipse: s-maj=41.7km s-min=11.9km az=133.5.								
JMA	Error ellipse: s-maj=7.8km s-min=7.2km az=1.0.								
ISC	III	26 20 58 01.4-3.1	24.02N-04	122.93E-02	28	4.2b,3.8s	87	0-95	
IDC	III	26 20 57 56.6-6.7	24.08N	122.86E	0	4.4,4.2b			¶10611254
ISCJB	III	26 20 57 59.5-3.2	24.00N-04	122.87E-02	28	4.2b,3.8s			
MOS	III	26 20 57 59.8-1.0	24.21N	123.03E	33	4.2b,3.8s			
BJI	III	26 20 58 00.2	24.28N	123.12E	15	4.7b,4.2b			
NIED	III	26 20 58 00	24.00N	122.90E	17	4.1b,4.2b			
JMA	III	26 20 58 01.6	24.00N	122.95E	28-1	4.4,4.2b			
NEIC	III	26 20 58 02.8-9.1	24.08N	122.95E	45-8	4.1b,4.2b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=25.0km s-min=15.8km az=74.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.4km s-min=3.0km az=161.3.								
MOS	Error ellipse: s-maj=25.4km s-min=10.2km az=115.6.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:341.00000°,δ63.00000°,λ-112.00000°.								
JMA	NP2:φ:203.00000°,δ34.00000°,λ-53.00000°. M:1.85000×10 ¹⁵								
ISC	Error ellipse: s-maj=1.1km s-min=1.0km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=9.0km s-min=7.4km az=50.0.								
IDC	III	31 07 14 05.3-1.1	21.25N	122.52E	0	4.2s,4.2			¶10614245
IDC	Error ellipse: s-maj=64.3km s-min=23.5km az=70.0.								
ISC	VI	07 13 29 48.2-2.5	24.00N-10	122.29E-05	10-16	3.7b,3.2s	18	1-74	
NIED	VI	07 13 29 00	23.90N	122.20E	29	3.9W,3.2s			¶9262058
IDC	VI	07 13 29 46.6-1.1	24.07N	122.29E	0	3.9,3.9			
ISCJB	VI	07 13 29 47.3-1.8	24.0N-10	122.23E-06	16-12	3.7b,3.2s			
JMA	VI	07 13 29 47.5-3.0	23.92N	122.24E	18	3.7,3.2s			
NIED	Moment Tensor Solution. Best double couple: NP1:φ:58.00000°,δ85.00000°,λ71.00000°.								
IDC	NP2:φ:314.00000°,δ19.00000°,λ165.00000°. M:7.48000×10 ¹⁴								
ISCJB	Error ellipse: s-maj=42.8km s-min=20.6km az=62.0.								
JMA	Error ellipse: s-maj=17.0km s-min=9.0km az=172.6.								
ISC	VI	12 16 14 40.0-6.8	22.14N-05	121.61E-05	128-5	4.1b	65	2-85	
NIED	VI	12 16 14 00	22.20N	121.80E	65	4.0W			¶8463922
ISCJB	VI	12 16 14 38.4-7.3	22.10N-05	121.59E-05	129-6	4.1b			
IDC	VI	12 16 14 39.6-4.0	22.06N	121.55E	126-37	4.3,3.9b			
BJI	VI	12 16 14 39.4	22.26N	121.75E	119	4.3b,4.2b			
NEIC	VI	12 16 14 40.4-8.1	22.13N	121.64E	134-8	4.4b,4.2b			
JMA	VI	12 16 14 41.2-3.0	22.22N	121.84E	162	3.7,4.2b			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:110.00000°,δ86.00000°,λ-29.00000°.								
ISCJB	NP2:φ:202.00000°,δ61.00000°,λ-175.00000°. M:1.18000×10 ¹⁵								
ISCJB	Event type se. Error ellipse: s-maj=9.1km s-min=6.6km az=47.5.								
NEIC	Error ellipse: s-maj=27.8km s-min=12.1km az=72.0.								
IDC	Event type se. Error ellipse: s-maj=12.4km s-min=7.4km az=76.0. Recorded [3 TAP] in T'ai-tung; [1 TAP] in Chang-hua, Kao-hsiung, P'ing-tung and T'ai-nan Counties.								
JMA	Error ellipse: s-maj=3.3km s-min=3.1km az=1.0.								
ISC	VI	23 07 44 09.3-7.3	24.64N-09	122.32E-06	77-8	3.4b	22	1-49	
ISCJB	VI	23 07 44 08.4-7.3	24.66N-09	122.33E-06	86-7	3.4b			¶9222483
JMA	VI	23 07 44 09.7-1.0	24.71N	122.38E	75-2	3.4			
NEIC	VI	23 07 44 09.0-9.8	24.59N	122.31E	76-11	3.4			
IDC	VI	23 07 44 11.2-8.6	24.68N	122.49E	100-94	3.6L,3.6			
ISC	Event type se.								
ISCJB	Error ellipse: s-maj=15.1km s-min=8.8km az=11.2.								
JMA	Error ellipse: s-maj=4.4km s-min=2.0km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=18.1km s-min=13.2km az=205.0.								
IDC	Error ellipse: s-maj=67.3km s-min=19.5km az=60.0.								
ISC	VI	04 22 41 39.1-5.5	23.65N-06	122.93E-04	35	3.5b	29	1-84	
IDC	VI	04 22 41 33.6-5.0	23.86N	123.30E	0	3.7,3.6			¶9221443
ISCJB	VI	04 22 41 37.1-5.6	23.56N-06	122.91E-04	33	3.5b,3.6			
JMA	VI	04 22 41 38.7-2.0	23.69N	122.90E	44	3.3,3.6			
NEIC	VI	04 22 41 38.6-5.9	23.65N	123.02E	35	3.7b,3.6			
ISC	Event type se.								
IDC	Error ellipse: s-maj=138.3km s-min=98.3km az=80.0.								
ISCJB	Event type se. Error ellipse: s-maj=8.6km s-min=4.9km az=139.3.								
JMA	Error ellipse: s-maj=1.1km s-min=1.0km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=24.7km s-min=9.0km az=53.0.								
ISC	VI	07 00 02 25.9-6.6	24.69N-04	122.35E-03	14-5	4.0b,3.5s	35	1-78	
NIED	VI	07 00 02 00	24.70N	122.40E	23	4.2W,3.5s			¶8750316
ISCJB	VI	07 00 02 24.6-3.5	24.80N-04	122.37E-03	10	4.0b,3.5s			
IDC	VI	07 00 02 24.0-9.6	24.51N	121.86E	0	4.0,3.9			
JMA	VI	07 00 02 26.2-3.0	24.73N	122.44E	0	4.2,3.9			
NEIC	VI	07 00 02 29.3-7.5	24.62N	122.13E	46-8	4.2b,3.9			
BJI	VI	07 00 02 29.0	24.79N	122.19E	27	4.7b,4.3b			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:298.00000°,δ86.00000°,λ4.00000°.								
ISCJB	NP2:φ:208.00000°,δ86.00000°,λ176.00000°. M:2.01000×10 ¹⁵								
ISCJB	Event type se. Error ellipse: s-maj=5.7km s-min=3.1km az=31.8.								
IDC	Error ellipse: s-maj=33.0km s-min=18.2km az=70.0.								
JMA	Error ellipse: s-maj=5.6km s-min=3.0km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=10.0km s-min=8.9km az=93.0.								
ISC	VI	03 19 40 32.7-2.5	24.87N-05	122.26E-04	18-17	4.0b	32	1-74	
ISCJB	VI	03 19 40 32.8-1.1	24.93N-05	122.29E-04	29-9	4.0b			¶8747024
JMA	VI	03 19 40 33.2-4.0	24.88N	122.29E	45	3.4			
NEIC	VI	03 19 40 37.9-1.4	24.83N	121.90E	51-12	4.4b			
IDC	VI	03 19 40 48.8-1.1	24.97N	122.42E	163-117	3.9,3.6			
BJI	VI	03 19 40 50.2	25.67N	121.03E	50	4.3b,4.2b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=8.8km s-min=5.8km az=7.0.								
JMA	Error ellipse: s-maj=5.6km s-min=4.0km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=27.8km s-min=10.0km az=69.0.								
IDC	Error ellipse: s-maj=104.1km s-min=14.4km az=64.0.								
ISC	VI	04 16 06 31.0-2.5	22.81N-06	121.3E-10	13-21	3.3b	22	1-48	
JMA	VI	04 16 06 30.7-3.0	22.61N	121.32E	44	3.6			¶9221438
IDC	VI	04 16 06 30.4-1.3	22.63N	121.69E	0	3.5,3.4			
ISCJB	VI	04 16 06 31.1-2.3	22.75N-06	121.30E-09	26-24	3.3b,3.4			
NEIC	VI	04 16 06 33.5-1.0	22.84N	121.46E	35	3.6,3.4			
ISC	Event type se.								
JMA	Error ellipse: s-maj=3.3km s-min=3.1km az=1.0.								
IDC	Error ellipse: s-maj=44.3km s-min=25.6km az=68.0.								
ISCJB	Event type se. Error ellipse: s-maj=15.8km s-min=7.0km az=68.4.								
NEIC	Event type se. Error ellipse: s-maj=27.4km s-min=11.3km az=86.0.								
ISC	VI	04 09 06 01.3-1.0	22.78N-03	121.43E-02	26-7	4.6b,4.4s	179	1-146	
NIED	VI	04 09 05 00	22.70N	121.20E	20	4.7W,4.4s			¶8443247
IDC	VI	04 09 05 55.8-5.8	22.68N	121.19E	0	4.4L,4.3			
BJI	VI	04 09 05 57.7	22.79N	121.51E	12	5.0L,4.8b			
JMA	VI	04 09 05 58.4-3.0	22.71N	121.20E	90	4.8,4.8b			
ISCJB	VI	04 09 05 58.7-1.0	22.72N-03	121.41E-02	22-8	4.6b,4.4s			
NEIC	VI	04 09 05 59.0-2.5	22.74N	121.42E	14	4.8b,4.4s			
HRVD	VI	04 09 05 59.0-5.0	22.77N	121.33E	23-1	4.9W,4.4s			
MOS	VI	04 09 06 00.3-1.0	22.81N	121.42E	33	4.8b,4.6s			
MAN	VI	04 09 07 08.7	17.71N	120.90E	9	3.5s,4.6s			
ISC	Event type se.								
NIED	Moment Tensor Solution. Best double couple: NP1:φ:15.00000°,δ47.00000°,λ93.00000°.								
ISCJB	NP2:φ:190.00000°,δ43.00000°,λ86.00000°. M:1.13000×10 ¹⁶								
IDC	Error ellipse: s-maj=22.7km s-min=13.3km az=62.0.								
JMA	Error ellipse: s-maj=4.4km s-min=4.1km az=1.0.								
ISCJB	Event type se. Error ellipse: s-maj=4.7km s-min=3.3km az=133.6.								
NEIC	Event type se. Error ellipse: s-maj=6.8km s-min=5.3km az=87.0.								

HRVD	Error ellipse: s-maj=3.3km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
MOS	LP body waves: s22,c24; Mantle waves: s53,c70; Half duration: 0 Moment tensor: Scale 10 ¹⁶								
ISC	M:1.287±21 M ₁₁ =0.70±12; M ₂₂ =2.17±14; M ₃₃ =0.50±20; M ₁₂ =0.78±07; M ₁₃ =0.10±18; M ₂₃ =0.00±00								
ISCJB	Best double couple: NP1:φ:196.00000°,δ42.00000°,λ79.00000°. NP2:φ:31.00000°,δ49.00000°,λ100.00000°. Principal axes: T 2.9380,Plg82.0000°,Azml1.0000°								
JMA	; N -0.4220,Plg7.0000°,Azml204.0000°; P -2.5200,Plg3.0000°,Azml114.0000°								
MAN	M:2.72900×10 ¹⁶								
NEIC	Error ellipse: s-maj=11.1km s-min=5.9km az=118.6.								
ISC	VI	08 12 52 13.8-69	23.38N-05	122.95E-07	39-10	3.9b,3.4s	36	1-80	
IDC	VI	08 12 52 00	23.40N	122.90E	26	4.2W,3.4s			¶9262076
ISCJB	VI	08 12 52 08.7-1.4	23.51N	123.09E	0	4.1,4.0L			
JMA	VI	08 12 52 12.6-6.5	23.32N-05	123.00E-07	54-8	3.9b,3.4s			
MAN	VI	08 12 52 12.6-20	23.77N	122.91E	61	4.4,3.4s			
NIED	VI	08 12 53 28.9	17.70N	121.39E	5	4.2s,3.4s			
ISC	Moment Tensor Solution. Best double couple: NP1:φ:161.00000°,δ89.00000°,λ4.00000°.								
IDC	NP2:φ:71.00000°,δ86.00000°,λ179.00000°. M:2.10000×10 ¹⁵								
ISCJB	Error ellipse: s-maj=33.1km s-min=27.0km az=56.0.								
JMA	Error ellipse: s-maj=11.6km s-min=6.3km az=74.0.								
NEIC	Error ellipse: s-maj=2.2km s-min=1.0km az=1.0.								
ISC	III	10 22 24 22.2-2.7	24.34N-03	122.98E-02	53-3	4.3b,3.7s	99	0-121	
NIED	III	10 22 24 00	24.40N	123.00E	41	4.6W,3.7s			¶10601492
ISCJB	III	10 22 24 20.8-28	24.34N-03	122.96E-02	58-3	4.3b,3.7s			
BJI	III</								

JMA Error ellipse: s-maj=2.2km s-min=1.0km az=-1.0.
 ISCJB Event type se. Error ellipse: s-maj=31.1km s-min=6.4km az=130.3.
 IDC Error ellipse: s-maj=42.2km s-min=21.3km az=65.0.
 NEIC Event type se. Error ellipse: s-maj=24.6km s-min=15.8km az=59.0.
ISC I 23 04 01 20.7-1.4 23.83N-10 123.58E-04 25-6 3.6b 25 0-82
 NIED I 23 04 01 00 23.90N 123.70E 5 3.8W **19258015**
 IDC I 23 04 01 14.8-5.1 23.64N 123.63E 0 3.8,3.7
 NEIC I 23 04 01 15.8-8.2 23.27N 123.97E 35 3.9,3.7
 ISCJB I 23 04 01 19.9-1.5 23.8N-10 123.57E-04 29-6 3.6b,3.7
 JMA I 23 04 01 21.8-20 23.89N 123.65E 30-2 3.9,3.7
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=34.00000°,δ51.00000°,λ-121.00000°. NP2:φ=258.00000°,δ48.00000°,λ-57.00000°. M=5.30000×10¹⁴. Error ellipse: s-maj=136.7km s-min=41.8km az=8.0.

IDC Event type se. Error ellipse: s-maj=151.0km s-min=34.4km az=171.0.
 ISCJB Event type fe. Error ellipse: s-maj=18.0km s-min=5.7km az=164.5.
 JMA Event type fe. Error ellipse: s-maj=2.2km s-min=1.0km az=-1.0.
ISC I 29 17 15 50.8-24 24.67N-03 123.95E-03 78-2 4.1b 89 0-89
 NIED I 29 17 15 00 24.70N 123.90E 53 4.1W **18079540**
 MOS I 29 17 15 48.7-9.3 24.69N 123.88E 72 4.2b
 ISCJB I 29 17 15 49.9-25 24.65N-03 123.97E-03 84-2 4.1b
 BJI I 29 17 15 50.3 24.69N 123.99E 75 4.6b,4.1b
 IDC I 29 17 15 50.4-81 24.71N 124.07E 76-7 4.3,4.1
 NEIC I 29 17 15 50.7-32 24.66N 123.98E 75 4.3b,4.1
 JMA I 29 17 15 51.5-10 24.67N 123.93E 71-2 4.2,4.1
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=290.00000°,δ74.00000°,λ56.00000°. NP2:φ=178.00000°,δ38.00000°,λ153.00000°. M=1.50000×10¹⁵. Error ellipse: s-maj=16.4km s-min=10.3km az=96.6.

MOS Event type fe. Error ellipse: s-maj=5.3km s-min=3.7km az=134.9.
 IDC Error ellipse: s-maj=13.7km s-min=12.6km az=146.0.
 NEIC Event type fe. Error ellipse: s-maj=7.4km s-min=6.2km az=136.0. Recorded [2 JMA] on Okinawa.
 JMA Event type fe. Error ellipse: s-maj=2.2km s-min=1.0km az=-1.0.
ISC I 05 07 19 54.1-1.4 23.11N-09 123.6E-10 35 3.5b 14 1-73
 IDC I 05 07 19 48.8-7.4 22.55N 122.68E 0 3.8,3.7b **19477806**
 ISCJB I 05 07 19 52.4-1.4 23.07N-09 123.5E-10 33 3.5b,3.7b
 JMA I 05 07 19 54.0-60 23.16N 123.59E 28 2.9,3.7b
 IDC Error ellipse: s-maj=155.7km s-min=46.1km az=170.0.
 ISCJB Error ellipse: s-maj=15.7km s-min=9.7km az=77.0.
 JMA Error ellipse: s-maj=4.4km s-min=7.2km az=-1.0.
ISC I 03 10 54 09.0-45 24.66N-05 125.15E-04 27-3 4.1b 52 0-81
 NIED I 03 10 54 00 24.70N 125.10E 23 4.2W **18317971**
 BJI I 03 10 54 06.6 24.07N 125.30E 36 4.6b,4.3b
 ISCJB I 03 10 54 07.6-50 24.58N-05 125.24E-03 33-4 4.1b,4.3b
 JMA I 03 10 54 08.5-10 24.67N 125.15E 33-1 4.5,4.3b
 IDC I 03 10 54 09.7-6.1 24.65N 125.04E 36-53 4.1L,4.0
 NEIC I 03 10 54 09.9-70 24.65N 125.10E 33 4.7b,4.2W
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=151.00000°,δ61.00000°,λ-69.00000°. NP2:φ=293.00000°,δ35.00000°,λ-122.00000°. M=2.24000×10¹⁵.

ISCJB Event type fe. Error ellipse: s-maj=9.1km s-min=4.1km az=132.5.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
 IDC Error ellipse: s-maj=38.2km s-min=21.9km az=63.0.
 NEIC Event type fe. Error ellipse: s-maj=16.1km s-min=9.9km az=150.0. Recorded [1 JMA] on Tarama-shima. Moment Tensor Solution. M=2.20000×10¹⁵.
ISC V 31 00 21 25.3-64 25.02N-10 125.25E-07 34-8 3.6b 35 0-76
 NIED V 31 00 21 00 24.80N 125.40E 44 3.8W **18855006**
 ISCJB V 31 00 21 24.4-44 25.0N-10 125.30E-07 47-8 3.6b
 IDC V 31 00 21 24.7-90 25.75N 125.00E 0 3.7,3.7
 JMA V 31 00 21 24.2 24.83N 125.39E 50-1 3.7,3.7
 MOS V 31 00 21 27.8-84 25.71N 124.90E 33 4.1b,3.7
 NEIC V 31 00 21 29.2-74 25.66N 124.98E 35 3.8b,3.7
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=55.00000°,δ79.00000°,λ102.00000°. NP2:φ=186.00000°,δ16.00000°,λ43.00000°. M=5.26000×10¹⁴.

ISCJB Event type fe. Error ellipse: s-maj=22.5km s-min=5.0km az=127.5.
 IDC Error ellipse: s-maj=26.3km s-min=19.9km az=57.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
 MOS Error ellipse: s-maj=35.0km s-min=15.3km az=120.1.
 NEIC Event type se. Error ellipse: s-maj=17.5km s-min=12.4km az=157.0.
JMA VI 05 06 13 14.9-10 24.63N 124.18E 11-3 3.6 19813040
 JMA Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
JMA VI 28 07 22 6-30 23.69N 123.01E 15 3.6 19262475
 NIED VI 28 07 20 00 23.70N 123.00E 11 3.8W
 JMA Error ellipse: s-maj=2.2km s-min=1.0km az=-1.0.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=339.00000°,δ54.00000°,λ-119.00000°. NP2:φ=203.00000°,δ45.00000°,λ-56.00000°. M=5.85000×10¹⁴.

ISC IV 02 05 08 32.2-18 23.57N-02 123.92E-02 42 4.9b,4.5s 365 0-145
 NIED IV 02 05 08 00 23.50N 123.90E 32 4.9W,4.5s **18228678**
 BJI IV 02 05 08 29.9 23.65N 123.95E 33 4.7L,4.7b
 IDC IV 02 05 08 29.4-4.2 23.62N 123.86E 19-27 4.7,4.7
 ISCJB IV 02 05 08 30.3-17 23.52N-02 123.88E-02 40 4.9b,4.5s
 JMA IV 02 05 08 30.0-20 23.49N 123.92E 37-2 5.0,4.5s
 MOS IV 02 05 08 31.8-69 23.93N 123.74E 33 5.2b,4.4s
 HRVD IV 02 05 08 31.7-40 23.38N 123.80E 24-1 4.9W,4.4s
 NEIC IV 02 05 08 31.7-20 23.58N 123.86E 36 4.9W,4.9b
 SZGRF IV 02 05 08 45.4 24.89N 121.17E 33 5.0b,4.9b
 ISC Event type fe.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=34.00000°,δ79.00000°,λ161.00000°. NP2:φ=127.00000°,δ71.00000°,λ11.00000°. M=2.46000×10¹⁶.

IDC Error ellipse: s-maj=17.5km s-min=11.9km az=73.0.
 ISCJB Event type fe. Error ellipse: s-maj=3.4km s-min=2.6km az=67.0.
 JMA Event type fe. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.
 MOS Error ellipse: s-maj=8.7km s-min=4.5km az=115.2.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s13,c14; Mantle waves: s63,c82; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_{rr}-0.10±17; M_{θθ}2.47±13; M_{φφ}2.38±12; M_{φθ}1.01±27; M_{φr}0.77±10; M_{φφ}0.09±29; Best double couple: NP1:φ=35.00000°,δ76.00000°,λ168.00000°. NP2:φ=128.00000°,δ78.00000°,λ15.00000°. Principal axes: T 2.9270,Plg19.0000°,Az=351.0000°; N -0.4320,Plg71.0000°,Az=165.0000°; P -2.5010,Plg2.0000°,Az=261.0000° M=2.71400×10¹⁶.
 NEIC Event type fe. Error ellipse: s-maj=5.3km s-min=4.3km az=161.0. Recorded [1 JMA] on Irinome-tajma and Ishigaki-tajma. Moment Tensor Solution. M=2.50000×10¹⁶.
 SZGRF Taiwan.

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ISC III 20 13 06 27.7-1.2 22.71N-02 123.57E-04 4-8 4.1b,3.5s 72 1-96
 NIED III 20 13 06 00 22.70N 123.50E 5 4.3W,3.5s **110607188**
 ISCJB III 20 13 06 26.8-29 22.65N-02 123.55E-04 10 4.1b,3.5s
 IDC III 20 13 06 27.3-56 22.69N 123.65E 0 4.2,4.1
 BJI III 20 13 06 28.7 22.34N 123.39E 23 4.5b,4.2b
 NEIC III 20 13 06 29.1-34 22.61N 123.39E 10 4.4b,4.2b
 JMA III 20 13 06 30.9-30 22.74N 123.54E 55 4.2,4.2b
 MAN III 20 13 07 15.4 19.28N 122.40E 14 4.2,4.2b
 ISC Event type se.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=255.00000°,δ59.00000°,λ-108.00000°. NP2:φ=108.00000°,δ35.00000°,λ-63.00000°. M=3.63000×10¹⁵.
 ISCJB Event type se. Error ellipse: s-maj=6.0km s-min=3.1km az=29.0.
 IDC Error ellipse: s-maj=22.7km s-min=13.7km az=70.0.
 NEIC Event type se. Error ellipse: s-maj=9.5km s-min=6.6km az=71.0.
 JMA Error ellipse: s-maj=2.2km s-min=2.1km az=-1.0.
ISC III 24 01 04 11.3-17 22.35N-03 125.80E-04 29-13 4.1b,3.4s 58 2-83
 NIED III 24 01 04 00 22.40N 125.60E 5 4.0W,3.4s **110609370**
 IDC III 24 01 04 07.7-74 22.16N 125.89E 0 4.2,4.2L
 ISCJB III 24 01 04 09.6-1.6 22.32N-03 125.85E-04 33-13 4.1b,3.4s
 NEIC III 24 01 04 09.5-37 22.01N 125.55E 10 4.3b,3.4s
 JMA III 24 01 04 13.3-40 22.44N 125.59E 37 4.4,3.4s
 ISC Event type se.

NIED Moment Tensor Solution. Best double couple: NP1:φ=315.00000°,δ74.00000°,λ-34.00000°. NP2:φ=55.00000°,δ58.00000°,λ-161.00000°. M=1.26000×10¹⁵.
 IDC Error ellipse: s-maj=36.1km s-min=15.0km az=76.0.
 ISCJB Event type se. Error ellipse: s-maj=6.8km s-min=5.0km az=1.8.
 NEIC Event type se. Error ellipse: s-maj=14.2km s-min=6.7km az=69.0.
 JMA Error ellipse: s-maj=3.3km s-min=3.1km az=-1.0.
JMA I 26 20 11 56.1-40 22.30N 125.73E 12 4.0 19486532
 JMA Error ellipse: s-maj=3.3km s-min=3.1km az=-1.0.

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ISC IV 05 08 31 44.5-39 20.62N-04 122.64E-09 10 3.8b 36 2-86
 NIED IV 05 08 31 00 21.00N 122.80E 38 4.1W **19259495**
 IDC IV 05 08 31 42.7-1.1 20.47N 122.71E 0 4.2L,3.9
 ISCJB IV 05 08 31 42.8-40 20.63N-04 122.67E-09 10 3.8b,3.9
 NEIC IV 05 08 31 44.6-81 20.56N 122.66E 15 4.7b,3.9
 JMA IV 05 08 31 47.8-40 20.96N 122.80E 0 4.2,3.9
 MAN IV 05 08 31 52.5 19.93N 122.41E 5 5.6s,4.3L
 ISC Event type se.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=139.00000°,δ23.00000°. NP2:φ=42.00000°,δ68.00000°,λ160.00000°. M=1.84000×10¹⁵.
 IDC Error ellipse: s-maj=44.1km s-min=20.4km az=73.0.
 ISCJB Event type se. Error ellipse: s-maj=12.5km s-min=3.4km az=41.3.
 NEIC Event type se. Error ellipse: s-maj=23.0km s-min=11.8km az=77.0.
 JMA Error ellipse: s-maj=3.3km s-min=5.2km az=-1.0.
ISC IV 05 08 39 27.7-58 20.73N-04 122.70E-08 10 3.5b 30 3-87
 NIED IV 05 08 39 00 21.00N 122.80E 5 4.2W **19259496**
 ISCJB IV 05 08 39 26.1-58 20.74N-04 122.72E-08 10 3.5b
 IDC IV 05 08 39 26.1-1.1 20.63N 122.82E 0 3.9L,3.9
 NEIC IV 05 08 39 27.9-65 20.68N 122.81E 15 3.8b,3.9
 JMA IV 05 08 39 30.3-50 21.00N 122.82E 0 3.9,3.9
 ISC Event type se.
 NIED Moment Tensor Solution. Best double couple: NP1:φ=211.00000°,δ60.00000°,λ97.00000°. NP2:φ=18.00000°,δ30.00000°,λ79.00000°. M=2.35000×10¹⁵.

ISCJB Event type se. Error ellipse: s-maj=11.5km s-min=5.0km az=20.7.
 IDC Error ellipse: s-maj=44.2km s-min=21.0km az=74.0.
 NEIC Event type se. Error ellipse: s-maj=21.6km s-min=10.2km az=77.0.
 JMA Error ellipse: s-maj=4.4km s-min=8.3km az=-1.0.
ISC IV 08 13 11 23.8-79 18.07N-07 119.61E-06 42-9 3.6b,3.4s 26 1-89
 IDC IV 08 13 11 18.2-87 18.12N 120.17E 0 3.8,3.7 **19507876**
 ISCJB IV 08 13 11 21.3-88 17.97N-06 119.51E-06 36-10 3.6b,3.4s
 NEIC IV 08 13 11 23.6-52 17.99N 119.62E 45 4.1b,3.4s
 MAN IV 08 13 11 34.7 17.88N 120.73E 0 4.9L,3.8b
 ISC Event type se.
 IDC Error ellipse: s-maj=42.2km s-min=18.2km az=74.0.
 ISCJB Event type se. Error ellipse: s-maj=11.5km s-min=8.1km az=64.8.
 NEIC Event type se. Error ellipse: s-maj=18.5km s-min=10.2km az=57.0.
ISC IV 13 17 53 07.9-2.0 11.48N-05 126.57E-06 4-12 4.2b 36 1-78
 MAN IV 13 17 53 06.4 11.60N 126.71E 11 5.6s,4.8L **19507980**
 ISCJB IV 13 17 53 07.6-2.1 11.51N-05 126.61E-07 17-15 4.2b,4.8L
 IDC IV 13 17 53 07.0-87 11.40N 126.43E 0 4.2,4.0
 NEIC IV 13 17 53 12.6-38 11.37N 126.52E 35 4.4b,4.0
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.2km s-min=7.5km az=157.9.
 IDC Error ellipse: s-maj=54.2km s-min=16.8km az=81.0.
 NEIC Event type se. Error ellipse: s-maj=25.3km s-min=7.0km az=75.0.

ISC IV 16 14 36 33.5-75 20.30N-05 122.2E-20 46-13 3.1b 22 2-45
 IDC IV 16 14 36 23.4-2.1 21.17N 123.87E 0 4.3,3.3 **19508040**
 ISCJB IV 16 14 36 32.8-74 20.31N-05 122.3E-20 52-13 3.1b,3.3
 JMA IV 16 14 36 32.8-40 20.63N 122.27E 0 4.0,3.3
 MAN IV 16 14 36 34.8 20.00N 121.84E 11 8.9s,4.3L
 ISC Event type fe.
 IDC Error ellipse: s-maj=178.2km s-min=22.8km az=66.0.
 ISCJB Event type fe. Error ellipse: s-maj=26.6km s-min=5.1km az=29.2.
 JMA Error ellipse: s-maj=3.3km s-min=6.2km az=-1.0.
 MAN Event type fe. F BASCO BATANES - INTENSITY II.
ISC IV 16 08 34 19.5-3.2 14.18N-07 118.82E-08 23-25 3.9b,3.8s 18 2-93
 MAN IV 16 08 34 15.7 14.16N 118.65E 24 6.3s,4.6L **19508037**
 IDC IV 16 08 34 15.9-1.0 14.14N 118.77E 0 4.0,3.9
 ISCJB IV 16 08 34 20.0-1.8 14.17N-07 118.91E-10 43-18 3.9b,3.8s
 NEIC IV 16 08 34 20.9-69 14.13N 118.82E 35 4.0b,3.8s
 ISC Event type se.
 IDC Error ellipse: s-maj=24.6km s-min=20.7km az=58.0.
 ISCJB Event type se. Error ellipse: s-maj=19.8km s-min=11.6km az=9.1.
 NEIC Event type se. Error ellipse: s-maj=15.4km s-min=14.4km az=212.0.

ISC IV 16 10 28 24.9-1.0 20.04N-05 121.3E-10 56-10 3.9b,3.3s 26 2-87
 IDC IV 16 10 28 17.3-73 20.14N 121.65E 0 4.1,3.9 **19508038**
 ISCJB IV 16 10 28 23.8-1.1 20.04N-05 121.3E-10 63-10 3.9b,3.7b
 NEIC IV 16 10 28 23.8-1.5 19.99N 121.28E 46-15 4.0b,3.9
 MAN IV 16 10 28 23.7 19.95N 121.35E 14 8.5s,4.4L
 ISC Event type se.
 IDC Error ellipse: s-maj=35.8km s-min=15.7km az=70.0.
 ISCJB Event type se. Error ellipse: s-maj=19.9km s-min=7.8km az=161.1.
 NEIC Event type se. Error ellipse: s-maj=17.6km s-min=8.7km az=75.0.
ISC VI 05 09 45 43.5-1.0 6.2N-10 127.5E-20 35 3.6b 12 1-72
 IDC VI 05 09 45 33.8-1.7 6.71N 127.75E 0 3.8b,3.8 **19599825**
 ISCJB VI 05 09 45 40.9-1.2 6.2N-10 127.6E-20 33 3.6b,3.8
ISC IV 21 19 25 49.0-1.8 21.77N-03 121.32E-10 14-13 3.8s,3.7b 35 1-90
 IDC IV 21 19 25 54.5-85 19.05N 121.41E 0 3.9,3.7b **18564777**
 ISCJB IV 21 19 25 57.2-2.0 19.35N-03 121.26E-08 12-14 3.8s,3.7b
 NEIC IV 21 19 25 58.7-3.9 19.02N 121.37E 28-28 4.0b,3.7b
 MAN IV 21 19 25 58.8 19.21N 121.29E 7 6.8s,5.2L
 BJI IV 21 19 26 11.0 19.81N 120.27E 28 4.5b,3.6L
 ISC Event type se.
 IDC Error ellipse: s-maj=38.6km s-min=17.8km az=71.0.
 ISCJB Event type se. Error ellipse: s-maj=12.1km s-min=5.0km az=165.5.
 NEIC Event type se. Error ellipse: s-maj=18.4km s-min=12.1km az=59.0.

ISC IV 27 10 32 06.6-1.9 11.17N-03 126.79E-04 32-14 4.5b,3.5s 89 1-165
 IDC IV 27 10 32 01.5-45 11.18N 126.94E 0 4.4,4.3 **18565013**
 ISCJB IV 27 10 32 04.1-1.9 11.17N-03 126.84E-04 29-14 4.5b,3.5s
 MOS IV 27 10 32 04.8-1.2 11.12N 126.88E 33 4.7b,3.5s
 MAN IV 27 10 32 04.4 11.27N 126.85E 34 4.9L,4.4s
 BJI IV 27 10 32 06.9 11.26N 127.37E 59 4.7b,4.5b
 NEIC IV 27 10 32 08.5-28 11.11N 126.90E 50 4.6b,4.5b
 ISC Event type se.
 IDC Error ellipse: s-maj=25.2km s-min=10.6km az=75.0.
 ISCJB Event type se. Error ellipse: s-maj=7.1km s-min=5.4km az=164.0.
 MOS Error ellipse: s-maj=26.0km s-min=9.1km az=105.3.
 NEIC Event type se. Error ellipse: s-maj=13.2km s-min=6.1km az=76.0.
MAN IV 02 10 11 23.6 15.15N 122.82E 1 3.7L,3.2s 19507755
MAN IV 05 18 01 11.7 19.03N 121.17E 0 4.5L,3.2b 19507819
MAN IV 06 13 33 54.6 9.91N 127.00E 13 6.4s,4.1L 19507836
MAN IV 20 06 20 56.5 17.73N 119.87E 1 4.4L,3.0b 19508114
MAN IV 29 01 58 24.0 10.75N 126.41E 42 5.2s,4.9L 19508295
MAN IV 29 10 31 05.0 10.21N 126.07E 7 4.5L,3.2b 19508298

ISC IV 29 10 45 01.4-38 10.22N-03 126.35E-04 35 4.1b,3.5s 59 1-120
 IDC IV 29 10 44 55.5-69 10.19N 126.04E 0 4.2,4.0 **19508299**
 ISCJB IV 29 10 44 59.4-39 10.21N-03 126.38E-03 33 4.1b,3.5s
 MAN IV 29 10 45 01.9 10.24N 126.16E 22 5.0L,4.0b
 NEIC IV 29 10 45 03.5-2.8 10.21N 126.18E 59-25 4.3b,4.0b
 ISC Event type fe.
 IDC Error ellipse: s-maj=50.4km s-min=15.2km az=77.0.

ISC	II	28 05 16 43.1-2.0	18.9N-30	120.0E-40	35	3.4b	4	1-88
IDC	II	28 05 16 40.9-4.9	18.94N	121.56E	0	3.7,3.4b		¶9580056
IDC	Error ellipse: s-maj=321.6km s-min=33.7km az=87.0.							
ISC	V	16 08 44 37.1-55	10.23N-04	126.30E-05	35	3.9b,3.7s	32	1-94
IDC	V	16 08 44 30.7-96	10.32N	126.50E	0	4.1,3.9		¶9508614
ISC	V	16 08 44 35.3-56	10.24N-04	126.35E-05	33	3.9b,3.7s		
MAN	V	16 08 44 38.5	10.19N	126.07E	27	4.8L,3.7b		
IDC	Error ellipse: s-maj=58.2km s-min=19.1km az=81.0.							
ISC	V	25 17 47 22-57	6.83N-03	127.11E-05	60-4	4.8b	218	1-151
MAN	V	25 17 47 09.2	6.30N	128.06E	55	6.0s,5.5L		¶8440550
BJI	V	25 17 47 19.8	6.20N	127.13E	69	5.0b,4.9b		
MOS	V	25 17 47 20.5-1.1	6.87N	126.99E	33	5.2b,4.3s		
ISC	V	25 17 47 23.7-61	6.83N-03	127.09E-05	63-4	4.8b,4.3s		
IDC	V	25 17 47 23.1-2.4	6.84N	127.01E	40-20	4.5,4.4		
NEIC	V	25 17 47 26.0-98	6.82N	127.03E	70-9	4.8b,4.4		
ISC	Event type se.							
MOS	Error ellipse: s-maj=11.7km s-min=6.1km az=106.0.							
ISC	Event type se. Error ellipse: s-maj=7.6km s-min=5.1km az=162.0.							
IDC	Error ellipse: s-maj=20.8km s-min=11.7km az=79.0.							
NEIC	Event type se. Error ellipse: s-maj=7.9km s-min=4.7km az=79.0.							
ISC	V	25 23 08 28.6-2.9	20.63N-04	119.99E-08	17-20	3.8b	30	3-87
ISC	V	25 23 08 25.9-43	20.65N-04	119.97E-08	10	3.8b		¶9132050
IDC	V	25 23 08 25.8-91	20.53N	119.88E	0	4.0,3.9		
NEIC	V	25 23 08 27.3-36	20.55N	119.92E	10	4.1b,3.9		
MAN	V	25 23 09 07.0	18.12N	121.21E	19	1.3s,3.9		
ISC	Event type se.							
ISC	Event type se. Error ellipse: s-maj=11.4km s-min=5.3km az=167.9.							
IDC	Error ellipse: s-maj=38.7km s-min=17.2km az=70.0.							
NEIC	Event type se. Error ellipse: s-maj=9.9km s-min=6.7km az=82.0.							
ISC	V	26 15 50 30.5-1.0	20.44N-09	120.3E-20	35	3.5b	12	3-46
IDC	V	26 15 50 25.1-1.3	20.33N	120.49E	0	3.9,3.6b		¶9508797
ISC	V	26 15 50 28.6-1.0	20.45N-09	120.3E-20	33	3.5b,3.6b		
MAN	V	26 15 50 51.1	18.91N	120.96E	14	7.0s,3.6b		
IDC	Error ellipse: s-maj=46.3km s-min=24.0km az=76.0.							
ISC	V	27 11 57 45.8-2.1	20.7N-10	120.0E-20	38-19	3.6b	12	2-56
IDC	V	27 11 57 37.9-3.7	21.42N	121.45E	0	3.7,3.5b		¶9508814
MAN	V	27 11 57 43.9	20.48N	120.11E	1	8.2s,4.1L		
ISC	V	27 11 57 45.0-2.0	20.7N-10	120.0E-20	51-17	3.6b,4.1L		
ISC	V	28 09 00 13.6-1.2	19.34N-02	121.1E-02	25	5.2s,5.2b	524	1-173
BJI	V	28 09 00 09.7	19.41N	121.05E	4	5.5b,5.3s		¶10698669
MAN	V	28 09 00 10.6	19.57N	121.10E	35	5.7L,5.3b		
ISC	V	28 09 00 11.6-1.2	19.32N-02	121.14E-03	23	5.2s,5.2b		
HRVD	V	28 09 00 12.4-1.0	19.32N	120.94E	35-0	5.7W,5.2b		
IDC	V	28 09 00 12.5-3.1	19.16N	121.16E	24-20	5.1,5.1s		
NEIC	V	28 09 00 12.4-1.1	19.16N	121.18E	23	5.5W,5.3s		
MOS	V	28 09 00 13.0-96	19.30N	121.18E	35	5.4b,5.3s		
SZGRF	V	28 09 00 14.1	19.19N	121.30E	33	5.3s,5.0b		
ISC	Event type fe.							
MAN	Event type fe. F SANCHEZ MIRA CAGAYAN - INTENSITY IV CALLAO TUGUEGARAO - INTENSITY III LAOAG CITY - INTENSITY II.							
ISC	Event type fe. Error ellipse: s-maj=3.6km s-min=2.3km az=151.8.							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s100.c181; Mantle waves: s99.c230; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mrr:0.42±0.05 M _{θθ} :0.42±0.03; M _{φφ} :2.62±0.04; M _{θφ} :0.76±0.04; M _{φθ} :1.64±0.03; M _{θφ} :1.85±0.05; Best double couple: NP1:φ=32.0000°; λ=29.0000°; Azm:196.0000°; NP2:φ=205.0000°; λ=81.0000°; Azm:6.0000°; Principal axes: T 3.6100; Plg74.0000°; Azm105.0000°; P -0.4430; Plg3.0000°; Azm206.0000°; P -4.0530; Plg16.0000°; Azm297.0000°; Mz:83200×10 ¹⁷							
IDC	Error ellipse: s-maj=14.7km s-min=10.8km az=65.0.							
NEIC	Event type fe. Error ellipse: s-maj=3.5km s-min=3.1km az=76.0. Felt (IV PIVS) at Sanchez Mira, (III PIVS) at Callao and (II PIVS) at Laaoag, Luzon. Felt at Tuguegarao City, Luzon. Moment Tensor Solution. s33 Moment tensor: Scale 10 ¹⁷ Nm; Mrr:1.75 M _{θθ} :0.25 M _{φφ} :1.49 M _{θφ} :0.31 M _{φθ} :0.83 M _{φφ} :0.79 Best double couple: NP1:φ=204.0000°; λ=87.0000°; Azm:187.0000°; NP2:φ=29.0000°; λ=83.0000°; Azm:94.0000°; Principal axes: T 1.9400; Plg77.0000°; Azm105.0000°; P -0.1600; Plg2.0000°; Azm206.0000°; P -2.1000; Plg12.0000°; Azm296.0000°; Mz:2.00000×10 ¹⁷							
MOS	Error ellipse: s-maj=7.6km s-min=3.9km az=117.3.							
SZGRF	Philippine Islands region.							
ISC	V	28 15 34 21.3-1.7	18.2N-10	119.7E-10	47-12	3.7b	21	1-54
IDC	V	28 15 34 18.2-1.5	18.49N	122.22E	0	4.2L,3.9		¶9508839
MAN	V	28 15 34 18.2	18.21N	119.55E	39	5.2s,4.9L		
ISC	V	28 15 34 20.0-1.7	18.2N-10	119.7E-10	57-12	3.7b,4.9L		
ISC	V	30 06 00 43.3-23	20.65N-02	120.16E-03	28	4.4b,3.9s	143	2-122
NIED	V	30 06 00 00	20.70N	120.40E	20	4.5W,3.9E		¶10698704
ISC	V	30 06 00 41.2-23	20.64N-02	120.14E-03	26	4.4b,3.9s		
BJI	V	30 06 00 41.2	20.37N	120.02E	35	4.7b,4.4s		
MAN	V	30 06 00 41.5	20.39N	119.94E	1	7.6s,5.0L		
IDC	V	30 06 00 42.9-65	20.59N	119.97E	27-4	4.3,4.3		
MOS	V	30 06 00 42.5-89	20.60N	119.93E	33	4.8b,4.3		
NEIC	V	30 06 00 43.2-28	20.59N	120.01E	26	4.6b,4.3		
JMA	V	30 06 00 44.8-20	20.68N	120.37E	91	4.2,4.3		
ISC	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=307.0000°; λ=97.0000°; NP2:φ=142.0000°; λ=77.0000°; Mz:5.00000×10 ¹⁵							
ISC	Event type se. Error ellipse: s-maj=4.1km s-min=3.2km az=17.2.							
IDC	Error ellipse: s-maj=19.9km s-min=11.8km az=71.0.							
MOS	Error ellipse: s-maj=12.7km s-min=7.4km az=109.2.							
NEIC	Event type se. Error ellipse: s-maj=7.3km s-min=5.3km az=102.0.							
JMA	Error ellipse: s-maj=3.3km s-min=4.2km az=-1.0.							
ISC	V	25 14 10 16.1-2.4	20.4N-10	119.8E-30	57-24	3.5b	8	3-87
IDC	V	25 14 10 08.6-1.1	20.34N	119.73E	0	3.8,3.6		¶9599389
ISC	V	25 14 10 14.8-2.7	20.3N-10	119.7E-30	59-25	3.5b,3.6		
IDC	V	25 14 46 19.1-1.1	19.51N	117.93E	0	3.9,3.7		¶9599390
IDC	Error ellipse: s-maj=118.9km s-min=20.1km az=64.0.							
ISC	V	25 14 19 28.3-12	20.68N-01	120.11E-02	25	5.1b,4.5s	422	2-149
NIED	V	25 14 19 00	20.70N	120.30E	32	5.1W,4.5s		¶8440543
IDC	V	25 14 19 23.5-50	20.50N	120.12E	0	4.8,4.8		
BJI	V	25 14 19 25.8	20.83N	119.85E	8	5.1s,5.1b		
ISC	V	25 14 19 26.3-12	20.68N-01	120.14E-02	24	5.1b,4.5s		
MAN	V	25 14 19 27.1	20.57N	120.25E	6	8.3s,5.6L		
NEIC	V	25 14 19 28.0-16	20.65N	120.11E	24	5.2b,4.6s		
MOS	V	25 14 19 27.9-92	20.71N	120.11E	33	5.3b,4.5s		
HRVD	V	25 14 19 28.0-20	20.62N	119.99E	12	5.1W,4.5s		
JMA	V	25 14 19 30.0-30	20.70N	120.29E	114	4.3,4.5s		
SZGRF	V	25 14 19 32.3	20.99N	119.81E	27	5.5b,4.5s		
ISC	Event type se.							
NIED	Moment Tensor Solution. Best double couple: NP1:φ=91.0000°; λ=156.0000°; NP2:φ=188.0000°; λ=67.0000°; Mz:4.62000×10 ¹⁶							
IDC	Error ellipse: s-maj=16.9km s-min=11.4km az=67.0.							
ISC	Event type se. Error ellipse: s-maj=2.8km s-min=2.1km az=0.4.							
NEIC	Event type se. Error ellipse: s-maj=4.9km s-min=3.8km az=89.0.							
MOS	Error ellipse: s-maj=8.9km s-min=4.2km az=117.7.							
HRVD	Error ellipse: s-maj=1.1km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s45.c53; Mantle waves: s85.c142; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mrr:4.83±0.08 M _{θθ} :0.17±0.07; M _{φφ} :4.66±0.08; M _{θφ} :0.82±0.32; M _{φθ} :0.05±0.07; M _{θφ} :1.03±0.24; Best double couple: NP1:φ=171.0000°; λ=104.0000°; Azm:104.0000°; NP2:φ=8.0000°; λ=82.0000°; Azm:79.0000°; Principal axes: T 4.7710; Plg6.0000°; Azm90.0000°; P -0.2990; Plg9.0000°; Azm181.0000°; P -5.0700; Plg79.0000°; Azm326.0000°; Mz:4.92100×10 ¹⁶							
JMA	Error ellipse: s-maj=5.6km s-min=5.2km az=-1.0.							
SZGRF	Philippine Islands region.							
ISC	V	25 23 51 16.7-3.0	20.65N-04	120.04E-07	20-19	4.2b	47	3-100
ISC	V	25 23 51 13.4-33	20.65N-04	119.99E-06	10	4.2b		¶8440560
IDC	V	25 23 51 13.6-74	20.62N	119.90E	0	4.2,4.0b		
NEIC	V	25 23 51 17.9-59	20.98N	119.79E	10	4.3b,4.0b		
MAN	V	25 23 51 19.3	20.76N	120.71E	30	6.6s,4.3L		

BJI	V	25 23 51 21.7	21.27N	119.38E	10	4.6b,4.1s		
ISC	Event type se.							
ISC	Event type se. Error ellipse: s-maj=8.9km s-min=4.5km az=136.2.							
IDC	Error ellipse: s-maj=36.5km s-min=15.8km az=66.0.							
NEIC	Event type se. Error ellipse: s-maj=13.4km s-min=12.1km az=78.0.							
ISC	V	26 00 58 12.4-42	20.49N-06	119.9E-10	10	4.0b,3.9s	25	3-97
ISC	V	26 00 58 10.6-43	20.46N-06	119.8E-10	10	4.0b,3.9s		¶9132091
IDC	V	26 00 58 10.7-95	20.44N	119.87E	0	4.1,3.8		
NEIC	V	26 00 58 12.1-31	20.45N	119.90E	10	4.1b,3.8		
ISC	Event type se.							
ISC	Event type se. Error ellipse: s-maj=17.6km s-min=5.9km az=130.0.							
IDC	Error ellipse: s-maj=39.2km s-min=20.3km az=71.0.							

MAN	V	06 16 01 31.2	13.44N	120.55E	29	4.0L,2.5b				ISCJB	V	16 16 02 22.9-1.3	13.47N-05	120.68E-07	8-8	4.2b	19508621		
MAN	V	10 07 31 20.0	13.58N	120.64E	82	4.1s,3.8L	19508443			IDC	V	16 16 02 22.9-1.4	13.46N	120.69E	0	4.4,4.1b			
MAN	V	20 02 46 42.1	13.38N	120.12E	1	3.9L,3.4s	19508496			MAN	V	16 16 02 23.6	13.50N	120.72E	5	4.7L,3.5b			
MAN	V	20 04 58 59.4	13.61N	121.87E	14	3.8L,2.1s	19508675			ISCJB	Error ellipse: s-maj=12.1km s-min=8.6km az=29.0.								
ISC	V	28 20 51 33.2-74	13.27N-04	120.13E-08	40-9	4.0b,3.1s	33	0-84		IDC	Error ellipse: s-maj=44.9km s-min=9.4km az=102.0.								
ISCJB	V	28 20 51 31.8-70	13.28N-04	120.09E-08	45-8	4.0b,3.1s	19132235			ISC	V	16 16 50 19.4-69	13.76N-06	120.5E-10	114-7	3.2b	16	0-39	
NEIC	V	28 20 51 32.9-1.8	13.25N	120.15E	39-17	4.2b,3.1s				ISCJB	V	16 16 50 18.4-68	13.76N-06	120.5E-10	121-7	3.2b		19508622	
IDC	V	28 20 51 33.8-4.8	13.26N	120.12E	45-49	3.8,3.7				IDC	V	16 16 50 19.4-3.0	14.03N	121.45E	111-34	3.2,3.0			
ISC	Event type se.									MAN	V	16 16 50 19.9	13.72N	120.55E	84	4.3L,3.5s			
ISCJB	Event type se. Error ellipse: s-maj=12.7km s-min=6.5km az=178.3.									ISCJB	Error ellipse: s-maj=18.8km s-min=9.1km az=34.3.								
NEIC	Event type se. Error ellipse: s-maj=22.0km s-min=7.1km az=66.0.									IDC	Error ellipse: s-maj=143.6km s-min=22.4km az=72.0.								
IDC	Error ellipse: s-maj=46.7km s-min=16.1km az=76.0.									MAN	V	17 15 01 37.4	13.85N	120.13E	41	4.0L,3.7s			
ISC	V	06 18 12 54.4-64	13.60N-05	120.51E-06	68-6	3.6b	21	0-39		ISC	V	28 16 44 17.0-33	13.70N-03	120.46E-05	84-4	4.7b	73	0-80	
ISCJB	V	06 18 12 53.4-64	13.60N-04	120.51E-06	74-6	3.6b	19508445			BJI	V	28 16 44 13.3	14.15N	121.04E	51	4.9b,4.5b		18649709	
MAN	V	06 18 12 53.8	13.57N	120.54E	51	4.1L,2.6b				MAN	V	28 16 44 15.8	13.73N	120.37E	68	4.9L,3.9b			
IDC	V	06 18 12 54.4-1.5	14.77N	120.56E	0	3.4,3.3b				MOS	V	28 16 44 15.4-46	13.69N	120.68E	97	4.9b,3.9b			
ISCJB	Error ellipse: s-maj=9.1km s-min=7.4km az=7.2.									ISCJB	V	28 16 44 15.9-34	13.70N-03	120.45E-05	91-4	4.7b,3.9b			
IDC	Error ellipse: s-maj=145.6km s-min=11.8km az=63.0.									NEIC	V	28 16 44 16.3-31	13.67N	120.62E	85	5.0b,3.9b			
MAN	I	31 17 28 23.3	13.63N	121.62E	1	3.6L,2.7s	19488415			IDC	V	28 16 44 17.0-1.1	13.76N	120.84E	93-9	4.1,3.9			
MAN	I	23 21 15 13.0	13.69N	120.11E	38	5.5s,3.9L	19485284			ISC	Event type se.								
MAN	I	21 21 28 18.0	13.51N	120.60E	4	3.7L,2.0b	19484633			MOS	Error ellipse: s-maj=30.4km s-min=10.3km az=117.5.								
MAN	I	20 21 22 57.4	13.47N	120.78E	1	4.5s	19484259			ISCJB	Event type se. Error ellipse: s-maj=5.0km s-min=5.4km az=155.6.								
MAN	I	15 21 49 34.6	13.63N	120.72E	114	4.0s,3.4L	19481848			NEIC	Event type se. Error ellipse: s-maj=11.6km s-min=5.9km az=56.0.								
MAN	I	14 15 48 23.1	12.96N	121.10E	1	3.7L,3.3s	19481415			IDC	Error ellipse: s-maj=57.4km s-min=14.3km az=69.0.								
MAN	I	14 15 06 53.6	13.04N	121.08E	12	3.6L,1.8b	19481401			MAN	V	19 14 15 08.3	13.47N	120.19E	46	4.3L,2.9b			
MAN	I	14 14 27 19.1	13.47N	120.11E	18	4.3L,2.9b	19481390			ISC	V	31 07 29 34.8-41	13.60N-05	120.39E-05	67-4	4.8b	43	0-79	
MAN	I	14 14 01 43.5	12.93N	121.18E	1	4.2L,2.7b	19481386			ISCJB	V	31 07 29 33.7-41	13.61N-05	120.37E-05	74-4	4.8b		18855010	
MAN	I	14 13 45 06.0	13.05N	121.16E	24	3.7L,3.0s	19481381			MAN	V	31 07 29 33.9	13.60N	120.37E	58	4.3L,2.9b			
MAN	I	12 04 20 38.9	13.53N	120.18E	33	4.5s,3.9L	19480560			IDC	V	31 07 29 34.2-1.1	14.70N	120.35E	0	4.3,4.2b			
MAN	I	11 23 46 45.1	13.57N	120.16E	32	4.0s,3.8L	19480506			MOS	V	31 07 29 35.8-1.4	14.70N	120.27E	33	5.0b,4.2b			
MAN	I	09 13 01 00.5	13.41N	120.15E	9	4.4s	19479507			NEIC	V	31 07 29 36.4-63	14.61N	120.21E	25	4.9b,4.2b			
MAN	I	05 21 30 32.2	13.98N	120.75E	106	6.8s,3.4L	19478010			ISC	Event type se.								
MAN	I	04 10 47 16.9	13.04N	120.83E	22	3.7L,3.6s	19477496			ISCJB	Event type se. Error ellipse: s-maj=8.2km s-min=7.4km az=21.3.								
MAN	I	03 12 57 29.3	13.82N	120.48E	80	4.2L,3.6s	19477116			IDC	Error ellipse: s-maj=56.9km s-min=9.8km az=50.0.								
ISC	I	08 18 38 54.5-38	13.97N-04	120.77E-09	118-3	4.3b	46	0-92		MOS	Error ellipse: s-maj=40.9km s-min=11.5km az=126.1.								
MOS	I	08 18 38 52.8-76	13.91N	120.75E	123	4.4b	18095341			NEIC	Event type se. Error ellipse: s-maj=29.8km s-min=10.7km az=45.0.								
ISCJB	I	08 18 38 53.4-38	13.96N-04	120.67E-09	121-3	4.3b				ISC	VI	23 11 09 01.2-1.1	13.37N-04	120.06E-05	13-7	4.1b	42	0-79	
IDC	I	08 18 38 53.8-73	13.88N	120.81E	116-5	4.1,3.8				IDC	VI	23 11 08 58.5-1.0	13.34N	120.03E	0	4.2,4.0b		19222490	
NEIC	I	08 18 38 53.8-53	13.98N	120.87E	113	4.6b,3.8				NEIC	VI	23 11 08 59.8-66	13.32N	120.08E	10	4.6b,4.0b			
ISC	Event type se.									MAN	VI	23 11 09 00.8	13.35N	120.15E	4	4.3L,2.8b			
MOS	Error ellipse: s-maj=26.6km s-min=12.2km az=111.4.									ISCJB	VI	23 11 09 01.4-94	13.39N-04	120.05E-05	27-7	4.1b,2.8b			
ISCJB	Event type se. Error ellipse: s-maj=14.3km s-min=6.8km az=158.2.									ISC	Event type se.								
IDC	Error ellipse: s-maj=27.1km s-min=17.2km az=75.0.									NEIC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=19.5km s-min=10.6km az=86.0.									ISCJB	Event type se.								
MAN	I	14 13 16 32	13.22N	121.24E	59	4.9s,3.8L	19481371			IDC	VI	24 09 18 37.9-5.6	13.35N	120.25E	48-61	3.4,3.4			
MAN	I	14 13 24 37.6	13.10N	121.14E	29	5.5s,3.3L	19481375			MAN	III	01 14 46 46	13.67N	120.30E	55	4.0s,3.6L			19222531
MAN	I	14 13 29 28.0	13.16N	121.18E	22	3.6L,1.8b	19481376			MAN	III	06 02 59 58.0	13.64N	120.05E	29	3.7L,3.2s			110595208
ISC	I	09 02 40 22.3-17	13.35N-02	120.17E-02	10	4.8b,4.7s	220	0-151		MAN	VI	29 23 10 12.8	13.64N	120.49E	71	3.9L,2.8s			110598184
ISCJB	I	09 02 40 20.7-17	13.34N-02	120.11E-02	10	4.8b,4.7s	18035732			MAN	VI	24 17 48 48.6	13.74N	120.57E	92	3.9s,3.5L			19510837
MAN	I	09 02 40 20.5	13.33N	120.14E	0	5.5L,4.9b				MAN	VI	20 12 16 10.2	13.69N	120.22E	46	9.4s,3.6L			19509397
MOS	I	09 02 40 22.8-1.4	13.41N	120.41E	33	4.9s,4.9b				MAN	VI	17 16 19 48.2	13.58N	120.65E	89	6.7s			19509317
SZGRF	I	09 02 40 23.4	13.21N	121.08E	33	5.2s,4.9b				MAN	VI	05 14 34 01.8	13.31N	120.44E	38	3.9L,2.3b			19509260
BJI	I	09 02 40 24.9	13.22N	120.46E	63	5.0b,4.9s				MAN	VI	05 13 15 20.9	13.65N	120.47E	58	3.9L,2.3b			19508997
IDC	I	09 02 40 25.6-1.7	13.30N	120.32E	51-14	4.7s,4.7				MAN	III	23 16 17 44.6	13.56N	120.10E	33	4.8s,3.8L			19508996
HRVD	I	09 02 40 25.4-40	13.26N	120.20E	25-1	5.3W,4.7				MAN	VI	03 13 29 02.0	13.62N	120.71E	133	5.5s			110609177
NEIC	I	09 02 40 25.4-32	13.43N	120.43E	42	4.9b,4.4s				MAN	VI	03 13 29 02.0	13.62N	120.71E	133	5.5s			19508955
ISC	Event type se.									MAN	III	27 23 58 21.6	12.15N	121.44E	23	4.2L,2.8b			110612029
ISCJB	Event type se. Error ellipse: s-maj=2.9km s-min=2.5km az=164.3.									MAN	VI	26 11 07 01.0	13.59N	120.69E	115	5.2s,4.4L			110613256
MAN	Event type se. Error ellipse: s-maj=19.5km s-min=10.6km az=86.0.									ISC	IV	03 11 14 21.3-36	13.75N-03	120.49E-07	108-3	4.2b	57	0-151	
MOS	Galera & Sucat Paranaque Intensity II.									ISCJB	IV	03 11 14 20.1-36	13.74N-03	120.47E-07	115-3	4.2b		19507777	
SZGRF	Mindoro, Philippine Islands.									IDC	IV	03 11 14 20.9-1.2	13.71N	120.64E	105-11	4.1,3.9			
IDC	Error ellipse: s-maj=19.3km s-min=13.4km az=92.0.									MAN	IV	03 11 14 21.2	13.79N	120.44E	93	4.6L,3.4b			
HRVD	Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s36,c51; Mantle waves: s58,c97; Half duration: 1s0 Moment tensor: Scale 10 ¹⁷ Nm; Mr0.29±0.02 Mm0.17±0.02; M00-0.45±0.2; M00.06±0.04; M00.32±0.01; M00.82±0.07; Best double couple: NP1.0:301.00000°,δ21.00000°,λ35.00000°; NP2.0:178.00000°,δ78.00000°,λ108.00000°. Principal axes: T 0.8430,Plg54.0000°,Az																		

MAN	Event type fe. F ALBUERA LEYTE - INTENSITY II	11.20N-03	124.41E-03	6-5	4.1b	54	0-94	MAN	VI	23 00 08 08.1	10.31N	125.14E	30	3.8L,2.0b	19509374
ISC	III 22 04 59 59.5-67	11.20N-03	124.41E-03	6-5	4.1b	54	0-94	MAN	VI	22 03 08 55.2	11.95N	124.06E	1	4.7L,3.5b	19509355
IDC	III 22 04 59 57.5-87	11.15N	124.52E	0	4.1,3.9			MAN	VI	21 18 14 58.0	10.34N	125.00E	27	3.5L,2.1s	19509338
MAN	III 22 04 59 58.8	11.19N	124.39E	2	5.0L,3.9b			MAN	VI	20 19 51 08.9	10.51N	125.39E	76	3.8L,2.9s	19509320
ISCJB	III 22 04 59 59.9-52	11.20N-03	124.44E-03	20-5	4.1b,3.9b			MAN	VI	20 16 41 11.8	11.22N	124.59E	7	3.6L,1.7b	19509319
NEIC	III 22 05 00 25.5-6.7	10.89N	124.06E	251-68	4.0b,3.9b			MAN	VI	19 02 31 00.9	11.92N	124.10E	1	9.3s,4.2L	19509295
ISC	Event type fe.							MAN	VI	11 14 14 36.0	10.35N	125.18E	7	4.0L,2.5b	19509137
IDC	Error ellipse: s-maj=62.1km s-min=17.9km az=72.0.							MAN	VI	09 15 46 52.4	10.93N	125.16E	42	3.8L,2.3s	19509094
MAN	Event type fe. F PALOMPON LEYTE - INTENSITY III CEBU CITY - INTENSITY II							MAN	VI	06 19 10 42.0	10.31N	125.35E	31	3.6L,3.5s	19509018
ISCJB	Event type fe. Error ellipse: s-maj=5.7km s-min=4.4km az=6.4.							MAN	VI	06 18 56 27.5	10.44N	125.31E	13	4.2L,3.4s	19509017
NEIC	Event type fe. Error ellipse: s-maj=25.6km s-min=12.2km az=61.0. Felt [III PIVS] at Palompon. Also felt [II PIVS] at Cebu City, Cebu.							MAN	VI	03 16 20 44.8	10.16N	124.65E	106	4.8s,4.2L	19508998
MAN	III 12 03 06 14.1	11.28N	124.47E	25	4.8s,3.7L			MAN	III	25 11 02 32.3	10.55N	125.42E	11	3.7L,2.9s	19508956
MAN	III 14 15 17 03.4	10.25N	125.89E	24	4.2L,2.9s			MAN	IV	30 03 47 38.9	10.64N	125.74E	0	4.1L,4.0s	19508318
MAN	III 14 16 20 46.5	10.97N	124.75E	1	4.0L,2.5b										
MAN	III 16 10 39 33.1	10.03N	125.99E	19	4.2L,2.7b										
MAN	III 26 10 07 26.6	11.23N	124.59E	25	3.5L,2.1s										
MAN	III 26 19 26 55.9	10.07N	125.29E	24	3.8L,3.4s										
MAN	III 07 19 44 00.8	10.70N	125.39E	52	3.6L,3.3s										
MAN	III 08 07 45 24.0	10.08N	125.94E	24	3.9L,3.8s										
ISC	III 26 10 00 27.9-62	11.39N-03	124.52E-03	24-5	4.2b,3.9s	63	0-95								
MAN	III 26 10 00 26.8	11.38N	124.49E	19	5.1L,4.1b										
ISCJB	III 26 10 00 27.9-35	11.36N-03	124.51E-03	39-4	4.2b,3.9s										
BJI	III 26 10 00 36.7	11.46N	124.70E	123	4.9b,4.6b										
IDC	III 26 10 00 37.5-3.7	11.33N	124.60E	113-33	4.1,3.9										
NEIC	III 26 10 00 38.8-1.4	11.25N	124.45E	128-13	4.1b,3.9										
ISC	Event type se.														
ISCJB	Event type se. Error ellipse: s-maj=5.1km s-min=4.5km az=125.4.														
IDC	Error ellipse: s-maj=49.5km s-min=13.1km az=68.0.														
NEIC	Event type se. Error ellipse: s-maj=23.0km s-min=7.8km az=66.0.														
ISC	VI 17 13 57 52.4-43	11.94N-04	124.07E-05	46-11	3.8b	26	1-49								
MAN	VI 17 13 57 50.5	11.99N	124.09E	56	5.4s,4.8L										
ISCJB	VI 17 13 57 51.2-43	11.94N-04	124.05E-05	59-10	3.8b,4.8L										
IDC	VI 17 13 57 54.2-13	11.99N	124.64E	54-104	4.2L,4.0										
ISCJB	Error ellipse: s-maj=9.5km s-min=5.5km az=105.6.														
IDC	Error ellipse: s-maj=265.7km s-min=36.5km az=61.0.														
ISC	III 19 20 31 10.5-3.7	10.4N-10	126.0E-40	61-33	3.6b	8	1-84								
IDC	III 19 20 31 01.9-1.9	10.60N	126.42E	0	3.8,3.6										
ISCJB	III 19 20 31 09.7-4.2	10.3N-20	126.0E-60	72-35	3.5b,3.6										
ISC	IV 11 07 57 17.1-46	10.34N-03	125.57E-06	108-4	4.2b	52	1-147								
NEIC	IV 11 07 57 15.9-38	10.22N	125.26E	96	4.8b										
ISCJB	IV 11 07 57 16.1-46	10.32N-03	125.58E-07	114-4	4.2b										
IDC	IV 11 07 57 16.0-69	10.33N	125.47E	98-6	4.1,4.0										
MAN	IV 11 07 57 17.8	10.36N	125.51E	79	4.8L,3.7b										
ISC	Event type se.														
NEIC	Event type se. Error ellipse: s-maj=27.3km s-min=7.4km az=77.0.														
ISCJB	Event type se. Error ellipse: s-maj=10.7km s-min=5.4km az=168.3.														
IDC	Error ellipse: s-maj=36.1km s-min=11.3km az=72.0.														
MAN	VI 17 14 05 31.8	11.90N	124.05E	2	6.5s,4.0L										
MAN	II 03 11 54 33.9	10.30N	124.26E	47	6.2s,3.7L										
MAN	II 03 23 50 00.6	10.98N	124.33E	25	4.2L,2.7b										
MAN	II 08 18 35 20.8	10.15N	125.75E	174	4.6L,3.4b										
MAN	II 08 19 29 11.2	11.23N	124.68E	18	3.6L,1.9b										
MAN	II 10 14 31 07.7	11.08N	124.73E	2	4.4L,3.0b										
MAN	II 13 16 19 30.6	11.29N	124.72E	19	3.6L,1.8b										
MAN	II 16 22 07 00.2	10.34N	125.05E	5	4.5L,3.2b										
ISC	II 17 02 36 28.2-77	10.32N-03	125.15E-04	2-6	4.0s,3.7b	27	0-94								
IDC	II 17 02 36 27.7-1.1	10.43N	125.32E	0	3.8s,3.8										
MAN	II 17 02 36 28.6	10.33N	125.06E	3	3.3b,1.9s										
ISCJB	II 17 02 36 29.9-2.3	10.32N-04	125.18E-04	15-16	4.0s,3.7b										
NEIC	II 17 02 36 32.6-65	10.37N	125.09E	35	4.3b,3.7b										
ISC	Event type fe.														
IDC	Error ellipse: s-maj=64.6km s-min=23.1km az=75.0.														
ISCJB	Event type fe. Error ellipse: s-maj=7.6km s-min=5.8km az=140.3.														
NEIC	Event type fe. Error ellipse: s-maj=41.1km s-min=14.3km az=70.0. Felt [II PIVS] at Sogod.														
MAN	V 10 06 14 06.7	10.36N	125.11E	12	4.2L,4.2s										
MAN	V 11 09 45 19.2	10.93N	125.52E	17	4.3L,3.0b										
MAN	V 11 21 02 27.9	10.34N	125.13E	5	4.2L,2.7b										
MAN	V 21 17 48 45.0	11.29N	125.24E	7	4.4L,3.0b										
MAN	V 23 17 28 35.8	11.44N	124.62E	7	4.2L,2.8b										
MAN	V 10 20 20 53.3	10.44N	124.14E	2	5.1L,4.2b										
MAN	Event type fe. F TONGONAN LEYTE - INTENSITY II ORMOC LEYTE - INTENSITY III CAPOOCAN JARO PASTRANA LEYTE - INTENSITY II CARIGARA LEYTE - INTENSITY I														
ISC	V 10 02 02 21.0-86	11.08N-03	124.71E-04	14-5	4.5b,3.9s	75	0-95								
MAN	V 10 02 02 19.3	11.13N	124.64E	1	5.4L,4.6b										
ISCJB	V 10 02 02 20.6-64	11.11N-03	124.71E-04	24-5	4.5b,3.9s										
MOS	V 10 02 02 21.6-1.0	11.00N	124.59E	33	4.6b,3.9s										
IDC	V 10 02 02 29.4-5.7	10.95N	124.54E	87-53	4.2,4.1										
NEIC	V 10 02 02 32.3-2.3	10.98N	124.57E	116-22	4.3b,4.1										
BJI	V 10 02 02 36.8	11.72N	124.32E	116	4.7b,4.6b										
ISC	Event type fe.														
ISCJB	Event type fe. Error ellipse: s-maj=6.7km s-min=5.5km az=152.7.														
MOS	Error ellipse: s-maj=31.8km s-min=11.1km az=114.0.														
IDC	Error ellipse: s-maj=44.7km s-min=13.0km az=74.0.														
NEIC	Event type fe. Error ellipse: s-maj=17.2km s-min=8.3km az=81.0. Felt [IV PIVS] at Tongonan; [III PIVS] at Ormoc; [II PIVS] at Capooan, Jaro and Pastrana; [I PIVS] at Alangalang and Carigara.														
MAN	I 26 16 20 40.4	10.37N	125.65E	20	4.3L,3.1s										
MAN	I 03 19 50 12.4	11.48N	124.41E	8	4.5L,3.2b										
MAN	I 03 05 04 09.3	11.79N	124.47E	28	4.3L,3.0b										
MAN	I 28 17 52 54.8	10.13N	125.28E	1	3.6L,2.9s										
ISC	I 27 13 58 18.1-56	10.08N-03	125.11E-03	24-4	3.9b,3.2s	47	0-94								

MAN VI	28 02 12 47.5	9.23N	125.67E	11	3.7L,3.5s				
MAN VI	27 14 26 13.7	6.84N	122.26E	17	3.9L,2.9s	¶19510814			
MAN VI	25 05 36 53.7	9.80N	125.37E	28	5.2L,4.3b	¶19510794			
MAN VI	24 19 48 47.2	9.93N	125.35E	213	4.0L,2.6s	¶19509414			
MAN VI	24 16 27 32.1	9.03N	125.14E	1	3.5L,1.6b	¶19509398			
MAN VI	22 22 52 46.0	8.02N	125.06E	15	4.6L,3.8s	¶19509395			
MAN VI	22 17 16 09.1	9.09N	125.16E	9	3.5L,3.2s	¶19509361			
MAN VI	21 15 35 01.1	7.32N	124.78E	25	6.8s,3.9L	¶19509359			
MAN VI	20 12 03 44.0	9.13N	125.33E	22	4.2s,4.1L	¶19509336			
MAN VI	18 18 24 46.6	6.57N	126.58E	32	6.7s,3.9L	¶19509316			
MAN VI	17 08 20 17.3	8.75N	125.32E	14	4.4L,3.1b	¶19509279			
MAN VI	16 17 39 11.9	9.47N	125.69E	13	3.7L,2.1s	¶19509254			
MAN VI	06 22 28 48.5	8.79N	126.14E	30	4.2L,2.8b	¶19509239			
MAN VI	10 22 37 27.8	7.17N	122.93E	16	4.9L,3.8b	¶19509022			
MAN VI	10 08 16 47.5	8.87N	126.56E	37	4.3L,3.6s	¶19509120			
MAN VI	10 03 21 05.5	8.91N	125.62E	7	4.3L,3.0b	¶19509116			
MAN VI	08 17 19 35.2	7.03N	126.76E	120	4.1L,2.7s	¶19509115			
MAN VI	06 21 16 53.0	8.77N	126.42E	25	4.0L,2.7s	¶19509057			
MAN VI	06 20 29 53.5	7.89N	124.96E	25	3.8L,2.2b	¶19509020			
MAN VI	04 15 58 42.6	8.78N	126.12E	48	5.4s,3.8L	¶19509019			
MAN VI	02 20 53 25.8	8.20N	126.49E	67	3.5L,1.9s	¶19508978			
MAN VI	01 00 53 35.2	9.91N	125.92E	21	4.5L,3.2b	¶19508936			
MAN VI	01 07 34 48.6	9.43N	126.71E	23	4.6L,3.6s	¶19508914			
MAN VI	04 14 33 57.2	8.72N	126.19E	23	3.9L,2.7s	¶19508917			
MAN III	28 14 40 44.8	9.62N	125.40E	16	6.7s,3.7L	¶19508977			
IDC III	29 03 50 14.9-2.6	6.19N	125.44E	0	4.0,3.8b	¶10612367			
IDC	Error ellipse: s-maj=129.5km s-min=42.1km az=67.0.					¶10612675			
ISC VI	02 17 40 20.8-60	9.42N-03	126.31E-05	63-5	4.4b	78	1-145		
MOS VI	02 17 40 15.4-1.1	9.43N	126.19E	33	4.8b	¶18855048			
IDC VI	02 17 40 17.5-4.0	9.48N	126.38E	36-31	4.3,4.2				
ISC JB VI	02 17 40 19.5-5.8	9.42N-03	126.30E-05	68-5	4.3b,4.2				
MAN VI	02 17 40 20.6	9.41N	126.19E	28	5.2L,4.3b				
NEIC VI	02 17 40 22.3-2.2	9.44N	126.36E	82-20	4.5b,4.3b				
ISC	Event type se.								
MOS	Error ellipse: s-maj=32.1km s-min=10.8km az=107.5.								
IDC	Error ellipse: s-maj=56.2km s-min=12.1km az=74.0.								
ISC JB	Event type se. Error ellipse: s-maj=8.4km s-min=4.8km az=143.8.								
NEIC	Event type se. Error ellipse: s-maj=15.6km s-min=5.9km az=67.0.								
ISC	IV 03 02 09 08.4-63	9.96N-03	126.41E-05	53-5	4.5b,4.2s	135	1-146		
MOS	IV 03 02 09 04.5-1.3	9.97N	126.34E	33	4.7b,2.4s	¶18503860			
MAN	IV 03 02 09 05.2	9.96N	126.35E	7	5.2L,4.2b				
BJI	IV 03 02 09 05.5	10.00N	126.30E	35	5.0b,4.7b				
NEIC	IV 03 02 09 06.5-27	9.95N	126.34E	35	4.6b,4.7b				
IDC	IV 03 02 09 07.5-2.5	9.98N	126.36E	46-23	5.4L,4.4				
ISC JB	IV 03 02 09 07.1-63	9.96N-03	126.40E-05	58-5	4.5b,4.2s				
ISC	Event type fe.								
MAN	Event type fe. F MAINIT SURIGAO DEL NORTE - INTENSITY I.								
NEIC	Event type fe. Felt [I PIVS] at Mainit.								
ISC JB	Event type fe.								
ISC	IV 10 02 28 47.8-1.1	6.8N-30	126.9E-70	126-11	4.0b	13	1-71		
IDC	IV 10 02 28 32.6-1.8	6.97N	127.08E	0	4.1,4.0	¶19594558			
NEIC	IV 10 02 28 38.2-1.3	6.94N	126.95E	35	4.4b,4.0				
ISC JB	IV 10 02 28 46.2-1.1	6.8N-30	127.0E-70	132-11	3.9b,4.0				
ISC	Event type se.								
NEIC	Event type se.								
ISC JB	Event type se.								
ISC	VI 03 14 48 12.9-82	5.11N-06	125.07E-07	84-10	4.1b	29	2-73		
IDC	VI 03 14 48 03.5-1.0	5.13N	125.38E	0	4.2,4.1	¶19221395			
NEIC	VI 03 14 48 09.0-1.4	5.17N	125.35E	42-16	4.3b,4.1				
ISC JB	VI 03 14 48 11.8-89	5.13N-06	125.03E-06	94-11	4.1b,4.1				
MAN	VI 03 14 48 21.4	5.91N	124.83E	94	5.9s,4.1				
ISC	Event type se.								
IDC	Error ellipse: s-maj=55.3km s-min=17.9km az=78.0.								
NEIC	Event type se. Error ellipse: s-maj=17.7km s-min=9.3km az=82.0.								
ISC JB	Event type se. Error ellipse: s-maj=10.6km s-min=9.9km az=144.6.								
ISC	IV 21 14 22 25.8-49	6.74N-03	126.21E-04	59-4	4.9b,4.0s	192	1-163		
MOS	IV 21 14 22 21.0-1.4	6.81N	126.12E	33	5.1b,4.0s	¶10697992			
IDC	IV 21 14 22 24.4-2.0	6.72N	126.10E	51-16	4.7,4.5				
ISC JB	IV 21 14 22 24.3-51	6.73N-03	126.20E-04	62-4	4.9b,4.5				
MAN	IV 21 14 22 25.6	6.78N	126.03E	82	5.3L,4.5b				
NEIC	IV 21 14 22 29.0-1.4	6.77N	126.19E	94-13	5.0b,4.5b				
BJI	IV 21 14 22 29.0	6.87N	126.36E	94	5.0b,4.9b				
ISC	Event type fe.								
MOS	Error ellipse: s-maj=14.7km s-min=6.2km az=107.1.								
IDC	Error ellipse: s-maj=18.8km s-min=8.2km az=73.0.								
ISC JB	Event type fe. Error ellipse: s-maj=7.2km s-min=4.6km az=140.8.								
MAN	Event type fe. F DAVAO CITY - INTENSITY II.								
NEIC	Event type fe. Error ellipse: s-maj=9.4km s-min=4.7km az=72.0. Felt [II PIVS] at Davao.								
ISC	VI 03 18 44 10.8-89	6.2N-20	124.0E-40	600	3.9b	11	27-88		
ISC JB	VI 03 18 44 09.2-89	6.2N-20	124.0E-40	600	3.9b	¶19221404			
IDC	VI 03 18 44 10.0-5.2	6.21N	124.09E	586-76	4.2,3.2b				
NEIC	VI 03 18 44 10.7-77	6.15N	123.99E	600	4.6b,3.2b				
ISC	Event type se.								
ISC JB	Event type se. Error ellipse: s-maj=57.4km s-min=12.3km az=147.1.								
IDC	Error ellipse: s-maj=61.1km s-min=17.6km az=71.0.								
NEIC	Event type se. Error ellipse: s-maj=54.6km s-min=11.9km az=74.0.								
ISC	IV 18 19 23 30.8-68	9.96N-06	126.47E-05	10	3.6b	21	1-86		
ISC JB	IV 18 19 23 28.9-72	9.93N-05	126.57E-05	10	3.6b	¶19595172			
IDC	IV 18 19 23 29.0-1.4	9.85N	126.12E	0	3.8,3.7b				
ISC JB	Error ellipse: s-maj=7.8km s-min=7.7km az=99.3.								
IDC	Error ellipse: s-maj=130.8km s-min=17.7km az=73.0.								
ISC	IV 24 12 34 42.4-67	8.85N-04	126.45E-06	64-5	4.3b	65	1-95		
IDC	IV 24 12 34 33.9-51	8.96N	126.45E	0	4.3,4.2	¶19508199			
ISC JB	IV 24 12 34 41.1-60	8.82N-04	126.43E-06	69-5	4.3b,4.2				
MAN	IV 24 12 34 41.8	8.82N	126.41E	35	4.8L,3.7b				
NEIC	IV 24 12 34 46.7-3.4	8.87N	126.39E	105-32	4.4b,3.7b				
ISC	Event type se.								
IDC	Error ellipse: s-maj=35.3km s-min=11.9km az=77.0.								
ISC JB	Event type se. Error ellipse: s-maj=9.7km s-min=5.5km az=131.0.								
NEIC	Event type se. Error ellipse: s-maj=22.4km s-min=8.3km az=76.0.								

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ISC III	12 01 15 04.8-6.9	6.2N-10	128.3E-10	5-43	4.6s,4.1b	14	4-73		
ISC JB III	12 01 15 05.3-6.6	6.2N-10	128.3E-10	23-47	4.6s,4.1b	¶10602234			
IDC III	12 01 15 06.7-2.0	5.39N	126.43E	0	4.8s,4.8				

NEIC III	12 01 15 10.6-78	5.68N	126.97E	35	4.3b,4.8				
ISC	Event type se.								
ISC JB	Error ellipse: s-maj=35.3km s-min=10.7km az=101.0.								
IDC	Error ellipse: s-maj=189.6km s-min=20.1km az=64.0.								
NEIC	Event type se. Error ellipse: s-maj=71.3km s-min=9.3km az=66.0.								
ISC I	28 02 36 39.4-1.0	5.6N-20	128.5E-20	35	4.0b	7	4-67		
IDC I	28 02 36 35.6-1.4	4.97N	127.03E	0	4.2,4.0b	¶19486997			
ISC JB I	28 02 36 36.8-1.1	5.6N-20	128.4E-20	33	4.0b,4.0b				
SEISMIC REGION 23. Borneo-Sulawesi.									
(261) Borneo.									
ISC IV	22 02 01 31.6-1.3	6.30N-08	118.00E-09	42-13	3.8b	15	2-82		
IDC IV	22 02 01 25.4-1.0	6.04N	117.60E	0	3.9,3.7b	¶19597698			
ISC JB IV	22 02 01 30.4-1.2	6.31N-08	118.02E-09	53-12	3.8b,3.7b				
NEIC IV	22 02 01 34.2-3.4	6.12N	117.81E	71-32	4.0b,3.7b				
ISC	Event type se.								
IDC	Error ellipse: s-maj=106.9km s-min=19.0km az=62.0.								
ISC JB	Event type se. Error ellipse: s-maj=15.0km s-min=12.1km az=128.0.								
NEIC	Event type se. Error ellipse: s-maj=53.1km s-min=9.9km az=58.0.								
ISC II	06 14 54 12.0-1.2	4.8N-10	118.3E-20	35	3.5b	5	1-52		
IDC II	06 14 54 07.1-1.7	5.13N	118.82E	0	3.7,3.6b	¶19570023			
ISC JB II	06 14 54 09.6-1.3	4.9N-10	118.4E-20	33	3.5b,3.6b				
IDC II	14 09 41 17.3-3.0	1.11N	114.13E	0	3.8,3.5b	¶19570812			
IDC	Error ellipse: s-maj=415.2km s-min=28.2km az=56.0.								
IDC V	12 13 51 00.4-2.0	2.90S	117.58E	0	3.9,3.7b	¶19598810			
IDC	Error ellipse: s-maj=308.2km s-min=23.1km az=56.0.								
ISC I	31 16 49 02.2-1.8	1.70N-08	118.1E-10	44-17	4.6b	45	3-166		
IDC I	31 16 48 55.7-53	1.77N	118.12E	0	4.7L,4.5	¶18227373			
BJI I	31 16 48 56.9	1.69N	118.06E	10	5.3b,5.0s				
NEIC I	31 16 48 57.4-28	1.69N	118.07E	10	4.6b,5.0s				
MOS I	31 16 48 59.0-1.0	1.74N	118.08E	33	4.8b,5.0s				
ISC JB I	31 16 49 00.1-2.0	1.71N-08	118.1E-10	43-19	4.6b,5.0s				
ISC	Event type se.								
NEIC	Event type se.								
ISC JB	Event type se.								
ISC I	31 16 40 53.8-16	1.65N-02	118.04E-03	29	5.4b,4.7s	384	3-164		
IDC I	31 16 40 48.7-42</								

ISCJB	Event type se. Error ellipse: s-maj=17.3km s-min=7.9km az=145.5.								
MOS	Error ellipse: s-maj=44.4km s-min=13.3km az=104.5.								
IDC	V 14 13 04 35.0-1.9 3.24N 126.16E	0	3.6,3.4b						
IDC	Error ellipse: s-maj=114.4km s-min=23.9km az=69.0.								
IDC	I 25 21 53 14.0-2.0 4.42N 126.13E	0	4.0,3.9						
IDC	Error ellipse: s-maj=199.0km s-min=24.1km az=64.0.								
IDC	I 18 18 34 21.7-1.2 2.99N 125.75E	0	3.7,3.6b						
IDC	Error ellipse: s-maj=150.1km s-min=21.4km az=67.0.								
IDC	I 08 19 11 54.4-1.6 3.26N 126.05E	0	3.8,3.6b						
IDC	Error ellipse: s-maj=151.6km s-min=26.5km az=68.0.								
IDC	I 02 15 56 49.0-2.0 4.12N 127.56E	0	3.9,3.7b						
IDC	Error ellipse: s-maj=165.5km s-min=26.9km az=64.0.								
ISC	I 11 03 43 59.2-3.3 2.65N-06 125.7E-10	119-31	4.4b	52	10-123				
MOS	I 11 03 43 47.6-97 2.81N 125.52E	28	4.6b						
ISCJB	I 11 03 43 53.0-4.1 2.70N-06 125.6E-10	76-37	4.4b						
IDC	I 11 03 43 53.6-4.2 2.59N 125.63E	70-36	4.3,4.1						
BJI	I 11 03 44 00.9 2.60N 125.80E	137	4.8b,4.7b						
NEIC	I 11 03 44 01.0-2.0 2.63N 125.80E	137-19	4.3b,4.7b						
ISC	Event type se.								
MOS	Error ellipse: s-maj=24.8km s-min=9.8km az=98.1.								
ISCJB	Event type se. Error ellipse: s-maj=24.3km s-min=9.8km az=162.3.								
IDC	Error ellipse: s-maj=31.7km s-min=12.4km az=72.0.								
NEIC	Event type se. Error ellipse: s-maj=18.3km s-min=7.7km az=71.0.								
ISC	I 25 01 00 47.1-4.9 3.3N-20 126.6E-30	40-43	4.3b	19	11-91				
IDC	I 25 01 00 40.8-1.1 3.34N 126.80E	0	4.4,4.2b						
ISCJB	I 25 01 00 45.3-6.6 3.3N-20 126.5E-30	40-58	4.3b,4.2b						
NEIC	I 25 01 00 46.4-4.4 3.29N 126.64E	35	4.4b,4.2b						
ISC	Event type se.								
IDC	Error ellipse: s-maj=184.8km s-min=17.8km az=67.0.								
ISCJB	Event type se. Error ellipse: s-maj=62.3km s-min=10.9km az=126.3.								
NEIC	Event type se. Error ellipse: s-maj=20.4km s-min=7.2km az=64.0.								
IDC	I 19 05 25 05.9-1.3 3.63N 126.88E	0	3.9,3.8b						
IDC	Error ellipse: s-maj=131.0km s-min=21.3km az=68.0.								
ISC	I 01 07 02 15.0-1.6 4.92N-09 127.6E-20	77-21	3.9b	20	2-57				
ISCJB	I 01 07 02 13.8-1.7 4.97N-09 127.6E-20	85-20	3.9b						
MAN	I 01 07 02 19.1 5.07N 127.05E	8	6.9s,4.7L						
IDC	I 01 07 03 06.0-6.1 3.65N 126.51E	690-118	4.1,3.0b						
ISCJB	Error ellipse: s-maj=30.4km s-min=12.9km az=149.5.								
IDC	Error ellipse: s-maj=102.5km s-min=13.7km az=77.0.								
ISC	I 03 17 58 35.7-4.5 4.57N-03 125.62E-04	156-4	4.8b	129	2-170				
MOS	I 03 17 58 31.9-5.1 4.65N 125.53E	136	4.9b						
MAN	I 03 17 58 32.3 4.36N 125.60E	138	5.3L,4.4b						
ISCJB	I 03 17 58 34.6-4.3 4.57N-03 125.63E-04	163-4	4.7b,4.4b						
IDC	I 03 17 58 35.4-1.7 4.57N 125.44E	157-14	4.9,4.5						
NEIC	I 03 17 58 35.7-8.2 4.59N 125.49E	159-8	5.1b,4.5						
HRVD	I 03 17 58 35.7-6.0 4.67N 125.63E	178-7	4.9W,4.5						
BJI	I 03 17 58 40.9 5.41N 125.55E	159	5.2b,4.6b						
ISC	Event type se.								
MOS	Error ellipse: s-maj=17.1km s-min=8.5km az=104.1.								
ISCJB	Event type se. Error ellipse: s-maj=7.2km s-min=5.3km az=165.6.								
IDC	Error ellipse: s-maj=17.1km s-min=8.9km az=79.0.								
NEIC	Event type se. Error ellipse: s-maj=8.6km s-min=5.6km az=76.0.								
HRVD	Error ellipse: s-maj=4.4km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s5,c5; Mantle waves: s47,c63; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=1.56±1.6 M _{rr} =0.11±1.7; M _{θθ} =1.66±1.9; M _{φφ} =1.26±1.2; M _{φθ} =1.21±1.4; M _{φφ} =0.29±1.5; Best double couple: NP1:φ=183.0000°,δ50.0000°,λ-41.0000°. NP2:φ=302.0000°,δ59.0000°,λ-132.0000°. Principal axes: T 2.3040,Plg5.0000°,AzM61.0000°,N 0.1680,Plg35.0000°,AzM327.0000°,P -2.4780,Plg54.0000°,AzM158.0000°,M2.39100×10 ¹⁶								
ISC	I 25 14 01 15.9-6.8 4.9N-20 127.6E-40	100	4.1b	12	26-98				
IDC	I 25 14 01 03.5-9.7 4.94N 127.69E	0	4.3,4.2b						
ISCJB	I 25 14 01 14.2-6.7 4.8N-20 127.3E-40	100	4.1b,4.2b						
NEIC	I 25 14 01 15.7-5.4 4.82N 127.52E	100	4.7b,4.2b						
ISC	Event type se.								
IDC	Error ellipse: s-maj=97.8km s-min=19.3km az=69.0.								
ISCJB	Event type se. Error ellipse: s-maj=64.8km s-min=12.9km az=137.4.								
NEIC	Event type se. Error ellipse: s-maj=54.4km s-min=10.7km az=69.0.								
IDC	I 11 13 36 26.9-9.6 3.37N 127.39E	0	4.1,3.9b						
IDC	Error ellipse: s-maj=73.5km s-min=19.8km az=71.0.								
ISC	I 16 07 56 04.6-1.1 4.2N-20 127.1E-50	35	3.9b,3.6s	7	22-93				
IDC	I 16 07 55 59.9-1.2 3.27N 125.90E	0	4.1,3.9						
ISCJB	I 16 07 56 02.3-1.1 4.3N-20 127.1E-60	33	3.9b,3.6s						
IDC	V 19 06 08 13.5-1.7 4.01N 127.22E	0	3.9,3.7b						
IDC	Error ellipse: s-maj=101.7km s-min=23.2km az=69.0.								
IDC	VI 19 19 23 37.0-2.4 3.62N 127.32E	330-286	3.9,3.3						
IDC	Error ellipse: s-maj=112.1km s-min=34.7km az=70.0.								
IDC	III 02 06 56 44.6-1.7 4.89N 126.20E	0	4.1,4.0b						
IDC	Error ellipse: s-maj=182.7km s-min=20.5km az=65.0.								
IDC	III 04 07 31 27.6-2.8 4.15N 126.05E	0	3.4,3.3b						
IDC	Error ellipse: s-maj=276.6km s-min=26.1km az=65.0.								
MAN	VI 24 00 04 44.9 4.25N 125.75E	93	5.4L,4.8s						
ISC	VI 02 05 58 25.1-1.1 4.0N-20 127.2E-50	35	3.9b	12	22-68				
IDC	VI 02 05 58 20.1-1.8 3.91N 127.03E	0	4.0,3.9						
ISCJB	VI 02 05 58 22.6-1.2 4.0N-20 127.2E-60	33	3.9b,3.9						
NEIC	VI 02 05 58 24.8-9.1 3.96N 127.21E	35	4.1b,3.9						
ISC	Event type se.								
IDC	Error ellipse: s-maj=103.6km s-min=24.4km az=68.0.								
ISCJB	Event type se. Error ellipse: s-maj=88.4km s-min=13.0km az=136.9.								
NEIC	Event type se. Error ellipse: s-maj=69.1km s-min=11.2km az=69.0.								
ISC	IV 01 21 44 32.8-1.8 3.76N-03 126.50E-04	72	5.1b	336	3-167				
IDC	IV 01 21 44 23.4-3.5 3.68N 126.31E	0	5.0s,5.0						
MOS	IV 01 21 44 26.7-1.1 3.78N 126.39E	33	5.4b,5.1s						
BJI	IV 01 21 44 28.0 3.76N 126.57E	52	5.3b,5.2s						
HRVD	IV 01 21 44 29.9-1.0 3.90N 126.69E	20	5.6W,5.2s						
NEIC	IV 01 21 44 29.9-1.3 3.78N 126.41E	46-12	5.3s,5.3b						
ISCJB	IV 01 21 44 30.9-1.8 3.73N-03 126.42E-04	70	5.1b,5.3b						
ISC	Event type se.								
HRVD	nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s80,c143; Mantle waves: s89,c177; Half duration: 18 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.84±0.3 M _{rr} =0.24±0.2; M _{θθ} =1.07±0.3; M _{φφ} =0.52±0.5; M _{φθ} =0.05±0.2; M _{φφ} =3.2±0.5; Best double couple: NP1:φ=171.0000°,δ8.0000°,λ73.0000°. NP2:φ=9.0000°,δ82.0000°,λ92.0000°. Principal axes: T 3.3840,Plg53.0000°,AzM282.0000°,N 0.2200,Plg2.0000°,AzM188.0000°,P -3.6030,Plg37.0000°,AzM97.0000°,M3.49400×10 ¹⁷								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV 01 21 50 12.2-2.5 3.79N-03 126.63E-05	102	4.7b	169	3-159				
IDC	IV 01 21 49 59.3-4.2 3.88N 126.69E	0	4.6s,4.6						
MOS	IV 01 21 50 03.6-1.1 3.86N 126.42E	33	5.2b,4.6						
ISCJB	IV 01 21 50 10.3-2.6 3.78N-03 126.59E-05	100	4.7b,4.6						
BJI	IV 01 21 50 11.3 3.80N 126.60E	96	5.2b,4.9b						
NEIC	IV 01 21 50 11.4-1.4 3.79N 126.61E	97-12	4.9b,4.9b						
ISC	Event type se.								
IDC	Error ellipse: s-maj=20.0km s-min=11.0km az=79.0.								
MOS	Error ellipse: s-maj=16.4km s-min=7.2km az=108.1.								
ISCJB	Event type se. Error ellipse: s-maj=8.0km s-min=4.5km az=142.8.								
NEIC	Event type se. Error ellipse: s-maj=11.2km s-min=7.1km az=75.0.								
ISC	IV 01 01 01 47.1-97 4.87N-06 127.6E-10	102-8	4.5b	53	3-123				

ISCJB	IV 01 01 01 45.8-99 4.86N-06 127.6E-10	107-8	4.5b						
NEIC	IV 01 01 01 46.6-29 4.89N 127.64E	100	4.8b						
MOS	IV 01 01 01 46.2-66 4.88N 127.58E	112	4.9b						
MAN	IV 01 01 01 49.1 5.00N 127.46E	87	10.0s,4.4L						
IDC	IV 01 01 01 49.7-7.9 4.79N 127.61E	130-74	4.5,4.2						
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=18.6km s-min=7.1km az=129.5.								
NEIC	Event type se. Error ellipse: s-maj=11.3km s-min=4.5km az=65.0.								
MOS	Error ellipse: s-maj=30.8km s-min=12.0km az=110.1.								
IDC	Error ellipse: s-maj=32.9km s-min=14.3km az=68.0.								
(264) North of Halmahera.									
ISC	III 17 12 26 17.5-29 3.56N-05 128.8E-10	43	4.6b,3.7s	66	17-159				
IDC	III 17 12 26 11.1-51 3.58N 128.68E	0	4.6,4.5						
BJI	III 17 12 26 14.9 3.72N 129.24E	43	4.9b,4.9b		</				

IDC	Error ellipse: s-maj=37.9km s-min=17.0km az=73.0.									
ISCJB	Event type se. Error ellipse: s-maj=27.3km s-min=11.5km az=138.0.									
IDC	II	24 00 17 09.1-2	4.20N	128.03E	0	3.9,3.7b				
IDC	Error ellipse: s-maj=70.6km s-min=25.3km az=71.0.									
ISC	II	24 00 34 00.1-33	4.35N-05	128.24E-09	26	4.7b,3.8s	80	5-160		
BJI	II	24 00 33 53.1	3.55N	128.64E	35	5.0b,4.8b				
ISCJB	II	24 00 33 58.0-32	4.44N-05	128.17E-08	24	4.7b,3.8s				
MOS	II	24 00 33 59.5-1.1	4.31N	128.17E	33	4.9b,3.8s				
IDC	II	24 00 34 00.9-2.9	4.32N	128.07E	31-19	4.3,4.2				
NEIC	II	24 00 34 01.3-30	4.29N	128.18E	35	5.0b,4.2				
HRVD	II	24 00 34 01.3-90	4.19N	128.34E	26-2	4.8W,4.2				
ISC	Event type se.									
ISCJB	Error ellipse: s-maj=12.7km s-min=5.1km az=121.5.									
MOS	Error ellipse: s-maj=21.1km s-min=8.4km az=113.8.									
IDC	Error ellipse: s-maj=37.4km s-min=12.0km az=72.0.									
NEIC	Event type se. Error ellipse: s-maj=12.3km s-min=6.1km az=71.0.									
HRVD	Error ellipse: s-maj=5.6km s-min=6.7km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s17,c17; Mantle waves: s38,c45; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr1.48±.25 Mw0.20±.14; Mw0.168±.16; Mw0.027±.11; Mw0.91±.26; Best double couple: NP1:0.191,0.0000°,δ32.00000°,λ122.00000°. NP2:0.334,0.00000°,δ63.00000°,λ72.00000°. Principal axes: T 1.9480,Plg67.0000°,Azim211.00000°; N 0.0680,Plg16.0000°,Azim343.0000°; P -2.0170,Plg17.0000°,Azim78.0000°; M0.1982000x1016									
IDC	II	25 06 35 19.0-2.0	3.38N	128.20E	0	3.7,3.6b				
IDC	Error ellipse: s-maj=163.6km s-min=25.4km az=66.0.									
IDC	IV	02 00 16 00.2-3.1	4.57N	128.03E	0	3.7,3.5b				
IDC	Error ellipse: s-maj=170.9km s-min=25.2km az=67.0.									
IDC	II	27 18 27 55.4-2.1	3.29N	128.09E	0	3.9,3.7b				
IDC	Error ellipse: s-maj=151.1km s-min=26.4km az=67.0.									
ISC	V	11 00 22 58.2-3.5	4.26N-09	128.3E-10	131-31	4.2b	44	12-160		
IDC	V	11 00 22 47.4-4.3	4.22N	128.02E	30-29	4.1,4.0				
ISCJB	V	11 00 22 50.9-5.1	4.39N-10	128.3E-20	79-47	4.3b,4.0				
BJI	V	11 00 22 56.1	4.28N	127.90E	110	4.8b,4.8b				
NEIC	V	11 00 22 58.1-3.2	4.21N	128.26E	134-29	4.4b,4.8b				
ISC	Event type se.									
IDC	Error ellipse: s-maj=45.1km s-min=15.0km az=72.0.									
ISCJB	Event type se. Error ellipse: s-maj=28.4km s-min=11.6km az=124.3.									
NEIC	Event type se. Error ellipse: s-maj=22.3km s-min=10.1km az=66.0.									
IDC	I	26 14 44 27.1-2.2	3.51N	129.24E	0	3.7,3.5b				
IDC	Error ellipse: s-maj=159.0km s-min=27.0km az=67.0.									
ISC	VI	01 11 12 54.0-1.4	4.32N-07	128.2E-10	54-13	4.5b,3.6s	44	5-103		
BJI	VI	01 11 12 49.2	3.97N	127.88E	40	4.6b,4.5b				
NEIC	VI	01 11 12 50.9-3.1	4.39N	128.21E	30	5.0b,4.5b				
IDC	VI	01 11 12 50.7-4.2	4.37N	128.20E	28-28	4.0,3.9				
MOS	VI	01 11 12 51.6-1.0	4.27N	127.95E	50	4.9b,3.9				
ISCJB	VI	01 11 12 52.3-1.5	4.32N-07	128.14E-10	56-14	4.5b,3.6s				
MAN	VI	01 11 13 53.2	7.96N	124.63E	9	0.0s,3.6s				
ISC	Event type se.									
NEIC	Event type se. Error ellipse: s-maj=11.6km s-min=5.2km az=68.0.									
IDC	Error ellipse: s-maj=48.4km s-min=14.1km az=78.0.									
MOS	Error ellipse: s-maj=26.3km s-min=10.1km az=113.6.									
ISCJB	Event type se. Error ellipse: s-maj=18.0km s-min=7.7km az=123.1.									
(265) Minahassa Peninsula, Sulawesi.										
IDC	IV	01 01 20 22.5-8.2	0.12S	123.02E	172-84	3.7,3.3				
IDC	Error ellipse: s-maj=99.4km s-min=24.1km az=72.0.									
IDC	IV	26 07 41 53.3-9.1	0.55N	123.10E	155-82	3.8,3.5				
IDC	Error ellipse: s-maj=133.9km s-min=22.6km az=60.0.									
ISC	IV	17 07 19 07.7-5.3	0.2N-20	123.9E-40	154-53	3.6b	10	15-89		
ISCJB	IV	17 07 19 04.3-5.5	0.1N-20	123.6E-40	139-55	3.6b				
IDC	IV	17 07 19 09.1-10	0.15N	123.73E	170-104	3.8,3.5				
ISCJB	Error ellipse: s-maj=65.0km s-min=23.4km az=135.7.									
IDC	Error ellipse: s-maj=77.7km s-min=20.7km az=62.0.									
IDC	IV	02 03 05 51.1-1.3	0.59N	122.72E	0	3.6L,3.5				
IDC	Error ellipse: s-maj=121.9km s-min=21.6km az=68.0.									
IDC	IV	18 10 25 53.4-1.6	0.68N	124.89E	0	4.0,3.8b				
IDC	Error ellipse: s-maj=113.8km s-min=22.3km az=66.0.									
IDC	IV	19 13 20 29.8-3.3	0.12S	123.13E	84-29	3.8,3.6				
IDC	Error ellipse: s-maj=49.6km s-min=15.6km az=74.0.									
ISC	IV	26 05 36 20.7-89	0.9N-30	120.1E-60	35	4.1b	11	20-56		
IDC	IV	26 05 36 15.9-1.1	1.33N	120.93E	0	4.2,4.1b				
ISCJB	IV	26 05 36 18.3-89	1.0N-30	120.1E-60	33	4.1b,4.1b				
NEIC	IV	26 05 36 20.8-70	1.09N	120.47E	35	4.4b,4.1b				
ISC	Event type se.									
IDC	Error ellipse: s-maj=124.2km s-min=18.0km az=66.0.									
ISCJB	Event type se. Error ellipse: s-maj=91.1km s-min=12.6km az=134.3.									
NEIC	Event type se. Error ellipse: s-maj=76.4km s-min=10.6km az=68.0.									
ISC	IV	27 10 25 52.2-93	0.03S-06	122.62E-07	271-10	4.3b	66	9-123		
BJI	IV	27 10 25 44.4	0.78S	123.07E	273	4.4b,4.2b				
MOS	IV	27 10 25 47.5-84	0.08N	122.47E	242	4.6b,4.2b				
IDC	IV	27 10 25 50.7-1.8	0.02N	122.55E	259-17	4.5,4.0				
ISCJB	IV	27 10 25 51.3-94	0.01S-06	122.63E-07	279-10	4.3b,4.0				
NEIC	IV	27 10 25 52.0-1.2	0.02N	122.60E	273-13	4.6b,4.0				
ISC	Event type se.									
MOS	Error ellipse: s-maj=32.9km s-min=10.1km az=110.8.									
IDC	Error ellipse: s-maj=26.2km s-min=8.4km az=70.0.									
ISCJB	Event type se. Error ellipse: s-maj=12.7km s-min=6.6km az=110.0.									
NEIC	Event type se. Error ellipse: s-maj=16.1km s-min=5.6km az=59.0.									
IDC	IV	06 12 49 14.5-15	0.80N	121.52E	162-164	4.3L,3.9				
IDC	Error ellipse: s-maj=117.1km s-min=22.5km az=61.0.									
ISC	IV	30 06 11 48.8-2.8	0.5N-20	122.3E-40	76-28	4.1b	13	8-120		
ISCJB	IV	30 06 11 48.0-3.2	0.5N-20	122.1E-30	85-33	4.1b				
NEIC	IV	30 06 11 48.3-2.6	0.57N	122.39E	73-27	4.6b				
IDC	IV	30 06 11 51.5-3.8	0.70N	122.73E	107-31	4.0,3.8				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=63.9km s-min=16.6km az=123.1.									
NEIC	Event type se. Error ellipse: s-maj=51.5km s-min=14.0km az=63.0.									
IDC	Error ellipse: s-maj=111.3km s-min=19.3km az=63.0.									
IDC	IV	08 14 37 36.3-1.4	0.30N	121.76E	0	3.5,3.4				
IDC	Error ellipse: s-maj=152.2km s-min=21.5km az=65.0.									
ISC	III	16 15 00 10.3-1.3	0.85S-07	122.96E-09	39-14	4.4b	40	8-91		
IDC	III	16 15 00 04.1-83	0.88S	122.82E	0	4.2,4.1				
MOS	III	16 15 00 06.5-1.2	0.77S	122.90E	33	4.7b,4.1				
ISCJB	III	16 15 00 07.7-1.7	0.79S-07	123.00E-09	36-18	4.4b,4.1				
NEIC	III	16 15 00 10.6-1.1	0.82S	122.92E	51-12	4.5b,4.1				
ISC	Event type se.									
IDC	Error ellipse: s-maj=36.1km s-min=16.3km az=57.0.									
MOS	Error ellipse: s-maj=30.7km s-min=12.6km az=126.9.									
ISCJB	Event type se. Error ellipse: s-maj=17.6km s-min=7.5km az=113.2.									
NEIC	Event type se. Error ellipse: s-maj=13.2km s-min=6.1km az=58.0.									
IDC	VI	29 07 16 43.7-1.6	0.29N	121.68E	0	3.5,3.4				
IDC	Error ellipse: s-maj=202.9km s-min=26.4km az=60.0.									
IDC	VI	25 06 58 48.5-2.1	0.12N	124.28E	0	3.6,3.4b				
IDC	Error ellipse: s-maj=288.1km s-min=26.9km az=63.0.									
ISC	III	08 05 01 09.3-2.0	1.18N-07	124.3E-10	316-22	4.3b	40	16-93		
IDC	III	08 05 01 03.7-2.1	1.29N	124.32E	261-21	4.5,4.0				
ISCJB	III	08 05 01 05.8-2.2	1.18N-07	124.3E-10	295-23	4.3b,4.0				
NEIC	III	08 05 01 10.8-3.0	1.12N	124.28E	335-34	4.1b,4.0				
BJI	III	08 05 01 10.7	1.10N	124.30E	334	4.2b,4.1b				
ISC	Event type se.									
IDC	Error ellipse: s-maj=22.6km s-min=10.3km az=62.0.									
ISCJB	Event type se. Error ellipse: s-maj=18.1km s-min=7.5km az=127.3.									
NEIC	Event type se. Error ellipse: s-maj=16.2km s-min=9.5km az=74.0.									
ISC	IV	07 17 57 56.4-1.4	0.7N-20	124.7E-50	35	3.8b	7	19-59		
IDC	IV	07 17 57 50.9-1.7	0.64N	124.53E	0	4.1,3.9				
ISCJB	IV	07 17 57 53.9-1.3	0.7N-30	124.6E-50	33	3.8b,3.9				
IDC	III	22 21 44 50.0-1.4	1.25N	124.86E	0	3.6,3.5				
IDC	Error ellipse: s-maj=210.9km s-min=22.2km az=67.0.									
IDC	III	01 08 57 49.1-8.8	0.33N	122.26E	191-88	3.7,3.3				
IDC	Error ellipse: s-maj=120.4km s-min=16.8km az=65.0.									
IDC	III	03 08 10 47.6-1.2	0.47S	123.79E	0	3.9,3.7				
IDC	Error ellipse: s-maj=142.7km s-min=20.6km az=66.0.									
IDC	III	08 02 44 47.5-1.4	0.69S	123.35E	0	3.6,3.5				
IDC	Error ellipse: s-maj=147.6km s-min=23.6km az=65.0.									
NEIC	III	12 01 56 00.7-90	0.26N	122.10E	150	3.6b				
IDC	III	12 01 56 05.4-9.0	0.20N	122.06E	199-90	3.5,3.1				
NEIC	Event type se. Error ellipse: s-maj=146.0km s-min=14.1km az=64.0.									
IDC	Error ellipse: s-maj=150.0km s-min=18.3km az=66.0.									
IDC	III	31 01 08 33.4-1.3	0.49S	123.57E	0	3.6,3.5				
IDC	Error ellipse: s-maj=163.4km s-min=22.1km az=65.0.									
ISC	VI	12 07 58 32.5-7.1	1.5N-20	122.0E-50	35	4.0b	10	20-72		
IDC	VI	12 07 58 27.4-93	1.66N	122.17E	0	4.1L,4.1				
ISCJB	VI	12 07 58 30.2-71	1.6N-20	122.1E-50	33	4.0b,4.1				
ISC	VI	16 03 18 10.9-32	1.24N-05	122.00E-08	34	4.6b,4.6b	52	5-163		
IDC	VI	16 03 18 05.5-67	1.35N	122.12E	0	4.8L,4.5				
ISCJB	VI	16 03 18 08.5-32	1.23N-05	121.93E-08	32	4.6b,4.6b				
MOS	VI	16 03 18 08.8-99	1.34N	122.14E	33	5.0b,4.6b				
BJI	VI	16 03 18 09.0	0.84N	122.10E	56	5.5b,4.9s				
NEIC	VI	16 03 18								

Me1.24600x1017
NEIC Event type fe. Error ellipse: s-maj=6.2km s-min=3.9km az=65.0. Felt [III] at Gorontalo.
Moment Tensor Solution. s19 Moment tensor: Scale 1017Nm; Mr=1.32 Mw=0.53 Mw0.79
Mr=0.54 Mw0.40 Mr=0.33 Best double couple: NP1:φ=45.0000°; δ59.0000°; λ-82.0000°;
NP2:φ=216.0000°; δ29.0000°; λ-103.0000°. Principal axes: T 1.29200,Plg16.0000°;
Az=129.0000°; N 0.2700,Plg7.0000°; Azm221.0000°; P -1.4900,Plg75.0000°; Azm337.0000°;
M1.40000x1017

ISC	VI	24	22	06	45.8-33	0.455-	04	123.52E-	07	35	4.7b,4.0s	51	6-153
BJI	VI	24	22	06	36.6	1.24S		124.09E		30	5.1b,4.9b		¶18750679
MOS	VI	24	22	06	42.7-1.2	0.43S		123.44E		33	5.2b,4.9b		
ISCJB	VI	24	22	06	43.7-33	0.41S-	05	123.46E-	07	33	4.7b,4.0s		
NEIC	VI	24	22	06	44.5-44	0.39S		123.57E		30	5.1b,4.0s		
IDC	VI	24	22	06	45.6-2.9	0.47S		123.43E		44-26	4.3,4.2		
ISC	Event type se.												
MOS	Error ellipse: s-maj=26.4km s-min=12.1km az=115.5.												
ISCJB	Event type se. Error ellipse: s-maj=11.4km s-min=5.6km az=136.9.												
NEIC	Event type se. Error ellipse: s-maj=19.6km s-min=8.0km az=59.0.												
IDC	Error ellipse: s-maj=31.3km s-min=13.1km az=70.0.												
ISC	VI	25	22	39	10.1-23	0.48S-	03	123.32E-	04	32	4.8b,3.8s	127	4-163
BJI	VI	25	22	38	59.7	1.51S		123.65E		30	5.0b,4.8b		¶18505449
IDC	VI	25	22	39	03.9-52	0.41S		123.12E		0	4.5,4.4		
ISCJB	VI	25	22	39	07.7-23	0.47S-	03	123.35E-	05	30	4.8b,3.8s		
MOS	VI	25	22	39	07.7-1.2	0.42S		123.20E		33	5.0b,3.8s		
NEIC	VI	25	22	39	08.7-29	0.48S		123.14E		31	4.6b,3.8s		
ISC	Event type fe.												
IDC	Error ellipse: s-maj=26.0km s-min=13.1km az=74.0.												
ISCJB	Event type fe. Error ellipse: s-maj=7.1km s-min=4.1km az=126.9.												
MOS	Error ellipse: s-maj=16.5km s-min=8.0km az=104.8.												
NEIC	Event type fe. Error ellipse: s-maj=13.9km s-min=6.6km az=73.0. Felt [IV] at Luwuk.												
ISC	VI	26	12	34	51.4-94	0.3S-	10	123.6E-	50	35	3.7b	10	8-59
IDC	VI	26	12	34	45.7-1.1	0.58S		123.65E		0	3.9,3.7b		¶19600468
ISCJB	VI	26	12	34	49.0-95	0.3S-	10	123.6E-	50	33	3.7b,3.7b		
ISC	VI	30	02	49	02.1-23	0.44S-	04	123.41E-	05	46	4.8b,4.2s	133	7-169
MOS	VI	30	02	48	59.0-1.3	0.28S		123.16E		33	5.0b,4.2s		¶18505644
IDC	VI	30	02	48	59.4-2.5	0.41S		123.15E		30-16	4.5,4.4b		
ISCJB	VI	30	02	48	60.0-23	0.45S-	04	123.33E-	05	44	4.8b,4.2s		
BJI	VI	30	02	49	02.2	0.40S		123.30E		49	5.0b,4.9b		
HRVD	VI	30	02	49	02.2-20	0.40S		123.28E		36-0	5.1W,4.9b		
NEIC	VI	30	02	49	02.2-1.0	0.40S		123.31E		51-9	4.8b,4.9b		
ISC	Event type se.												
MOS	Error ellipse: s-maj=14.2km s-min=7.6km az=107.0.												
IDC	Error ellipse: s-maj=22.0km s-min=10.8km az=61.0.												
ISCJB	Event type se. Error ellipse: s-maj=8.1km s-min=4.4km az=137.4.												
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s36,c45; Mantle waves: s76,c122; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=3.73s; 19 Mw=0.27±.11; Mw=3.46±.14; Mw=2.43±.11; Mw=1.82±.09; Mw=1.09±.14; Best double couple: NP1:φ=178.0000°; δ52.0000°; λ51.0000°; NP2:φ=51.0000°; δ52.0000°; λ129.0000°. Principal axes: T 5.2430,Plg60.0000°; Azm24.0000°; N -0.9570,Plg30.0000°; Azm204.0000°; P -4.2850,Plg0.0000°; Azm114.0000°; M4.76400x1016												
NEIC	Event type se. Error ellipse: s-maj=10.0km s-min=5.1km az=63.0.												
ISC	III	05	17	40	39.6-1.2	0.13S-	05	123.29E-	07	186-12	4.4b	96	4-121
IDC	III	05	17	40	35.4-2.2	0.03S		123.20E		148-20	4.3,4.0		¶11059792
ISCJB	III	05	17	40	37.9-1.3	0.12S-	05	123.28E-	07	185-13	4.4b,4.0		
BJI	III	05	17	40	38.6	0.12S		123.26E		184	4.9b,4.7b		
NEIC	III	05	17	40	39.1-1.3	0.09S		123.27E		184-13	4.6b,4.7b		
MOS	III	05	17	40	39.6-1.1	0.04S		123.22E		204	4.2b,4.7b		
ISC	Event type se.												
IDC	Error ellipse: s-maj=20.8km s-min=10.7km az=73.0.												
ISCJB	Event type se. Error ellipse: s-maj=12.7km s-min=6.4km az=128.0.												
NEIC	Event type se. Error ellipse: s-maj=11.9km s-min=5.2km az=60.0.												
MOS	Error ellipse: s-maj=17.4km s-min=8.2km az=109.9.												
ISC	III	07	20	57	34.6-4.3	0.4N-	20	124.2E-	40	173-47	3.9b	11	10-63
IDC	III	07	20	57	29.8-9.1	0.39N		124.06E		125-87	3.8,3.5		¶110599282
ISCJB	III	07	20	57	34.9-3.9	0.4N-	20	124.1E-	40	196-43	3.8b,3.5		
NEIC	III	07	20	57	34.4-3.6	0.37N		124.13E		173-39	4.3b,3.5		
ISC	Event type se.												
IDC	Error ellipse: s-maj=126.3km s-min=18.6km az=66.0.												
ISCJB	Event type se. Error ellipse: s-maj=80.2km s-min=12.6km az=124.5.												
NEIC	Event type se. Error ellipse: s-maj=61.7km s-min=10.0km az=64.0.												
ISC	VI	16	02	56	17.9-15	1.21N-	02	121.88E-	03	32	5.7b,5.3s	464	5-171
SZGRF	VI	16	02	56	10.7	0.25S		122.55E		31	5.4b,5.3s		¶18474889
IDC	VI	16	02	56	15.4-1.9	1.19N		121.86E		16-11	5.8L,5.5		
ISCJB	VI	16	02	56	15.8-15	1.25N-	02	121.86E-	03	30	5.6b,5.3s		
BJI	VI	16	02	56	15.8	0.88N		122.05E		50	5.9b,5.6b		
MOS	VI	16	02	56	16.8-1.0	1.32N		121.82E		33	5.8b,5.3s		
NEIC	VI	16	02	56	17.0-13	1.28N		121.80E		26	5.6W,5.5b		
HRVD	VI	16	02	56	17.0-10	1.26N		121.81E		30-0	5.5W,5.5b		
ISC	Event type fe.												
SZGRF	Minahassa Peninsula, Sulawesi, Indonesia.												
IDC	Error ellipse: s-maj=13.9km s-min=8.2km az=65.0.												
ISCJB	Event type fe. Error ellipse: s-maj=9.9km s-min=3.0km az=177.7.												
MOS	Error ellipse: s-maj=9.1km s-min=4.2km az=115.1.												
NEIC	Event type fe. Error ellipse: s-maj=5.8km s-min=3.9km az=65.0. Felt [III] at Gorontalo. Moment Tensor Solution. s21 Moment tensor: Scale 1017Nm; Mr=2.45 Mw=1.13 Mw0.132 Mr=1.33 Mw0.123 Mw=0.88 Best double couple: NP1:φ=50.0000°; δ62.0000°; λ-83.0000°; NP2:φ=216.0000°; δ29.0000°; λ-103.0000°. Principal axes: T 2.9200,Plg16.0000°; Az=135.0000°; N 0.0300,Plg6.0000°; Azm227.0000°; P -2.9400,Plg73.0000°; Azm337.0000°; M2.90000x1017												
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s88,c152; Mantle waves: s105,c226; Half duration: 184 Moment tensor: Scale 1017Nm; Mr=1.90±.04 Mw=1.80±.03; Mw=1.0±.02; Mw=0.64±.05; Best double couple: NP1:φ=264.0000°; δ27.0000°; λ-76.0000°; NP2:φ=49.0000°; δ63.0000°; λ-97.0000°. Principal axes: T 2.3590,Plg18.0000°; Azm164.0000°; N 0.0300,Plg6.0000°; Azm72.0000°; P -2.3910,Plg71.0000°; Azm323.0000°; M2.37500x1017												
ISC	III	11	21	43	00.1-29	0.76N-	05	123.88E-	07	289	4.1b	83	9-124
BJI	III	11	21	42	52.9	0.02S		123.91E		285	4.6b,4.2b		¶110602123
ISCJB	III	11	21	42	58.5-28	0.77N-	05	123.83E-	07	287	4.1b,4.2b		
MOS	III	11	21	42	58.4-90	0.84N		123.82E		286	4.1b,4.2b		
NEIC	III	11	21	42	59.8-32	0.82N		123.87E		286	4.1b,4.2b		
IDC	III	11	21	43	01.1-2.4	0.80N		123.88E		302-22	4.4,3.9		
ISC	Event type se.												
ISCJB	Event type se. Error ellipse: s-maj=11.0km s-min=5.3km az=123.9.												
MOS	Error ellipse: s-maj=20.9km s-min=9.5km az=114.2.												
NEIC	Event type se. Error ellipse: s-maj=12.6km s-min=6.4km az=62.0.												
IDC	Error ellipse: s-maj=18.7km s-min=7.9km az=66.0.												
ISC	VI	24	21	15	02.7-13	0.41S-	02	123.34E-	02	38	6.0s,5.8b	522	4-169
BJI	VI	24	21	15	00.9	0.40S		123.20E		26	6.3b,6.1s		¶18495940
HRVD	VI	24	21	15	00.9-10	0.48S		123.30E		32-0	6.3W,6.1s		
NEIC	VI	24	21	15	00.9-13	0.39S		123.20E		26	6.3,6.3W		
ISCJB	VI	24	21	15	00.5-13	0.40S-	02	123.33E-	02	36	6.0s,5.8b		
MOS	VI	24	21	15	01.6-87	0.52S		123.35E		33	6.0b,6.0s		
IDC	VI	24	21	15	07.2-89	0.28S		123.33E		78-6	5.8s,5.8		
ISC	Event type fe.												
HRVD	Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s112,c250; Mantle waves: s116,c452; Half duration: 365 Moment tensor: Scale 1018Nm; Mr=1.47±.01 Mw=0.99±.01; Mw=2.46±.02; Mw=2.83±.03; Mw=1.21±.01; Mr=0.84±.03; Best double couple: NP1:φ=163.0000°; δ59.0000°; λ35.0000°; NP2:φ=53.0000°; δ61.0000°; λ143.0000°. Principal axes: T 4.3710,Plg45.0000°; Azm17.0000°; N -1.5320,Plg44.0000°; Azm200.0000°; P -2.8440,Plg1.0000°; Azm108.0000°; M3.60800x1018												
NEIC	Event type fe. Error ellipse: s-maj=6.8km s-min=4.6km az=64.0. Felt [IV] at Gorontalo, [III] at Luwuk and Poso and [II] at Palu. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M4.00000x1018 Moment Tensor Solution. s29 Moment tensor: Scale 1018Nm; Mr=1.31 Mw=1.90 Mw=3.21 Mw=1.34 Mw=1.67 Mw=0.16 Best double couple: NP1:φ=56.0000°; δ69.0000°; λ153.0000°. Principal axes: T 3.2900,Plg34.0000°; Azm15.0000°; N 0.4300,Plg56.0000°; Azm201.0000°												

P -3.7100,Plg3.0000°; Azm107.0000°; M3.50000x1018 Moment Tensor Solution. Broadband fault plane solution: P waves: NP1:φ=150.0000°; δ76.0000°; λ21.0000°; NP2:φ=55.0000°; δ70.0000°; λ165.0000°. Principal axes: T Plg24.0000°; Azm14.0000°; N Plg0.0000°; Azm0.0000°; P Plg4.0000°; Azm282.0000°

ISCJB	III	16	21	37	42.7-85	0.84S-	04	123.05E-	05	49-8	4.7b,4.3s	114	3-153
MOS	III	16	21	37	37.7-2.5	0.69S		122.96E		16-14	4.5,4.4b		¶110605004
IDC	III	16	21	37	38.6	0.80S		123.10E		25	4.9b,4.7b		
BJI	III	16	21	37	39.2-1.1	0.77S		123.17E		33	4.8b,4.7b		
MOS	III	16	21	37	40.0-1.0	0.82S-	04	123.09E-	05	43-9	4.7b,4.3s		
ISCJB	III	16	21	37	44.6-1.2	0.81S		123.09E		75-12	4.7b,4.3s		
NEIC	Event type se.												
ISC	Error ellipse: s-maj=21.9km s-min=12.0km az=61.0.												
IDC	Error ellipse: s-maj=16.7km s-min=8.4km az=116.0.												
MOS	Event type se. Error ellipse: s-maj=9.6km s-min=5.8km az=117.8.												
ISCJB	Event type se. Error ellipse: s-maj=13.8km s-min=6.7km az=59.0.												
NEIC	Event type se. Error ellipse: s-maj=13.8km s-min=6.7km az=59.0.												
ISC	III	02	01	34	19.5-1.4	0.4N-	20	121.3E-	60	35	3.4b	5	13-57
IDC	III	02	01	34	13.2-1.7	1.76N		123.72E		0	3.7,3.5b		¶110595504
ISCJB	III	02	01	34	17.1-1.4	0.4N-	20	121.2E-	60	33	3.4b,3.5b		
IDC	II	01	16	56	31.1-1.6	0.80S		123.44E		0	3.6,3.4b		¶19569407
IDC	Error ellipse: s-maj=233.0km s-min=25.4km az=62.0.												
IDC	II	02	19	26	35.8-1.4	0.35N		122.02E		0	3.6,3.5b		¶19569585
IDC	Error ellipse: s-maj=206.2km s-min=22.9km az=61.0.												
ISC	II	03	02	25	46.8-57	0.0S-	10	123.4E-	30	200	3.7b	13	18-121
ISCJB	II	03	02	25	44.9-58	0.0S-	10	123.2E-	30	200	3.7b		¶19569649
IDC	II	03	02	25	44.4-6.8	0.08N		123.49E		176-65	3.8,3.5		
NEIC	II	03	02	25	55.9-54	0.04N		123.69E		300	3.9b,3.5		
ISC	Event type se.												
ISCJB	Event type se. Error ellipse: s-maj=43.9km s-min=9.5km az=138.1.												
IDC	Error ellipse: s-maj=55.3km s-min=14.5km az=73.0.												
NEIC	Event type se. Error ellipse: s-maj=43.3km s-min=9.7km az=68.0.												
IDC	II	03	09	34	33.6-1.4	0.02N		120.63E		0	3.8,3.7b		¶19569669
IDC													

IDC	II	11 14 26 48.9-1.0	0.34N	124.57E	0	3.7,3.6b			
IDC	II	12 05 52 30.1-83	0.51N-10	124.65E-30	35	4.2b	9	18-63	
ISC	II	12 05 52 24.9-1.2	0.57N	124.80E	0	4.3,4.1b			
IDC	II	12 05 52 27.7-83	0.5N-10	124.5E-30	33	4.2b,4.1b			
ISC	II	12 05 52 30.9-65	0.39N	124.52E	45	4.4b,4.1b			
ISC	Event type se.								
IDC	Event type se.	Error ellipse: s-maj=136.0km s-min=19.8km az=67.0.							
ISC	Event type se.	Error ellipse: s-maj=47.6km s-min=12.3km az=142.3.							
ISC	Event type se.	Error ellipse: s-maj=39.7km s-min=10.3km az=70.0.							
ISC	II	12 20 10 20.0-2.4	0.3N-10	122.4E-20	144-23	4.0b	22	8-120	
ISC	II	12 20 10 19.5-2.4	0.3N-20	122.4E-20	158-24	4.0b			
ISC	II	12 20 10 20.0-1.7	0.29N	122.33E	148-16	4.0b			
IDC	II	12 20 10 23.8-6.5	0.26N	122.32E	187-62	4.0,3.7			
ISC	Event type se.								
ISC	Event type se.	Error ellipse: s-maj=45.1km s-min=8.8km az=116.4.							
ISC	Event type se.	Error ellipse: s-maj=28.0km s-min=6.2km az=59.0.							
IDC	Event type se.	Error ellipse: s-maj=136.5km s-min=15.7km az=64.0.							
ISC	II	12 20 42 56.7-1.4	0.87S-09	123.3E-10	77-15	4.3b	31	6-97	
IDC	II	12 20 42 46.7-89	0.90S	122.92E	0	4.1,4.0			
ISC	II	12 20 42 54.6-2.0	0.87S-09	123.2E-10	75-21	4.3b,4.0			
ISC	II	12 20 42 57.2-1.5	0.90S	123.13E	86-15	4.6b,4.0			
BJI	II	12 20 42 59.1	0.90S	123.10E	86	4.9b,4.5b			
ISC	Event type se.								
IDC	Event type se.	Error ellipse: s-maj=46.4km s-min=15.9km az=62.0.							
ISC	Event type se.	Error ellipse: s-maj=22.2km s-min=8.3km az=106.5.							
ISC	Event type se.	Error ellipse: s-maj=17.3km s-min=6.2km az=57.0.							
ISC	II	13 21 53 16.1-97	0.3N-20	123.7E-50	35	3.5b	7	18-59	
ISC	II	13 21 53 13.9-98	0.3N-20	123.4E-50	33	3.5b			
IDC	II	13 21 53 26.0-14	0.13N	123.61E	141-147	3.5,3.2			
ISC	Event type se.	Error ellipse: s-maj=78.9km s-min=14.9km az=139.4.							
IDC	Event type se.	Error ellipse: s-maj=132.5km s-min=26.0km az=67.0.							
IDC	II	14 22 51 14.0-1.2	0.46N	122.76E	0	3.8,3.6b			
IDC	Event type se.	Error ellipse: s-maj=148.8km s-min=20.3km az=65.0.							
ISC	II	14 23 08 06.1-76	0.3S-30	121.5E-70	200	3.8b	9	23-80	
ISC	II	14 23 07 49.0-77	0.57S	120.83E	35	4.4b			
ISC	II	14 23 08 04.3-76	0.3S-30	121.6E-60	200	3.8b			
IDC	II	14 23 08 13.2-2.4	0.14S	122.06E	275-21	4.2,3.9			
ISC	Event type se.								
ISC	Event type se.	Error ellipse: s-maj=96.9km s-min=13.3km az=62.0.							
ISC	Event type se.	Error ellipse: s-maj=101.3km s-min=13.2km az=126.8.							
IDC	Event type se.	Error ellipse: s-maj=110.1km s-min=13.5km az=66.0.							
IDC	II	22 13 12 32.8-15	0.09N	122.96E	0	4.1,3.9b			
IDC	Event type se.	Error ellipse: s-maj=412.0km s-min=229.5km az=49.0.							
IDC	II	24 09 41 30.4-1.8	1.70N	124.62E	0	3.4,3.3			
IDC	Event type se.	Error ellipse: s-maj=194.9km s-min=24.9km az=64.0.							
IDC	IV	07 09 04 58.6-1.8	0.31S	121.95E	0	3.6,3.4b			
IDC	Event type se.	Error ellipse: s-maj=198.9km s-min=28.5km az=60.0.							
IDC	IV	24 07 52 37.0-2.1	0.76N	122.65E	0	3.4,3.3			
IDC	Event type se.	Error ellipse: s-maj=450.2km s-min=27.4km az=61.0.							
IDC	IV	30 00 28 06.6-1.8	0.98N	124.43E	0	3.8,3.6			
IDC	Event type se.	Error ellipse: s-maj=211.6km s-min=24.1km az=63.0.							
ISC	V	21 05 30 52.9-2.4	1.0N-20	121.3E-30	37-23	4.3b	20	7-61	
IDC	V	21 05 30 47.4-1.0	1.27N	121.76E	0	4.3L,4.3			
ISC	V	21 05 30 50.6-2.8	1.0N-20	121.2E-30	35-26	4.3b,4.3			
ISC	V	21 05 30 53.2-1.9	1.04N	121.24E	44-18	4.4b,4.3			
ISC	Event type se.								
IDC	Event type se.	Error ellipse: s-maj=113.2km s-min=18.4km az=66.0.							
ISC	Event type se.	Error ellipse: s-maj=49.0km s-min=9.5km az=117.2.							
ISC	Event type se.	Error ellipse: s-maj=34.4km s-min=6.7km az=59.0.							
ISC	V	14 13 06 26.6-85	0.3N-20	122.1E-60	200	3.1b	7	19-58	
ISC	V	14 13 06 24.6-86	0.2N-30	121.9E-60	200	3.1b			
IDC	V	14 13 06 26.9-6.8	0.23N	122.03E	205-70	3.4,2.9			
ISC	V	14 13 06 26.4-60	0.25N	122.04E	200	3.5b,2.9			
ISC	Event type se.								
ISC	Event type se.	Error ellipse: s-maj=94.6km s-min=13.9km az=139.2.							
IDC	Event type se.	Error ellipse: s-maj=93.1km s-min=17.3km az=66.0.							
ISC	Event type se.	Error ellipse: s-maj=41.1km s-min=10.2km az=68.0.							
IDC	V	25 08 44 12.4-1.7	0.62N	122.48E	0	4.1L,3.9			
IDC	Event type se.	Error ellipse: s-maj=134.4km s-min=25.3km az=64.0.							
IDC	V	08 07 40 46.7-1.6	0.68N	124.56E	0	3.8,3.6L			
IDC	Event type se.	Error ellipse: s-maj=125.5km s-min=22.1km az=66.0.							
IDC	V	22 18 03 58.2-1.3	0.44S	121.65E	0	3.9,3.7b			
IDC	Event type se.	Error ellipse: s-maj=420.5km s-min=22.6km az=60.0.							
IDC	V	28 08 33 08.5-2.1	0.29N	124.89E	0	3.4,3.3			
IDC	Event type se.	Error ellipse: s-maj=229.4km s-min=27.9km az=63.0.							
IDC	V	28 19 59 54.5-1.7	0.03S	122.83E	0	3.5,3.4			
IDC	Event type se.	Error ellipse: s-maj=202.9km s-min=26.6km az=61.0.							
IDC	V	31 21 58 09.2-1.6	0.77N	123.18E	0	3.8L,3.8			
IDC	Event type se.	Error ellipse: s-maj=148.7km s-min=22.6km az=65.0.							
IDC	V	02 14 41 10.0-1.3	0.33S	123.57E	0	4.5L,4.3			
IDC	Event type se.	Error ellipse: s-maj=222.2km s-min=12.2km az=130.0.							
ISC	V	02 04 08 54.7-89	1.4N-10	124.1E-30	35	4.1b	12	19-58	
ISC	V	02 04 08 52.7-91	1.4N-10	123.9E-30	33	4.1b			
ISC	V	02 04 08 54.5-86	1.40N	124.12E	35	4.3b			
IDC	V	02 04 09 23.4-5.4	1.17N	124.22E	338-60	4.1,3.5			
ISC	Event type se.								
ISC	Event type se.	Error ellipse: s-maj=44.0km s-min=14.3km az=141.9.							
ISC	Event type se.	Error ellipse: s-maj=50.5km s-min=14.5km az=70.0.							
IDC	Event type se.	Error ellipse: s-maj=56.5km s-min=15.9km az=67.0.							
IDC	V	11 08 44 43.9-6.3	1.44N	124.58E	292-69	4.1,3.5b			
IDC	Event type se.	Error ellipse: s-maj=73.2km s-min=14.9km az=65.0.							
IDC	I	31 20 32 21.4-1.6	0.10N	121.46E	0	4.1s,4.1			
IDC	Event type se.	Error ellipse: s-maj=151.0km s-min=25.4km az=62.0.							
IDC	I	08 07 14 55.0-1.6	1.52N	122.22E	0	3.7,3.5b			
IDC	Event type se.	Error ellipse: s-maj=170.5km s-min=28.2km az=64.0.							
IDC	I	04 13 36 48.6-1.6	0.49S	120.00E	0	3.8,3.7b			
IDC	Event type se.	Error ellipse: s-maj=164.4km s-min=22.1km az=61.0.							
ISC	I	11 00 26 13.2-8.4	0.3S-10	120.3E-20	0-54	4.2b	13	8-68	
ISC	I	11 00 26 12.2-7.7	0.3S-10	120.2E-20	6-50	4.2b			
IDC	I	11 00 26 13.6-1.7	0.28S	120.38E	0	3.9,3.8			
ISC	I	11 00 26 18.9-5.7	0.33S	120.24E	45	4.2b,3.8			
ISC	Event type se.								
ISC	Event type se.	Error ellipse: s-maj=40.0km s-min=12.0km az=123.3.							
IDC	Event type se.	Error ellipse: s-maj=153.6km s-min=26.0km az=61.0.							
ISC	Event type se.	Error ellipse: s-maj=30.2km s-min=10.1km az=63.0.							
ISC	I	11 14 25 56.8-2.9	0.0N-10	123.9E-20	168-30	4.1b	14	10-121	
IDC	I	11 14 25 53.1-1.0	0.06N	123.80E	130-97	4.2,4.0			
ISC	I	11 14 25 56.7-2.6	0.0N-10	123.8E-20	186-28	4.1b,4.0			
ISC	I	11 14 25 56.1-2.6	0.02N	123.94E	162-27	4.3b,4.0			
ISC	Event type se.								
IDC	Event type se.	Error ellipse: s-maj=59.1km s-min=16.4km az=73.0.							
ISC	Event type se.	Error ellipse: s-maj=39.7km s-min=11.8km az=137.6.							

NEIC	Event type se.	Error ellipse: s-maj=33.7km s-min=9.7km az=72.0.							
ISC	I	26 16 21 43.1-1.9	0.46N-07	122.5E-10	106-19	4.5b	35	8-68	
ISC	I	26 16 21 42.3-2.2	0.45N-07	122.4E-10	117-22	4.5b			
BJI	I	26 16 21 43.1	0.40N	122.40E	109	5.0b,4.7b			
NEIC	I	26 16 21 43.2-1.4	0.44N	122.41E	110-14	4.6b,4.7b			
IDC	I	26 16 21 45.1-3.4	0.46N	122.41E	129-31	4.3,4.1			
ISC	Event type se.								
ISC	Event type se.	Error ellipse: s-maj=21.4km s-min=7.9km az=130.9.							
ISC	Event type se.	Error ellipse: s-maj=13.8km s-min=5.1km az=66.0.							
IDC	Event type se.	Error ellipse: s-maj=36.0km s-min=12.4km az=68.0.							
ISC	I	15 03 42 38.3-9.1	0.24S-06	121.96E-09	294-10	4.1b	40	6-161	
IDC	I	15 03 42 36.5-7.6	0.27S	121.94E	281-7	4.3,3.8			
MOS	I	15 03 42 36.9-1.0	0.23S	121.92E	297	4.4b,3.8			
ISC	I	15 03 42 37.1-9.0	0.24S-06	121.96E-09	298-10	4.1b,3.8			
ISC	I	15 03 42 38.9	0.20S	121.90E	303	4.6b,4.3b			
BJI	I	15 03 42 38.9-1.0	0.24S	121.91E	303-11	4.4b,4.3b			
ISC	Event type se.								
ISC	Event type se.	Error ellipse: s-maj=21.1km s-min=9.4km az=59.0.							
MOS	Event type se.	Error ellipse: s-maj=22.1km s-min=11.4km az=121.5.							
ISC	Event type se.	Error ellipse: s-maj=15.0km s-min=8.1km az=125.6.							
ISC	Event type se.	Error ellipse: s-maj=13.4km s-min=6.8km az=59.0.							
IDC	I	07 01 07 32.7-1.1	0.10S	123.28E	209-116	3.6,3.2			
IDC	Event type se.	Error ellipse: s-maj=140.9km s-min=21.1km az=69.0.							
IDC	I	08 13 39 54.8-1.4	0.08N	124.11E	233-150	3.7,3.3			
IDC	Event type se.	Error ellipse: s-maj=68.5km s-min=18.3km az=77.0.							
IDC	I	26 18 23 12.7-1.5	0.25N	123.02E	0	3.9,3.7b			
IDC	Event type se.	Error ellipse: s-maj=64.2km s-min=26.2km az=69.0.							
ISC	I	03 11 15 23.6-62	0.2S-10	120.6E-10	35	4.0b	13	8-122	
IDC	I	03 11 15 18.4-1.1	0.16S	120.60E	0	4.1,4.0b			
ISC	I	03 11 15 21.4-63	0.1S-10	120.5E-10	33	4.0b,4.0b			
NEIC	I	03 11 15 22.6-55	0.14S	120.60E	30	4.2b,4.0b			
ISC	Event type se.								
IDC	Event type se.	Error ellipse: s-maj=134.2km s-min=19.1km az=61.0.							
ISC	Event type se.	Error ellipse: s-maj=22.8km s-min=10.1km az=103.7.							
ISC	Event type se.	Error ellipse: s-maj=19.9km s-min=9.9km az=50.0.							
ISC	I	27 05 08 11.2-29	0.66N-05	123.85E-06	292	4.4b	84	4-124	
MOS	I	27 05 08 08.6-86	0.74N	123.92E	283	4.4b			
ISC	I	27 05 0							

HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: $\delta t_1, c_{112}$; Mantle waves: $s89, c148$; Half duration: $1st$ Moment tensor: Scale 1017Nm. $M_{rr}=0.78\pm 0.2$; $M_{\theta\theta}=0.67\pm 0.2$; $M_{\phi\phi}=0.10\pm 0.2$; $M_{r\theta}=0.62\pm 0.2$; $M_{r\phi}=0.35\pm 0.2$; $M_{\theta\phi}=0.22\pm 0.2$;
 Best double couple: NP1: $\phi=316.00000^\circ$; $\delta=334.00000^\circ$; $\lambda=50.00000^\circ$; NP2: $\phi=91.00000^\circ$; $\delta=65.00000^\circ$; $\lambda=113.00000^\circ$. Principal axes: T 0.9790, P17.0000, Azm198.0000
 ; N 0.1190, P121.0000, Azm101.0000; P -1.0980, P163.0000, Azm324.0000
 M₀1.03900x10¹⁷

ISC	V	28 22 28 33.8-31	0.915-06	123.70E-09	27	4.6b,3.3s	73	15-121
IDC	V	28 22 28 29.3-65	0.975	123.44E	0	4.4,4.3		
ISCJB	V	28 22 28 31.6-31	0.93S	123.67E-09	26	4.6b,3.3s		18440718
MOS	V	28 22 28 32.6-1.6	0.91S	123.61E	33	4.9b,3.3s		
NEIC	V	28 22 28 33.1-33	0.93S	123.65E	24	4.9b,3.3s		
BJJ	V	28 22 28 33.1	0.90S	123.60E	24	5.2b,4.8b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=29.2km s-min=15.7km az=66.0.							
ISCJB	Event type se. Error ellipse: s-maj=14.1km s-min=6.1km az=117.1.							
MOS	Error ellipse: s-maj=21.0km s-min=8.6km az=122.0.							
NEIC	Event type se. Error ellipse: s-maj=14.9km s-min=6.6km az=59.0.							
IDC	VI	19 20 25 07.5-1.6	0.73N	124.15E	0	3.8,3.6		19600199

IDC	Error ellipse: s-maj=113.1km s-min=17.9km az=64.0.							
ISC	VI	24 21 35 52.3-6.1	0.50S-07	123.6E-30	28-46	4.2b	11	8-59
IDC	VI	24 21 35 47.9-1.0	0.51S	123.51E	0	4.1,3.9b		19222555
ISCJB	VI	24 21 35 49.2-5.9	0.48S-07	123.6E-30	22-44	4.2b,3.9b		
NEIC	VI	24 21 35 52.3-7.1	0.48S	123.67E	30	4.2b,3.9b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=45.8km s-min=15.4km az=78.0.							
ISCJB	Event type se. Error ellipse: s-maj=45.5km s-min=11.8km az=169.4.							
NEIC	Event type se. Error ellipse: s-maj=33.4km s-min=8.9km az=81.0.							
IDC	VI	24 23 03 12.1-11	0.27S	123.60E	126-113	3.7,3.6		19600394

IDC	Error ellipse: s-maj=68.4km s-min=22.4km az=80.0.							
IDC	VI	24 23 43 48.8-13	1.93N	122.78E	0	4.1,3.9		19600397
IDC	Error ellipse: s-maj=239.2km s-min=128.7km az=124.0.							
IDC	VI	28 03 22 15.9-1.3	0.85N	124.24E	0	3.9,3.8b		19600536
IDC	Error ellipse: s-maj=106.1km s-min=21.5km az=70.0.							
ISC	IV	05 23 24 11.8-44	0.09N-08	123.5E-10	150	4.4b	37	9-121
ISCJB	IV	05 23 24 10.0-43	0.10N-08	123.5E-10	150	4.4b		18228831
NEIC	IV	05 23 24 12.4-2.0	0.08N	123.43E	158-20	4.4b		
BJJ	IV	05 23 24 12.9	0.32N	123.63E	151	5.0b,4.8b		
IDC	IV	05 23 24 14.8-5.7	0.08N	123.42E	185-54	4.2,3.9		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=20.2km s-min=6.7km az=125.4.							
NEIC	Event type se. Error ellipse: s-maj=22.5km s-min=6.5km az=62.0.							
IDC	Error ellipse: s-maj=57.2km s-min=14.7km az=69.0.							

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ISC	IV	05 19 34 12.7-74	0.9N-10	126.3E-20	35	4.2b	13	16-76
IDC	IV	05 19 34 07.3-1.2	0.86N	126.13E	0	4.4,4.3		19594311
NEIC	IV	05 19 34 08.8-71	0.91N	126.28E	10	4.6b,4.3		
ISCJB	IV	05 19 34 10.3-74	1.0N-10	126.3E-20	33	4.2b,4.3		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	IV	06 08 45 35.1-84	3.0N-10	127.6E-20	35	3.8b	11	12-85
IDC	IV	06 08 45 29.7-1.1	2.99N	127.61E	0	4.0,3.8b		19594359
ISCJB	IV	06 08 45 33.4-85	2.9N-10	127.4E-20	33	3.8b,3.8b		
NEIC	IV	06 08 45 37.2-5.4	2.87N	127.38E	57-52	4.2b,3.8b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=64.8km s-min=18.9km az=75.0.							
ISCJB	Event type se. Error ellipse: s-maj=28.3km s-min=11.3km az=115.4.							
NEIC	Event type se. Error ellipse: s-maj=60.4km s-min=10.2km az=65.0.							
ISC	IV	08 15 24 17.1-1.7	1.55N-05	126.3E-10	45-15	4.5b	45	15-123
ISCJB	IV	08 15 24 11.7-2.4	1.56N-05	126.2E-10	16-17	4.5b		19594477
IDC	IV	08 15 24 17.5-2.8	1.56N	126.35E	51-25	4.2L,4.2		
NEIC	IV	08 15 24 24.5-3.4	1.50N	126.27E	124-34	4.4b,4.2		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=18.0km s-min=6.8km az=138.5.							
IDC	Error ellipse: s-maj=30.7km s-min=10.0km az=75.0.							
NEIC	Event type se. Error ellipse: s-maj=16.5km s-min=8.2km az=70.0.							
ISC	IV	13 07 57 45.5-1.4	0.36N-06	125.48E-09	80-13	4.4b	46	11-89
ISCJB	IV	13 07 57 42.2-1.7	0.40N-06	125.43E-09	65-15	4.4b		18320424
NEIC	IV	13 07 57 45.2-1.6	0.39N	125.48E	83-15	4.3b		
BJJ	IV	13 07 57 45.2	0.40N	125.50E	82	5.1b,4.7s		
IDC	IV	13 07 57 45.7-3.1	0.32N	125.38E	85-28	4.3,4.0		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=16.7km s-min=6.8km az=127.1.							
NEIC	Event type se. Error ellipse: s-maj=16.2km s-min=6.1km az=57.0.							
IDC	Error ellipse: s-maj=25.9km s-min=10.0km az=71.0.							
ISC	IV	11 10 30 59.4-44	1.02N-09	125.0E-20	10	4.1b	22	19-123
ISCJB	IV	11 10 30 57.5-44	1.04N-09	125.0E-20	10	4.1b		19594642
IDC	IV	11 10 30 57.8-59	1.04N	125.14E	0	4.2,4.1b		
NEIC	IV	11 10 30 59.3-48	1.03N	125.11E	10	4.5b,4.1b		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=33.4km s-min=8.3km az=144.9.							
IDC	Error ellipse: s-maj=52.3km s-min=14.0km az=71.0.							
NEIC	Event type se. Error ellipse: s-maj=32.4km s-min=9.0km az=74.0.							
IDC	IV	27 04 48 29.0-1.2	1.02N	126.31E	0	3.9,3.7b		19598076

IDC	Error ellipse: s-maj=102.9km s-min=21.0km az=63.0.							
ISC	IV	29 17 52 21.4-5.6	3.0N-30	126.6E-50	91-48	3.8b	11	11-83
IDC	IV	29 17 52 10.7-1.4	3.25N	127.26E	0	3.8,3.7b		19598207
ISCJB	IV	29 17 52 19.1-6.5	3.1N-30	126.6E-40	91-56	3.8b,3.7b		
NEIC	IV	29 17 52 19.2-6.0	3.14N	126.76E	81-52	4.3b,3.7b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=104.0km s-min=18.6km az=69.0.							
ISCJB	Event type se. Error ellipse: s-maj=81.5km s-min=17.5km az=115.4.							
NEIC	Event type se. Error ellipse: s-maj=82.2km s-min=18.5km az=60.0.							
IDC	IV	04 19 32 47.2-1.3	0.34N	125.57E	0	3.5,3.4b		19594252

IDC	Error ellipse: s-maj=146.3km s-min=22.0km az=68.0.							
IDC	IV	20 14 06 13.4-1.3	2.60N	127.01E	0	3.7,3.6		19597545
IDC	Error ellipse: s-maj=97.6km s-min=19.5km az=72.0.							
ISC	IV	24 23 52 05.4-7.1	2.9N-10	127.6E-30	35	3.9b	15	21-92
IDC	IV	24 23 52 00.3-1.1	2.89N	127.60E	0	4.0,3.9		19597895
ISCJB	IV	24 23 52 03.2-7.1	2.9N-10	127.6E-30	33	3.9b,3.9		
NEIC	IV	24 23 52 05.3-5.4	2.88N	127.58E	35	4.1b,3.9		
ISC	Event type se.							
IDC	Error ellipse: s-maj=107.6km s-min=17.5km az=73.0.							
ISCJB	Event type se. Error ellipse: s-maj=42.9km s-min=9.6km az=141.7.							
NEIC	Event type se. Error ellipse: s-maj=34.5km s-min=7.6km az=71.0.							
ISC	IV	05 22 28 47.4-7.6	1.1N-10	126.6E-20	35	4.2b	10	22-124
IDC	IV	05 22 28 42.3-1.7	1.12N	126.52E	0	4.1,3.9b		19594315
ISCJB	IV	05 22 28 44.9-7.6	1.2N-10	126.6E-20	33	4.2b,3.9b		
NEIC	IV	05 22 28 47.2-5.7	1.09N	126.58E	35	4.4b,3.9b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=163.1km s-min=21.7km az=64.0.							
ISCJB	Event type se. Error ellipse: s-maj=28.9km s-min=13.4km az=136.5.							
NEIC	Event type se. Error ellipse: s-maj=21.7km s-min=10.1km az=69.0.							
ISC	IV	28 00 11 52.1-80	0.6N-20	125.7E-20	35	3.9b	10	11-70
IDC	IV	28 00 11 46.9-1.3	0.67N	125.86E	0	3.9,3.7		19598117
ISCJB	IV	28 00 11 49.8-80	0.6N-20	125.7E-20	33	3.9b,3.7		
NEIC	IV	28 00 11 49.2-67	0.57N	125.74E	15	4.3b,3.7		
ISC	Event type se.							
IDC	Error ellipse: s-maj=143.2km s-min=21.5km az=68.0.							
ISCJB	Event type se. Error ellipse: s-maj=35.2km s-min=10.8km az=111.8.							
NEIC	Event type se. Error ellipse: s-maj=30.8km s-min=9.1km az=57.0.							

ISC	IV	07 21 49 40.7-80	2.6N-20	127.1E-40	10	4.2b	16	21-69
ISCJB	IV	07 21 49 39.1-78	2.5N-20	126.8E-40	10	4.2b		19594435
IDC	IV	07 21 49 39.4-1.1	2.65N	127.15E	0	4.1,3.9b		
NEIC	IV	07 21 49 40.6-69	2.62N	127.15E	10	4.5b,3.9b		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=68.5km s-min=10.0km az=141.3.							
IDC	Error ellipse: s-maj=109.3km s-min=15.4km az=70.0.							
NEIC	Event type se. Error ellipse: s-maj=59.2km s-min=8.6km az=71.0.							
ISC	IV	21 17 10 52.1-3.0	0.6N-10	126.2E-20	78-29	4.1b	14	11-80
IDC	IV	21 17 10 42.6-91	0.60N	125.81E	0	4.3,4.2b		19597657
ISCJB	IV	21 17 10 51.2-4.1	0.7N-10	126.2E-20	89-40	4.1b,4.2b		
NEIC	IV	21 17 10 52.4-3.1	0.60N	126.15E	85-32	4.1b,4.2b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=74.9km s-min=16.6km az=70.0.							
ISCJB	Event type se. Error ellipse: s-maj=40.1km s-min=13.1km az=127.7.							
NEIC	Event type se. Error ellipse: s-maj=35.4km s-min=11.3km az=62.0.							
IDC	VI	29 15 50 24.1-2.1	1.72N	126.32E	0	3.7,3.5b		19600571

IDC	Error ellipse: s-maj=172.7km s-min=25.5km az=65.0.							
IDC	VI	22 20 17 59.4-2.0	1.50N	125.99E	0	3.6,3.4		19600320
IDC	Error ellipse: s-maj=175.9km s-min=25.0km az=65.0.							
IDC	VI	21 08 55 07.2-1.9	1.55N	126.98E	0	4.0,3.9b		19600262
IDC	Error ellipse: s-maj=164.1km s-min=23.1km az=65.0.							
IDC	VI	17 00 29 31.8-2.5	2.02N	127.02E	0	3.8,3.6b		19600116
IDC	Error ellipse: s-maj=214.9km s-min=26.2km az=66.0.							
IDC	VI	07 11 41 36.3-1.5	1.01N	126.78E	0	4.2,4.1		19599879

IDC	Error ellipse: s-maj=153.1km s-min=18.4km az=65.0.							
IDC	VI	02 16 27 09.4-1.9	0.01N	126.72E	0	3.5,3.4		19599715
IDC	Error ellipse: s-maj=171.8km s-min=24.6km az=66.0.							
IDC	III	08 19 11 33.0-2.1	1.65N	126.97E	0	3.3s,3.3		19599858
IDC	Error ellipse: s-maj=173.3km s-min=24.5km az=66.0.							
IDC	III	10 13 03 39.4-2.0	1.82N	125.39E	0	3.5,3.4		196001149
IDC	Error ellipse: s-maj=186.8km s-min=25.6km az=64.0.							
IDC	III	11 10 54 42.8-2.0	1.01N	126.82E	0	3.9,3.7b		19601769
IDC	Error ellipse: s-maj=171.1km s-min=24.7km az=66.0.							
IDC	III	13 11 41 04.2-1.9	0.09N	125.55E	0	4.0,3.9s		19602999

IDC	Error ellipse: s-maj=182.5km s-min=26.1km az=64.0.							
IDC	III	14 17 38 58.5-1.9	0.89N	125.22E	0	3.8,3.5b		19603725
IDC	Error ellipse: s-maj=185.0km s-min=24.2km az=64.0.							
IDC	III	16 14 39 31.1-2.4	2.64N	127.58E	0	3.4,3.3		19604840
IDC	Error ellipse: s-maj=190.4km s-min=25.6km az=68.0.							
IDC	III	16 15 22 35.5-1.9	0.55N	125.37E	0	3.9,3.7		19604865
IDC	Error ellipse: s-maj=174.7km s-min=26.0km az=64.0.							
IDC	III	16 18 31 58.5-1.9	0.49N	125.90E	0	3.4,3.3		19604940
IDC	Error ellipse: s-maj=185.2km s-min=25.2km az=65.0.							
IDC	III	17 07 07 23.8-2.0	1.46N	125.23E	0	3.9,3.7b		19605199
IDC	Error ellipse: s-maj=193.1km s-min=25.4km az=64.0.							
IDC	III	19 08 54 19.5-1.7	2.60N	126.73E	0	3.9,3.7b		19606464

IDC	Error ellipse: s-maj=166.7km s-min=2							
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ISCJB	II	08 22 28 55.4-56	2.09N-09	126.4E-10	33	4.0b,3.8b			
NEIC	II	08 22 28 57.1-48	2.04N	126.42E	35	4.3b,3.8b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=61.3km s-min=19.0km az=70.0.								
ISCJB	Event type se. Error ellipse: s-maj=22.7km s-min=9.6km az=130.7.								
NEIC	Event type se. Error ellipse: s-maj=19.3km s-min=8.9km az=61.0.								
IDC	II	10 09 02 28.2-2.0	0.64N	126.78E	0	3.6,3.4			
IDC	Error ellipse: s-maj=175.2km s-min=24.6km az=66.0.								
ISC	II	11 16 37 14.9-1.7	0.80N-06	126.7E-10	58-15	4.5b	55	12-93	
ISCJB	II	11 16 37 10.3-2.2	0.85N-06	126.7E-10	33-18	4.5b			
MOS	II	11 16 37 10.8-1.2	0.80N	126.59E	33	4.6b			
IDC	II	11 16 37 14.8-3.5	0.82N	126.86E	59-31	4.3,4.2			
NEIC	II	11 16 37 16.2-2.0	0.77N	126.64E	72-18	4.5b,4.2			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=20.0km s-min=6.9km az=138.4.								
MOS	Error ellipse: s-maj=29.8km s-min=9.9km az=111.4.								
IDC	Error ellipse: s-maj=54.7km s-min=10.2km az=71.0.								
NEIC	Event type se. Error ellipse: s-maj=17.1km s-min=6.6km az=64.0.								
IDC	II	11 17 51 50.3-1.1	2.18N	126.26E	0	3.8,3.7			
IDC	Error ellipse: s-maj=132.8km s-min=18.2km az=68.0.								
IDC	II	12 04 43 32.6-2.0	1.76N	126.05E	0	3.5,3.3b			
IDC	Error ellipse: s-maj=177.6km s-min=24.4km az=65.0.								
IDC	II	15 18 22 20.5-2.1	1.41N	126.72E	0	3.4,3.3			
IDC	Error ellipse: s-maj=173.9km s-min=26.0km az=66.0.								
IDC	II	16 10 10 01.1-1.4	2.51N	126.88E	0	4.1,3.9b			
IDC	Error ellipse: s-maj=155.1km s-min=21.3km az=68.0.								
ISC	II	16 21 17 12.9-1.0	2.3N-20	126.9E-30	35	4.2b	16	16-59	
IDC	II	16 21 17 07.9-1.2	2.17N	126.73E	0	3.9,3.8b			
NEIC	II	16 21 17 09.3-86	2.15N	126.65E	10	4.5b,3.8b			
ISCJB	II	16 21 17 11.0-1.0	2.2N-20	126.7E-30	33	4.2b,3.8b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	II	17 07 57 07.9-1.1	0.0N-40	126.7E-70	35	4.3b	8	21-61	
ISCJB	II	17 07 57 05.3-1.1	0.1N-30	126.8E-70	33	4.3b			
NEIC	II	17 07 57 05.2-87	0.02S	126.57E	15	4.8b			
IDC	II	17 07 57 09.5-9.8	0.14N	127.14E	55-94	4.2,4.1			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=113.0km s-min=13.0km az=130.0.								
NEIC	Event type se. Error ellipse: s-maj=96.4km s-min=10.7km az=65.0.								
IDC	Error ellipse: s-maj=122.7km s-min=21.1km az=68.0.								
IDC	II	17 18 56 07.4-1.2	2.23N	126.76E	0	3.9,3.7b			
IDC	Error ellipse: s-maj=138.2km s-min=18.6km az=68.0.								
ISC	II	18 01 09 49.9-24	0.67N-04	126.08E-06	52	4.8b,4.2s	125	11-130	
BJI	II	18 01 09 41.0	0.19S	126.41E	54	5.1b,4.9s			
IDC	II	18 01 09 46.0-5.0	0.74N	126.05E	20-31	4.7,4.6			
MOS	II	18 01 09 45.9-97	0.72N	125.96E	33	5.0b,4.6			
ISCJB	II	18 01 09 47.8-25	0.68N-04	126.04E-06	50	4.8b,4.2s			
NEIC	II	18 01 09 49.8-30	0.72N	126.14E	54	4.8b,4.2s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=19.6km s-min=10.2km az=67.0.								
MOS	Error ellipse: s-maj=14.7km s-min=6.8km az=113.1.								
ISCJB	Event type se. Error ellipse: s-maj=8.9km s-min=4.9km az=142.0.								
NEIC	Event type se. Error ellipse: s-maj=10.9km s-min=5.9km az=64.0.								
ISC	II	18 07 38 16.9-52	2.76N-08	126.9E-20	10	4.5b	30	16-123	
ISCJB	II	18 07 38 15.3-52	2.72N-09	126.8E-20	10	4.5b			
IDC	II	18 07 38 15.3-72	2.72N	126.89E	0	4.5,4.3b			
NEIC	II	18 07 38 16.8-7.5	2.73N	126.83E	10-47	4.7b,4.3b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=25.8km s-min=7.2km az=132.0.								
IDC	Error ellipse: s-maj=51.3km s-min=14.3km az=73.0.								
NEIC	Event type se. Error ellipse: s-maj=18.4km s-min=7.0km az=60.0.								
IDC	II	19 22 15 03.9-2.3	1.71N	126.48E	0	3.6,3.4b			
IDC	Error ellipse: s-maj=196.7km s-min=26.6km az=66.0.								
ISC	II	20 23 31 54.1-22	1.90N-03	126.61E-05	28	4.9b,3.9s	192	6-131	
IDC	II	20 23 31 49.5-45	1.92N	126.49E	0	4.7,4.7			
BJI	II	20 23 31 51.7	1.71N	126.64E	38	4.9b,4.9b			
ISCJB	II	20 23 31 52.0-21	1.91N-03	126.57E-05	26	4.9b,3.9s			
MOS	II	20 23 31 53.2-98	1.98N	126.55E	33	5.3b,3.9s			
NEIC	II	20 23 31 53.8-19	1.93N	126.53E	26	5.0b,3.9s			
NAO	II	20 23 32 23.1	7.18N	122.36E	33	4.6b,3.9s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=23.0km s-min=11.2km az=77.0.								
ISCJB	Event type se. Error ellipse: s-maj=7.9km s-min=3.8km az=142.5.								
MOS	Error ellipse: s-maj=12.8km s-min=6.0km az=109.5.								
NEIC	Event type se. Error ellipse: s-maj=7.6km s-min=4.1km az=71.0.								
IDC	II	21 15 00 11.9-2.3	0.91N	126.05E	0	3.5,3.3			
IDC	Error ellipse: s-maj=225.7km s-min=26.5km az=65.0.								
IDC	II	21 16 04 42.8-2.0	1.90N	126.82E	0	3.9s,3.9			
IDC	Error ellipse: s-maj=172.7km s-min=23.7km az=66.0.								
IDC	II	21 20 52 58.9-2.0	0.94N	126.16E	0	3.8,3.6			
IDC	Error ellipse: s-maj=193.7km s-min=23.5km az=65.0.								
IDC	II	22 04 37 03.2-1.4	0.19N	126.78E	0	3.8,3.6b			
IDC	Error ellipse: s-maj=135.6km s-min=21.1km az=69.0.								
IDC	II	22 13 05 34.2-2.1	1.84N	126.48E	0	3.4,3.3			
IDC	Error ellipse: s-maj=171.0km s-min=26.3km az=66.0.								
IDC	II	23 08 00 07.0-2.0	0.84N	126.51E	0	3.8,3.6			
IDC	Error ellipse: s-maj=177.7km s-min=24.5km az=66.0.								
IDC	II	24 07 41 23.3-1.9	2.16N	127.89E	0	4.0,3.8b			
IDC	Error ellipse: s-maj=132.9km s-min=25.6km az=66.0.								
ISC	II	24 08 28 58.7-6.4	0.5N-20	125.1E-30	52-63	4.0b	12	18-122	
IDC	II	24 08 28 51.9-94	0.41N	124.79E	0	4.1,4.0b			
ISCJB	II	24 08 28 54.8-74	0.61N-10	125.1E-30	33	4.0b,4.0b			
NEIC	II	24 08 29 00.6-5.6	0.46N	125.08E	72-55	4.0b,4.0b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=84.3km s-min=17.7km az=65.0.								
ISCJB	Event type se. Error ellipse: s-maj=40.3km s-min=11.3km az=141.4.								
NEIC	Event type se. Error ellipse: s-maj=30.6km s-min=16.5km az=68.0.								
IDC	II	24 16 45 01.0-2.1	1.62N	126.70E	0	3.5,3.3			
IDC	Error ellipse: s-maj=178.4km s-min=25.7km az=66.0.								
IDC	IV	07 16 57 52.9-2.0	0.63N	126.37E	0	3.4,3.2			
IDC	Error ellipse: s-maj=176.2km s-min=25.0km az=65.0.								
IDC	IV	09 00 47 31.3-2.2	1.90N	126.40E	0	3.7,3.5b			
IDC	Error ellipse: s-maj=201.8km s-min=25.1km az=66.0.								
IDC	IV	13 16 53 31.8-8.3	2.17N	126.24E	0	4.1,3.9b			
IDC	Error ellipse: s-maj=169.6km s-min=129.4km az=73.0.								
IDC	IV	17 14 18 39.1-2.1	1.47N	126.73E	0	3.6,3.4b			
IDC	Error ellipse: s-maj=170.8km s-min=25.6km az=66.0.								
ISC	II	26 10 29 29.7-1.2	0.44N-04	126.15E-07	80-11	4.6b	120	11-123	
IDC	II	26 10 29 19.2-48	0.42N	126.13E	0	4.7,4.6			
MOS	II	26 10 29 24.4-91	0.46N	126.12E	48	4.8b,4.0s			
ISCJB	II	26 10 29 28.4-1.4	0.41N-05	126.11E-07	86-13	4.6b,4.0s			

BJI	II	26 10 29 29.2	0.23N	126.13E	101	5.0b,4.8b			
NEIC	II	26 10 29 30.6-1.7	0.44N	126.26E	94-16	4.7b,4.8b			
CSEM	II	26 10 29 41.8	0.03N	125.62E	230	5.6b,4.8b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=22.3km s-min=9.2km az=69.0.								
MOS	Error ellipse: s-maj=16.0km s-min=7.6km az=110.9.								
ISCJB	Event type se. Error ellipse: s-maj=12.5km s-min=7.3km az=128.2.								
NEIC	Event type se. Error ellipse: s-maj=13.4km s-min=6.2km az=60.0.								
IDC	IV	22 06 22 56.0-2.3	2.51N	127.46E	0	3.6,3.4b			
IDC	Error ellipse: s-maj=183.6km s-min=25.7km az=67.0.								
ISC	II	27 00 29 54.5-7.1	1.7N-20	125.7E-40	35	3.8b	10	23-87	
IDC	II	27 00 29 49.2-1.2	1.75N	125.69E	0	4.0,3.7b			
ISCJB	II	27 00 29 52.5-7.1	1.7N-20	125.4E-50	33	3.8b,3.7b			
NEIC	II	27 00 29 54.4-63	1.69N	125.68E	35	4.1b,3.7b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=83.1km s-min=22.7km az=70.0.								
ISCJB	Event type se. Error ellipse: s-maj=70.3km s-min=12.8km az=134.4.								
NEIC	Event type se. Error ellipse: s-maj=63.4km s-min=11.2km az=67.0.								
ISC	II	27 03 00 38.4-1.5	2.5N-20	127.1E-30	35	4.1b	8	23-59	
IDC	II	27 03 00 33.2-2.2	2.44N	127.09E	0	4.0,3.8b			
ISCJB	II	27 03 00 36.2-1.5	2.5N-20	127.0E-20	33	4.1b,3.8b			
NEIC	II	27 03 00 37.5-1.1	2.44N	127.10E	30	4.1b,3.8b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=187.7km s-min=23.6km az=67.0.								
ISCJB	Event type se. Error ellipse: s-maj=40.7km s-min=18.8km az=114.5.								
NEIC	Event type se. Error ellipse: s-maj=31.0km s-min=13.4km az=57.0.								
IDC	IV	26 16 17 46.2-2.2	2.19N	126.79E	0	3.5,3.3b			
IDC	Error ellipse: s-maj=176.1km s-min=25.9km az=66.0.								
IDC	IV	28 19 37 55.5-2.1	1.25N	126.26E	0	3.5,3.4			
IDC	Error ellipse: s-maj=173.7km s-min=26.6km az=65.0.								
IDC	IV	29 11 05 51.0-2.1	0.90N	126.99E	0	3.7,3.6			
IDC	Error ellipse: s-maj=169.1km s-min=25.0km az=66.0.								
IDC	IV	30 01 29 55.5-2.1	1.69N	126.25E	0	3.8,3.6b			
IDC	Error ellipse: s-maj=193.3km s-min=24.7km az=65.0.								
IDC	IV	30 17 18 58.0-2.2	2.92N	126.17E	0	3.3,3.2b			
IDC	Error ellipse: s-maj=202.2km s-min=24.9km az=66.0.								
IDC	V	21 16 50 25.1-1.5	2.05N	127.81E	0	4.1,3.9b			
IDC	Error ellipse: s-maj=96.6km s-min=22.3km az=69.0.								
ISC	V	16 22 47 02.4-1.1	2.76N-05	126.51E-09	74-9	4.5b	54	4-123	
IDC	V	16 22 46 53.0-68	2.78N	126.28E	0	4.3,4.2b			
MOS	V	16 22 46 56.4-90	2.79N	126.27E	33	5.0b,4.2b			
ISCJB	V	16 22 47 00.6-1.2	2.75N-05	126.43E-10	74-11	4.5b,4.2b			
NEIC	V	16 22 47 05.5-2.0	2.74N	126.41E	107-18	5.0b,4.2b			
BJI	V	16 22 47 05.1	2.47N	126.54E	131	5.2b,4.6b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=43.8km s-min=14.6km az=74.0.								
MOS	Error ellipse: s-maj=30.2km s-min=11.9km az=113.5.								
ISCJB	Event type se. Error ellipse: s-maj=17.2km s-min=7.7km az=144.1.								
NEIC	Event type se. Error ellipse: s-maj=14.3km s-min=6.3km az=64.0.								
IDC	V	22 10 56 32.8-1.7	2.84N	127.36E	0	3.8,3.7			
IDC	Error ellipse: s-maj=100.9km s-min=22.7km az=68.0.								
IDC	V	22 14 30 16.0-1.5	0.07N	125.91E	0	4.0,3.9b			
IDC	Error ellipse: s-maj=107.5km s-min=21.1km az=66.0.								
ISC	V	30 02 29 54.5-80	0.82N-05	126.54E-06	99-8	4.6b	69	5-154	
MOS	V	30 02 29 45.8-1.0	0.96N	126.57E	33	5.1b			
IDC	V	30 02 29 47.6-2.4	0.92N	126.64E	33-17	4.5L,4.5			
BJI	V	30 02 29 48.5	0.90N	126.70E	60	4.8b,4.7b			
NEIC	V	30 02 29 50.5-1.5	0.86N	126.70E	60-15	4.8b,4.7b			
ISCJB	V	30 02 29 53.1-1.0	0.82N-05	126.54E-06	103-10	4.6b,4.7b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
NEIC	V	25 20 10 14.2-1.1	1.44N	126.46E	10				

ISC	IV	29 23 03 54.5-88	1.42N-04	127.28E-06	146-9	4.6b	87	5-82
B/J	IV	29 23 03 45.0	0.88N	127.95E	130	5.1b,5.0b		¶18565077
MOS	IV	29 23 03 52.5-85	1.48N	127.24E	148	4.4b,5.0b		
NEIC	IV	29 23 03 52.4-1.6	1.43N	127.26E	130-16	4.5b,5.0b		
IDC	IV	29 23 03 52.4-2.3	1.42N	127.26E	133-21	4.7,4.3b		
ISCJB	IV	29 23 03 53.9-91	1.42N-04	127.27E-06	159-9	4.6b,4.3b		
ISC	Event type se.							
NEIC	Event type se. Error ellipse: s-maj=15.5km s-min=7.9km az=139.9.							
ISCJB	Event type se. Error ellipse: s-maj=29.9km s-min=8.8km az=80.0.							
NEIC	Event type se. Error ellipse: s-maj=12.8km s-min=6.9km az=64.0.							
IDC	III	06 15 08 15.6-1.9	0.33N	127.54E	0	3.9,3.8		¶10598466
ISC	IV	29 03 26 40.4-51	0.91N-07	127.4E-10	35	4.2b,3.1s	22	17-70
IDC	IV	29 03 26 35.2-84	0.91N	127.33E	0	4.3,4.1		¶18646717
ISCJB	IV	29 03 26 38.1-51	0.94N-07	127.4E-10	33	4.2b,3.1s		
MOS	IV	29 03 26 38.1-70	0.90N	127.25E	33	4.6b,3.1s		
NEIC	IV	29 03 26 38.3-37	0.92N	127.37E	20	4.5b,3.1s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=38.1km s-min=16.1km az=71.0.							
ISCJB	Event type se. Error ellipse: s-maj=17.3km s-min=9.1km az=145.9.							
MOS	Error ellipse: s-maj=37.0km s-min=14.5km az=111.0.							
NEIC	Event type se. Error ellipse: s-maj=12.6km s-min=6.5km az=73.0.							
IDC	IV	22 17 03 32.1-22	1.51N	127.15E	520-300	3.7,3.0		¶19597731
IDC	Error ellipse: s-maj=115.4km s-min=37.7km az=41.0.							
ISC	IV	10 15 41 59.1-5.9	1.7N-30	127.4E-50	131-57	4.0b	11	15-64
IDC	IV	10 15 41 43.5-1.3	1.95N	127.60E	0	4.0,3.9		¶19594586
NEIC	IV	10 15 41 56.1-91	1.74N	127.29E	100	4.2b,3.9		
ISCJB	IV	10 15 41 57.6-6.1	1.7N-30	127.1E-50	132-60	4.0b,3.9		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
IDC	IV	23 10 01 43.7-2.0	2.68N	128.16E	0	3.7,3.5b		¶19597774
IDC	Error ellipse: s-maj=140.9km s-min=25.3km az=66.0.							
IDC	VI	25 10 25 53.3-1.7	0.98N	127.08E	0	3.8,3.6		¶19600424
IDC	Error ellipse: s-maj=164.0km s-min=26.7km az=73.0.							
IDC	VI	22 05 25 31.6-1.5	0.83S	127.72E	0	3.8,3.6		¶19600299
IDC	Error ellipse: s-maj=240.3km s-min=147.0km az=150.0.							
IDC	VI	21 21 06 00.4-2.0	0.02S	127.06E	0	3.5,3.4		¶19600276
IDC	Error ellipse: s-maj=166.3km s-min=26.3km az=66.0.							
IDC	VI	06 04 50 50.5-17	0.70N	128.44E	0	3.9,3.7		¶19599838
IDC	Error ellipse: s-maj=271.8km s-min=132.1km az=163.0.							
ISC	III	17 16 10 57.8-3.4	1.74N-10	127.4E-20	138-31	4.0b	18	17-124
ISCJB	III	17 16 10 53.6-3.6	1.83N-10	127.4E-20	113-32	4.1b		¶110605481
NEIC	III	17 16 10 57.8-4.3	1.77N	127.37E	142-41	4.1b		
IDC	III	17 16 10 59.1-3.5	1.87N	127.82E	158-30	4.0,3.7		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=32.5km s-min=11.1km az=134.7.							
NEIC	Event type se. Error ellipse: s-maj=24.4km s-min=9.2km az=62.0.							
IDC	Error ellipse: s-maj=89.1km s-min=12.3km az=70.0.							
IDC	III	10 01 05 21.7-2.0	1.08N	127.47E	0	4.1s,4.1		¶110600755
IDC	Error ellipse: s-maj=141.8km s-min=26.3km az=66.0.							
IDC	III	12 02 02 49.1-2.1	0.83N	127.08E	0	3.6,3.4b		¶110602253
IDC	Error ellipse: s-maj=179.7km s-min=25.3km az=66.0.							
IDC	III	12 16 24 27.5-2.7	2.47N	129.19E	0	3.5,3.4		¶110602573
IDC	Error ellipse: s-maj=184.5km s-min=26.2km az=69.0.							
IDC	III	13 21 40 38.9-2.1	1.98N	127.26E	0	4.1,3.8b		¶110603228
IDC	Error ellipse: s-maj=156.3km s-min=25.5km az=66.0.							
IDC	III	14 16 21 58.0-2.1	1.71S	127.66E	0	3.2,3.1b		¶110603701
IDC	Error ellipse: s-maj=158.2km s-min=26.9km az=67.0.							
IDC	III	17 23 35 51.3-2.2	1.15S	128.02E	0	3.5L,3.5		¶110605672
IDC	Error ellipse: s-maj=152.2km s-min=28.2km az=67.0.							
IDC	III	24 16 22 46.8-1.6	1.05S	127.74E	0	3.7b,3.7		¶110609721
IDC	Error ellipse: s-maj=152.1km s-min=21.9km az=67.0.							
IDC	III	24 21 15 36.1-2.3	1.86N	127.29E	0	3.8,3.5b		¶110609851
IDC	Error ellipse: s-maj=179.0km s-min=26.1km az=66.0.							
IDC	III	31 02 21 49.8-2.2	1.64N	127.07E	0	3.7,3.5b		¶110614082
IDC	Error ellipse: s-maj=180.7km s-min=26.0km az=66.0.							
IDC	III	07 11 33 28.2-1.9	1.38N	127.91E	0	3.8,3.7b		¶110598986
IDC	Error ellipse: s-maj=161.7km s-min=22.1km az=66.0.							
ISC	III	04 17 34 29.6-1.3	2.40N-05	128.65E-09	229-13	4.1b	55	6-92
ISCJB	III	04 17 34 28.7-1.3	2.40N-05	128.62E-09	237-13	4.1b		¶110597337
NEIC	III	04 17 34 29.5-98	2.40N	128.63E	230-10	4.1b		
MOS	III	04 17 34 29.0-1.4	2.49N	128.41E	234	4.0b		
IDC	III	04 17 34 29.8-2.2	2.39N	128.66E	230-20	4.3,3.9		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=15.9km s-min=7.0km az=147.2.							
NEIC	Event type se. Error ellipse: s-maj=10.8km s-min=4.8km az=76.0.							
MOS	Error ellipse: s-maj=24.7km s-min=10.0km az=103.6.							
IDC	Error ellipse: s-maj=37.8km s-min=10.1km az=81.0.							
ISC	III	06 02 00 21.3-1.2	2.24N-04	128.34E-09	172-11	4.5b	57	6-163
MOS	III	06 02 00 05.2-1.3	2.39N	128.18E	33	5.1b		¶110598164
ISCJB	III	06 02 00 20.6-1.2	2.24N-04	128.31E-09	183-11	4.5b		
B/J	III	06 02 00 20.5	1.99N	128.42E	201	4.7b,4.5b		
IDC	III	06 02 00 20.5-1.8	2.22N	128.34E	167-16	4.7,4.3		
NEIC	III	06 02 00 21.3-2.6	2.25N	128.31E	173	4.7b,4.3		
ISC	Event type se.							
MOS	Error ellipse: s-maj=26.3km s-min=10.6km az=112.2.							
ISCJB	Event type se. Error ellipse: s-maj=15.9km s-min=6.4km az=151.7.							
IDC	Error ellipse: s-maj=22.8km s-min=8.6km az=77.0.							
NEIC	Event type se. Error ellipse: s-maj=9.9km s-min=4.7km az=74.0.							
ISC	III	28 10 47 04.5-5.4	1.7N-20	127.6E-40	125-55	4.2b	18	15-76
NEIC	III	28 10 46 54.8-7.4	1.80N	127.55E	30	4.5b		¶110612263
ISCJB	III	28 10 47 01.8-5.5	1.7N-20	127.4E-40	112-55	4.2b		
IDC	III	28 10 47 04.0-3.5	1.62N	127.50E	118-31	4.3,4.0		
ISC	Event type se.							
NEIC	Event type se. Error ellipse: s-maj=50.4km s-min=9.6km az=71.0.							
ISCJB	Event type se. Error ellipse: s-maj=61.9km s-min=18.6km az=146.5.							
IDC	Error ellipse: s-maj=76.9km s-min=13.6km az=69.0.							
ISC	III	30 15 18 30.8-3.4	1.28S-05	129.57E-09	19	4.6b,3.7s	61	12-152
ISCJB	III	30 15 18 28.7-3.3	1.32S-04	129.47E-08	18	4.6b,3.7s		¶110613683
B/J	III	30 15 18 28.2	1.54S	129.56E	23	4.8b,4.8b		
MOS	III	30 15 18 30.5-1.2	1.25S	129.53E	33	4.6b,4.8b		
IDC	III	30 15 18 31.3-6.8	1.32S	129.42E	20-4	4.3,4.3		
NEIC	III	30 15 18 31.1-3.1	1.28S	129.49E	21	4.6b,4.3		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=11.7km s-min=5.5km az=147.7.							
MOS	Error ellipse: s-maj=19.6km s-min=9.2km az=116.0.							
IDC	Error ellipse: s-maj=25.3km s-min=10.6km az=69.0.							
NEIC	Event type se. Error ellipse: s-maj=11.8km s-min=5.5km az=67.0.							
ISC	III	31 12 06 27.7-9.0	2.7N-20	128.9E-50	200	3.8b	11	21-147
ISCJB	III	31 12 06 26.0-9.2	2.7N-20	128.9E-50	200	3.8b		¶110614411
IDC	III	31 12 06 26.1-7.7	2.65N	128.90E	182-71	4.0,3.7		
NEIC	III	31 12 06 29.3-7.6	2.58N	128.77E	216-72	4.0,3.7		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=72.0km s-min=11.6km az=146.1.							
IDC	Error ellipse: s-maj=89.3km s-min=14.9km az=68.0.							
NEIC	Event type se. Error ellipse: s-maj=77.3km s-min=13.7km az=65.0.							
ISC	III	31 15 39 44.0-2.1	2.89N-06	128.29E-09	187-20	4.2b	50	16-147

B/J	III	31 15 39 34.4	2.21N	128.73E	167	5.2b,4.6b		¶110614544
ISCJB	III	31 15 39 41.5-2.2	2.94N-06	128.25E-09	176-21	4.2b,4.6b		
IDC	III	31 15 39 41.2-1.9	2.92N	128.33E	162-16	4.9s,4.9		
NEIC	III	31 15 39 42.0-2.2	2.95N	128.26E	168-22	4.3b,4.9		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=15.5km s-min=7.9km az=139.9.							
IDC	Error ellipse: s-maj=29.9km s-min=8.8km az=80.0.							
NEIC	Event type se. Error ellipse: s-maj=12.8km s-min=6.9km az=64.0.							
IDC	III	06 15 08 15.6-1.9	0.33N	127.54E	0	3.9,3.8		¶10598466
IDC	Error ellipse: s-maj=156.7km s-min=23.5km az=66.0.							
IDC	III	26 03 15 49.3-9.7	1.99S	128.02E	0	4.1,4.0b		¶110610763
IDC	Error ellipse: s-maj=141.7km s-min=97.2km az=141.0.							
ISC	VI	03 20 49 35.2-1.3	1.9N-20	128.0E-20	250	4.1b	15	18-60
IDC	VI	03 20 49 07.0-1.6	2.54N	128.63E	0	4.2,4.0		¶19221407
ISCJB	VI	03 20 49 33.2-1.4	2.0N-20	128.0E-20	250	4.1b,4.0		
NEIC	VI	03 20 49 34.5-6.8	1.94N	128.04E	246-70	4.2b,4.0		
ISC	Event type se.							
IDC	Error ellipse: s-maj=94.9km s-min=20.8km az=70.0.							
ISCJB	Event type se. Error ellipse: s-maj=33.3km s-min=14.5km az=103.6.							
NEIC	Event type se. Error ellipse: s-maj=40.6km s-min=11.7km az=52.0.							
ISC	VI	16 22 43 19.1-1.3	2.7N-20	129.3E-50	35	3.9b	7	21-60
IDC	VI	16 22 43 13.2-1.5	2.81N	129.37E	0	4.0,3.9		¶19222109
ISCJB	VI	16 22 43 16.9-1.3	2.7N-20	129.1E-60	33	4.0b,3.9		
NEIC	VI	16 22 43 18.8-1.2	2.73N	129.27E	35	4.0b,3.9		
ISC	Event type se.							
IDC	Error ellipse: s-maj=103.3km s-min=18.4km az=72.0.							
ISCJB	Event type se. Error ellipse: s-maj=82.6km s-min=16.5km az=149.1.							
NEIC	Event type se. Error ellipse: s-maj=76.2km s-min=15.7km az=75.0.							
IDC	VI	01 21 33 41.1-1.8	2.31N	128.04E	0	4.0,3.9		¶19599677
IDC	Error ellipse: s-maj=101.8km s-min=22.8km az=69.0.							
ISC	III	06 01 59 34.9-4.2	2.52N-06	128.8E-10	35	4.4b	39	21-125
MOS	III	06 01 59 31.7-6.6	2.51N	128.54E	26	4.3b		¶110598163
ISCJB	III	06 01 59 32.8-3.9	2.50N-06	128.7E-10	33	4.4b		
NEIC	III	06 01 59 33.4-3.5	2.50N	128.66E	26	4.7b		
IDC	III	06 01 59 36.2-6.0	2.46N	128.66E	50-58	4.3,4.2		
ISC	Event type se.							
MOS	Error ellipse: s-maj=27.7km s-min=10.2km az=107.0.							
ISCJB	Event type se. Error ellipse: s-maj=19.3km s-min=6.8km az=143.7.							
NEIC	Event type se. Error ellipse: s-maj=19.8km s-min=6.5km az=79.0.							
IDC	Error ellipse: s-maj=36.6km s-min=14.7km az=80.0.							
ISC	III	10 14 28 56.7-2.2	1.53N-07	127.5E-10	189-22	4.4b	48	15-93
ISCJB	III	10 14 28 55.6-2.7	1.53N-07	127.4E-10	195-27	4.3b		¶110601217
IDC	III	10 14 28 56.9-3.4	1.49N	127.50E	193-31	4.5,4.1		
NEIC	III	10 14 28 57.7-1.8	1.50N	127.43E	202-18	4.3b,4.1		
B/J	III	10 14 28 57.0	1.21N	127.27E	222	4.7b,4.5b		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=20.5km s-min=8.5km az=124.8.							
IDC	Error ellipse: s-maj=37.2km s-min=9.5km az=69.0.							
NEIC	Event type se. Error ellipse: s-maj=11.9km s-min=5.2km az=65.0.							
ISC	III	16 04 58 30.3-6.0	2.6N-10	128.6E-20	100	4.4b	19	23-125
ISCJB	III	16 04 58 28.6-6.0	2.7N-10	128.5E-20	100	4.4b		¶110604601
NEIC	III	16 04 58 30.1-4.9	2.58N	128.47E	100	4.3b		
IDC	III	16 04 58 32.0-8.0	2.56N	128.58E	118-77	4.1,3.9		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=28.3km s-min=9.3km az=130.5.							
NEIC	Event type se. Error							

ISC	I	26 22 15 07.1-70	0.04S-04	127.47E-06	116-6	4.7b	99	7-152
BJI	I	26 22 15 00.1	0.73S	127.96E	121	5.1b,4.6b		¶18079352
ISCJB	I	26 22 15 05.8-79	0.03S-04	127.44E-06	119-7	4.7b,4.6b		
IDC	I	26 22 15 06.7-72	0.04S	127.42E	117-6	4.7,4.4		
MOS	I	26 22 15 06.8-1.0	0.1S	127.48E	131	4.8b,4.4		
HRVD	I	26 22 15 07.5-60	0.00N	127.46E	126-7	4.9W,4.4		
NEIC	I	26 22 15 07.5-25	0.05S	127.49E	121	4.9b,4.4		
MAN	I	26 22 16 29.5	6.10N	125.01E	162	5.8s,4.9L		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=10.7km s-min=5.7km az=149.4.							
IDC	Error ellipse: s-maj=18.8km s-min=9.4km az=72.0.							
MOS	Error ellipse: s-maj=16.3km s-min=9.1km az=116.3.							
HRVD	Error ellipse: s-maj=4.4km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.							
LP body waves: s5.c6; Mantle waves: s41.c57; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=0.07±.19 Mww2.09±.15; Mww=2.02±.19; Mw=0.54±.12; Mww.32±.17; Mw.1.02±.15; Best double couple: NP1:φ=223.00000°; δ64.00000°; λ=172.00000°; NP2:φ=129.00000°; δ83.00000°; λ=27.00000°. Principal axes: T 2.2210,Plg13.0000°; Azm179.0000°; N 0.2880,Plg63.0000°; Azm295.0000°; P -2.5130,Plg24.0000°; Azm83.0000°; M3.26700×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=8.8km s-min=5.0km az=67.0.							
ISC	I	21 07 45 14.0-66	1.9N-10	129.5E-30	39	4.1b	10	22-93
ISCJB	I	21 07 45 11.9-67	1.9N-10	129.4E-30	37	4.1b		¶19484411
NEIC	I	21 07 45 13.9-54	1.91N	129.50E	39	4.2b		
IDC	I	21 07 45 14.1-1.0	1.91N	129.52E	39-9	4.0,4.0		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=47.8km s-min=12.8km az=152.7.							
NEIC	Event type se. Error ellipse: s-maj=39.5km s-min=10.4km az=77.0.							
IDC	Error ellipse: s-maj=52.6km s-min=15.3km az=80.0.							
ISC	I	22 15 00 50.5-71	1.92N-10	128.9E-20	35	4.2b	13	20-60
IDC	I	22 15 00 44.8-1.1	1.84N	128.60E	0	4.0,3.9		¶19484899
ISCJB	I	22 15 00 48.1-71	1.9N-10	128.9E-20	33	4.2b,3.9		
IDC	VI	20 20 49 20.6-1.4	2.94N	128.12E	0	3.8,3.7		¶19600242
IDC	Error ellipse: s-maj=87.8km s-min=20.3km az=69.0.							
IDC	VI	22 08 27 43.0-11	1.78S	129.76E	0	4.0,3.9b		¶19600303
IDC	Error ellipse: s-maj=168.3km s-min=110.1km az=139.0.							
ISC	VI	23 14 13 37.0-3.6	1.5N-10	127.5E-20	189-34	3.8b	17	17-81
NEIC	VI	23 14 13 38.0-5.3	1.48N	127.61E	201-53	3.9b		¶19222499
IDC	VI	23 14 13 37.0-3.4	1.50N	127.72E	191-31	3.8,3.5		
ISCJB	VI	23 14 13 39.1-6.0	1.4N-20	127.4E-30	226-59	3.7b,3.5		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
IDC	VI	24 00 27 38.7-15	2.69N	128.74E	298-166	3.7,3.2		¶19600376
IDC	Error ellipse: s-maj=150.3km s-min=30.0km az=69.0.							
IDC	VI	24 10 03 56.5-1.8	1.93N	127.70E	0	3.9,3.7		¶19600385
IDC	Error ellipse: s-maj=95.7km s-min=23.6km az=68.0.							
ISC	VI	25 03 41 01.2-5.5	2.59N-08	128.3E-10	78-54	4.4b	31	20-82
BJI	VI	25 03 40 50.3	1.95N	128.62E	44	5.0b,4.7b		¶18650742
IDC	VI	25 03 40 51.6-7.6	2.66N	128.41E	0	4.4,4.2		
NEIC	VI	25 03 40 57.5-4.9	2.62N	128.18E	45-48	4.3b,4.2		
ISCJB	VI	25 03 41 00.0-6.5	2.61N-08	128.3E-10	84-63	4.4b,4.2		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	VI	28 00 25 52.8-6.5	1.79S-09	128.7E-10	35	4.0b	16	15-74
IDC	VI	28 00 25 48.1-2.0	1.83S	128.62E	0	4.0,3.9b		¶19222783
ISCJB	VI	28 00 25 50.4-6.5	1.75S-09	128.8E-10	33	4.0b,3.9b		
NEIC	VI	28 00 25 52.6-5.7	1.78S	128.71E	35	4.0b,3.9b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=118.2km s-min=23.8km az=71.0.							
ISCJB	Event type se. Error ellipse: s-maj=22.8km s-min=8.9km az=122.6.							
NEIC	Event type se. Error ellipse: s-maj=20.3km s-min=8.1km az=60.0.							
ISC	VI	01 05 46 42.8-7.7	1.31N-04	128.27E-05	121-7	4.7b	139	4-165
MOS	VI	01 05 46 36.7-1.1	1.37N	128.00E	79	5.1b		¶18449270
ISCJB	VI	01 05 46 41.6-8.8	1.30N-04	128.18E-05	126-8	4.7b		
BJI	VI	01 05 46 41.2	1.30N	128.20E	119	4.9b,4.9b		
NEIC	VI	01 05 46 42.6-1.3	1.31N	128.17E	120-12	4.9b,4.9b		
IDC	VI	01 05 46 43.5-2.8	1.30N	128.06E	128-25	4.5,4.1		
ISC	Event type se.							
MOS	Error ellipse: s-maj=13.7km s-min=6.4km az=106.9.							
ISCJB	Event type se. Error ellipse: s-maj=8.9km s-min=6.0km az=126.6.							
NEIC	Event type se. Error ellipse: s-maj=8.3km s-min=4.7km az=60.0.							
IDC	Error ellipse: s-maj=17.4km s-min=8.7km az=72.0.							
ISC	VI	01 12 01 12.1-4.1	2.3N-10	128.6E-20	189-43	4.0b	21	15-86
IDC	VI	01 12 01 09.0-8.9	2.25N	128.66E	159-91	4.0,3.7		¶19221274
ISCJB	VI	01 12 01 10.6-4.2	2.3N-10	128.5E-20	191-43	4.0b,3.7		
NEIC	VI	01 12 01 12.0-2.9	2.25N	128.56E	190-29	4.1b,3.7		
ISC	Event type se.							
IDC	Error ellipse: s-maj=39.7km s-min=16.2km az=76.0.							
ISCJB	Event type se. Error ellipse: s-maj=29.3km s-min=15.7km az=124.2.							
NEIC	Event type se. Error ellipse: s-maj=18.7km s-min=8.6km az=61.0.							
ISC	IV	29 08 31 24.4-37	1.92N-06	129.04E-09	35	4.5b	39	4-100
IDC	IV	29 08 31 19.5-67	1.90N	128.90E	0	4.4,4.2		¶18646725
NEIC	IV	29 08 31 21.6-4.0	1.90N	128.92E	15	4.6b,4.2		
ISCJB	IV	29 08 31 22.1-38	1.93N-06	128.99E-09	33	4.5b,4.2		
MOS	IV	29 08 31 22.0-1.1	1.94N	128.65E	33	4.7b,4.2		
ISC	Event type se.							
IDC	Error ellipse: s-maj=43.7km s-min=13.8km az=79.0.							
NEIC	Event type se. Error ellipse: s-maj=16.9km s-min=6.9km az=80.0.							
ISCJB	Event type se. Error ellipse: s-maj=14.0km s-min=6.7km az=134.8.							
MOS	Error ellipse: s-maj=35.0km s-min=11.0km az=100.3.							
ISC	VI	29 02 59 55.1-2.0	1.64N-08	127.4E-20	110-18	4.6b	33	12-124
BJI	VI	29 02 59 50.7	1.25N	127.62E	121	4.8b,4.8b		¶18505594
ISCJB	VI	29 02 59 54.3-2.6	1.63N-09	127.3E-20	119-24	4.6b,4.4b		
IDC	VI	29 02 59 54.5-2.9	1.70N	127.48E	113-24	4.5,4.3		
NEIC	VI	29 02 59 55.9-2.5	1.64N	127.34E	121-23	4.7b,4.3		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=29.4km s-min=8.0km az=130.8.							
IDC	Error ellipse: s-maj=65.2km s-min=11.4km az=71.0.							
NEIC	Event type se. Error ellipse: s-maj=26.7km s-min=6.3km az=64.0.							

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IDC	IV	07 15 58 14.1-1.7	2.45S	122.71E	0	3.7,3.5		¶19594421
IDC	Error ellipse: s-maj=187.0km s-min=25.7km az=62.0.							
IDC	VI	06 22 27 55.5-1.7	1.11S	122.14E	0	3.4,3.3		¶19599855
IDC	Error ellipse: s-maj=210.4km s-min=28.1km az=60.0.							
IDC	III	17 14 55 50.2-1.7	5.41S	122.48E	0	3.7,3.5b		¶10605449
IDC	Error ellipse: s-maj=271.5km s-min=26.7km az=58.0.							
IDC	III	17 15 48 44.4-1.7	5.56S	122.29E	0	4.0,3.8		¶10605473
IDC	Error ellipse: s-maj=320.7km s-min=25.3km az=58.0.							
ISC	III	03 18 55 33.0-8.6	1.07S-04	123.57E-06	91-8	4.8b	134	8-136
IDC	III	03 18 55 21.6-5.6	0.96S	123.38E	0	4.6,4.6		¶10596737
BJI	III	03 18 55 22.8	1.81S	123.84E	70	5.0b,5.0b		
MOS	III	03 18 55 25.1-1.0	0.94S	123.42E	33	5.0b,5.0b		
ISCJB	III	03 18 55 31.2-1.0	1.05S-04	123.54E-06	90-9	4.8b,5.0b		
NEIC	III	03 18 55 32.6-1.8	1.11S	123.48E	91-18	4.9b,5.0b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=23.6km s-min=14.0km az=61.0.							
MOS	Error ellipse: s-maj=13.8km s-min=7.4km az=110.9.							
ISCJB	Event type se. Error ellipse: s-maj=10.2km s-min=5.7km az=147.9.							
NEIC	Event type se. Error ellipse: s-maj=11.3km s-min=7.0km az=67.0.							
ISC	III	01 20 04 41.0-1.4	1.1S-60	122E-1.0	0	3.2b	4	22-59

ISCJB	III	01 20 04 38.9-1.4	1.2S-60	122E-1.0	0	3.2b		¶10595359
IDC	III	01 20 04 40.8-1.4	1.17S	122.40E	0	3.3,3.3		
ISCJB	Error ellipse: s-maj=204.8km s-min=20.6km az=128.5.							
IDC	Error ellipse: s-maj=152.8km s-min=22.8km az=65.0.							
ISC	II	03 23 28 19.2-30	1.21S-06	120.76E-06	27	4.6b,4.1s	95	8-161
ISCJB	II	03 23 28 16.9-30	1.20S-06	120.73E-06	25	4.6b,4.1s		¶18079820
MOS	II	03 23 28 17.8-1.2	1.08S	120.78E	33	4.8b,4.1s		
NEIC	II	03 23 28 18.5-4.3	1.10S	120.84E	26	4.7b,4.1s		
BJI	II	03 23 28 18.5	1.10S	120.80E	26	5.1b,4.8b		
IDC	II	03 23 28 21.8-68	1.15S	120.73E	55-6	4.6,4.4		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=10.8km s-min=5.7km az=99.3.							
MOS	Error ellipse: s-maj=17.3km s-min=8.6km az=119.3.							
NEIC	Event type fe. Error ellipse: s-maj=13.8km s-min=8.1km az=45.0. Felt [IV] at Poso and [III] at Palu.							
IDC	Error ellipse: s-maj=22.1km s-min=11.0km az=57.0.							
IDC	II	08 09 41 23.7-12	4.72S	122.74E	0	4.3L,4.3		¶19570228
IDC	Error ellipse: s-maj=226.7km s-min=177.6km az=48.0.							
IDC	II	16 12 55 47.1-78	3.4S-20	119.1E-20	35	3.8b	8	16-64
IDC	II	16 12 55 42.0-9.0	3.33S	119.10E	0	3.9,3.8		¶19571043
ISCJB	II	16 12 55 44.7-78	3.4S-20	119.0E-20	33	3.8b,3.8		
ISC	V	06 18 16 13.4-6.4	2.5S-20	120.7E-30	35	4.1b	12	10-70
IDC	V	06 18 16 08.8-1.5	1.91S	121.51E	0	4.0,3.8b		¶19130903
ISCJB	V	06 18 16 10.9-6.4	2.5S-20	120.6E-30	33	4.1b,3.8b		
NEIC	V	06 18 16 13.1-5.5	2.44S	120.70E	35	4.4b,3.8b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=188.8km s-min=21.5km az=63.0.							
ISCJB	Event type se. Error ellipse: s-maj=45.8km s-min=11.0km az=125.2.							
NEIC	Event type se. Error ellipse: s-maj=40.1km s-min=9.5km az=62.0.							
ISC	II	08 22 33 21.1-46	1.5S-10	120.4E-10	35	4.1b,4.1s	26	9-99
IDC	V	08 22 33 15.8-1.1	1.44S	120.41E	0	4.1,3.9		¶18647719
ISCJB	V	08 22 33 18.9-4.5	1.4S-10	120.4E-10	33	4.1b,4.1s		
NEIC	V	08 22 33 20.8-4.9	1.42S	120.42E	35	4.4b,4.1s		
BJI	V	08 22 33 20.6	1.21S	121.11E	35	4.3b,4.1s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=56.8km s-min=19.3km az=63.0.							
ISCJB	Event type se. Error ellipse: s-maj=25.3km s-min=7.0km az=113.7.							
NEIC	Event type se. Error ellipse: s-maj=27.9km s-min=9.1km az=56.0.							
IDC	I	10 04 51 03.9-1.5	2.22S	121.84E	0	3.9,3.8		¶19479792
IDC	Error ellipse: s-maj=157.3km s-min=22.4km az=62.0.							
IDC	I	22 02 58 51.3-1.9	1.43S	119.94E	0	3.9,3.7b		¶19484739
IDC	Error ellipse: s-maj=188.2km s-min=25.3km az=60.0.							
IDC	I	28 12 25 59.1-1.7	2.28S	120.25E	0	4.0s,3.9		¶19487111
IDC	Error ellipse: s-maj=179.5km s-min=21.5km az=61.0.							
ISC	I	06 04 36 09.3-3.8	3.1S-10	123.7E-20	76-38	4.3b	32	15-144
IDC	I	06 04 35 59.2-6.8	3.13S	123.48E	0	4.3b,4.3		¶18184973
MOS	I	06 04 36 03.7-9.3	3.08S	123.52E	44	4.7b,4.3		
ISCJB	I	06 04 36 09.2-4.4	3.1S-10	123.7E-20	94-43	4.3b,4.3		
NEIC	I	06 04 36 11.9-3.0	3.13S	123.61E	104-29	4.3b,4.3		
ISC	Event type se.							
IDC	Error ellipse: s-maj=39.0km s-min=15.4km az=59.0.							
MOS	Error ellipse: s-maj=32.1km s-min=11.5km az=119.4.</							

ISCJB	III	24 11 56 52.4-2.4	0.30S-07	124.8E-10	75-23	4.5b,4.5b			
NEIC	III	24 11 56 54.0-1.8	0.33S	124.79E	75-18	4.6b,4.5b			
BJI	III	24 11 56 53.9	0.30S	124.80E	74	5.1b,4.8b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=27.9km s-min=13.5km az=71.0.								
MOS	Error ellipse: s-maj=21.1km s-min=9.3km az=104.5.								
ISCJB	Event type se. Error ellipse: s-maj=18.3km s-min=8.8km az=131.7.								
NEIC	Event type se. Error ellipse: s-maj=17.2km s-min=7.4km az=65.0.								
IDC	VI	02 13 22 34.5-17	1.08S	126.51E	0	4.4,4.2			
IDC	Error ellipse: s-maj=264.1km s-min=145.2km az=154.0.								
IDC	II	02 14 20 54.7-1.7	0.29S	124.51E	0	3.5,3.4b			
IDC	Error ellipse: s-maj=233.9km s-min=24.0km az=62.0.								
IDC	II	02 17 05 35.6-1.1	0.41S	124.42E	0	3.7,3.6			
IDC	Error ellipse: s-maj=145.3km s-min=19.8km az=65.0.								
ISC	II	06 17 35 24.7-1.1	0.3S-30	125.4E-40	35	4.2b	9	21-60	
IDC	II	06 17 35 19.6-1.2	0.59S	124.63E	0	3.7,6			
ISCJB	II	06 17 35 22.3-1.1	0.3S-30	125.4E-40	33	4.2b,3.6			
IDC	II	07 19 20 23.4-1.3	0.32S	124.09E	0	3.7,3.6s			
IDC	Error ellipse: s-maj=141.3km s-min=21.9km az=66.0.								
IDC	II	08 11 28 46.2-1.9	0.02S	125.70E	0	3.4,3.3			
IDC	Error ellipse: s-maj=192.7km s-min=25.4km az=64.0.								
IDC	II	12 00 54 02.7-1.8	0.97S	124.34E	0	3.6,3.4			
IDC	Error ellipse: s-maj=209.4km s-min=26.7km az=63.0.								
ISC	II	15 19 01 51.5-66	0.05S-03	124.31E-05	103-6	4.8b	146	5-163	
BJI	II	15 19 01 37.5	0.79S	124.86E	53	5.1s,5.0b			
IDC	II	15 19 01 49.8-2.2	0.04S	124.23E	87-19	4.9,4.6			
ISCJB	II	15 19 01 49.9-80	0.03S-03	124.30E-05	105-7	4.8b,4.6			
MOS	II	15 19 01 50.5-1.0	0.03N	124.27E	109	4.9b,4.6			
NEIC	II	15 19 01 50.6-1.4	0.01S	124.28E	93-13	4.9b,4.6			
HRVD	II	15 19 01 50.6-50	0.00N	124.54E	62-3	4.8W,4.6			
ISC	Event type se.								
IDC	Error ellipse: s-maj=14.5km s-min=7.4km az=70.0.								
ISCJB	Event type se. Error ellipse: s-maj=8.4km s-min=5.2km az=151.7.								
MOS	Error ellipse: s-maj=14.4km s-min=7.4km az=110.4.								
NEIC	Event type se. Error ellipse: s-maj=10.0km s-min=5.5km az=64.0.								
HRVD	Error ellipse: s-maj=5.6km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s116,c17; Mantle waves: s38,c54;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mrr1.74±.17; Mrr2.0.38±.11; Mrr3.1.37±.15; Mrr4.0.51±.06; Mrr5.0.64±.10; Mrr6.0.38±.11; Best double couple: NP1:φ:222.00000°;δ46.00000°;λ115.00000°; NP2:φ:9.00000°;δ80.00000°;λ67.00000°; Principal axes: T 1.9370,Plg73.0000°;AzM212.0000°; N -0.2540,Plg17.0000°;AzM25.0000°; P -1.6910,Plg2.0000°;AzM115.0000°; M1.81400×10 ¹⁶								
ISC	II	19 14 59 39.8-2.8	0.21S-10	124.4E-20	66-32	3.8b	11	10-88	
IDC	II	19 14 59 31.8-97	0.3S	124.41E	0	4.0,3.8b			
NEIC	II	19 14 59 37.0-59	0.19S	124.55E	35	4.0b,3.8b			
ISCJB	II	19 14 59 39.0-3.9	0.3S-10	124.3E-30	78-42	3.8b,3.8b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	II	19 21 58 04.0-71	0.2S-30	124.7E-50	35	4.0b	9	22-122	
IDC	II	19 21 57 58.6-1.0	0.29S	124.56E	0	3.9,3.8b			
ISCJB	II	19 21 58 01.6-71	0.2S-30	124.7E-50	33	4.0b,3.8b			
NEIC	II	19 21 58 03.9-70	0.20S	124.71E	35	4.4b,3.8b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=166.9km s-min=18.4km az=65.0.								
ISCJB	Event type se. Error ellipse: s-maj=82.4km s-min=12.4km az=125.1.								
NEIC	Event type se. Error ellipse: s-maj=84.3km s-min=12.2km az=63.0.								
ISC	II	12 12 11 34.8-61	0.1S-10	126.3E-30	35	3.9b	17	21-71	
IDC	II	12 12 11 29.4-1.1	0.05S	126.41E	0	3.9,3.8b			
NEIC	II	12 12 11 30.9-53	0.09S	126.21E	10	4.1b,3.8b			
ISCJB	II	12 12 11 32.4-61	0.1S-10	126.2E-30	33	3.9b,3.8b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
IDC	IV	02 14 25 12.6-1.5	0.33S	125.38E	0	3.6,3.5			
IDC	Error ellipse: s-maj=178.3km s-min=22.0km az=64.0.								
IDC	IV	09 08 53 47.9-16	0.42S	125.08E	0	3.6,3.4b			
IDC	Error ellipse: s-maj=262.3km s-min=176.9km az=161.0.								
ISC	V	16 14 16 22.3-17	0.19S-03	125.15E-04	35	5.5b,4.9s	331	5-168	
BJI	V	16 14 16 12.4	0.91S	125.51E	25	5.7b,5.5b			
ISCJB	V	16 14 16 20.2-17	0.22S-03	125.11E-04	33	5.5b,4.9s			
NEIC	V	16 14 16 20.8-2.0	0.12S	125.11E	25-14	5.4b,4.9s			
MOS	V	16 14 16 20.8-97	0.04S	125.04E	33	5.7b,4.9s			
IDC	V	16 14 16 21.7-2.0	0.13S	125.07E	31-13	5.1,5.0b			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=5.4km s-min=3.5km az=134.1.								
NEIC	Event type fe. Error ellipse: s-maj=7.1km s-min=4.3km az=60.0. Felt at Tomohon, Indonesia.								
MOS	Error ellipse: s-maj=10.7km s-min=5.5km az=116.4.								
IDC	Error ellipse: s-maj=17.1km s-min=9.9km az=76.0.								
ISC	V	19 14 44 27.0-13	0.30S-02	124.85E-02	58	5.9b,5.7s	579	5-168	
NEIC	V	19 14 44 24.9-11	0.14S	124.71E	35	6.1W,6.0b			
IDC	V	19 14 44 24.3-1.1	0.18S	124.81E	37-7	5.7,5.7s			
ISCJB	V	19 14 44 25.0-13	0.29S-02	124.83E-02	56	5.9b,5.7s			
HRVD	V	19 14 44 24.9-10	0.24S	124.92E	31-0	6.3W,5.7s			
MOS	V	19 14 44 24.3-1.3	0.06N	124.63E	33	6.2b,5.7s			
BJI	V	19 14 44 24.9	0.10S	124.70E	35	6.0b,5.8s			
ISC	Event type fe.								
NEIC	Event type fe. Error ellipse: s-maj=5.1km s-min=3.6km az=72.0. Felt [III] at Manado, Indonesia. Also felt at Tomohon, Indonesia. Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism. Moment Tensor Solution. s33 Moment tensor: Scale 10 ¹⁸ Nm; Mrr0.99; Mrr1.00; Mrr2.06; Mrr3.06; Mrr4.08; Mrr5.25; Best double couple: NP1:φ:267.00000°;δ71.00000°;λ121.00000°; NP2:φ:120.00000°;δ36.00000°;λ34.00000°; Principal axes: T 1.8800,Plg53.0000°;AzM309.0000°; N -0.0400,Plg29.0000°;AzM170.0000°; P -2.9470,Plg20.0000°;AzM137.0000°; M1.90000×10 ¹⁸								
IDC	Error ellipse: s-maj=9.8km s-min=6.9km az=67.0.								
ISCJB	Event type fe. Error ellipse: s-maj=3.6km s-min=2.4km az=147.3.								
HRVD	Error ellipse: s-maj=1.1km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s116,c281; Mantle waves: s112,c363;Half duration: 3s4 Moment tensor: Scale 10 ¹⁸ Nm; Mrr1.68±.02; Mrr2.1.62±.01; Mrr3.0.05±.02; Mrr4.0.07±.03; Mrr5.1.46±.01; Mrr6.2.52±.04; Best double couple: NP1:φ:267.00000°;δ71.00000°;λ121.00000°; NP2:φ:120.00000°;δ36.00000°;λ34.00000°; Principal axes: T 3.6420,Plg51.0000°;AzM254.0000°; N -0.6880,Plg32.0000°;AzM34.0000°; P -2.9470,Plg20.0000°;AzM137.0000°; M1.3.29500×10 ¹⁸								
MOS	Error ellipse: s-maj=8.9km s-min=4.6km az=114.1.								
IDC	V	19 20 47 19.2-1.5	0.24S	124.93E	0	3.5,3.4			
IDC	Error ellipse: s-maj=183.1km s-min=25.5km az=63.0.								
IDC	V	24 08 18 20.8-2.8	1.43S	125.59E	0	3.6,3.4			
IDC	Error ellipse: s-maj=415.7km s-min=26.1km az=64.0.								
ISC	V	11 11 55 15.9-97	0.24S-06	125.17E-07	88-10	4.5b	55	5-94	
MOS	V	11 11 55 10.5-73	0.16S	125.03E	52	4.7b			
IDC	V	11 11 55 12.0-4.6	0.22S	124.94E	48-46	4.3,4.1b			
ISCJB	V	11 11 55 13.9-1.2	0.24S-06	125.14E-07	87-12	4.5b,4.1b			
NEIC	V	11 11 55 15.1-2.4	0.20S	125.27E	82-23	4.4b,4.1b			
BJI	V	11 11 55 15.0	0.20S	125.30E	81	4.9b,4.8b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=36.3km s-min=11.1km az=115.9.								
IDC	Error ellipse: s-maj=34.8km s-min=10.4km az=71.0.								
ISCJB	Event type se. Error ellipse: s-maj=12.5km s-min=8.3km az=115.3.								

NEIC	Event type se. Error ellipse: s-maj=19.3km s-min=8.6km az=61.0.								
IDC	V	11 16 55 28.2-1.4	0.00S	125.43E	0	4.0,3.9b			
IDC	Error ellipse: s-maj=117.5km s-min=19.2km az=65.0.								
IDC	I	18 03 23 42.7-1.6	0.10S	125.92E	0	3.8,3.7			
IDC	Error ellipse: s-maj=131.9km s-min=28.4km az=67.0.								
ISC	I	25 13 56 20.0-70	0.77S-04	124.21E-05	109-6	4.8b	122	4-126	
IDC	I	25 13 56 06.3-72	0.70S	124.04E	0	4.6,4.6			
MOS	I	25 13 56 11.4-1.1	0.67S	124.07E	45	5.1b,4.6			
BJI	I	25 13 56 17.3	1.11S	124.40E	134	5.1b,4.9b			
ISCJB	I	25 13 56 17.9-76	0.77S-04	124.19E-05	106-7	4.8b,4.9b			
NEIC	I	25 13 56 18.9-1.7	0.78S	124.14E	103-17	4.8b,4.9b			
MAN	I	25 13 57 51.8	6.39N	123.40E	21	4.2s,3.9L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=25.8km s-min=16.2km az=62.0.								
MOS	Error ellipse: s-maj=16.3km s-min=8.0km az=109.5.								
ISCJB	Event type se. Error ellipse: s-maj=9.8km s-min=5.8km az=118.1.								
NEIC	Event type se. Error ellipse: s-maj=13.5km s-min=7.0km az=61.0.								
IDC	I	25 16 02 54.0-1.3	1.02S	126.85E	0	3.8,3.7			
IDC	Error ellipse: s-maj=135.6km s-min=22.8km az=67.0.								
ISC	V	16 14 50 38.2-5.6	0.2S-10	125.2E-20	106-58	4.1b	13	18-94	
IDC	V	16 14 50 25.9-88	0.16S	125.04E	0	4.2,4.1b			
NEIC	V	16 14 50 31.3-60	0.07S	125.22E	35	4.7b,4.1b			
ISCJB	V	16 14 50 37.0-6.0	0.2S-10	125.2E-20	113-63	4.1b,4.1b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
IDC	VI	26 07 02 09.2-1.2	0.03S	124.07E	0	3.9,3.7			
IDC	Error ellipse: s-maj=168.1km s-min=20.4km az=66.0.								
(270) Ceram Sea.									
ISC	IV	17 03 48 36.6-2.0	2.70S-08	128.9E-20	38-19	4.2b,2.8s	17	15-77	
IDC	IV	17 03 48 31.4-1.2	2.68S	128.87E	0	4.2,4.1L			
ISCJB	IV	17 03 48 34.2-66	2.66S-08	128.9E-20	35	4.2b,2.8s			
NEIC	IV	17 03 48 36.2-50	2.69S	128.85E	35	4.2b,2.8s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=103.3km s-min=20.3km az=74.0.								
ISCJB	Event type se. Error ellipse: s-maj=25.6km s-min=8.4km az=138.8.								
NEIC	Event type se. Error ellipse: s-maj=19.0km s-min=6.6km az=70.0.								
ISC	IV	17 18 04 23.6-2.1	2.6S-10	127.7E-30	51-20	4.3b	20	11-74	
ISCJB	IV	17 18 04 21.9-58	2.6S-10	127.4E-30	50	4.3b			
NEIC	IV	17 18 04 23.4-48	2.64S	127.58E	50	4.3b			
BJI	IV	17 18 04 24.1	1.99S	127.63E	20	4.5b			
IDC	IV	17 18 04 25.8-4.5	2.65S	127.74E	72-42	3.9,3.			

ISC	III	04 10 44 52.0-26	4.04S-06	104.55E-07	255	4.5b	109	4-159	MOS	VI	10 11 14 25.2-90	4.04S	102.39E	33	4.5b,4.2b	
ISCJB	III	04 10 44 50.1-26	4.05S-06	104.55E-07	253	4.5b			NEIC	VI	10 11 14 26.6-50	4.16S	102.39E	30	4.8b,4.2b	
MOS	III	04 10 44 50.7-11	3.90S	104.75E	260	4.4b			ISC	Event type se.						
NEIC	III	04 10 44 51.5-26	3.95S	104.66E	252	4.5b			IDC	Error ellipse: s-maj=47.2km s-min=13.5km az=52.0.						
BJI	III	04 10 44 51.4	4.00S	104.70E	251	4.4b,4.4b			ISCJB	Event type se. Error ellipse: s-maj=31.3km s-min=8.6km az=95.8.						
IDC	III	04 10 44 51.8-57	3.97S	104.68E	254-5	4.8,4.3			MOS	Error ellipse: s-maj=23.9km s-min=10.7km az=122.4.						
ISC	Event type se.									NEIC	Event type se. Error ellipse: s-maj=19.5km s-min=6.4km az=49.0. Felt [II] at Bengkulu.					
ISCJB	Event type se. Error ellipse: s-maj=11.3km s-min=4.3km az=100.7.									IDC	II 02 17 41 23.5-18 1.44S 99.98E 78-92 3.4,3.4					
MOS	Error ellipse: s-maj=22.6km s-min=8.9km az=119.3.									ISC	Error ellipse: s-maj=52.2.3km s-min=23.6km az=54.0.					
NEIC	Event type se. Error ellipse: s-maj=15.8km s-min=5.2km az=54.0.									ISC	II 05 09 29 25.3-5.7 5.4S-10 103.7E-20 66-56 4.2b 32 22-145					
IDC	Error ellipse: s-maj=17.7km s-min=7.7km az=55.0.									MOS	II 05 09 29 20.3-7.7 5.20S 103.86E 33 4.5b					
ISC	III 05 02 09 57.7-7.6 1.9S-10 99.5E-20 35 4.4b,3.9s 31 5-86									NEIC	II 05 09 29 21.2-5.3 5.42S 103.76E 30 4.2b					
IDC	III 05 02 09 47.2-1.1 1.85S 99.51E 0 4.3,4.2									ISCJB	II 05 09 29 22.8-6.4 5.4S-10 103.8E-10 59 4.3b					
ISCJB	III 05 02 09 50.6-7.6 1.8S-10 99.6E-20 33 4.4b,3.9s									IDC	II 05 09 29 24.6-9.3 5.46S 103.76E 60-6 4.2,4.0					
MOS	III 05 02 09 50.9-1.3 1.65S 99.76E 33 4.6b,3.9s									ISC	Event type se.					
BJI	III 05 02 09 52.2 2.25S 99.27E 66 5.1b,4.9b									MOS	Error ellipse: s-maj=33.8km s-min=15.9km az=111.4.					
NEIC	III 05 02 09 52.5-63 1.84S 99.57E 37 4.5b,4.9b									NEIC	Event type se. Error ellipse: s-maj=23.2km s-min=7.5km az=51.0.					
ISC	Event type se.									ISCJB	Event type se. Error ellipse: s-maj=27.2km s-min=8.1km az=98.9.					
IDC	Error ellipse: s-maj=57.0km s-min=14.4km az=54.0.									IDC	Error ellipse: s-maj=34.1km s-min=15.0km az=51.0.					
ISCJB	Event type se. Error ellipse: s-maj=27.3km s-min=8.8km az=119.6.									ISC	II 08 23 26 14.3-1.0 5.8S-20 102.3E-30 35 4.2b 13 30-146					
MOS	Error ellipse: s-maj=24.1km s-min=11.8km az=115.5.									IDC	II 08 23 26 07.9-3.4 5.93S 102.09E 0 4.2,4.0b					
NEIC	Event type se. Error ellipse: s-maj=23.5km s-min=7.3km az=58.0. Felt [II] at Padangpanjang, Sumatra.									ISCJB	II 08 23 26 11.8-1.0 5.8S-20 102.3E-30 33 4.2b,4.0b					
ISC	III 05 04 37 44.5-3.1 4.7S-50 101.9E-70 35 4.0b 6 35-59									NEIC	II 08 23 26 13.4-8.0 5.82S 102.28E 30 4.2b,4.0b					
IDC	III 05 04 37 39.7-4.1 4.60S 102.02E 0 3.8,3.7b									ISC	Event type se.					
ISCJB	III 05 04 37 41.7-3.0 4.7S-50 101.9E-70 33 4.0b,3.7b									IDC	Error ellipse: s-maj=145.8km s-min=22.5km az=55.0.					
NEIC	III 05 04 37 43.8-2.5 4.63S 101.98E 30 4.3b,3.7b									ISCJB	Event type se. Error ellipse: s-maj=47.9km s-min=11.7km az=108.4.					
ISC	Event type se.									NEIC	Event type se. Error ellipse: s-maj=38.6km s-min=9.3km az=54.0.					
IDC	Error ellipse: s-maj=168.7km s-min=23.3km az=55.0.									ISC	II 09 08 55 31.7-2.2 1.9S-30 99.6E-50 35 3.7b 9 5-145					
ISCJB	Event type se. Error ellipse: s-maj=120.3km s-min=19.2km az=109.8.									IDC	II 09 08 55 26.3-1.9 2.02S 99.53E 0 3.7,3.6b					
MOS	Error ellipse: s-maj=104.0km s-min=16.1km az=55.0.									NEIC	II 09 08 55 26.5-1.3 2.12S 99.41E 8-74 4.1b,3.6b					
NEIC	Event type se. Error ellipse: s-maj=23.5km s-min=7.3km az=58.0. Felt [II] at Padangpanjang, Sumatra.									ISCJB	II 09 08 55 29.0-2.1 1.9S-30 99.6E-50 33 3.7b,3.6b					
IDC	VI 01 07 45 29.9-3.2 2.24S 102.04E 181-40 3.5,3.1									ISC	Event type se.					
ISC	Error ellipse: s-maj=127.7km s-min=17.4km az=56.0.									NEIC	Event type se.					
ISC	VI 25 15 09 52.8-25 4.78S-04 102.06E-04 50 4.9b,4.0s 177 1-151									ISCJB	Event type se.					
BJI	VI 25 15 09 44.2 5.53S 102.17E 48 4.9b,4.8b									IDC	II 11 13 25 47.6-4.2 2.59S 101.72E 0 3.7,3.5b					
ISCJB	VI 25 15 09 50.6-25 4.78S-04 102.05E-04 48 4.9b,4.0s									IDC	Error ellipse: s-maj=226.4km s-min=28.3km az=53.0.					
MOS	VI 25 15 09 51.4-1.3 4.67S 102.22E 52 5.1b,4.0s									IDC	II 21 09 52 02.0-3.9 4.49S 102.52E 0 3.5,3.4b					
HRVD	VI 25 15 09 52.3-50 4.69S 101.97E 59-4 4.8W,4.0s									ISC	Error ellipse: s-maj=157.2km s-min=24.0km az=55.0.					
IDC	VI 25 15 09 52.3-57 4.77S 102.06E 46-5 4.7,4.5									IDC	IV 01 14 31 54.3-2.6 1.18S 103.49E 0 3.8,3.6b					
NEIC	VI 25 15 09 52.3-25 4.75S 102.15E 48 5.0b,4.5									IDC	Error ellipse: s-maj=129.4km s-min=19.5km az=58.0.					
SZGRF	VI 25 15 10 04.4 4.97S 102.06E 33 4.8b,4.5									IDC	IV 15 06 41 02.0-5.6 1.47S 103.05E 0 3.6,3.4b					
ISC	Event type se.									IDC	Error ellipse: s-maj=324.4km s-min=28.7km az=53.0.					
ISCJB	Event type se. Error ellipse: s-maj=6.6km s-min=3.7km az=97.5.									IDC	V 21 13 24 35.4-4.0 2.83S 101.53E 0 3.6,3.5b					
MOS	Error ellipse: s-maj=11.8km s-min=7.0km az=111.3.									ISC	Error ellipse: s-maj=165.9km s-min=24.2km az=56.0.					
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s13,c15; Mantle waves: s54,c64; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:0.60±.18 Mw:1.12±.13; M ₀ :0.52±.16; M ₁ :0.28±.08; M ₂ :0.96±.09; M ₃ :1.38±.09; Best double couple: NP1:0.103,0.0000°; 842.00000°; 1.62.00000°; NP2:0.206,0.0000°; 878.00000°; 149.00000°; Principal axes: T: 2.0180,Plg42.0000°; Azm78.0000°; N: -0.1130,Plg40.0000°; Azm217.0000°; P: -1.9000,Plg22.0000°; Azm326.0000°; M1:95900×10 ¹⁶															
IDC	Error ellipse: s-maj=16.6km s-min=9.4km az=50.0.									ISC	V 24 10 55 16.2-1.4 4.47S-08 102.10E-09 59-14 4.6b 49 8-147					
NEIC	Event type se. Error ellipse: s-maj=9.7km s-min=5.6km az=53.0. Felt [III] at Manna and [II] at Bengkulu.									IDC	V 24 10 55 07.3-1.2 4.65S 101.85E 0 4.5,4.4					
SZGRF	Southern Sumatra, Indonesia.									MOS	V 24 10 55 10.5-89 4.50S 102.03E 33 4.7b,4.4					
IDC	VI 03 08 45 23.1-2.0 2.48S 104.56E 0 3.8,3.7L									NEIC	V 24 10 55 12.9-39 4.45S 102.14E 30 4.7b,4.4					
ISC	Error ellipse: s-maj=223.5km s-min=31.0km az=41.0.									ISCJB	V 24 10 55 13.4-1.9 4.47S-08 102.09E-09 54-19 4.6b,4.4					
ISC	VI 07 08 22 50.4-40 1.97S-06 100.37E-07 41 4.8b,4.0s 85 2-148									ISC	Event type se.					
ISCJB	VI 07 08 22 48.4-41 1.89S-06 100.48E-08 39 4.8b,4.0s									NEIC	Event type se.					
BJI	VI 07 08 22 48.6 2.00S 100.48E 30 4.9b,4.9b									ISCJB	Event type se.					
NEIC	VI 07 08 22 48.6-32 1.99S 100.37E 30 4.9b,4.9b									IDC	Error ellipse: s-maj=261.5km s-min=28.3km az=54.0.					
MOS	VI 07 08 22 50.5-1.1 1.65S 100.74E 54 5.2b,4.9b									IDC	V 10 12 05 45.1-5.0 1.67S 100.09E 0 3.6,3.4b					
IDC	VI 07 08 22 52.2-3.9 1.81S 100.55E 58-35 4.5,4.4									IDC	Error ellipse: s-maj=186.3km s-min=31.6km az=56.0.					
ISC	Event type se.									IDC	V 13 06 30 34.9-4.1 2.24S 100.04E 0 3.9s,3.8					
ISCJB	Event type se. Error ellipse: s-maj=12.5km s-min=6.7km az=108.9.									IDC	Error ellipse: s-maj=165.9km s-min=23.4km az=57.0.					
NEIC	Event type se. Error ellipse: s-maj=16.6km s-min=6.3km az=57.0. Felt [III] at Padang and [II] at Bengkulu.									IDC	V 23 06 48 06.7-3.5 4.99S 103.53E 21-6 3.6,3.6					
MOS	Error ellipse: s-maj=21.0km s-min=8.0km az=113.3.									IDC	Error ellipse: s-maj=180.8km s-min=19.5km az=51.0.					
IDC	Error ellipse: s-maj=33.2km s-min=12.6km az=52.0.									IDC	V 31 06 49 47.3-5.0 2.12S 100.46E 0 3.6,3.4b					
ISC	III 05 20 46 58.7-27 4.60S-04 101.40E-04 26 4.9b,4.3s 173 2-150									ISC	Error ellipse: s-maj=190.6km s-min=30.4km az=55.0.					
IDC	III 05 20 46 54.1-8.0 4.58S 101.35E 0 4.7b,4.7									ISC	V 04 07 09 57.9-3.1 1.5S-40 100.7E-40 47-22 4.3b 16 5-145					
BJI	III 05 20 46 56.8 4.74S 101.43E 37 5.1b,5.0b									NEIC	V 04 07 09 53.9-1.1 1.93S 100.25E 30 4.5b					
ISCJB	III 05 20 46 56.4-28 4.58S-04 101.40E-04 25 4.9b,4.3s									ISCJB	V 04 07 09 56.2-3.3 1.5S-30 100.8E-40 47-24 4.3b					
MOS	III 05 20 46 58.7-1.1 4.28S 101.61E 33 5.1b,4.3s									IDC	V 04 07 09 58.1-5.1 1.62S 100.57E 55-39 4.1,4.0					
NEIC	III 05 20 46 59.1-27 4.55S 101.45E 30 5.0b,4.3s									ISC	Event type se.					
HRVD	III 05 20 46 59.1-1.1 4.59S 101.54E 36-1 4.8W,4.3s									NEIC	Event type se. Error ellipse: s-maj=54.0km s-min=10.5km az=55.0. Felt [II] at Padang.					
ISC	Event type se.									ISCJB	Event type se. Error ellipse: s-maj=89.1km s-min=14.2km az=100.2.					
IDC	Error ellipse: s-maj=31.5km s-min=11.5km az=46.0.									IDC	Error ellipse: s-maj=87.4km s-min=15.9km az=54.0.					
ISCJB	Event type se. Error ellipse: s-maj=7.0km s-min=5.1km az=96.6.									ISC	V 04 01 32 22.4-46 4.7S-10 103.1E-10 35 4.6b 49 17-143					
MOS	Error ellipse: s-maj=12.5km s-min=6.1km az=110.0.									IDC	V 04 01 32 16.7-62 4.78S 103.07E 0 4.6,4.5b					
NEIC	Event type se. Error ellipse: s-maj=9.4km s-min=5.7km az=53.0. Felt [II] at Bengkulu.									ISCJB	V 04 01 32 20.1-46 4.7S-10 103.2E-10 33 4.6b,4.5b					
HRVD	Error ellipse: s-maj=8.9km s-min=6.7km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s17,c24; Mantle waves: s28,c41; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:1.48±.21 Mw:0.98±.12; M ₀ :0.50±.20; M ₁ :0.76±.10; M ₂ :1.16±.11; M ₃ :1.00±.17; Best double couple: NP1:0.327,0.0000°; 837.00000°; 1.118.00000°; NP2:0.113,0.0000°; 858.00000°; 170.00000°; Principal axes: T: 1.7230,Plg70.0000°; Azm339.0000°; N: 0.3240,Plg17.0000°; Azm124.0000°; P: -2.0480,Plg11.0000°; Azm217.0000°; M1:88500×10 ¹⁶															
ISC	III 05 21 16 10.4-28 4.56S-04 101.42E-04 30 4.8b,4.2s 142 1-150									SZGRF	V 08 09 16 55.3 5.02S 102.62E 36 6.1b,5.6s					
BJI	III 05 21 16 07.5 4.86S 101.42E 41 5.1b,4.9b									MOS	V 08 09 16 55.6-1.0 4.70S 102.45E 33 6.0b,5.6s					
ISCJB	III 05 21 16 07.9-29 4.56S-04 101.40E-05 28 4.8b,4.2s									ISCJB	V 08 09 16 56.1-1.5 4.86S-03 102.34E-03 41 5.7s,5.7b					
MOS	III 05 21 16 09.2-96 4.41S 101.51E 33 5.0b,4.2s									BJI	V 08 09 16 57.8 4.80S 102.40E 42 6.1s,5.9s					
IDC	III 05 21 16 10.6-4.0 4.46S 101.51E 30-27 4.6,4.5									HRVD	V 08 09 16 57.9-10 5.24S 102.08E 39-0 5.9W,5.9s					
NEIC	III 05 21 16 10.0-26 4.57S 101.41E 29 4.9b,4.5									IDC	V 08 09 16 57.2-4.0 4.87S 102.33E 40-3 5.6s,5.6					
HRVD	III 05 21 16 10.0-90 4.56S 101.39E 28-3 4.9W,4.5									NEIC	V 08 09 16 57.1-13 4.85S 102.35E 36 5.8W,5.8b					
ISC	Event type se.									ISC	Event type se.					
ISCJB	Event type se. Error ellipse: s-maj=7.4km s-min=5.2km az=96.5.									SZGRF	Southern Sumatra, Indonesia.					
MOS	Error ellipse: s-maj=11.8km s-min=6.4km az=109.4.									MOS	Error ellipse: s-maj=8.6km s-min=4.0km az=119.9.					
IDC	Error ellipse: s-maj=30.6km s-min=12.2km az=44.0.									ISCJB	Event type se. Error ellipse: s-maj=3.9km s-min=3.4km az=71.4.					
NEIC	Event type se. Error ellipse: s-maj=9.0km s-min=5.7km az=60.0. Felt [II] at Bengkulu.									HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s99,c210; Mantle waves: s97,c294; Half duration: 251 Moment tensor: Scale 10 ¹⁷ Nm; Mr:4.98±.07 Mw:0.41±.06; M ₀ :0.87±.07; M ₁ :0.47±.09; M ₂ :3.79±.05; M ₃ :2.09±.09; Best double couple: NP1:0.315,0.0000°; 825.00000°; 1.108.00000°; NP2:0.115,0.0000°; 866.00000°; 182.00000°; Principal axes: T: 7.0530,Plg32.0000°; Azm10.0000°; N: 1.5120,Plg8.0000°; Azm119.0000°; P: -8.5630,Plg21.0000°; Azm212.0000°; M1:80800×10 ¹⁷					
ISC	III 12 12 38 42.0-1.0 3.2S-20 101.1E-20 35 4.0b 8 23-62									IDC	Error ellipse: s-maj=11.7km s-min=7.1km az=40.0.					
IDC	III 12 12 38 37.8-2.9 2.99S 101.35E 0 4.1,3.9b									NEIC	Event type se. Error ellipse: s-maj=5.4km s-min=3.0km az=46.0. Felt [III] at Bengkulu and [II] at Kapahiang. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s25 Moment tensor: Scale 10 ¹⁷ Nm; Mr:3.93 Mw:1.98 Mw:1.95 Mw:3.91 Mw:1.50 Mw:1.49 Best double couple: NP1: 0.118,0.0000°; 870.00000°; 1.80.00000°; NP2:0.324,0.0000°; 823.00000°; 1.115.00000°; Principal axes: T: 5.9300,Plg64.0000°; Azm12.0000°; N: -0.7500,Plg9.0000°; Azm121.0000°; P: -5.1800,Plg24.0000°; Azm215.0000°; M5:60000×10 ¹⁷ Moment Tensor Solution. Broadband fault plane solution: P waves: NP1:0.322,0.0000°; 822.00000°; 1.116.00000°; NP2: 0.115,0.0000°; 870.00000°; 1.80.00000°; Principal axes: T: Plg64.0000°; Azm9.0000°; N: Plg0.0000°; Azm0.0000°; P: Plg24.0000°; Azm213.0000°					
ISCJB	III 12 12 38 39.8-1.0 3.2S-20 101.1E-20 33 4.0b,3.9b									ISC	V 09 00 10 43.5-86 3.62S-06 101.22E-06 43-7 4.6b,3.8s 93 1-147					
NEIC	III 12 12 38 41.0-76 3.27S 101.04E 30 4.2b,3.9b									NEIC	V 09 00 12 41.7-40 3.62S 101.25E 30 4.6b,3.8s					
ISC	Event type se.									MOS	V 09 00 12 41.4-1.3 3.33S 101.46E 33 4.8b,3.8s					
IDC	Error ellipse: s-maj=135.0km s-min=19.1km az=53.0.									BJI	V 09 00 12 41.7 3.60S 101.30E 30 5.1b,4.8b					
ISCJB	Event type se. Error ellipse: s-maj=44.1km s-min=14.6km az=88.9.									IDC	V 09 00 12 44.0-70 3.37S 101.56E 44-6 4.5,4.4					
NEIC	Event type se. Error ellipse: s-maj=33.0km s-min=10.9km az=223.0.									ISC	Event type se.					
ISC	IV 23 14 44 09.5-91 3.85S-07 101.83E-09 61-8 4.5b 32 1-144															

NEIC	VI	02 19 58 54.7-1.2	7.52S	106.11E	10	4.3b,3.8b			
ISCJB	VI	02 19 58 56.5-1.5	7.4S-40	106.3E-40	33	3.8b,3.8b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
NEIC	VI	01 23 45 43.2-77	8.00S	110.38E	35	4.0b			
NEIC	Event type fe. Error ellipse: s-maj=27.1km s-min=12.5km az=71.0. Felt [III] at Yogyakarta and [II] at Klaten.								
ISC	VI	30 00 22 18.1-8.6	7.1S-40	109.0E-40	15-57	3.8b	9	15-69	
IDC	VI	30 00 22 15.5-14	7.10S	108.97E	0	4.0,3.9b			¶19222860
ISCJB	VI	30 00 22 17.1-7.1	7.1S-40	109.0E-40	25-55	3.8b,3.9b			
NEIC	VI	30 00 22 20.5-1.1	7.14S	108.96E	35	3.8b,3.9b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=235.7km s-min=159.0km az=142.0.								
ISCJB	Event type se. Error ellipse: s-maj=96.0km s-min=14.5km az=101.0.								
NEIC	Event type se. Error ellipse: s-maj=59.1km s-min=9.0km az=51.0.								
ISC	VI	24 16 38 37.4-1.3	8.5S-20	109.6E-30	35	3.9b	14	16-67	
IDC	VI	24 16 38 33.4-2.4	8.23S	109.96E	0	3.8,3.6L			¶19222541
ISCJB	VI	24 16 38 34.8-1.2	8.5S-20	109.6E-30	33	3.9b,3.6L			
NEIC	VI	24 16 38 36.6-1.1	8.10S	110.27E	10	4.7b,3.6L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=110.8km s-min=19.3km az=54.0.								
ISCJB	Event type se. Error ellipse: s-maj=47.7km s-min=11.8km az=110.4.								
NEIC	Event type se. Error ellipse: s-maj=35.8km s-min=15.4km az=60.0.								
ISC	VI	02 16 45 42.0-2.1	8.4S-20	110.0E-40	35	3.8b	17	1-38	
NEIC	VI	02 16 45 29.2-3.2	8.21S	109.01E	10	4.2b			¶19221333
IDC	VI	02 16 45 33.0-1.2	7.51S	110.12E	0	3.9,3.7b			
ISCJB	VI	02 16 45 39.0-2.3	8.5S-20	109.8E-40	33	3.8b,3.7b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	III	10 09 26 03.4-22	7.79S-04	107.74E-05	65	4.7b	127	1-170	
MOS	III	10 09 25 54.4-1.0	7.72S	107.70E	10	5.1b			¶10600990
ISCJB	III	10 09 26 01.3-22	7.79S-04	107.76E-05	63	4.8b			
NEIC	III	10 09 26 03.5-18	7.76S	107.76E	69	4.9b			
HRVD	III	10 09 26 03.5-50	7.94S	107.87E	60-4	5.0W			
BJI	III	10 09 26 03.5	7.80S	107.80E	69	5.0b,4.9s			
IDC	III	10 09 26 03.7-52	7.72S	107.81E	66-4	4.8,4.6			
ISC	Event type fe.								
MOS	Error ellipse: s-maj=12.9km s-min=6.9km az=119.9.								
ISCJB	Event type fe. Error ellipse: s-maj=8.2km s-min=4.9km az=110.4.								
NEIC	Event type fe. Error ellipse: s-maj=8.8km s-min=5.0km az=51.0. Felt [III] at Bandung and Tasikmalaya.								
HRVD	Error ellipse: s-maj=5.6km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s11,c21; Mantle waves: s54,c74;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₁₁ : 85±25 Mw±1.34±2.1; M ₂₂ : 3.19±2.0; M ₃₃ : 1.20±1.0; M ₁₂ : 1.36±1.6; M ₁₃ : 0.43±1.6; M ₂₃ : 0.43±1.6; Best double couple: NP1:φ=340.0000°,λ=52.0000°,δ=133.0000°; NP2:φ=228.0000°,λ=86.0000°,δ=137.0000°; Principal axes: T 2.8720,Plg48.0000°,Az=188.0000°; N 0.7970,Plg41.0000°,Az=24.0000°; P -3.6690,Plg8.0000°,Az=287.0000° M3.27100×10 ¹⁶								
IDC	Error ellipse: s-maj=13.5km s-min=10.0km az=42.0.								
IDC	VI	05 08 12 38.1-35	6.18S	108.19E	0	4.3,4.1b			¶19599820
IDC	Error ellipse: s-maj=593.9km s-min=141.8km az=129.0.								
ISC	VI	08 04 44 24.3-75	8.5S-10	110.5E-20	10	4.3b,3.8s	14	15-148	
ISCJB	VI	08 04 44 22.5-76	8.5S-10	110.5E-20	10	4.3b,3.8s			¶19221603
IDC	VI	08 04 44 22.4-1.6	8.40S	110.55E	0	4.2,4.1b			
NEIC	VI	08 04 44 23.9-64	8.42S	110.48E	10	4.5b,4.1b			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=29.3km s-min=9.9km az=100.9.								
IDC	Error ellipse: s-maj=86.6km s-min=27.2km az=36.0.								
NEIC	Event type fe. Error ellipse: s-maj=27.5km s-min=11.1km az=222.0. Felt [III] at Klaten and Yogyakarta.								
NEIC	VI	10 00 43 03.4-8.4	8.72S	111.32E	41-66				
IDC	VI	10 00 42 59.1-2.5	8.20S	111.89E	0	4.1,3.9b			¶19221721
NEIC	Event type se. Error ellipse: s-maj=173.4km s-min=24.6km az=52.0.								
IDC	Error ellipse: s-maj=150.5km s-min=24.3km az=51.0.								
IDC	II	09 01 44 15.9-2.7	7.54S	107.30E	0	3.8,3.7b			¶19570282
IDC	Error ellipse: s-maj=169.7km s-min=27.1km az=56.0.								
IDC	II	14 18 46 52.0-2.7	8.42S	113.14E	0	3.7,3.5			¶19570866
IDC	Error ellipse: s-maj=158.5km s-min=25.4km az=48.0.								
ISC	II	19 15 55 41.2-64	8.8S-10	110.5E-10	35	4.3b	42	15-148	
IDC	II	19 15 55 35.8-88	8.75S	110.51E	0	4.3,4.2			¶18319414
ISCJB	II	19 15 55 39.2-65	8.8S-10	110.5E-10	33	4.3b,4.2			
MOS	II	19 15 55 39.7-1.0	8.70S	110.56E	33	4.9b,4.2			
NEIC	II	19 15 55 40.3-49	8.98S	110.39E	35	4.3b,4.2			
ISC	Event type se.								
IDC	Error ellipse: s-maj=44.8km s-min=15.7km az=51.0.								
ISCJB	Event type se. Error ellipse: s-maj=25.7km s-min=9.0km az=88.9.								
MOS	Error ellipse: s-maj=21.9km s-min=11.6km az=113.4.								
NEIC	Event type se. Error ellipse: s-maj=26.6km s-min=7.2km az=49.0.								
ISC	V	18 08 33 44.3-2.5	7.48S-06	106.12E-09	59-23	4.6b,3.9s	67	17-150	
IDC	V	18 08 33 36.0-56	7.43S	106.07E	0	4.4,4.4			¶18358243
MOS	V	18 08 33 39.5-97	7.38S	106.19E	33	5.1b,4.4			
NEIC	V	18 08 33 43.0-22	7.47S	106.09E	50	4.8b,4.4			
BJI	V	18 08 33 42.6	7.50S	106.10E	49	5.0b,4.6b			
ISCJB	V	18 08 33 43.7-2.2	7.44S-06	106.19E-08	71-20	4.5b,4.6b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	V	27 01 07 45.7-59	8.0S-10	110.5E-10	35	4.2b	23	16-147	
IDC	V	27 01 07 39.2-95	7.89S	110.39E	0	4.1L,4.1			¶19132149
ISCJB	V	27 01 07 43.7-59	7.8S-10	110.6E-10	33	4.2b,4.1			
NEIC	V	27 01 07 44.8-77	8.12S	110.35E	35	4.4b,4.1			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=40.0km s-min=17.3km az=56.0.								
ISCJB	Event type fe. Error ellipse: s-maj=25.7km s-min=8.8km az=93.5.								
NEIC	Event type fe. Error ellipse: s-maj=34.1km s-min=11.2km az=47.0. Felt [III] at Yogyakarta.								
ISC	V	27 04 21 51.4-35	7.88S-06	110.48E-05	10	4.5b,4.2s	85	1-150	
IDC	V	27 04 21 49.0-57	7.81S	110.47E	0	4.4,4.4b			¶18440616
ISCJB	V	27 04 21 49.6-35	7.89S-06	110.51E-06	10	4.5b,4.2s			
BJI	V	27 04 21 50.6	7.80S	110.50E	10	5.1b,4.6s			
NEIC	V	27 04 21 50.6-30	7.78S	110.51E	10	4.6b,4.6s			
MOS	V	27 04 21 53.7-1.9	7.75S	110.61E	33	4.7b,4.6s			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=25.2km s-min=14.1km az=59.0.								
ISCJB	Event type fe. Error ellipse: s-maj=10.1km s-min=5.4km az=88.4.								
NEIC	Event type fe. Error ellipse: s-maj=14.4km s-min=7.3km az=49.0. Felt [III] at Klaten and Yogyakarta.								
MOS	Error ellipse: s-maj=16.1km s-min=10.7km az=114.1.								
ISC	V	26 22 54 00.8-14	8.08S-02	110.27E-02	20	6.2s,5.8b	586	1-179	
IDC	V	26 22 53 56.7-32	7.92S	110.45E	0	6.1,6.1s			¶18358516
ISCJB	V	26 22 53 58.6-15	8.10S-02	110.30E-02	19	6.2s,5.8b			
HRVD	V	26 22 53 58.9-10	8.03S	110.54E	22-0	6.4W,5.8b			
BJI	V	26 22 53 58.2	8.00S	110.40E	12	6.7s,6.3s			
NEIC	V	26 22 53 58.9-17	7.96S	110.45E	12	6.8,6.3W			
MOS	V	26 22 54 02.1-2.1	7.91S	110.50E	33	6.1s,6.0b			
ISC	Event type de.								
IDC	Error ellipse: s-maj=14.2km s-min=9.9km az=38.0.								
ISCJB	Event type de. Error ellipse: s-maj=3.5km s-min=3.1km az=32.5.								
HRVD	Error ellipse: s-maj=0.0km s-min=0.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s113,c247; Mantle waves: s111,c427;Half duration: 37 Moment tensor: Scale 10 ¹⁸ Nm; M ₁₁ : -1.22±0.2 M ₂₂ : -3.36±0.2; M ₃₃ : 4.57±0.3; M ₁₂ : 0.60±0.4; M ₁₃ : 1.1±0.2; M ₂₃ : 0.62±0.4; Best double couple: NP1:φ=323.0000°,λ=176.0000°,δ=0.0000°; NP2:φ=232.0000°,λ=13.0000°,δ=13.0000°; Principal axes: T 4.8100,Plg7.0000°,Az=278.0000°; N -1.1920,Plg76.0000°,Az=36.0000°; P -3.6280,Plg12.0000°,Az=187.0000° M4.21900×10 ¹⁸								

NEIC	Event type de. Error ellipse: s-maj=6.8km s-min=4.6km az=218.0. At least 5,749 people were killed, 38,568 were injured and as many as 600,000 people were displaced in the Bantul-Yogyakarta area. More than 127,000 houses were destroyed and an additional 451,000 were damaged in the area, with the total loss estimated at approximately 3.1 billion U.S. dollars. Felt [IX] at Bantul and Klaten, [VIII] at Sleman and Yogyakarta, [IV] at Surakarta, [IV] at Salatiga and Blitar and [III] at Surabaya. Felt in much of Java. Also felt at Denpasar, Bali. Energy computed from BB mechanism. Moment Tensor Solution. M6.80000°1018 Moment Tensor Solution. s29 Moment tensor: Scale 10 ¹⁸ Nm; M ₁₁ : 0.69 Mw±3.91 M ₂₂ : 3.22 Mw±0.44 M ₃₃ : 2.08 Mw±0.51 Best double couple: NP1:φ=241.0000°,λ=10.0000°,δ=10.0000°; NP2:φ=150.0000°,λ=80.0000°,δ=175.0000°; Principal axes: T 3.9000,Plg11.0000°; Az=105.0000°; N 0.5900,Plg79.0000°; Az=268.0000°; P -4.4900,Plg3.0000°; Az=15.0000°; M=4.20000°1018 Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=170.0000°,λ=890.0000°,δ=160.0000°; NP2:φ=80.0000°,λ=0.0000°,δ=0.0000°; Principal axes: T Plg14.0000°,Az=303.0000°; N Plg0.0000°,Az=0.0000°; P Plg14.0000°; Az=37.0000°								
MOS	Error ellipse: s-maj=8.0km s-min=4.5km az=114.9.								
IDC	V	27 02 28 47.1-2.2	8.95S	112.19E	0	3.9,3.7b			
IDC	Error ellipse: s-maj=112.3km s-min=25.7km az=49.0.								
IDC	V	27 18 31 58.5-2.7	8.24S	109.97E	0	3.7,3.6			¶19599439
IDC	Error ellipse: s-maj=124.1km s-min=22.4km az=54.0.								
IDC	V	28 05 42 17.4-2.6	8.02S	110.19E	0	3.9,3.7b			¶19599504
IDC	Error ellipse: s-maj=153.9km s-min=24.4km az=51.0.								
IDC	V	16 18 57 11.3-3.9	7.56S	110.05E	0	3.7,3.5b			¶19599049
IDC	Error ellipse: s-maj=219.8km s-min=27.9km az=49.0.								
IDC	V	26 23 19 27.4-2.6	8.05S	110.03E	0	3.7,3.5b			¶19599434
IDC	Error ellipse: s-maj=150.8km s-min=24.7km az=51.0.								
IDC	V	27 04 03 23.6-15	6.96S	109.07E	0	3.8,3.7b			¶19599441
IDC	Error ellipse: s-maj=255.4km s-min=171.6km az=137.0.								
IDC	V	27 04 38 35.5-41	7.48S	110.85E	0	3.6,3.4b			¶19599443
IDC	Error ellipse: s-maj=691.3km s-min=170.2km az=131.0.								
IDC	V	27 05 28 41.0-42	6.73S	108.47E	0	3.9,3.7b			¶19599445
IDC	Error ellipse: s-maj=716.1km s-min=167.7km az=130.0.								
IDC	V	27 05 41 42.2-37	7.37S	108.99E	0	4.1,3.9b			¶19599446
IDC	Error ellipse: s-maj=634.1km s-min=148.7km az=129.0.								
IDC	V	27 07 48 10.3-44	6.13S	109.04E	0	3.9,3.7b			¶19599451
IDC	Error ellipse: s-maj=749.5km s-min=192.7km az=134.0.								
IDC	V	27 09 54 18.6-13	6.74S	108.28E	0	3.8,3.7			¶19599453
IDC	Error ellipse: s-maj=221.8km s-min=136.7km az=131.0.								
IDC	V	27 12 36 31.2-11	8.13S	110.26E	0	4.2,4.0b			¶19599457
IDC	Error ellipse: s-maj=185.9km s-min=125.8km az=133.0.								
IDC	V	27 18 57 08.7-14	8.00S	109.41E					

ISC	VI	19 20 35 50.0-5.4	7.9S-20	112.4E-20	244-59	4.1b	28	16-86
ISC	VI	19 20 35 46.5-4.6	7.9S-20	112.4E-20	226-48	4.1b		
ISC	VI	19 20 35 48.4-3.8	7.96S	112.30E	232-41	4.2b		
ISC	VI	19 20 35 49.2-10	7.92S	112.40E	236-102	4.3,3.8		
ISC	VI	19 20 35 50.0-5.4	7.9S-20	112.4E-20	244-59	4.1b	28	16-86
ISC	VI	19 20 35 46.5-4.6	7.9S-20	112.4E-20	226-48	4.1b		
ISC	VI	19 20 35 48.4-3.8	7.96S	112.30E	232-41	4.2b		
ISC	VI	19 20 35 49.2-10	7.92S	112.40E	236-102	4.3,3.8		
ISC	VI	19 20 35 50.0-5.4	7.9S-20	112.4E-20	244-59	4.1b	28	16-86
ISC	VI	19 20 35 46.5-4.6	7.9S-20	112.4E-20	226-48	4.1b		
ISC	VI	19 20 35 48.4-3.8	7.96S	112.30E	232-41	4.2b		
ISC	VI	19 20 35 49.2-10	7.92S	112.40E	236-102	4.3,3.8		

(278) Bali Sea.

ISC	VI	01 13 43 27.8-2.9	7.5S-30	114.1E-20	86-35	3.6b	10	1-61
ISC	VI	01 13 43 26.3-2.8	7.4S-20	114.1E-20	87-35	3.6b		
ISC	VI	01 13 43 29.7-12	8.42S	112.93E	144-123	3.7,3.4		
ISC	VI	01 13 43 29.7-12	8.42S	112.93E	144-123	3.7,3.4		
ISC	VI	01 13 43 27.8-2.9	7.5S-30	114.1E-20	86-35	3.6b	10	1-61
ISC	VI	01 13 43 26.3-2.8	7.4S-20	114.1E-20	87-35	3.6b		
ISC	VI	01 13 43 29.7-12	8.42S	112.93E	144-123	3.7,3.4		
ISC	VI	01 13 43 29.7-12	8.42S	112.93E	144-123	3.7,3.4		
ISC	VI	01 13 43 27.8-2.9	7.5S-30	114.1E-20	86-35	3.6b	10	1-61
ISC	VI	01 13 43 26.3-2.8	7.4S-20	114.1E-20	87-35	3.6b		
ISC	VI	01 13 43 29.7-12	8.42S	112.93E	144-123	3.7,3.4		
ISC	VI	01 13 43 29.7-12	8.42S	112.93E	144-123	3.7,3.4		

ISC	VI	11 21 15 53.1-2.7	7.4S-20	117.5E-20	293-33	3.8b	15	13-67
ISC	VI	11 21 15 52.6-3.3	7.6S-20	117.3E-20	312-41	3.8b		
ISC	VI	11 21 15 57.2-11	7.64S	117.40E	341-128	4.1,3.5		
ISC	VI	11 21 16 00.1-4.8	7.61S	117.62E	377-54	4.1b,3.5		
ISC	VI	11 21 15 53.1-2.7	7.4S-20	117.5E-20	293-33	3.8b	15	13-67
ISC	VI	11 21 15 52.6-3.3	7.6S-20	117.3E-20	312-41	3.8b		
ISC	VI	11 21 15 57.2-11	7.64S	117.40E	341-128	4.1,3.5		
ISC	VI	11 21 16 00.1-4.8	7.61S	117.62E	377-54	4.1b,3.5		
ISC	VI	11 21 15 53.1-2.7	7.4S-20	117.5E-20	293-33	3.8b	15	13-67
ISC	VI	11 21 15 52.6-3.3	7.6S-20	117.3E-20	312-41	3.8b		
ISC	VI	11 21 15 57.2-11	7.64S	117.40E	341-128	4.1,3.5		
ISC	VI	11 21 16 00.1-4.8	7.61S	117.62E	377-54	4.1b,3.5		

(279) Flores Sea.

ISC	III	02 04 30 29.5-2.2	7.3S-20	122.7E-20	445-31	3.4b	14	11-122
ISC	III	02 04 30 25.4-2.7	7.2S-20	122.6E-20	410-35	3.3b		
ISC	III	02 04 30 29.9-1.7	7.36S	122.75E	455-25	4.2b		
ISC	III	02 04 30 30.4-8.9	7.26S	122.92E	457-111	4.1,3.3		
ISC	III	02 04 30 29.5-2.2	7.3S-20	122.7E-20	445-31	3.4b	14	11-122
ISC	III	02 04 30 25.4-2.7	7.2S-20	122.6E-20	410-35	3.3b		
ISC	III	02 04 30 29.9-1.7	7.36S	122.75E	455-25	4.2b		
ISC	III	02 04 30 30.4-8.9	7.26S	122.92E	457-111	4.1,3.3		
ISC	III	02 04 30 29.5-2.2	7.3S-20	122.7E-20	445-31	3.4b	14	11-122
ISC	III	02 04 30 25.4-2.7	7.2S-20	122.6E-20	410-35	3.3b		
ISC	III	02 04 30 29.9-1.7	7.36S	122.75E	455-25	4.2b		
ISC	III	02 04 30 30.4-8.9	7.26S	122.92E	457-111	4.1,3.3		

ISC	III	02 04 30 29.5-2.2	7.3S-20	122.7E-20	445-31	3.4b	14	11-122
ISC	III	02 04 30 25.4-2.7	7.2S-20	122.6E-20	410-35	3.3b		
ISC	III	02 04 30 29.9-1.7	7.36S	122.75E	455-25	4.2b		
ISC	III	02 04 30 30.4-8.9	7.26S	122.92E	457-111	4.1,3.3		
ISC	III	02 04 30 29.5-2.2	7.3S-20	122.7E-20	445-31	3.4b	14	11-122
ISC	III	02 04 30 25.4-2.7	7.2S-20	122.6E-20	410-35	3.3b		
ISC	III	02 04 30 29.9-1.7	7.36S	122.75E	455-25	4.2b		
ISC	III	02 04 30 30.4-8.9	7.26S	122.92E	457-111	4.1,3.3		
ISC	III	02 04 30 29.5-2.2	7.3S-20	122.7E-20	445-31	3.4b	14	11-122
ISC	III	02 04 30 25.4-2.7	7.2S-20	122.6E-20	410-35	3.3b		
ISC	III	02 04 30 29.9-1.7	7.36S	122.75E	455-25	4.2b		
ISC	III	02 04 30 30.4-8.9	7.26S	122.92E	457-111	4.1,3.3		

ISC	II	09 00 05 08.6-17	7.75S-03	121.69E-04	369	5.3b	310	7-168
ISC	II	09 00 05 01.6-95	7.61S	121.59E	310	5.4b		
ISC	II	09 00 05 04.0	8.07S	122.21E	375	5.4b,4.8b		
ISC	II	09 00 05 04.6	7.68S	121.63E	342	5.5b,4.8b		
ISC	II	09 00 05 06.9-17	7.74S-03	121.65E-04	367	5.3b,4.8b		
ISC	II	09 00 05 08.1-91	7.68S	121.67E	362-8	5.5,4.9		
ISC	II	09 00 05 08.3-65	7.69S	121.65E	366-6	5.5b,4.9		
ISC	II	09 00 05 08.6-17	7.75S-03	121.69E-04	369	5.3b	310	7-168
ISC	II	09 00 05 01.6-95	7.61S	121.59E	310	5.4b		
ISC	II	09 00 05 04.0	8.07S	122.21E	375	5.4b,4.8b		
ISC	II	09 00 05 04.6	7.68S	121.63E	342	5.5b,4.8b		
ISC	II	09 00 05 06.9-17	7.74S-03	121.65E-04	367	5.3b,4.8b		
ISC	II	09 00 05 08.1-91	7.68S	121.67E	362-8	5.5,4.9		
ISC	II	09 00 05 08.3-65	7.69S	121.65E	366-6	5.5b,4.9		

ISC	II	09 02 27 14.0-2.6	6.60S	119.81E	0	4.1b,3.9		
ISC	II	09 02 27 14.0-2.6	6.60S	119.81E	0	4.1b,3.9		
ISC	II	09 02 27 14.0-2.6	6.60S	119.81E	0	4.1b,3.9		
ISC	II	09 02 27 14.0-2.6	6.60S	119.81E	0	4.1b,3.9		
ISC	II	09 02 27 14.0-2.6	6.60S	119.81E	0	4.1b,3.9		
ISC	II	09 02 27 14.0-2.6	6.60S	119.81E	0	4.1b,3.9		
ISC	II	09 02 27 14.0-2.6	6.60S	119.81E	0	4.1b,3.9		
ISC	II	09 02 27 14.0-2.6	6.60S	119.81E	0	4.1b,3.9		
ISC	II	09 02 27 14.0-2.6	6.60S	119.81E	0	4.1b,3.9		
ISC	II	09 02 27 14.0-2.6	6.60S	119.81E	0	4.1b,3.9		
ISC	II	09 02 27 14.0-2.6	6.60S	119.81E	0	4.1b,3.9		
ISC	II	09 02 27 14.0-2.6	6.60S	119.81E	0	4.1b,3.9		

ISC	II	03 03 08 18.3-5.0	6.43S-10	122.4E-10	27-37	4.8b,3.7s	48	12-156
ISC	II	03 03 03 12.8-6.5	6.42S-10	122.4E-10	4-42	4.8b,3.7s		
ISC	II	03 03 03 14.2-6.8	6.38S	122.35E	0	4.8,4.6		
ISC	II	03 03 03 17.6	6.40S	122.40E	20	5.4b,4.5b		
ISC	II	03 03 03 17.5-1.2	6.39S	122.39E	33	5.1b,4.5b		
ISC	II	03 03 03 17.6-3.3	6.45S	122.39E	24-24	4.9b,4.5b		
ISC	II	03 03 03 18.3-5.0	6.43S-10	122.4E-10	27-37	4.8b,3.7s	48	12-156
ISC	II	03 03 03 12.8-6.5	6.42S-10	122.4E-10	4-42	4.8b,3.7s		
ISC	II	03 03 03 14.2-6.8	6.38S	122.35E	0	4.8,4.6		
ISC	II	03 03 03 17.6	6.40S	122.40E	20	5.4b,4.5b		
ISC	II	03 03 03 17.5-1.2	6.39S	122.39E	33	5.1b,4.5b		
ISC	II	03 03 03 17.6-3.3	6.45S	122.39E	24-24	4.9b,4.5b		

ISC	II	03 08 45 11.5-1.1	6.2S-30	122.6E-50	35	3.9b	8	18-74
ISC	II	03 08 45 36.0-1.4	6.27S	122.26E	0	4.1,3.9b		
ISC	II	03 08 45 38.9-1.1	6.2S-30	122.5E-50	33	3.9b,3.9b		
ISC	II	03 08 45 29.2-12	7.88S-02	122.58E-03	262	5.9b	502	3-167
ISC	II	03 08 45 29.2-12	7.88S-02	122.58E-03	262	5.9b	502	3-167
ISC	II	03 08 45 29.2-12	7.88S-02	122.58E-03	262	5.9b	502	3-167
ISC	II	03 08 45 29.2-12	7.88S-02	122.58E-03	262	5.9b	502	3-167
ISC	II	03 08 45 29.2-12	7.88S-02	122.58E-03	262	5.9b	502	3-167
ISC	II	03 08 45 29.2-12	7.88S-02	122.58E-03	262	5.9b	502	3-167
ISC	II	03 08 45 29.2-12	7.88S-02	122.58E-03	262	5.9b	502	3-167
ISC	II	03 08 45 29.2-12	7.88S-02	122.58E-03	262	5.9b	502	3-167
ISC	II	03 08 45 29.2-12	7.88S-02	122.58E-03	262	5.9b	502	3-167
ISC	II	03 08 45 29.2-12	7.88S-02	122.58E-03	262	5.9b	502	3-167

(280) Banda Sea.

ISC	IV	07 22 33 48.7-4.2	7.2S-20	129.2E-70	83-46	4.0b	13	14-72
ISC	IV	07 22 33 40.0-1.5	7.13S	128.75E	0	4.3,4.2L		
ISC	IV	07 22 33 44.4-7.3	7.18S	128.82E	35	4.3b,4.2L		
ISC	IV	07 22 33 58.8-3.4	7.5S-30	130E-1.0	225-44	3.7b,4.2L		
ISC	IV	07 22 33 48.7-4.2	7.2S-20	129.2E-70	83-46	4.0b	13	14-72
ISC	IV	07 22 33 40.0-1.5	7.13S	128.75E	0	4.3,4.2L		
ISC	IV	07 22 33 44.4-7.3	7.18S	128.82E	35	4.3b,4.2L		
ISC	IV	07 22 33 58.8-3.4	7.5S-30	130E-1.0	225-44	3.7b,4.2L		
ISC	IV	07 22 33 48.7-4.2	7.2S-20	129.2E-70	83-46	4.0b	13	14-72
ISC	IV	07 22 33 40.0-1.5	7.13S	128.75E	0	4.3,4.2L		
ISC	IV	07 22 33 44.4-7.3	7.18S	128.82E	35	4.3b,4.2L		
ISC	IV	07 22 33 58.8-3.4	7.5S-30	130E-1.0	225-44	3.7b,4.2L		

NEIC	Event type se.	VI	15	18	24	50.4-8.2	8.05S	127.90E	250-83	4.0,3.5b		
ISCJB	Event type se.	ISC										
ISC	III 26 01 26 42.6-86	6.32S-06	125.34E-10	534-12	4.4b	48	9-131					
ISCJB	Event type se. Error ellipse: s-maj=16.4km s-min=6.8km az=130.2.	ISC										
ISC	III 26 01 26 41.7-1.1	6.26S-06	125.22E-10	537-17	4.4b							
ISCJB	Event type se. Error ellipse: s-maj=12.8km s-min=5.5km az=71.0.	NEIC										
ISC	III 26 01 26 41.4	6.30S	125.40E	550	4.7b,4.5b							
ISCJB	Event type se. Error ellipse: s-maj=26.3km s-min=9.5km az=70.0.	IDC										
ISC	III 26 01 26 43.4-28	6.32S	125.36E	550	4.4b,4.5b							
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=12.2km az=200.0.	IDC										
ISC	III 26 01 26 43.1-1.7	6.32S	125.34E	540-20	4.4,3.5							
ISCJB	Event type se. Error ellipse: s-maj=18.8km s-min=8.7km az=119.5.	ISC										
ISC	III 26 09 22 00.2-1.4	7.37S-07	128.64E-08	130-15	4.5b	82	6-161					
ISCJB	Event type se. Error ellipse: s-maj=13.8km s-min=7.6km az=123.9.	MOS										
ISC	III 26 09 21 57.7-1.0	7.26S	128.50E	120	4.5b							
ISCJB	Event type se. Error ellipse: s-maj=22.2km s-min=12.2km az=60.0.	ISCJB										
ISC	III 26 09 21 58.9-1.4	7.40S-06	128.59E-08	136-14	4.5b							
ISCJB	Event type se. Error ellipse: s-maj=13.9km s-min=7.2km az=225.0.	ISC										
ISC	III 26 09 21 59.2	7.09S	129.08E	138	5.0b,5.0b							
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=12.2km az=200.0.	NEIC										
ISC	III 26 09 21 59.9-3.0	7.28S	128.52E	125-28	4.6,4.3							
ISCJB	Event type se. Error ellipse: s-maj=14.8km s-min=9.3km az=136.1.	IDC										
ISC	III 26 09 22 01.6-1.3	7.40S	128.49E	144-14	4.7b,4.3							
ISCJB	Event type se. Error ellipse: s-maj=18.8km s-min=8.7km az=119.5.	ISC										
ISC	III 27 01 24 31.1-1.3	7.68S-06	129.16E-08	183-14	4.6b	33	6-78					
ISCJB	Event type se. Error ellipse: s-maj=25.5km s-min=11.5km az=73.0.	IDC										
ISC	III 27 01 24 25.4-2.3	7.20S	129.05E	110-25	4.4b							
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=12.2km az=200.0.	ISC										
ISC	III 27 01 24 28.0-1.6	7.40S-06	129.29E-08	169-17	4.6b							
ISCJB	Event type se. Error ellipse: s-maj=38.5km s-min=22.8km az=45.0.	NEIC										
ISC	III 27 01 24 29.1-6.0	7.36S	128.98E	151-63	4.4,3.9							
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=9.3km az=70.0.	ISC										
ISC	III 02 21 35 15.8-1.4	4.35S	127.19E	650-238	3.8,2.9							
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=12.2km az=200.0.	ISC										
ISC	III 08 19 22 43.3-1.7	6.30S	129.85E	0	3.7b,3.7							
ISCJB	Event type se. Error ellipse: s-maj=25.5km s-min=11.5km az=73.0.	ISC										
ISC	III 09 19 25 53.6-11	6.44S	127.31E	278-131	3.2,2.8b							
ISCJB	Event type se. Error ellipse: s-maj=11.8km s-min=4.2km az=63.0.	ISC										
ISC	III 17 14 47 44.9-1.4	4.51S	123.88E	0	3.5,3.4							
ISCJB	Event type se. Error ellipse: s-maj=13.8km s-min=13.5km az=60.0.	ISC										
ISC	III 28 20 46 14.6-9.6	7.54S	129.04E	299-121	3.7,3.1							
ISCJB	Event type se. Error ellipse: s-maj=11.8km s-min=4.2km az=63.0.	ISC										
ISC	III 30 06 14 21.4-6.6	7.49S	129.28E	171-65	4.0,3.6							
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=12.2km az=200.0.	ISC										
ISC	III 30 18 03 27.2-8.3	7.46S	129.52E	55-94	3.5L,3.5							
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=9.3km az=70.0.	ISC										
ISC	III 31 22 42 20.3-11	7.50S	129.67E	170-84	3.9b,3.7							
ISCJB	Event type se. Error ellipse: s-maj=18.8km s-min=8.7km az=119.5.	ISC										
ISC	III 01 02 38 47.8-2.2	6.69S-09	129.8E-20	173-22	3.9b	13	12-68					
ISCJB	Event type se. Error ellipse: s-maj=22.2km s-min=12.2km az=60.0.	ISC										
ISC	III 01 02 38 30.9-1.8	6.24S	130.07E	0	4.1L,4.0b							
ISCJB	Event type se. Error ellipse: s-maj=13.8km s-min=13.5km az=60.0.	ISC										
ISC	III 01 02 38 41.3-8.0	6.24S	130.24E	100	4.0b,4.0b							
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=12.2km az=200.0.	ISC										
ISC	III 01 02 38 49.9-2.8	6.7S-10	130.0E-10	224-32	3.7b,4.0b							
ISCJB	Event type se. Error ellipse: s-maj=11.8km s-min=4.2km az=63.0.	ISC										
ISC	III 01 22 08 31.0-6.9	6.99S-08	129.6E-20	35	4.4b	21	12-79					
ISCJB	Event type se. Error ellipse: s-maj=25.5km s-min=11.5km az=73.0.	ISC										
ISC	III 01 22 08 27.2-1.7	7.45S	128.33E	0	3.9,3.8b							
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=9.3km az=70.0.	ISC										
ISC	III 01 22 08 28.4-6.9	6.99S-08	129.6E-20	33	4.4b,3.8b							
ISCJB	Event type se. Error ellipse: s-maj=18.8km s-min=8.7km az=119.5.	ISC										
ISC	III 01 22 08 30.7-7.3	6.98S	129.57E	35	3.9b,3.8b							
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=9.3km az=70.0.	ISC										
ISC	III 02 16 19 25.6-3.3	4.30S-05	129.67E-08	37	4.7b,4.2s	75	3-128					
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=12.2km az=200.0.	ISC										
ISC	III 02 16 19 20.1-8.1	4.19S	129.63E	0	4.5,4.4							
ISCJB	Event type se. Error ellipse: s-maj=11.8km s-min=4.2km az=63.0.	ISC										
ISC	III 02 16 19 23.5-3.3	4.28S-05	129.62E-08	35	4.7b,4.2s							
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=9.3km az=70.0.	ISC										
ISC	III 02 16 19 23.0-1.2	4.24S	129.52E	33	4.7b,4.2s							
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=12.2km az=200.0.	ISC										
ISC	III 02 16 19 25.1-3.2	4.34S	129.54E	37	4.6b,4.2s							
ISCJB	Event type se. Error ellipse: s-maj=11.8km s-min=4.2km az=63.0.	ISC										
ISC	III 02 16 19 25.1	4.30S	129.50E	37	5.1b,4.8b							
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=9.3km az=70.0.	ISC										
ISC	III 03 15 39 34.4-8.8	7.18S	128.44E	95	4.5b							
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=12.2km az=200.0.	ISC										
ISC	III 03 15 39 37.7-1.2	7.38S-05	128.56E-07	134-12	4.4b							
ISCJB	Event type se. Error ellipse: s-maj=11.8km s-min=4.2km az=63.0.	ISC										
ISC	III 03 15 39 38.1	7.40S	128.50E	129	5.0b,4.9b							
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=9.3km az=70.0.	ISC										
ISC	III 03 15 39 39.1-1.2	7.36S	128.49E	130-12	4.5b,4.9b							
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=12.2km az=200.0.	ISC										
ISC	III 03 15 39 41.2-2.7	7.28S	128.49E	145-22	4.5,4.2							
ISCJB	Event type se. Error ellipse: s-maj=11.8km s-min=4.2km az=63.0.	ISC										
ISC	III 04 09 56 39.5-1.5	4.4S-40	126.5E-50	100	3.5b	7	10-64					
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=9.3km az=70.0.	ISC										
ISC	III 04 09 56 25.5-2.1	3.25S	128.67E	0	4.3L,3.9							
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=12.2km az=200.0.	ISC										
ISC	III 24 19 58 42.7-1.4	7.88S-09	128.9E-20	200	3.3b	12	11-68					
ISCJB	Event type se. Error ellipse: s-maj=11.8km s-min=4.2km az=63.0.	ISC										
ISC	III 24 19 58 40.9-1.3	7.80S-10	129.1E-20	200	3.3b,3.9							
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=9.3km az=70.0.	ISC										
ISC	III 29 19 09 08.4-1.8	6.7S-20	127.6E-30	422-26	3.0b	9	8-67					
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=12.2km az=200.0.	ISC										
ISC	III 29 19 09 06.6-2.1	6.8S-20	127.4E-30	419-26	3.0b							
ISCJB	Event type se. Error ellipse: s-maj=11.8km s-min=4.2km az=63.0.	ISC										
ISC	III 29 19 09 08.6-3.4	6.80S	127.35E	424-39	3.7,2.9							
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=9.3km az=70.0.	ISC										
ISC	III 10 15 05 19.1-1.8	7.24S-09	129.36E-10	104-20	4.5b	61	6-151					
ISCJB	Event type se. Error ellipse: s-maj=17.8km s-min=12.2km az=200.0.	ISC										
ISC	III 10 15 05 16.9-1.4	7.16S	129.13E	82	4.5b							
ISCJB	Event type se. Error ellipse: s-maj=11.8km s-min=4.2km az=63.0.	ISC										
ISC	III 10 15 05 18.3-1.6	7.15S	129.44E	87-14	4.8b							
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=9.3km az=70.0.	ISC										

MOS	Error ellipse: s-maj=14.8km s-min=7.8km az=117.4.	IDC	II	28 14 49 26.9-2.0	7.83S	127.36E	0	3.7L,3.7	
NEIC	Event type se. Error ellipse: s-maj=11.7km s-min=5.8km az=71.0.	IDC	IV	25 06 40 19.9-2.0	6.70S	129.14E	0	4.3s,4.3	¶9580098
ISCJB	Error ellipse: s-maj=12.1km s-min=4.9km az=147.4.	IDC	II	28 14 49 26.9-2.0	7.83S	127.36E	0	3.7L,3.7	
HRVD	Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s15,c19; Mantle waves: s52,c71; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=1.06±.23; Mw=0.54±.13; M0=1.60±.15; M1=0.50±.12; M2=1.48±.11; M3=1.09±.15; Best double couple: NP1:φ=245.00000°,λ=25.00000°; NP2:φ=351.00000°,λ=171.00000°; Principal axes: T 2.5210,Plg12.0000°,Azml114.0000°; N -0.3360,Plg44.0000°,Azml11.0000°; P -2.1840,Plg43.0000°,Azml216.0000°; M0.235300×1016	IDC	IV	25 16 00 28.8-2.4	7.33S	127.76E	0	3.8,3.7L	¶9597953
ISC	II	24 00 41 28.1-1.6	4.65S-20	129.7E-30	35	4.0s,3.5b	5	14-75	
IDC	II	24 00 41 24.1-2.3	4.69S	129.09E	0	4.0s,4.0		¶9579499	
ISCJB	II	24 00 41 25.8-1.6	4.6S-20	129.7E-30	33	4.0s,3.5b			
ISC	II	24 17 44 28.8-1.6	5.8S-20	130.6E-30	35	3.4b	7	13-68	
IDC	II	24 17 44 25.4-2.1	6.20S	129.31E	0	3.4,3.3b		¶9579623	
ISCJB	II	24 17 44 26.5-1.7	5.8S-20	130.5E-30	33	3.4b,3.3b			
ISC	II	25 05 30 25.9-1.6	5.7S-20	130.0E-30	35	3.2b	5	13-67	
IDC	II	25 05 30 19.0-2.2	5.32S	130.91E	0	3.8,3.7L		¶9579731	
ISCJB	II	25 05 30 23.7-1.6	5.7S-20	129.9E-30	33	3.2b,3.7L			
IDC	II	25 16 36 52.5-2.9	6.71S	128.49E	0	3.4b,3.3		¶9579792	
IDC	Error ellipse: s-maj=324.2km s-min=31.1km az=66.0.	IDC	IV	25 17 27 13.9-2.0	6.86S	129.70E	0	3.6L,3.6	
IDC	II	25 17 27 13.9-2.0	6.86S	129.70E	0	3.6L,3.6		¶9579794	
IDC	Error ellipse: s-maj=81.0km s-min=32.3km az=68.0.	IDC	IV	02 22 09 48.0-3.2	6.73S	127.49E	0	3.8,3.5	
IDC	IV	02 22 09 48.0-3.2	6.73S	127.49E	0	3.8,3.5		¶9594054	
IDC	Error ellipse: s-maj=507.8km s-min=31.1km az=65.0.	IDC	IV	02 02 05 34.3-2.0	4.64S	127.66E	0	3.6L,3.6	
IDC	IV	02 02 05 34.3-2.0	4.64S	127.66E	0	3.6L,3.6		¶9594082	
IDC	Error ellipse: s-maj=140.5km s-min=29.6km az=66.0.	IDC	IV	02 04 36 30.1-2.3	6.82S	128.94E	0	3.8,3.6L	
IDC	IV	02 04 36 30.1-2.3	6.82S	128.94E	0	3.8,3.6L		¶9594088	
IDC	Error ellipse: s-maj=106.2km s-min=28.7km az=75.0.	IDC	IV	02 12 17 47.5-2.2	7.07S	128.99E	0	3.5b,3.5	
IDC	IV	02 12 17 47.5-2.2	7.07S	128.99E	0	3.5b,3.5		¶9594113	
IDC	Error ellipse: s-maj=88.2km s-min=28.6km az=75.0.	IDC	IV	07 10 48 26.5-2.1	7.02S	128.91E	0	3.9,3.8b	
IDC	IV	07 10 48 26.5-2.1	7.02S	128.91E	0	3.9,3.8b		¶9594415	
IDC	Error ellipse: s-maj=97.0km s-min=27.4km az=75.0.	IDC	IV	10 23 24 48.3-1.6	6.45S	129.96E	102-174	3.5,3.3L	
IDC	IV	10 23 24 48.3-1.6	6.45S	129.96E	102-174	3.5,3.3L		¶9594597	
IDC	Error ellipse: s-maj=129.2km s-min=63.2km az=38.0.	IDC	II	26 00 58 56.4-2.1	6.13S	129.19E	0	3.5b,3.5	
IDC	II	26 00 58 56.4-2.1	6.13S	129.19E	0	3.5b,3.5		¶9579840	
IDC	Error ellipse: s-maj=153.6km s-min=31.4km az=73.0.	IDC	IV	11 19 27 19.7-2.2	6.52S	130.63E	0	3.5b,3.5	
IDC	IV	11 19 27 19.7-2.2	6.52S	130.63E	0	3.5b,3.5		¶9594677	
IDC	Error ellipse: s-maj=77.7km s-min=28.8km az=78.0.	IDC	IV	11 23 57 15.6-2.1	6.56S	129.63E	0	3.4,3.3	
IDC	IV	11 23 57 15.6-2.1	6.56S	129.63E	0	3.4,3.3		¶9594688	
IDC	Error ellipse: s-maj=84.4km s-min=27.7km az=76.0.	IDC	IV	12 05 55 49.1-2.5	4.82S	126.50E	0	3.2b,3.2	
IDC	IV	12 05 55 49.1-2.5	4.82S	126.50E	0	3.2b,3.2		¶9594716	
IDC	Error ellipse: s-maj=347.7km s-min=29.8km az=64.0.	IDC	IV	12 14 47 59.9-2.2	6.37S	130.82E	0	4.2s,4.2	
IDC	IV	12 14 47 59.9-2.2	6.37S	130.82E	0	4.2s,4.2		¶9594734	
IDC	Error ellipse: s-maj=89.8km s-min=27.4km az=78.0.	IDC	IV	16 00 41 48.6-2.2	6.29S	130.13E	0	4.1,3.9L	
IDC	IV	16 00 41 48.6-2.2	6.29S	130.13E	0	4.1,3.9L		¶9594996	
IDC	Error ellipse: s-maj=89.2km s-min=28.5km az=77.0.	IDC	IV	17 14 13 44.9-2.0	6.59S	128.96E	0	3.7L,3.7	
IDC	IV	17 14 13 44.9-2.0	6.59S	128.96E	0	3.7L,3.7		¶9595081	
IDC	Error ellipse: s-maj=84.7km s-min=27.5km az=75.0.	IDC	IV	20 10 45 47.3-2.5	7.03S	129.18E	0	3.9,3.7	
IDC	IV	20 10 45 47.3-2.5	7.03S	129.18E	0	3.9,3.7		¶9597541	
IDC	Error ellipse: s-maj=202.3km s-min=33.4km az=67.0.	IDC	IV	20 18 14 28.0-2.5	6.96S	127.77E	0	3.5L,3.5b	
IDC	IV	20 18 14 28.0-2.5	6.96S	127.77E	0	3.5L,3.5b		¶9597557	
IDC	Error ellipse: s-maj=310.3km s-min=31.8km az=65.0.	IDC	IV	21 18 03 11.0-1.6	6.95S	128.88E	0	3.7,3.7	
IDC	IV	21 18 03 11.0-1.6	6.95S	128.88E	0	3.7,3.7		¶9597661	
IDC	Error ellipse: s-maj=77.8km s-min=24.9km az=78.0.	IDC	II	26 18 20 08.4-1.3	5.37S	129.01E	250-156	3.4,2.9	
IDC	II	26 18 20 08.4-1.3	5.37S	129.01E	250-156	3.4,2.9		¶9579912	
IDC	Error ellipse: s-maj=91.3km s-min=51.2km az=68.0.	IDC	II	26 19 27 28.6-4.0	7.03S-02	125.21E-04	540-5	5.5b	336 8-164
ISC	II	26 19 27 20.7	7.62S	125.64E	525	5.8b,5.0b		¶9581068	
BJI	II	26 19 27 23.9	7.00S	125.00E	500	5.0b,5.0b			
NAO	II	26 19 27 26.0-89	6.90S	125.10E	516	5.5b,5.0b			
MOS	II	26 19 27 27.2-09	6.99S	125.12E	526	5.5b,5.0b			
NEIC	II	26 19 27 27.2-30	6.91S	125.38E	540-2	5.3W,5.0b			
HRVD	II	26 19 27 28.4-40	7.01S-02	125.16E-04	553-5	5.5b,5.0b			
ISCJB	II	26 19 27 29.1-68	7.01S	125.13E	545-7	5.7,4.9b			
IDC	II	26 19 27 29.1-68	7.01S	125.13E	545-7	5.7,4.9b			
ISC	Event type se.	ISC	IV	25 08 09 49.2-1.3	4.77S-05	127.1E-10	60-14	3.1b,3.6s	38 2-154
MOS	Error ellipse: s-maj=9.5km s-min=5.4km az=110.9.	BJI	V	25 08 09 41.1	5.20S	127.33E	29	4.3b,3.6s	¶9648161
NEIC	Event type se. Error ellipse: s-maj=4.7km s-min=3.0km az=63.0.	IDC	V	25 08 09 42.5-65	4.78S	126.56E	0	4.5,4.4	
HRVD	Error ellipse: s-maj=5.6km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s61,c93; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mr=0.39±.04; Mw=0.33±.06; M0=0.90±.05; M1=0.53±.06; M2=0.14±.05; Best double couple: NP1:φ=184.00000°,λ=157.00000°; NP2:φ=73.00000°,λ=178.00000°; Principal axes: T 1.0990,Plg28.0000°,Azml141.0000°; N 0.0330,Plg28.0000°,Azml247.0000°; P -1.1320,Plg49.0000°,Azml14.0000°; M0.116000×1017	NEIC	V	25 08 09 44.6-42	4.77S	126.60E	15	4.5b,4.4	
ISCJB	Error type se. Error ellipse: s-maj=5.7km s-min=3.4km az=146.3.	MOS	V	25 08 09 44.4-1.7	4.84S	126.57E	33	4.5b,4.4	
IDC	Error ellipse: s-maj=8.7km s-min=5.6km az=65.0.	ISCJB	V	25 08 09 47.8-1.4	4.74S-06	127.1E-10	62-14	4.1b,4.4	
IDC	IV	22 12 36 43.0-2.2	6.82S	129.37E	0	3.7b,3.6		¶9597723	
IDC	Error ellipse: s-maj=111.6km s-min=32.8km az=68.0.	ISC	V	22 20 53 59.7-17	4.80S-02	126.98E-03	16	5.8s,5.5b	384 2-163
IDC	IV	23 20 42 45.1-2.3	6.30S	129.78E	0	3.6,3.4		¶9597805	
IDC	Error ellipse: s-maj=91.7km s-min=28.9km az=76.0.	NEIC	V	22 20 53 57.4-4.0	4.72S	126.81E	3-24	6.1W,5.9s	¶9344336
IDC	II	27 04 31 45.1-3.5	6.10S	129.57E	0	4.2s,4.2		¶9579952	
IDC	Error ellipse: s-maj=313.9km s-min=32.1km az=69.0.	BJI	V	22 20 53 57.4	4.70S	126.80E	12	5.8s,5.7b	
IDC	IV	24 23 10 48.3-2.2	7.27S	129.63E	0	3.5b,3.4		¶9597893	
IDC	Error ellipse: s-maj=143.1km s-min=32.0km az=68.0.	HRVD	V	22 20 53 57.4-10	4.75S	126.93E	15-0	6.1W,5.7b	
IDC	II	27 18 41 37.1-1.6	5.99S	131.77E	0	3.9b,3.9		¶9580004	
IDC	Error ellipse: s-maj=169.1km s-min=21.8km az=72.0.	ISCJB	V	22 20 53 57.7-17	4.78S-02	126.97E-03	16	5.8s,5.5b	
ISC	II	28 05 57 37.0-1.4	6.52S-05	128.79E-08	265-14	4.5b	117	14-152	
MOS	II	28 05 57 33.9-1.1	6.48S	128.65E	249	4.7b		¶9581927	
ISCJB	II	28 05 57 34.1-1.3	6.48S-04	128.73E-08	251-13	4.6b			
IDC	II	28 05 57 36.7-1.6	6.53S	128.61E	265-15	4.9,4.3b			
BJI	II	28 05 57 38.6	6.40S	129.01E	304	4.9b,4.7b			
NEIC	II	28 05 57 40.6-35	6.42S	128.72E	300	4.4b,4.7b			
ISC	Event type se.	ISC	V	27 07 35 06.6-62	6.16S-03	130.54E-05	150-6	4.7b	149 2-151
MOS	Error ellipse: s-maj=18.0km s-min=7.1km az=106.6.	BJI	V	27 07 35 03.9	7.01S	130.62E	180	4.8b,4.7b	¶9440623
ISCJB	Event type se. Error ellipse: s-maj=12.7km s-min=6.6km az=148.0.	ISCJB	V	27 07 35 07.1-75	6.08S	130.32E	144	4.7b,4.7b	
IDC	Error ellipse: s-maj=16.7km s-min=8.4km az=73.0.	IDC	V	27 07 35 08.9-2.2	6.10S	130.35E	145-19	4.9,4.4	
NEIC	Event type se. Error ellipse: s-maj=12.9km s-min=8.3km az=65.0.	NEIC	V	27 07 35 12.1-18	6.14S	130.39E	180	4.9b,4.4	
ISC	II	28 10 09 37.7-1.5	7.89S-08	123.3E-10	261-16	4.1b	35	10-153	
ISCJB	II	28 10 09 34.5-1.4	7.94S-08	123.3E-10	247-16	4.1b		¶9580076	
IDC	II	28 10 09 36.2-2.5	7.91S	123.27E	250-25	4.4,4.0			
IDC	II	28 10 09 37.1-1.6	8.00S	123.26E	259-17	4.2b,4.0			
ISC	Event type se.	ISC	V	27 07 35 06.6-62	6.16S-03	130.54E-05	150-6	4.7b	149 2-151
MOS	Error ellipse: s-maj=18.0km s-min=7.1km az=106.6.	ISCJB	V	27 07 35 07.1-75	6.08S	130.32E	144	4.7b,4.7b	
ISCJB	Event type se. Error ellipse: s-maj=12.7km s-min=6.6km az=148.0.	MOS	V	27 07 35 08.9-2.2	6.10S	130.35E	145-19	4.9,4.4	
IDC	Error ellipse: s-maj=16.7km s-min=8.4km az=73.0.	IDC	V	27 07 35 12.1-18	6.14S	130.39E	180	4.9b,4.4	
NEIC	Event type se. Error ellipse: s-maj=12.9km s-min=8.3km az=65.0.	ISC	V	27 07 35 12.1-18	6.14S	130.39E			

ISC	V	13 20 09 30.0-28	6.46S-04	130.82E-07	35	4.9b,4.7s	130	4-151	ISCJB	Event type se. Error ellipse: s-maj=27.2km s-min=12.9km az=148.1.									
BJI	V	13 20 09 23.0	7.14S	130.66E	29	5.1b,5.0b	18338953		IDC	Error ellipse: s-maj=58.2km s-min=26.8km az=100.0.									
ISCJB	V	13 20 09 27.9-26	6.49S-04	130.70E-07	33	4.9b,4.7s			IDC	V	04 19 57 31.4-12	7.62S	128.83E	110-142	4.2L,4.1				
NEIC	V	13 20 09 28.7-19	6.42S	130.73E	30	4.8b,4.7s			IDC	Error ellipse: s-maj=87.1km s-min=60.6km az=19.0.								19598475	
MOS	V	13 20 09 28.5-74	6.39S	130.64E	33	4.9b,4.7s			IDC	V	05 06 54 40.3-6.8	5.74S	129.15E	281-81	3.8,3.0				19598517
IDC	V	13 20 09 31.2-2.9	6.46S	130.70E	46-27	5.7L,4.7			IDC	Error ellipse: s-maj=34.2km s-min=32.7km az=162.0.									
ISC	Event type se.								ISC	V	05 19 33 44.4-1.7	6.0S-10	128.1E-30	411-21	3.3b	10	8-66		
ISCJB	Event type se. Error ellipse: s-maj=10.1km s-min=4.6km az=144.1.								ISCJB	V	05 19 33 40.6-1.6	6.0S-10	127.9E-30	383-20	3.3b				19130857
NEIC	Event type se. Error ellipse: s-maj=9.4km s-min=5.0km az=81.0.								NEIC	V	05 19 33 43.6-2.3	6.00S	128.03E	402-31	4.5b				
MOS	Error ellipse: s-maj=16.3km s-min=8.0km az=111.7.								IDC	V	05 19 33 44.4-3.0	6.01S	128.24E	412-36	3.8,3.1				
IDC	Error ellipse: s-maj=19.2km s-min=13.3km az=76.0.								ISC	Event type se.									
IDC	V	26 10 44 49.8-1.9	5.26S	125.57E	0	3.7,3.6b	19599424		ISCJB	Event type se. Error ellipse: s-maj=43.1km s-min=13.6km az=146.7.									
IDC	Error ellipse: s-maj=135.8km s-min=26.4km az=67.0.								NEIC	Event type se. Error ellipse: s-maj=36.1km s-min=17.8km az=89.0.									
ISC	V	24 09 09 17.2-85	5.47S-05	131.61E-07	62-11	4.7b	52	1-71	IDC	Error ellipse: s-maj=47.6km s-min=12.4km az=75.0.									
IDC	V	24 09 09 09.7-96	5.24S	131.45E	0	4.9L,4.7	18854828		ISC	V	03 23 42 52.1-1.4	6.7S-10	124.2E-20	35	3.3b	8	11-65		
MOS	V	24 09 09 12.5-1.4	5.27S	131.50E	33	4.4b,4.7			IDC	V	03 23 42 46.6-1.9	6.53S	124.15E	0	4.0,3.7			19130765	
NEIC	V	24 09 09 12.8-48	5.27S	131.59E	20	4.9b,4.7			ISCJB	V	03 23 42 49.6-1.4	6.7S-10	124.1E-20	33	3.3b,3.7				
ISCJB	V	24 09 09 16.8-83	5.41S-04	131.62E-07	81-9	4.6b,4.7			NEIC	V	03 23 42 51.8-1.1	6.64S	124.03E	35	3.5b,3.7				
ISC	Event type se.								ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=121.4km s-min=27.7km az=65.0.								IDC	Error ellipse: s-maj=115.7km s-min=29.2km az=57.0.									
NEIC	Event type se. Error ellipse: s-maj=29.2km s-min=14.0km az=107.8.								ISCJB	Event type se. Error ellipse: s-maj=66.2km s-min=14.5km az=127.1.									
MOS	Error ellipse: s-maj=16.3km s-min=8.0km az=111.7.								NEIC	Event type se. Error ellipse: s-maj=60.4km s-min=13.9km az=64.0.									
IDC	Error ellipse: s-maj=19.2km s-min=13.3km az=76.0.								ISC	V	08 01 32 54.2-2.1	7.9S-10	127.9E-10	148-23	3.9b	20	7-121		
IDC	V	27 17 53 14.0-1.4	4.49S	126.46E	0	3.9,3.7	19599466		IDC	V	08 01 32 53.3-13	7.71S	127.93E	131-145	3.6L,3.6				19131009
IDC	Error ellipse: s-maj=133.5km s-min=24.6km az=66.0.								NEIC	V	08 01 32 54.5-2.4	7.98S	127.80E	155-29	4.1b,3.6				
ISC	V	28 20 10 36.6-3.0	6.7S-10	129.2E-10	35-31	3.9b	16	14-78	ISCJB	V	08 01 32 56.4-2.0	8.1S-10	127.9E-10	198-23	3.7b,3.6				
IDC	V	28 20 10 31.5-2.2	6.63S	129.24E	0	3.7b,3.7	19132322		ISC	Event type se.									
ISCJB	V	28 20 10 34.5-5.1	6.7S-20	129.2E-10	37-51	3.9b,3.7			IDC	Error ellipse: s-maj=19.1km s-min=6.0km az=145.5.									
NEIC	V	28 20 10 36.3-3.8	6.70S	129.20E	35	3.9b,3.7			ISC	Event type se. Error ellipse: s-maj=19.1km s-min=6.0km az=145.5.									
ISC	Event type se.								ISCJB	Event type se. Error ellipse: s-maj=11.6km s-min=6.2km az=64.0.									
IDC	Error ellipse: s-maj=145.2km s-min=31.1km az=68.0.								NEIC	V	08 01 32 54.2-2.1	7.9S-10	127.9E-10	148-23	3.9b	20	7-121		
ISCJB	Event type se. Error ellipse: s-maj=29.4km s-min=17.8km az=89.0.								IDC	V	08 01 32 53.3-13	7.71S	127.93E	131-145	3.6L,3.6				19131009
NEIC	Event type se. Error ellipse: s-maj=11.6km s-min=6.2km az=64.0.								NEIC	V	08 01 32 54.5-2.4	7.98S	127.80E	155-29	4.1b,3.6				
IDC	V	01 08 26 38.3-8.7	7.40S	129.05E	75-88	3.9L,3.9	19598328		ISCJB	V	08 01 32 56.4-2.0	8.1S-10	127.9E-10	198-23	3.7b,3.6				
IDC	Error ellipse: s-maj=72.5km s-min=34.8km az=52.0.								ISC	Event type se.									
IDC	V	02 16 06 32.4-2.3	6.11S	130.40E	0	3.8b,3.8	19598377		NEIC	Event type se.									
IDC	Error ellipse: s-maj=89.6km s-min=29.3km az=77.0.								ISCJB	Event type se.									
IDC	V	03 17 03 50.9-2.5	6.56S	130.79E	0	3.8,3.7L	19598422		ISC	V	07 00 36 59.7-57	7.80S-05	129.7E-10	35	4.5b	20	11-129		
IDC	Error ellipse: s-maj=100.3km s-min=29.8km az=78.0.								IDC	V	07 00 36 54.6-1.6	7.52S	129.94E	0	4.1L,4.1				19130933
IDC	V	05 18 24 20.1-1.9	7.13S	129.38E	0	4.1,3.9L	19598539		ISCJB	V	07 00 36 57.4-59	7.84S-06	129.5E-10	33	4.5b,4.1				
IDC	Error ellipse: s-maj=84.3km s-min=26.6km az=71.0.								NEIC	V	07 00 36 59.3-87	7.59S	130.06E	35	4.1b,4.1				
IDC	V	06 05 14 22.3-2.3	6.48S	126.64E	0	4.1L,4.1	19598557		ISC	Event type se.									
IDC	Error ellipse: s-maj=332.4km s-min=31.4km az=63.0.								IDC	Error ellipse: s-maj=96.3km s-min=24.1km az=80.0.									
IDC	V	06 07 40 01.5-2.6	5.53S	131.14E	0	3.8b,3.8	19598558		ISCJB	Event type se. Error ellipse: s-maj=19.1km s-min=6.0km az=145.5.									
IDC	Error ellipse: s-maj=117.9km s-min=28.9km az=78.0.								NEIC	Event type se. Error ellipse: s-maj=11.9km s-min=11.9km az=74.0.									
IDC	V	06 13 56 18.1-2.1	6.84S	129.59E	0	3.8,3.7L	19598570		ISC	V	08 16 09 33.7-1.9	6.4S-10	128.4E-10	384-26	3.9b	13	12-67		
IDC	Error ellipse: s-maj=87.4km s-min=27.5km az=77.0.								ISCJB	V	08 16 09 29.6-2.2	6.3S-10	128.4E-10	350-27	3.8b				19131024
IDC	V	08 14 50 49.7-18	7.37S	127.91E	101-196	3.6L,3.5	19598659		NEIC	V	08 16 09 30.9-83	6.24S	128.36E	350	4.1b				
IDC	Error ellipse: s-maj=181.8km s-min=59.1km az=38.0.								IDC	V	08 16 09 34.7-2.9	6.40S	128.36E	398-36	4.5,3.7				
IDC	V	09 16 01 19.8-2.6	4.57S	130.34E	0	4.0,3.9L	19598700		ISC	Event type se.									
IDC	Error ellipse: s-maj=133.3km s-min=28.4km az=75.0.								ISCJB	Event type se. Error ellipse: s-maj=24.3km s-min=15.8km az=139.0.									
IDC	V	09 22 26 41.7-2.1	6.71S	129.60E	0	3.9L,3.9	19598707		NEIC	Event type se. Error ellipse: s-maj=14.2km s-min=14.0km az=115.0.									
IDC	Error ellipse: s-maj=79.8km s-min=28.3km az=77.0.								IDC	Error ellipse: s-maj=24.3km s-min=15.8km az=139.0.									
IDC	V	15 14 19 16.1-1.9	6.14S	125.47E	0	3.5b,3.4	19598910		ISC	Event type se.									
IDC	Error ellipse: s-maj=264.0km s-min=29.7km az=62.0.								ISCJB	Event type se. Error ellipse: s-maj=14.2km s-min=14.0km az=115.0.									
IDC	V	17 06 02 17.0-10	7.20S	129.68E	137-104	4.0L,3.9	19599078		NEIC	Error ellipse: s-maj=7.9km s-min=5.1km az=64.0.									
IDC	Error ellipse: s-maj=132.1km s-min=37.4km az=61.0.								HRVD	Error ellipse: s-maj=4.4km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.									
IDC	V	17 18 20 43.5-2.2	6.63S	129.27E	0	3.9,3.8L	19599105		ISC	Centroid Moment Tensor Solution. LP body waves; s71,c95;Half duration: 1s0									
IDC	Error ellipse: s-maj=80.7km s-min=28.7km az=76.0.								ISC	Moment tensor: Scale 10 ¹⁷ Nm; M=0.70±0.03 M ₀ =0.68±0.04; M ₂₂ =0.01±0.06; M ₃₃ =0.47±0.04;									
IDC	V	19 14 57 48.1-1.6	6.27S	130.19E	0	5.0,5.0s	19599180		ISC	M ₁₁ =0.04±0.05; M ₂₂ =0.24±0.06; Best double couple: NP1:φ=278.00000°;δ28.00000°;λ112.00000°;									
IDC	Error ellipse: s-maj=89.1km s-min=22.9km az=71.0.								ISC	NP2:φ=73.00000°;δ64.00000°;λ79.00000°. Principal axes: T 0.8960,Plg69.0000°									
IDC	V	19 21 40 40.9-2.1	6.47S	129.58E	0	3.8,3.6b	19599188		ISC	NP3:φ=320.0000°; N -0.0540,Plg10.0000°;AzM78.0000°; P -0.8420,Plg18.0000°									
IDC	Error ellipse: s-maj=90.0km s-min=27.5km az=76.0.								ISC	Azm172.0000°; M=0.86900×10 ¹⁷									
IDC	V	23 10 03 34.4-2.1	6.50S	129.35E	0	3.8b,3.7L	19599308		NEIC	Event type se. Error ellipse: s-maj=4.3km s-min=2.8km az=65.0.									
IDC	Error ellipse: s-maj=115.9km s-min=31.3km az=68.0.								ISC	V	10 16 23 26.6-0.0	7.0S-40	124.0E-60	35	4.5b	11	16-65		
IDC	V	24 20 14 38.8-3.0	6.15S	129.22E	0	3.6b,3.5	19599354		IDC	V	10 16 23 21.0-2.2	8.46S	121.79E	0	3.8L,3				

ISC	V	22 21 03 32.1-2.4	4.9S-10	127.0E-20	47-27	5.1s,4.4b	15	13-149
IDC	V	22 21 03 26.5-4.0	4.72S	126.74E	0	5.1,5.1s		18648015
NEIC	V	22 21 03 27.2-5.4	4.86S	127.10E	10	4.4b,5.1s		
BJI	V	22 21 03 29.1	4.44S	127.26E	13	4.7b,5.1s		
ISCJB	V	22 21 03 30.4-3.9	5.0S-10	127.0E-20	52-41	5.1s,4.4b		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	V	23 10 00 13.4-1.4	4.9S-20	126.8E-30	35	4.0b	7	13-149
IDC	V	23 10 00 07.1-2.4	4.03S	128.31E	0	4.2,4.1b		19599307
ISCJB	V	23 10 00 11.0-1.4	4.9S-20	126.7E-30	33	4.0b,4.1b		
ISC	V	23 09 28 03.6-5.7	4.95S-09	126.6E-20	20-42	4.1b	20	10-65
NEIC	V	23 09 28 02.6-1.3	4.87S	126.60E	15	4.4b		19131917
ISCJB	V	23 09 28 03.2-1.2	5.02S-09	126.6E-10	33	4.1b		
IDC	V	23 09 28 06.0-6.2	4.96S	126.47E	40-58	4.4,4.3		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
IDC	Error ellipse: s-maj=26.9km s-min=19.3km az=71.0.							
ISC	Event type se.							
IDC	Error ellipse: s-maj=40.9km s-min=26.2km az=52.0.							
ISC	V	15 20 07 01.7-3.1	7.7S-20	123.7E-30	313-34	3.4b	11	10-66
ISCJB	V	15 20 07 01.2-2.9	7.9S-20	123.6E-20	325-31	3.3b		19131542
NEIC	V	15 20 07 02.8-2.2	7.69S	123.74E	327-25	3.8b		
IDC	V	15 20 07 04.0-6.8	8.01S	123.29E	341-81	4.0,3.3		
ISC	Event type se.							
ISCJB	Event type se.							
NEIC	Event type se.							
IDC	Error ellipse: s-maj=148.6km s-min=28.8km az=52.0.							
ISC	V	23 21 50 41.4-7.0	5.0S-10	126.3E-30	35	3.8b	12	10-75
IDC	V	23 21 50 37.2-1.6	4.95S	126.13E	0	3.9,3.8		19131931
ISCJB	V	23 21 50 38.5-7.1	5.1S-10	126.4E-30	33	3.8b,3.8		
NEIC	V	23 21 50 42.7-3.0	5.21S	126.33E	58-34	3.9b,3.8		
ISC	Event type se.							
IDC	Error ellipse: s-maj=140.6km s-min=25.4km az=73.0.							
ISCJB	Event type se.							
NEIC	Event type se.							
IDC	Error ellipse: s-maj=42.3km s-min=21.4km az=60.0.							
ISC	V	24 07 27 42.4-2.2	6.9S-20	127.5E-20	423-33	4.1b	12	8-28
NEIC	V	24 07 27 36.5-8.3	6.34S	127.40E	422-31	4.6b		19131965
ISCJB	V	24 07 27 39.0-2.6	6.8S-30	127.5E-20	416-28	4.1b		
IDC	V	24 07 27 42.1-3.8	6.86S	127.39E	444-57	4.4,3.7b		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
IDC	Error ellipse: s-maj=118.6km s-min=21.4km az=174.0.							
ISC	Event type se.							
IDC	Error ellipse: s-maj=47.2km s-min=26.8km az=43.1.							
ISC	Event type se.							
IDC	Error ellipse: s-maj=79.2km s-min=51.4km az=91.0.							
IDC	V	16 07 36 16.4-7.1	7.43S	129.25E	171-72	3.3,3.1b		19599022
ISC	Event type se.							
IDC	Error ellipse: s-maj=72.0km s-min=32.4km az=63.0.							
IDC	I	28 19 30 11.0-2.2	5.92S	126.12E	0	3.9,3.7b		19487238
ISC	Event type se.							
IDC	Error ellipse: s-maj=73.4km s-min=42.9km az=69.0.							
IDC	I	26 10 22 21.1-1.0	7.22S	129.05E	113-108	3.7L,3.7		19486295
ISC	Event type se.							
IDC	Error ellipse: s-maj=106.8km s-min=39.3km az=60.0.							
IDC	I	12 02 43 06.7-6.5	4.46S	126.51E	639-107	4.0,3.0		19480536
ISC	Event type se.							
IDC	Error ellipse: s-maj=215.8km s-min=30.9km az=62.0.							
ISC	I	02 03 48 31.8-1.9	6.3S-20	127.6E-20	454-32	3.8b	16	15-66
ISCJB	I	02 03 48 29.8-3.0	6.2S-10	127.8E-20	442-45	3.8b		19476538
NEIC	I	02 03 48 31.6-1.4	6.33S	127.60E	456-26	4.5b		
IDC	I	02 03 48 32.1-8.4	6.44S	127.45E	460-117	4.0,3.2		
ISC	Event type se.							
ISCJB	Event type se.							
NEIC	Event type se.							
IDC	Error ellipse: s-maj=97.4km s-min=36.0km az=68.0.							
ISC	I	04 10 12 26.7-3.5	6.1S-10	130.9E-20	99-36	3.7b	11	13-78
IDC	I	04 10 12 17.4-2.1	6.12S	129.56E	0	4.3L,4.1		19477482
ISCJB	I	04 10 12 21.1-3.1	5.80S-09	130.7E-20	52-31	3.8b,4.1		
ISC	I	09 00 17 04.2-4.6	7.8S-20	128.0E-20	159-49	3.6b	14	10-78
IDC	I	09 00 17 00.5-1.0	7.95S	127.67E	123-106	3.8L,3.7		19479299
NEIC	I	09 00 17 03.0-4.6	7.73S	128.12E	147-50	4.2b,3.7		
ISCJB	I	09 00 17 05.8-3.2	7.9S-10	128.3E-10	201-33	3.6b,3.7		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	I	10 01 33 46.4-3.1	6.5S-20	130.3E-20	142-33	4.4b	23	12-129
NEIC	I	10 01 33 44.9-2.7	6.44S	130.37E	128-28	4.4b		19479745
IDC	I	10 01 33 46.1-7.4	6.47S	130.57E	143-72	4.3,3.9b		
ISCJB	I	10 01 33 50.5-2.4	6.86S-09	130.0E-10	208-26	4.2b,3.9b		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	I	10 14 42 53.6-1.6	7.66S-08	127.8E-10	109-17	4.6b	60	11-151
ISCJB	I	10 14 42 50.3-1.9	7.59S-08	127.7E-10	95-19	4.6b		18035785
IDC	I	10 14 42 53.0-4.3	7.60S	127.75E	102-39	4.6,4.3		
BJI	I	10 14 43 01.0	7.60S	127.60E	175	4.8b,4.7b		
NEIC	I	10 14 43 01.0-1.8	7.63S	127.59E	176-18	4.5b,4.7b		
MOS	I	10 14 43 02.6-1.6	7.59S	127.56E	204	4.1b,4.7b		
ISC	Event type se.							
ISCJB	Event type se.							
IDC	Error ellipse: s-maj=17.9km s-min=11.3km az=125.7.							
IDC	Error ellipse: s-maj=24.4km s-min=13.3km az=77.0.							
NEIC	Event type se.							
MOS	Error ellipse: s-maj=22.8km s-min=12.6km az=121.9.							
ISC	I	11 18 53 38.9-3.1	4.1S-10	129.0E-10	36-32	4.5b,3.8s	36	17-127
IDC	I	11 18 53 33.7-8.7	4.11S	128.79E	0	4.2,4.1		18185162
ISCJB	I	11 18 53 35.1-6.4	4.1S-10	128.9E-10	23-48	4.5b,3.8s		
MOS	I	11 18 53 36.2-9.0	4.10S	128.83E	30	4.8b,3.8s		
NEIC	I	11 18 53 36.4-9.1	4.06S	129.04E	18-58	4.6b,3.8s		
BJI	I	11 18 53 41.1	3.23S	128.90E	18	4.8b,4.6s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=56.6km s-min=20.0km az=75.0.							
ISCJB	Event type se.							
MOS	Error ellipse: s-maj=22.9km s-min=14.5km az=121.7.							
NEIC	Event type se.							
ISC	I	21 18 41 48.6-1.5	5.1S-10	129.3E-30	264-17	3.6b	19	13-128
IDC	I	21 18 41 40.8-2.6	4.8S-10	129.6E-30	197-26	3.6b		19484574
ISCJB	I	21 18 41 43.3-8.5	4.77S	129.59E	202-89	3.9,3.5		
NEIC	I	21 18 41 47.6-1.7	5.02S	129.21E	247-19	3.9b,3.5		
ISC	Event type se.							
ISCJB	Event type se.							
IDC	Error ellipse: s-maj=51.3km s-min=9.5km az=130.5.							
IDC	Error ellipse: s-maj=166.9km s-min=25.2km az=71.0.							
NEIC	Event type se.							
ISC	I	23 03 35 04.8-2.0	5.69S-09	129.2E-20	245-22	3.8b	17	13-128
ISCJB	I	23 03 35 00.5-2.0	5.56S-07	129.0E-10	214-21	3.8b		19485045
NEIC	I	23 03 35 00.8-8.0	5.45S	129.27E	200	4.7b		
IDC	I	23 03 35 05.0-7.7	5.64S	129.07E	245-80	4.2,3.6		
ISC	Event type se.							
ISCJB	Event type se.							
NEIC	Event type se.							
IDC	Error ellipse: s-maj=21.4km s-min=9.0km az=137.9.							
IDC	Error ellipse: s-maj=25.6km s-min=11.0km az=69.0.							
IDC	Error ellipse: s-maj=34.3km s-min=22.7km az=72.0.							
ISC	I	23 09 18 56.5-3.0	7.4S-10	129.8E-20	146-26	3.6b	19	11-72
NEIC	I	23 09 18 38.5-1.3	6.26S	130.00E	15	3.8b		19485105
IDC	I	23 09 18 44.4-8.0	7.06S	129.11E	78-75	4.4L,4.0		
ISCJB	I	23 09 18 56.4-2.6	7.3S-10	129.7E-10	181-27	3.6b,4.0		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	I	25 03 30 36.4-2.3	7.2S-10	127.2E-20	335-30	3.4b	13	11-67
ISCJB	I	25 03 30 32.6-3.1	7.2S-10	127.1E-20	314-40	3.5b		19485731
IDC	I	25 03 30 36.9-1.1	7.28S	127.34E	342-134	4.6,3.9		
NEIC	I	25 03 30 36.4-3.2	7.26S	127.21E	337-41	4.1b,3.9		
ISC	Event type se.							
ISCJB	Event type se.							
IDC	Error ellipse: s-maj=32.8km s-min=16.3km az=106.2.							

IDC	Error ellipse: s-maj=70.5km s-min=25.1km az=79.0.							
NEIC	Event type se.							
ISC	I	31 18 21 51.4-1.6	6.74S-06	129.90E-09	164-17	3.9b	26	12-72
IDC	I	31 18 21 47.7-9.3	7.02S	129.05E	123-96	4.1L,4.1		19488430
NEIC	I	31 18 21 49.2-3.5	6.48S	129.89E	140-38	4.2b,4.1		
ISCJB	I	31 18 21 52.3-2.3	6.70S-07	130.2E-10	195-25	3.8b,4.1		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	I	01 19 32 40.8-7.4	7.16S-03	129.52E-04	169-6	5.1b	237	6-160
MOS	I	01 19 32 33.9-9.2	7.04S	129.34E	118	5.4b		17997718
BJI	I	01 19 32 35.9	7.16S	129.64E	150	5.0b,5.0b		
HRVD	I	01 19 32 37.8-2.0	7.31S	129.33E	144-2	5.1W,5.0b		
NEIC	I	01 19 32 37.8-1.1	7.10S	129.37E	141-9	5.1b,5.0b		
ISCJB	I	01 19 32 38.4-8.0	7.18S-03	129.50E-04	164-7	5.1b,5.0b		
IDC	I	01 19 32 39.4-1.3	7.07S	129.41E	152-10	5.2,4.8b		
CSEM	I	01 19 32 39.8	7.67S	129.36E	200	5.8b,4.8b		
ISC	Event type se.							

Azm348.0000°; N 1.4730,Plg10.0000°,Azm86.0000°; P -9.2950,Plg48.0000°,Azm188.0000°
 M#8.55900x1016
 NEIC Event type se. Error ellipse: s-maj=6.2km s-min=3.7km az=70.0.
 IDC Error ellipse: s-maj=12.5km s-min=5.9km az=73.0.
 ISC IV 15 09 39 52.1-1.4 6.89S-08 130.0E-10 150 3.3b 13 6-68
 IDC IV 15 09 39 35.1-2.2 6.03S 130.26E 0 3.8,3.7L 19594954
 ISCJB IV 15 09 39 50.2-1.5 6.77S-09 130.0E-10 150 3.3b,3.7L
 ISC IV 04 07 37 28.5-2.9 6.8S-10 130.1E-10 117-38 11 12-146
 ISCJB IV 04 07 37 23.9-2.8 6.7S-10 130.1E-10 88-48 19594227
 NEIC IV 04 07 37 23.3-6.7 6.36S 129.90E 117-51 4.4b
 IDC IV 04 07 37 30.8-5.4 6.90S 129.65E 170-42 4.3,3.8
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=22.6km s-min=14.7km az=80.2.
 NEIC Event type se. Error ellipse: s-maj=59.4km s-min=20.2km az=163.0.
 IDC Error ellipse: s-maj=39.7km s-min=36.3km az=157.0.

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IDC IV 26 17 49 03.3-7.2 7.17S 130.07E 207-79 3.4,2.9 19598043
 IDC Error ellipse: s-maj=129.4km s-min=31.7km az=73.0.
 IDC IV 16 17 14 03.9-7.7 7.89S 130.54E 77-84 3.4L,3.4 19595029
 IDC Error ellipse: s-maj=53.9km s-min=43.6km az=35.0.
 ISC IV 29 23 29 35.6-4.9 7.5S-20 132.0E-10 118-58 3.4b 12 12-70
 IDC IV 29 23 29 21.9-2.7 6.97S 131.04E 0 3.7,3.6b 19598225
 NEIC IV 29 23 29 29.6-5.5 7.18S 131.89E 60-58 3.7,3.6b
 ISCJB IV 29 23 29 34.9-3.2 7.5S-10 131.7E-10 132-38 3.3b,3.6b
 ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.
 IDC VI 27 16 30 04.3-13 8.79S 130.13E 299-177 3.3,2.8b 19600530

IDC Error ellipse: s-maj=126.1km s-min=91.2km az=83.0.
 ISC III 06 02 36 58.6-2.3 7.0S-10 131.1E-20 153-24 4.6b 14 6-69
 IDC III 06 02 36 43.4-2.3 6.55S 130.19E 0 4.2L,4.2 110598179
 NEIC III 06 02 36 45.9-1.2 6.27S 131.12E 30 4.7b,4.2
 ISCJB III 06 02 36 58.2-2.2 6.96S-10 131.0E-10 169-24 4.6b,4.2
 ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.
 ISC III 21 16 57 25.4-1.5 8.29S-10 130.22E-10 35 3.9b 13 11-69
 IDC III 21 16 57 15.4-1.3 7.76S 129.93E 0 4.1,4.0b 110607942
 NEIC III 21 16 57 18.2-91 7.62S 129.97E 20 4.1b,4.0b
 ISCJB III 21 16 57 22.9-1.8 8.3S-10 130.2E-10 33 3.9b,4.0b
 ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.

ISC IV 14 20 59 13.8-2.4 7.6S-10 130.4E-10 94-29 3.8b 17 5-150
 IDC IV 14 20 59 04.8-1.3 7.31S 130.30E 0 4.3,4.2 19594924
 ISCJB IV 14 20 59 11.6-1.9 7.56S-08 130.3E-10 91-21 3.8b,4.2
 IDC III 21 16 52 52.5-1.2 7.75S 130.02E 0 4.0,3.9L 110607958

IDC Error ellipse: s-maj=44.4km s-min=21.2km az=70.0.
 ISC VI 15 01 29 49.2-5.2 7.09S-08 130.4E-20 100 3.9b 41 6-145
 MOS VI 15 01 29 43.7-8.0 6.99S 130.32E 62 4.3b 18855365
 IDC VI 15 01 29 45.2-4.9 6.92S 130.54E 61-43 4.9L,4.2
 ISCJB VI 15 01 29 47.3-5.2 7.08S-06 130.5E-20 100 3.9b,4.2
 NEIC VI 15 01 29 47.6-1.9 6.99S 130.54E 85-18 4.1b,4.2
 ISC Event type se.
 MOS Error ellipse: s-maj=71.9km s-min=11.0km az=109.3.
 IDC Error ellipse: s-maj=76.4km s-min=19.6km az=68.0.
 ISCJB Event type se. Error ellipse: s-maj=25.2km s-min=5.2km az=147.1.
 NEIC Event type se. Error ellipse: s-maj=24.3km s-min=12.4km az=62.0.
 ISC VI 19 10 46 13.4-1.4 7.35S-06 130.2E-10 161-15 4.0b 25 6-150
 ISCJB VI 19 10 46 08.0-1.6 7.09S-06 130.1E-10 108-17 4.1b 19222271
 NEIC VI 19 10 46 08.3-2.7 7.00S 130.17E 98-27 4.2b
 IDC VI 19 10 46 12.3-6.0 7.16S 129.78E 131-57 4.4,4.0

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=18.0km s-min=10.0km az=168.2.
 NEIC Event type se. Error ellipse: s-maj=22.5km s-min=21.2km az=88.0.
 IDC Error ellipse: s-maj=47.8km s-min=20.3km az=55.0.
 ISC VI 25 22 48 23.5-2.5 7.81S-04 130.08E-06 4-15 4.8b,3.9s 99 5-154
 ISCJB VI 25 22 48 22.7-2.1 7.84S-04 130.06E-07 13-13 4.8b,3.9s 18750745
 IDC VI 25 22 48 24.3-5.3 7.57S 129.99E 0 4.6,4.6b
 MOS VI 25 22 48 27.6-1.3 7.51S 130.07E 33 5.1b,4.6b
 BJI VI 25 22 48 27.8 7.70S 130.00E 35 4.9b,4.7b
 NEIC VI 25 22 48 28.8-3.3 7.69S 129.98E 35 4.6b,4.7b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.5km s-min=5.2km az=140.7.
 IDC Error ellipse: s-maj=26.2km s-min=14.4km az=76.0.
 MOS Error ellipse: s-maj=15.6km s-min=9.2km az=114.5.
 NEIC Event type se. Error ellipse: s-maj=11.2km s-min=7.7km az=74.0.
 ISC III 28 21 39 18.4-3.3 7.6S-20 130.5E-30 160-33 3.8b 9 5-69
 IDC III 28 21 39 02.2-2.2 6.82S 130.65E 0 4.0L,3.9 110612538
 ISCJB III 28 21 39 16.6-3.5 7.5S-20 130.5E-30 158-36 3.8b,3.9
 IDC II 01 03 57 41.2-1.5 7.52S 130.06E 0 4.1L,4.1 19569348

IDC Error ellipse: s-maj=124.0km s-min=25.8km az=64.0.
 IDC II 02 19 05 27.2-2.2 7.65S 130.01E 0 3.6,3.5L 19569583
 IDC Error ellipse: s-maj=133.0km s-min=32.0km az=68.0.
 ISC II 05 02 52 39.1-2.4 7.15S-04 131.69E-08 35-17 4.5b,4.0s 67 12-150
 ISCJB II 05 02 52 32.8-2.4 7.05S-05 131.65E-09 3-15 4.5b,4.0s 18083631
 IDC II 05 02 52 35.3-7.3 6.81S 131.63E 0 4.5,4.5
 NEIC II 05 02 52 36.1-3.7 6.93S 131.59E 10 4.6b,4.5
 BJI II 05 02 52 37.5 6.60S 131.28E 10 4.9b,4.7b
 MOS II 05 02 52 38.2-6.5 6.73S 131.81E 34 4.7b,4.7b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=14.7km s-min=6.7km az=148.6.
 IDC Error ellipse: s-maj=42.1km s-min=17.0km az=65.0.
 NEIC Event type se. Error ellipse: s-maj=13.1km s-min=7.4km az=56.0.
 MOS Error ellipse: s-maj=24.1km s-min=10.6km az=126.4.
 ISC II 05 03 13 56.4-7.8 7.20S-05 131.6E-10 35 3.8b 15 12-80
 ISCJB II 05 03 13 54.0-7.9 7.22S-05 131.5E-10 33 3.8b 19569865
 NEIC II 05 03 13 55.3-1.8 7.00S 132.30E 35 3.9b
 IDC II 05 03 13 58.7-11 7.20S 132.30E 75-136 3.6,3.5L

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=20.8km s-min=7.0km az=164.1.
 NEIC Event type se. Error ellipse: s-maj=17.1km s-min=10.3km az=77.0.
 IDC Error ellipse: s-maj=133.8km s-min=62.2km az=88.0.
 ISC II 07 00 06 37.3-5.6 6.03S-07 131.7E-20 35 4.3b 31 14-150
 IDC II 07 00 06 32.5-1.1 5.82S 131.88E 0 4.2L,4.2 19570076
 ISCJB II 07 00 06 34.9-6.1 6.05S-07 131.7E-20 33 4.3b,4.2
 NEIC II 07 00 06 38.4-4.6 6.17S 131.32E 35 4.3b,4.2
 ISC Event type se.
 IDC Error ellipse: s-maj=76.2km s-min=28.7km az=69.0.
 ISCJB Event type se. Error ellipse: s-maj=26.9km s-min=5.1km az=143.6.
 NEIC Event type se. Error ellipse: s-maj=25.8km s-min=7.1km az=61.0.
 ISC II 19 02 12 20.3-2.7 7.0S-10 131.0E-20 48-30 4.1b 25 6-85
 IDC II 19 02 12 14.2-1.1 6.95S 131.00E 0 4.3,4.2b 19571361
 NEIC II 19 02 12 19.8-2.3 6.99S 130.93E 42-26 4.1b,4.2b
 ISCJB II 19 02 12 24.5-1.8 7.31S-08 131.1E-20 119-19 4.0b,4.2b

ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.
 IDC Error ellipse: s-maj=76.2km s-min=28.7km az=69.0.
 ISC II 22 16 15 28.3-2.9 7.6S-10 130.8E-10 177-32 3.7b 12 12-69
 IDC II 22 16 15 11.6-1.8 6.90S 130.50E 0 4.2,4.1L 19579324
 ISCJB II 22 16 15 27.0-3.0 7.4S-10 130.7E-10 176-33 3.7b,4.1L
 ISC II 26 09 00 52.0-3.2 7.2S-10 130.6E-10 118-34 3.8b 16 12-93
 NEIC II 26 09 00 46.1-3.5 6.83S 130.50E 49-40 4.4b 19579873
 ISCJB II 26 09 00 48.7-8.4 7.07S-06 130.5E-10 100 3.8b

IDC II 26 09 00 51.7-14 6.97S 130.80E 117-150 4.5L,4.1
 ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=29.2km s-min=24.2km az=194.0.
 ISCJB Event type se. Error ellipse: s-maj=16.4km s-min=8.0km az=159.4.
 IDC Error ellipse: s-maj=95.7km s-min=53.6km az=36.0.
 IDC IV 22 06 14 42.4-2.6 6.70S 132.11E 0 4.1b,3.8 19597702
 IDC Error ellipse: s-maj=107.2km s-min=28.2km az=81.0.
 ISC II 26 20 25 11.4-2.7 8.86S-04 130.67E-08 33-19 4.6b,4.1s 42 10-149
 IDC II 26 20 25 07.3-9.8 8.64S 130.67E 0 4.4,4.3 18438873
 ISCJB II 26 20 25 08.8-3.8 8.91S-03 130.67E-07 33 4.6b,4.1s
 BJI II 26 20 25 10.2 8.80S 130.70E 35 5.3b,4.9s
 NEIC II 26 20 25 11.3-4.8 8.76S 130.73E 35 4.5b,4.9s

ISC Event type se.
 IDC Error ellipse: s-maj=68.6km s-min=19.7km az=63.0.
 ISCJB Event type se. Error ellipse: s-maj=10.7km s-min=4.3km az=164.3.
 NEIC Event type se. Error ellipse: s-maj=17.6km s-min=7.1km az=81.0.
 IDC II 27 15 16 55.2-1.8 8.93S 130.58E 0 3.9b,3.8 19579987
 IDC Error ellipse: s-maj=95.2km s-min=24.7km az=70.0.
 IDC II 27 15 33 40.9-1.9 8.93S 130.63E 0 4.1b,4.0 19579990
 IDC Error ellipse: s-maj=97.4km s-min=24.7km az=70.0.
 ISC II 27 19 26 57.9-8.5 9.0S-20 130.2E-06 35 3.9b 12 12-74
 IDC II 27 19 26 53.0-1.3 8.86S 130.32E 0 4.0,3.9b 19580010
 NEIC II 27 19 26 54.4-7.5 8.97S 130.08E 10 4.1b,3.9b
 ISCJB II 27 19 26 55.2-9.3 8.9S-20 130.6E-70 33 3.9b,3.9b

ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.
 IDC II 27 20 55 32.0-2.0 9.00S 130.12E 0 3.6b,3.5 19580017
 IDC Error ellipse: s-maj=123.2km s-min=31.5km az=67.0.
 IDC II 27 21 17 19.2-2.1 9.00S 130.09E 0 3.4s,3.4 19580020
 IDC Error ellipse: s-maj=100.9km s-min=28.2km az=67.0.
 IDC II 28 06 48 34.7-1.1 8.36S 131.92E 0 4.0,3.9b 19580057
 IDC Error ellipse: s-maj=93.3km s-min=22.5km az=72.0.
 ISC V 16 01 39 08.6-3.3 6.48S-06 131.16E-07 23-25 4.6b 55 6-150
 IDC V 16 01 39 04.7-7.4 6.40S 131.12E 0 5.1L,4.6 19131553
 ISCJB V 16 01 39 07.9-3.5 6.57S-04 131.05E-07 33 4.6b,4.6
 NEIC V 16 01 39 10.0-3.2 6.42S 131.10E 35 4.7b,4.6

ISC Event type se.
 IDC Error ellipse: s-maj=29.1km s-min=15.6km az=69.0.
 ISCJB Event type se. Error ellipse: s-maj=9.7km s-min=5.2km az=142.5.
 NEIC Event type se. Error ellipse: s-maj=9.6km s-min=5.9km az=59.0.
 IDC V 02 07 02 02.6-2.2 7.74S 130.39E 0 3.6b,3.6 19598365
 IDC Error ellipse: s-maj=81.2km s-min=28.7km az=78.0.
 NEIC V 02 02 55 06.9-5.5 8.81S 130.45E 35 4.1,4.0L 19130692
 IDC V 02 02 54 56.7-6.6 8.28S 130.35E 0 4.1,4.0L
 NEIC Event type se. Error ellipse: s-maj=67.3km s-min=29.9km az=178.0.
 IDC Error ellipse: s-maj=82.1km s-min=52.0km az=151.0.
 ISC V 05 03 00 55.2-4.0 6.17S-05 131.4E-10 10-25 4.2b,4.1s 40 7-150
 ISCJB V 05 03 00 53.0-4.3 6.21S-04 131.4E-10 10 4.2b,4.1s 19130829
 IDC V 05 03 00 54.0-7.0 6.07S 131.42E 0 4.4,4.4L
 NEIC V 05 03 00 55.2-3.9 6.17S 131.35E 10 4.2b,4.4L

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=17.8km s-min=5.8km az=162.6.
 IDC Error ellipse: s-maj=32.7km s-min=15.9km az=71.0.
 NEIC Event type se. Error ellipse: s-maj=16.2km s-min=6.6km az=80.0.
 IDC V 12 19 20 33.8-12 7.11S 130.86E 95-136 3.5,3.4L 19598817
 IDC Error ellipse: s-maj=82.6km s-min=53.4km az=25.0.
 IDC V 15 07 24 45.1-9.3 7.10S 131.36E 179-70 3.8,3.4b 19598900
 IDC Error ellipse: s-maj=250.4km s-min=64.4km az=85.0.
 IDC I 17 05 14 46.7-2.0 6.84S 131.03E 0 4.1,4.0b 19482257

IDC Error ellipse: s-maj=120.1km s-min=39.6km az=73.0.
 ISC I 08 19 34 46.2-1.5 7.84S-09 130.5E-10 35 3.8b 8 11-69
 IDC I 08 19 34 40.4-1.6 7.69S 130.20E 0 4.3,4.0b 19479107
 ISCJB I 08 19 34 49.9-3.8 8.0S-10 130.6E-10 115-42 3.7b,3.9
 ISC I 27 03 37 32.7-1.5 7.28S-07 132.08E-08 62-16 4.7b 56 12-131
 IDC I 27 03 37 24.9-8.1 6.89S 132.26E 0 4.4,4.4
 MOS I 27 03 37 28.2-1.3 7.14S 132.26E 41 4.9b,4.4
 ISCJB I 27 03 37 32.1-1.9 7.33S-06 132.02E-08 80-18 4.6b,4.4
 BJI I 27 03 37 43.0 7.80S 132.00E 200 4.8b,4.3b
 NEIC I 27 03 37 44.5-2.8 7.85S 132.02E 200-34 4.5b,4.3b
 ISC Event type se.
 IDC Error ellipse: s-maj=32.4km s-min=17.2km az=74.0.
 MOS Error ellipse: s-maj=23.3km s-min=9.8km az=111.9.
 ISCJB Event type se. Error ellipse: s-maj=14.4km s-min=8.2km az=132.7.
 NEIC Event type se. Error ellipse: s-maj=21.7km s-min=10.9km az=172.0.

ISC I 14 16 30 00.9-1.7 6.2S-20 132.6E-20 35 3.8b,3.6s 7 14-92
 IDC I 14 16 29 56.4-4.9 6.13S 132.89E 0 4.3,4.0b 19481427
 ISCJB I 14 16 29 59.1-1.7 6.3S-20 132.5E-30 33 3.8b,3.6s
 ISC V 18 01 32 17.4-9.8 7.59S 130.21E 0 4.2L,4.2 19131671
 IDC V 18 01 32 17.4-9.8 7.59S 130.21E 0 4.2L,4.2
 NEIC V 18 01 32 18.4-5.5 6.62S 130.27E 10 3.7b,4.2
 ISCJB V 18 01 32 22.4-2.8 7.94S-07 130.08E-09 68-28 3.8b,4.2
 ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.
 IDC Error ellipse: s-maj=97.5km s-min=44.3km az=52.0.
 ISC IV 17 02 58 39.2-8.4 6.56S-05 133.0E-10 35 3.1b 20 13-70
 IDC IV 17 02 58 32.6-2.9 6.38S 133.34E 0 3.7,3.6L 19595060
 ISCJB IV 17 02 58 37.0-8.5 6.62S-05 132.9E-10 33 3.1b,3.6L
 NEIC IV 17 02 58 38.5-7.4 6.47S 133.05E 35 3.1b,3.6L

ISC Event type se.
 IDC Error ellipse: s-maj=115.1km s-min=29.4km az=83.0.
 ISCJB Event type se. Error ellipse: s-maj=17.5km s-min=6.8km az=161.8.
 NEIC Event type se. Error ellipse: s-maj=22.6km s-min=8.3km az=77.0.

(282) South of Jawa.

IDC IV 27 23 23 17.9-1.0 9.8S-20 110.1E-20 35 4.1b 14 17-118
 IDC IV 27 23 23 12.4-1.5 9.84S 109.97E 0 4.1,4.0b 19598108
 ISCJB IV 27 23 23 15.7-1.0 9.8S-20 110.1E-20 33 4.0b,4.0b
 NEIC IV 27 23 23 17.8-8.4 9.81S 110.10E 35 4.0b,4.0b
 ISC Event type se.
 IDC Error ellipse: s-maj=60.1km s-min=19.4km az=47.0.
 ISCJB Event type se. Error ellipse: s-maj=39.3km s-min=11.1km az=99.4.
 NEIC Event type se. Error ellipse: s-maj=34.5km s-min=9.7km az=50.0.
 IDC IV 19 02 18 24.2-1.9 10.02S 109.72E 0 3.7,3.6b 19597481
 IDC Error ellipse: s-maj=97.9km s-min=22.6km az=45.0.
 ISC IV 24 17 03 54.7-1.5 10.4S-20 109.5E-30 35 3.8b 11 15-119
 IDC IV 24 17 03 50.3-2.3 10.23S 109.53E 0 3.9b,3.9 19597876
 ISCJB IV 24 17 03 52.3-1.4 10.4S-20 109.5E-30 33 3.8b,3.9
 NEIC IV 24 17 03 56.0-1.6 10.54S 109.47E 50 4.2b,3.9
 ISC Event type se.
 IDC Error ellipse: s-maj=121.1km s-min=18.0km az=48.0.
 ISCJB Event type se. Error ellipse: s-maj=51.7km s-min=12.4km az=104.8.
 NEIC Event type se. Error ellipse: s-maj=74.6km s-min=14.3km az=50.0.
 ISC IV 20 23 17 22.9-1.1 10.1S-30 109.8E-30 35 3.9b 18 15-86
 IDC IV 20 23 17 17.4-1.6 10.09S 109.76E 0 4.1L,4.1 19597569
 ISCJB IV 20 23 17 20.9-1.1 10.0S-30 109.9E-30 33 3.9b,4.1
 NEIC IV 20 23 17 22.8-8.8 10.06S 109.86E 35 4.0b,4.1

BJI	IV	13 20 18 22.0	9.20S	119.30E	44	5.1b,4.8b			
ISCJB	IV	13 20 18 23.9-1.6	9.21S-08	119.44E-10	73-15	4.5b,4.8b			
IDC	IV	13 20 18 23.1-3.4	9.22S	119.31E	47-34	4.4L,4.4			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=16.8km s-min=6.8km az=57.0.								
ISCJB	Event type se. Error ellipse: s-maj=19.9km s-min=5.8km az=106.8.								
IDC	Error ellipse: s-maj=41.7km s-min=15.3km az=64.0.								
IDC	IV	27 15 56 52.5-4.2	9.45S	120.44E	230-44	3.4,3.2b			
IDC	Error ellipse: s-maj=128.1km s-min=14.4km az=51.0.								
ISC	IV	30 15 21 10.9-1.8	9.18S-08	120.1E-10	47-20	4.6b	35	10-145	
ISCJB	IV	30 15 21 07.0-4.1	9.01S-07	120.31E-08	33	4.6b			19598268
NEIC	IV	30 15 21 09.8-1.4	9.14S	120.00E	36-14	4.2b			
IDC	IV	30 15 21 12.2-2.7	9.14S	120.11E	64-24	4.3,4.2L			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=13.7km s-min=6.3km az=98.1.								
NEIC	Event type se. Error ellipse: s-maj=12.4km s-min=9.4km az=71.0.								
IDC	Error ellipse: s-maj=38.6km s-min=14.8km az=61.0.								
IDC	III	03 20 25 42.9-3.0	10.17S	119.73E	0	3.7b,3.6			10596783
IDC	Error ellipse: s-maj=253.3km s-min=28.2km az=50.0.								
ISC	III	25 06 42 07.2-66	10.94S-08	119.3E-10	35	4.1b	21	9-71	
IDC	III	25 06 42 03.0-1.1	10.91S	118.93E	0	4.1,4.0L			10610119
ISCJB	III	25 06 42 04.3-7.0	11.01S-09	119.31E-10	33	4.1b,4.0L			
NEIC	III	25 06 42 07.7-69	10.94S	119.04E	40	4.4b,4.0L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=52.8km s-min=19.3km az=63.0.								
ISCJB	Event type se. Error ellipse: s-maj=17.3km s-min=6.3km az=98.4.								
NEIC	Event type se. Error ellipse: s-maj=20.2km s-min=10.1km az=65.0.								
IDC	VI	06 15 49 38.1-2.3	9.60S	119.26E	0	3.4b,3.3			19599848
IDC	Error ellipse: s-maj=201.8km s-min=25.1km az=52.0.								
ISC	III	13 10 25 10.3-1.3	9.5S-30	120.3E-50	35	3.9b,3.5s	6	10-70	
IDC	III	13 10 25 07.5-2.5	9.38S	120.35E	0	3.9b,3.9			10602967
ISCJB	III	13 10 25 07.4-1.3	9.7S-30	120.1E-50	33	3.9b,3.5s			
ISC	II	11 23 32 00.8-8.5	9.2S-20	119.8E-20	35	4.0b	11	18-114	
IDC	II	11 23 31 54.0-1.5	9.64S	119.09E	0	4.1,4.0			19570537
ISCJB	II	11 23 31 58.3-8.5	9.0S-20	120.3E-20	33	4.0b,4.0			
NEIC	II	11 23 32 00.2-88	9.27S	119.67E	30	3.8b,4.0			
ISC	Event type se.								
IDC	Error ellipse: s-maj=75.8km s-min=19.8km az=57.0.								
ISCJB	Event type se. Error ellipse: s-maj=32.3km s-min=9.9km az=102.4.								
NEIC	Event type se. Error ellipse: s-maj=38.5km s-min=14.8km az=63.0.								
ISC	II	15 16 05 57.1-2.2	9.8S-20	120.0E-20	107-28	3.9b	15	11-66	
IDC	II	15 16 05 46.0-1.1	9.28S	120.23E	0	4.1L,4.1			19570946
ISCJB	II	15 16 05 55.7-2.0	9.7S-10	120.1E-10	110-23	3.9b,4.1			
NEIC	II	15 16 05 55.2-2.1	9.62S	120.04E	80-26	3.9b,4.1			
ISC	Event type se.								
IDC	Error ellipse: s-maj=70.5km s-min=19.1km az=51.0.								
ISCJB	Event type se. Error ellipse: s-maj=32.1km s-min=9.2km az=93.1.								
NEIC	Event type se. Error ellipse: s-maj=32.2km s-min=10.1km az=224.0.								
NEIC	V	02 05 39 19.9-1.5	9.08S	119.10E	36-23	0	3.6,3.5		19130699
IDC	V	02 05 39 14.4-2.5	9.20S	118.81E	0	3.6,3.5			
NEIC	Event type se. Error ellipse: s-maj=39.5km s-min=9.7km az=54.0.								
IDC	Error ellipse: s-maj=209.5km s-min=26.3km az=52.0.								
IDC	V	07 11 19 43.5-11	9.32S	120.70E	0	4.1b,3.7			19598608
IDC	Error ellipse: s-maj=186.3km s-min=14.2km az=72.0.								
ISC	V	10 01 18 03.1-21	9.18S-40	120.33E-05	84	5.0b	162	0-153	
MOS	V	10 01 17 56.4-1.3	8.91S	120.31E	33	5.2b			18338709
BJI	V	10 01 18 01.2	9.10S	120.40E	80	5.1b,5.0b			
ISCJB	V	10 01 18 01.2-20	9.11S-04	120.35E-05	82	5.0b,5.0b			
HRVD	V	10 01 18 03.3-20	9.12S	120.49E	98-2	5.0W,5.0b			
IDC	V	10 01 18 03.2-49	8.92S	120.29E	79-4	4.9,4.6			
NEIC	V	10 01 18 03.3-22	9.06S	120.35E	80	5.0b,4.6			
ISC	Event type fe.								
MOS	Error ellipse: s-maj=13.2km s-min=6.5km az=120.3.								
ISCJB	Event type fe. Error ellipse: s-maj=7.4km s-min=3.9km az=115.6.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s42,c56; Mantle waves: s83,c133; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mir: 1.77±15; M ₀ : 3.26±15; M ₀ : 1.50±19; M ₀ : 2.33±09; M ₀ : 0.80±14; M ₀ : 1.97±10; Best double couple: NP1: 0.117, 0.00000°, 0.833, 0.00000°, λ: 29.00000°; NP2: 0.232, 0.00000°, 0.874, 0.00000°, λ: 120.00000°; Principal axes: T: 4.5490, P1g24.0000°, Azm344.0000°; N: -0.7250, P1g28.0000°, Azm240.0000°; P: -3.8340, P1g51.0000°, Azm108.0000°; M4: 1.9100×10 ¹⁶								
IDC	Error ellipse: s-maj=16.6km s-min=9.9km az=64.0.								
NEIC	Event type fe. Error ellipse: s-maj=10.8km s-min=5.8km az=52.0. Felt [III] at Waingapu and [II] at Bima and Labuhanbajo.								
ISC	I	24 15 49 29.1-4.0	9.77S-07	120.82E-09	0-25	4.6b,3.8s	56	10-153	
IDC	I	24 15 49 29.0-59	9.70S	120.82E	0	4.5,4.5b			18079202
MOS	I	24 15 49 30.3-1.1	9.71S	120.87E	24	4.6b,4.5b			
ISCJB	I	24 15 49 31.7-32	9.78S-07	120.91E-09	33	4.5b,3.8s			
BJI	I	24 15 49 31.9	9.80S	120.80E	20	5.1b,4.6b			
NEIC	I	24 15 49 31.9-27	9.75S	120.85E	20	4.4b,4.6b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=26.8km s-min=16.4km az=49.0.								
MOS	Error ellipse: s-maj=20.2km s-min=10.3km az=124.6.								
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=5.7km az=107.2.								
NEIC	Event type se. Error ellipse: s-maj=12.2km s-min=5.6km az=54.0.								
(288) Savu Sea.									
IDC	VI	11 03 15 46.0-2.0	10.45S	121.49E	0	3.7,3.6b			19599957
IDC	Error ellipse: s-maj=165.5km s-min=27.6km az=56.0.								
IDC	III	26 02 00 00.9-1.6	9.28S	122.19E	0	3.9b,3.7			10610724
IDC	Error ellipse: s-maj=150.3km s-min=25.2km az=59.0.								
ISC	III	31 19 10 00.8-2.0	9.0S-10	121.1E-10	99-18	4.0b	19	10-65	
IDC	III	31 19 09 48.9-1.5	9.05S	120.60E	0	4.3,4.2L			10614639
ISCJB	III	31 19 09 55.3-2.5	8.9S-10	121.1E-10	63-23	4.1b,4.2L			
NEIC	III	31 19 09 58.1-2.2	9.21S	120.57E	80-23	4.4b,4.2L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=130.5km s-min=18.4km az=59.0.								
ISCJB	Event type se. Error ellipse: s-maj=23.4km s-min=12.4km az=103.3.								
NEIC	Event type se. Error ellipse: s-maj=21.9km s-min=18.0km az=224.0.								
IDC	III	17 18 47 40.7-5.8	10.56S	122.80E	86-59	3.6,3.5b			10605551
IDC	Error ellipse: s-maj=76.5km s-min=29.9km az=52.0.								
IDC	III	14 18 16 36.8-1.9	9.68S	122.13E	0	3.6,3.6b			10603741
IDC	Error ellipse: s-maj=165.3km s-min=22.8km az=58.0.								
ISC	II	21 19 06 11.0-2.3	10.24S-05	121.47E-06	17-14	4.7b,4.0s	139	9-152	
ISCJB	II	21 19 06 07.2-2.1	10.21S-05	121.44E-06	6-13	4.7b,4.0s			18335672
IDC	II	21 19 06 08.9-51	10.17S	121.34E	0	4.7,4.6			
BJI	II	21 19 06 08.9	10.67S	121.67E	41	4.9b,4.8s			
MOS	II	21 19 06 11.3-1.4	10.22S	121.45E	33	4.9b,4.8s			
NEIC	II	21 19 06 12.3-26	10.29S	121.28E	25	4.9b,4.8s			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=11.7km s-min=6.5km az=118.1.								
IDC	Error ellipse: s-maj=24.6km s-min=14.0km az=69.0.								
MOS	Error ellipse: s-maj=12.7km s-min=6.8km az=114.7.								
NEIC	Event type se. Error ellipse: s-maj=11.3km s-min=5.6km az=66.0.								
IDC	II	21 19 45 15.1-2.1	9.12S	122.84E	0	3.3b,3.3			19579202
IDC	Error ellipse: s-maj=251.6km s-min=30.7km az=55.0.								
IDC	IV	12 15 42 15.2-1.6	9.23S	122.36E	0	4.0b,3.5			19594739
IDC	Error ellipse: s-maj=153.9km s-min=25.2km az=59.0.								
IDC	V	01 17 27 25.0-1.6	9.93S	121.85E	0	3.6b,3.5			19598341

IDC	Error ellipse: s-maj=154.8km s-min=25.0km az=57.0.								
ISC	V	08 21 49 18.2-96	10.54S-06	121.40E-06	38-10	4.6b,3.8s	73	1-147	
BJI	V	08 21 49 08.4	11.25S	121.82E	25	5.0b,4.8b			18647717
MOS	V	08 21 49 15.6-81	10.42S	121.49E	33	4.7b,4.8b			
ISCJB	V	08 21 49 16.8-1.0	10.58S-05	121.43E-06	50-10	4.6b,3.8s			
IDC	V	08 21 49 16.4-4.3	10.43S	121.40E	22-27	4.5,4.4			
NEIC	V	08 21 49 17.2-38	10.44S	121.31E	25	4.6b,4.4			
ISC	Event type se.								
MOS	Error ellipse: s-maj=23.5km s-min=8.9km az=124.9.								
ISCJB	Event type se. Error ellipse: s-maj=11.3km s-min=6.6km az=93.9.								
IDC	Error ellipse: s-maj=28.9km s-min=13.6km az=59.0.								
NEIC	Event type se. Error ellipse: s-maj=15.4km s-min=7.5km az=57.0.								
ISC	I	24 06 12 12.4-3.9	10.0S-30	121.9E-40	44-44	4.2b,3.6s	8	9-121	
IDC	I	24 06 12 06.0-1.2	10.05S	121.72E	0	4.4,4.2			19485409
ISCJB	I	24 06 12 09.9-5.6	10.1S-30	121.8E-40	44-59	4.2b,3.6s			
ISC	IV	04 03 12 06.3-2.4	9.1S-10	123.0E-10	106-16	3.6b	17	9-66	
ISCJB	IV	04 03 11 58.7-2.5	8.7S-10	122.8E-20	87-26	3.6b			19594222
IDC	IV	04 03 12 11.8-3.1	10.41S	120.69E	219-34	3.9,3.4b			
NEIC	IV	04 03 12 37.8-1.2	11.36S	123.74E	250	3.9b,3.4b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=38.8km s-min=16.5km az=115.8.								
IDC	Error ellipse: s-maj=80.1km s-min=14.9km az=51.0.								
NEIC	Event type se. Error ellipse: s-maj=40.1km s-min=13.8km az=216.0.								
(289) Timor region.									
ISC	IV	16 08 12 05.4-2.0	8.8S-10	125.3E-10	150-23	3.9b	17	8-81	
ISCJB	IV	16 08 12 00.7-2.0	8.63S-09	125.2E-10	118-23	4.0b			19595014
IDC	IV	16 08 12 05.8-5.6	8.88S	125.15E	158-63	3.8,3.4			
NEIC	IV	16 08 12 06.3-2.5	8.92S	125.18E	163-29	4.3b,3.4			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=22.7km s-min=11.6km az=124.1.								
IDC	Error ellipse: s-maj=64.4km s-min=27.9km az=55.0.								
NEIC	Event type se. Error ellipse: s-maj=24.3km s-min=19.6km az=70.0.								
IDC	IV	27 09 35 56.2-9.2	9.44S	126.98E	151-107	3.6,3.2			19598084
IDC	Error ellipse: s-maj=71.0km s-min=41.2km az=18.0.								
ISC	IV	01 23 53 56.3-2.5	8.0S-10	127.5E-20					

NEIC Event type se. Error ellipse: s-maj=11.3km s-min=7.6km az=67.0.
 HRVD Error ellipse: s-maj=8.9km s-min=8.9km az=1.0. nst1 refers to body waves, cutoff=40s.
 nst2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution
 LP body waves: s8, c9; Mantle waves: s35, c47; Half duration: 0 Moment tensor: Scale 1016
 Mo: M=0.91±.39 Mw=0.97±.28; Mww=0.05±.39; Mw=0.84±.38; Mww1.43±.13; Mw=0.74±.54;
 Best double couple: NP1:ϕ=85.00000°, δ32:0.00000°, λ:47.00000°. NP2:ϕ=21.00000°,
 δ67:0.00000°, λ:113.00000°. Principal axes: T: 2.35660, P1g19.00000°, Azm324.00000°
 ; N: -1.0130, P1g21.00000°, Azm226.00000°; P: -1.3430, P1g61.00000°, Azm92.00000°
 Mo1.85000×1016

ISC	II	22 01 53 42.1-1.9	8.91S-09	124.0E-10	64-20	4.7b	39	9-123
IDC	II	22 01 53 33.3-1.0	8.83S	123.79E	0	4.5L,4.4		
NEIC	II	22 01 53 38.9-2.9	8.82S	123.96E	35	4.9b,4.4		
ISCJB	II	22 01 53 46.1-1.8	9.10S-09	124.2E-10	135-18	4.5b,4.4		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	II	22 05 27 51.9-36	9.11S-07	124.59E-10	35	4.7b	47	9-94
IDC	II	22 05 27 47.9-1.0	9.05S	123.90E	0	4.4,4.3b		
ISCJB	II	22 05 27 49.3-34	9.14S-06	124.57E-10	33	4.7b,4.3b		
BJI	II	22 05 27 53.4	9.00S	124.40E	57	4.9b,4.8b		
NEIC	II	22 05 27 55.5-1.6	8.98S	124.38E	58-17	4.9b,4.8b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=57.4km s-min=17.4km az=56.0.							
ISCJB	Event type se. Error ellipse: s-maj=15.9km s-min=4.1km az=119.0.							
NEIC	Event type se. Error ellipse: s-maj=13.6km s-min=9.5km az=52.0.							
ISC	II	22 06 49 31.7-3.5	10.5S-20	123.9E-10	86-35	4.3b	15	8-23
IDC	II	22 06 49 12.5-1.8	8.57S	124.79E	0	3.8,3.6		
NEIC	II	22 06 49 13.5-1.3	9.49S	123.47E	10	4.6b,3.6		
ISCJB	II	22 06 49 27.1-2.7	10.5S-10	123.8E-10	42-31	4.4b,3.6		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	II	22 07 25 21.1-41	8.69S-05	127.70E-08	35	4.2b,3.8s	52	10-151
IDC	II	22 07 25 17.3-7.4	8.51S	127.59E	0	4.2,4.2		
ISCJB	II	22 07 25 18.7-41	8.70S-04	127.83E-09	33	4.2b,3.8s		
MOS	II	22 07 25 20.4-1.3	8.73S	127.67E	48	4.4b,3.8s		
NEIC	II	22 07 25 21.6-56	8.53S	127.83E	34	4.4b,3.8s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=43.3km s-min=17.3km az=50.0.							
ISCJB	Event type se. Error ellipse: s-maj=12.6km s-min=5.2km az=146.5.							
MOS	Error ellipse: s-maj=25.1km s-min=9.7km az=126.5.							
NEIC	Event type se. Error ellipse: s-maj=17.2km s-min=9.3km az=61.0.							
IDC	II	25 06 01 00.1-5.1	8.11S	124.45E	280-95	3.5,3.3b		
IDC	Error ellipse: s-maj=146.3km s-min=63.3km az=61.0.							
IDC	IV	21 04 51 26.3-1.8	8.75S	124.03E	0	4.1s,4.0		
IDC	Error ellipse: s-maj=132.0km s-min=27.3km az=64.0.							
IDC	IV	27 11 32 19.7-1.9	9.08S	126.46E	0	3.9,3.8L		
IDC	Error ellipse: s-maj=169.6km s-min=31.9km az=60.0.							
IDC	IV	30 18 24 15.2-1.6	9.03S	123.91E	0	3.6b,3.6		
IDC	Error ellipse: s-maj=124.1km s-min=25.8km az=63.0.							
ISC	V	24 12 11 31.8-1.9	8.4S-10	127.90E-09	39-20	4.1b	24	6-68
IDC	V	24 12 11 21.7-1.4	7.99S	127.51E	0	4.4L,4.3		
NEIC	V	24 12 11 23.3-1.4	7.88S	127.98E	15	4.7b,4.3		
ISCJB	V	24 12 11 31.7-2.1	8.55S-10	127.91E-09	51-24	4.1b,4.3		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	V	23 14 14 21.0-61	9.67S-07	123.09E-07	35	4.2b	35	9-152
IDC	V	23 14 14 15.6-90	9.58S	122.92E	0	4.3,4.2		
NEIC	V	23 14 14 16.2-6.6	9.62S	123.05E	3-42	4.5b,4.2		
ISCJB	V	23 14 14 18.7-62	9.65S-07	123.14E-07	33	4.2b,4.2		
MOS	V	23 14 14 18.1-1.4	9.63S	122.96E	33	4.4b,4.2		
ISC	Event type se.							
IDC	Error ellipse: s-maj=49.8km s-min=17.5km az=67.0.							
NEIC	Event type se. Error ellipse: s-maj=15.1km s-min=13.7km az=51.0.							
ISCJB	Event type se. Error ellipse: s-maj=10.8km s-min=8.3km az=83.2.							
MOS	Error ellipse: s-maj=26.9km s-min=14.3km az=118.6.							
IDC	V	16 10 40 31.8-2.6	10.73S	123.45E	0	3.5,3.4b		
IDC	Error ellipse: s-maj=232.0km s-min=34.5km az=52.0.							
IDC	V	24 14 12 42.5-1.8	8.04S	125.34E	0	3.7,3.5		
IDC	Error ellipse: s-maj=112.4km s-min=27.1km az=67.0.							
IDC	V	04 15 41 39.0-7.8	8.44S	126.32E	251-86	3.7,3.5b		
IDC	Error ellipse: s-maj=188.8km s-min=29.0km az=63.0.							
ISC	V	17 14 13 04.9-1.4	8.36S-09	124.9E-10	35	4.1b	11	9-67
IDC	V	17 14 12 59.2-1.7	8.03S	125.27E	0	4.1,4.0b		
ISCJB	V	17 14 13 02.6-1.4	8.44S-08	124.95E-10	33	4.1b,4.0b		
IDC	V	13 14 57 34.4-7.9	8.16S	127.33E	154-67	4.1,3.7		
IDC	Error ellipse: s-maj=66.5km s-min=55.3km az=51.0.							
ISC	V	19 13 02 42.3-60	9.97S-09	124.4E-10	35	4.5b	22	8-70
IDC	V	19 13 02 38.7-1.1	9.70S	124.56E	0	4.0,3.9b		
ISCJB	V	19 13 02 39.7-59	10.10S-06	124.15E-08	33	4.5b,3.9b		
NEIC	V	19 13 02 40.5-66	9.94S	123.85E	10	4.5b,3.9b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=94.4km s-min=20.9km az=69.0.							
ISCJB	Event type se. Error ellipse: s-maj=12.8km s-min=5.9km az=116.6.							
NEIC	Event type se. Error ellipse: s-maj=24.6km s-min=11.6km az=55.0.							
ISC	V	13 18 00 02.7-2.3	8.1S-10	127.5E-20	95-22	3.5b	8	10-68
ISCJB	V	13 17 59 52.9-3.8	7.87S-09	127.1E-20	14-24	3.6b		
IDC	V	13 17 59 59.3-7.5	7.95S	127.26E	53-85	3.6,3.6		
ISCJB	Error ellipse: s-maj=33.0km s-min=13.0km az=155.5.							
IDC	Error ellipse: s-maj=58.7km s-min=40.2km az=59.0.							
ISC	I	26 22 24 09.5-1.9	8.0S-10	124.1E-10	194-20	3.8b	26	14-123
ISCJB	I	26 22 24 09.7-1.9	8.11S-07	124.11E-09	221-22	3.8b		
IDC	I	26 22 24 09.3-9.4	8.06S	124.05E	201-93	4.1,3.7		
NEIC	I	26 22 24 10.5-2.0	8.11S	124.10E	211-23	3.6b,3.7		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=15.9km s-min=8.7km az=107.0.							
IDC	Error ellipse: s-maj=68.6km s-min=21.2km az=75.0.							
NEIC	Event type se. Error ellipse: s-maj=21.8km s-min=10.5km az=57.0.							
ISC	I	06 00 53 33.1-7.4	8.57S-10	124.1E-20	100	3.9b	14	10-82
IDC	I	06 00 53 23.4-2.2	8.44S	123.28E	0	4.0,3.9b		
ISCJB	I	06 00 53 31.4-7.4	8.6S-10	123.9E-20	100	3.9b,3.9b		
NEIC	I	06 00 53 35.0-7.1	8.52S	123.54E	100	4.0b,3.9b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=156.0km s-min=43.3km az=54.0.							
ISCJB	Event type se. Error ellipse: s-maj=25.5km s-min=6.7km az=116.7.							
NEIC	Event type se. Error ellipse: s-maj=44.5km s-min=10.4km az=59.0.							
ISC	I	23 08 05 12.7-57	9.30S-09	124.4E-10	100	4.5b	20	9-124
ISCJB	I	23 08 05 11.4-55	9.22S-10	124.3E-10	100	4.5b		
IDC	I	23 08 05 12.9-14	9.28S	123.73E	88-134	4.1,3.9		
ISCJB	Error ellipse: s-maj=22.8km s-min=6.4km az=111.6.							
IDC	Error ellipse: s-maj=62.5km s-min=28.2km az=75.0.							
ISC	I	24 06 42 33.8-1.1	10.4S-20	124.5E-20	35	3.9b	6	8-124
ISCJB	I	24 06 42 31.1-1.1	10.4S-20	124.4E-20	33	3.9b		
IDC	I	24 06 42 33.3-1.7	9.09S	126.19E	0	4.0L,4.0		
ISCJB	Error ellipse: s-maj=39.9km s-min=12.8km az=117.2.							
IDC	Error ellipse: s-maj=120.5km s-min=40.8km az=65.0.							
IDC	V	17 06 57 48.9-1.6	9.23S	124.66E	0	4.2b,3.8		
IDC	Error ellipse: s-maj=113.3km s-min=25.9km az=65.0.							
ISC	IV	04 15 09 17.6-1.2	11.00S-06	124.12E-07	50-14	4.5b,3.6s	64	7-79
IDC	IV	04 15 09 12.6-93	10.71S	123.94E	0	4.1,4.1		
ISCJB	IV	04 15 09 16.0-1.6	10.99S-06	124.15E-07	58-17	4.5b,3.6s		

MOS	IV	04 15 09 15.0-2.4	10.76S	124.11E	33	4.7b,3.6s		
BJI	IV	04 15 09 15.8	10.90S	124.00E	34	5.2b,4.6b		
NEIC	IV	04 15 09 16.9-3.4	10.87S	123.97E	34-26	4.5b,4.6b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=34.5km s-min=18.1km az=60.0.							
ISCJB	Event type se. Error ellipse: s-maj=12.8km s-min=8.6km az=92.3.							
MOS	Error ellipse: s-maj=22.3km s-min=9.2km az=126.3.							
NEIC	Event type se. Error ellipse: s-maj=13.6km s-min=8.6km az=57.0.							
IDC	IV	27 09 36 41.5-8.8	9.44S	127.16E	170-102	3.7,3.4		
IDC	Error ellipse: s-maj=71.3km s-min=39.9km az=22.0.							
IDC	IV	04 13 26 10.3-1.9	10.43S	125.14E	0	3.5,3.4		
IDC	Error ellipse: s-maj=97.0km s-min=28.8km az=65.0.							
IDC	IV	10 06 36 35.5-1.9	8.36S	128.16E	0	3.9,3.8		
IDC	Error ellipse: s-maj=72.6km s-min=22.4km az=74.0.							
IDC	III	24 08 12 36.2-7.0	10.67S	126.76E	62-53	3.8L,3.8		
IDC	Error ellipse: s-maj=55.7km s-min=42.7km az=148.0.							
IDC	II	17 12 02 27.7-73	8.39S	128.86E	542-232	4.1,3.3		
IDC	Error ellipse: s-maj=912.6km s-min=104.8km az=155.0.							
ISC	II	21 22 39 42.5-2.5	8.9S-10	129.8E-20	57-28	3.8b	18	10-80
IDC	II	21 22 39 35.8-2.0	8.69S	129.98E	0	4.0L,4.0		
ISCJB	II	21 22 39 40.7-2.9	8.9S-10	129.9E-20	59-28	3.8b,4.0		
NEIC	II	21 22 39 41.0-60	8.85S	129.72E	40	3.7b,4.0		
ISC	Event type se.							
IDC	Error ellipse: s-maj=129.0km s-min=30.7km az=67.0.							
ISCJB	Event type se. Error ellipse: s-maj=34.9km s-min=11.7km az=130.6.							
NEIC	Event type se. Error ellipse: s-maj=22.3km s-min=7.8km az=67.0.							
ISC	II	22 08 42 19.6-1.5	10.4S-10	128.4E-20	35	3.3b	5	8-70
IDC	II	22 08 42 14.8-2.0	10.67S-10	127.69E	0	3.6,3.5L		
ISCJB	II	22 08 42 17.1-1.5	10.4S-10	128.4E-20	33	3.3b,3.5L		
ISC	II	23 23 27 16.2-3.0	8.28S-05	129.07E-07	35	4.6b,3.7s	71	10-150
IDC	II	23 23 27 11.8-53	8.03S	129.04E	0	4.7,4.6		
ISCJB	II	23 23 27 13.8-31	8.32S-05	128.99E-07	33	4.6b,3.7s		
MOS	II	23 23 27 14.2-1.9	8.26S	129.09E	33	4.7b,3.7		

ISCJB	Event type se. Error ellipse: s-maj=18.4km s-min=9.7km az=60.1.								
IDC	Error ellipse: s-maj=34.2km s-min=11.7km az=61.0.								
(296) Myanmar.									
ISC	IV 06 14 56 34.4-52	26.16N-09	96.59E-09	10	4.0b	25	6-89		
ISCJB	IV 06 14 56 32.3-53	26.05N-07	96.46E-08	10	4.0b				
NEIC	IV 06 14 56 37.2-5.0	26.21N	96.67E	30-36	4.4b				
BJI	IV 06 14 56 39.9	26.25N	96.62E	32	3.4s,3.3L				
IDC	IV 06 14 56 39.8-8.8	26.29N	96.60E	49-85	3.9,3.8				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=10.6km s-min=9.5km az=134.3.								
NEIC	Event type se. Error ellipse: s-maj=23.6km s-min=10.0km az=59.0.								
IDC	Error ellipse: s-maj=46.4km s-min=15.7km az=48.0.								
ISC	IV 14 18 49 28.8-58	19.22N-04	94.87E-04	64-5	4.6b	160	6-144		
BJI	IV 14 18 49 20.1	18.51N	94.38E	76	4.7b,4.7b				
ISCJB	IV 14 18 49 25.7-76	19.17N-04	94.91E-04	54-7	4.6b,4.1s				
MOS	IV 14 18 49 26.3-72	19.23N	94.90E	57	4.8b,4.7b				
NEIC	IV 14 18 49 30.0-15	19.22N	94.94E	77	4.6b,4.1s				
IDC	IV 14 18 49 30.1-60	19.18N	94.90E	77-5	4.5,4.4				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=7.7km s-min=5.0km az=63.4.								
MOS	Error ellipse: s-maj=13.1km s-min=5.7km az=115.3.								
NEIC	Event type se. Error ellipse: s-maj=6.1km s-min=3.3km az=50.0.								
IDC	Error ellipse: s-maj=18.3km s-min=8.8km az=58.0.								
IDC	IV 06 16 56 28.7-1.4	26.19N	96.43E	0	3.7,3.5				
IDC	Error ellipse: s-maj=51.8km s-min=26.9km az=61.0.								
ISC	IV 30 13 47 26.8-88	20.0N-10	93.7E-10	35	3.6b	24	6-86		
IDC	IV 30 13 47 21.8-2.4	20.07N	94.10E	0	3.9,3.7b				
BJI	IV 30 13 47 22.8	19.76N	93.32E	42	4.7b,4.7b				
ISCJB	IV 30 13 47 24.0-89	20.0N-10	93.6E-10	33	3.6b,4.7b				
NEIC	IV 30 13 47 27.7-2.8	20.07N	94.05E	42-27	3.6b,4.7b				
ISC	Event type se.								
IDC	Error ellipse: s-maj=105.6km s-min=21.9km az=68.0.								
ISCJB	Event type se. Error ellipse: s-maj=23.6km s-min=5.3km az=72.2.								
NEIC	Event type se. Error ellipse: s-maj=72.1km s-min=18.3km az=68.0.								
IDC	VI 23 02 45 53.7-4.7	24.53N	95.08E	0	3.7,3.5b				
IDC	Error ellipse: s-maj=442.0km s-min=30.2km az=59.0.								
ISC	VI 06 00 32 16.1-1.0	20.0N-10	97.2E-20	10	3.7b	10	2-71		
ISCJB	VI 06 00 32 13.9-1.0	19.8N-10	97.1E-10	10	3.7b				
IDC	VI 06 00 32 14.8-2.4	20.21N	97.79E	0	4.0,3.8b				
ISCJB	Error ellipse: s-maj=23.8km s-min=7.4km az=89.9.								
IDC	Error ellipse: s-maj=306.4km s-min=27.8km az=58.0.								
IDC	III 24 16 00 06.5-8.0	22.97N	94.70E	0	3.6,3.4b				
IDC	Error ellipse: s-maj=700.7km s-min=25.7km az=60.0.								
ISC	III 03 01 36 07.6-1.8	21.2N-20	94.4E-20	121-17	3.8b	36	9-68		
IDC	III 03 01 36 03.3-14	21.18N	94.55E	81-126	3.9,3.7				
ISCJB	III 03 01 36 06.0-1.9	21.1N-20	94.5E-20	128-18	3.7b,3.7				
NEIC	III 03 01 36 06.5-1.3	21.12N	94.47E	113-12	5.2b,3.7				
MOS	III 03 01 36 06.7-80	21.22N	94.61E	135	4.0b,3.7				
ISC	Event type se.								
IDC	Error ellipse: s-maj=90.1km s-min=17.0km az=53.0.								
ISCJB	Event type se. Error ellipse: s-maj=36.0km s-min=16.1km az=105.2.								
NEIC	Event type se. Error ellipse: s-maj=23.9km s-min=10.9km az=51.0.								
MOS	Error ellipse: s-maj=41.5km s-min=10.4km az=123.0.								
ISC	III 13 12 44 53.9-1.6	20.9N-20	93.7E-20	85-17	3.9b	25	10-147		
ISCJB	III 13 12 44 53.2-2.0	20.8N-20	93.6E-20	104-21	3.9b				
IDC	III 13 12 44 56.5-9.6	21.11N	94.31E	105-88	3.9,3.8				
NEIC	III 13 12 44 57.9-6.0	21.10N	94.27E	119-55	4.2b,3.8				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=44.3km s-min=10.3km az=93.5.								
IDC	Error ellipse: s-maj=59.6km s-min=15.4km az=56.0.								
NEIC	Event type se. Error ellipse: s-maj=42.4km s-min=10.6km az=55.0.								
ISC	III 19 16 19 40.3-44	19.37N-05	95.88E-05	10	3.8b	27	4-84		
ISCJB	III 19 16 19 38.0-50	19.43N-06	95.91E-05	10	3.8b				
IDC	III 19 16 19 38.5-75	19.30N	95.68E	0	4.0,3.9				
BJI	III 19 16 19 40.9	19.25N	95.66E	26	4.1b,3.9				
NEIC	III 19 16 19 41.7-2.8	19.26N	95.69E	21-21	3.9b,3.9				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=9.8km s-min=5.3km az=52.5.								
IDC	Error ellipse: s-maj=35.7km s-min=16.7km az=61.0.								
NEIC	Event type se. Error ellipse: s-maj=19.2km s-min=7.2km az=62.0.								
ISC	III 03 07 44 08.5-72	19.6N-10	95.4E-20	35	3.8b,3.7s	18	6-145		
IDC	III 03 07 44 03.5-90	19.71N	95.60E	0	3.9,3.7				
ISCJB	III 03 07 44 06.0-72	19.6N-10	95.4E-20	33	3.8b,3.7s				
NEIC	III 03 07 44 08.6-64	19.63N	95.43E	35	4.1b,3.7s				
ISC	Event type se.								
IDC	Error ellipse: s-maj=43.6km s-min=18.1km az=55.0.								
ISCJB	Event type se. Error ellipse: s-maj=27.0km s-min=10.2km az=98.0.								
NEIC	Event type se. Error ellipse: s-maj=22.1km s-min=12.4km az=53.0.								
ISC	VI 19 14 53 08.1-59	22.24N-04	94.53E-03	103-5	4.6b	140	3-92		
MOS	VI 19 14 53 05.8-90	22.23N	94.71E	107	4.8b				
BJI	VI 19 14 53 05.9	22.12N	94.48E	124	4.7b,4.5b				
ISCJB	VI 19 14 53 07.1-61	22.19N-04	94.54E-03	116-5	4.6b,4.5b				
NEIC	VI 19 14 53 08.3-26	22.25N	94.55E	113	4.7b,4.5b				
IDC	VI 19 14 53 08.6-74	22.32N	94.65E	113-5	4.6,4.3				
ISC	Event type se.								
MOS	Error ellipse: s-maj=15.7km s-min=6.5km az=121.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.7km s-min=4.4km az=18.2.								
NEIC	Event type se. Error ellipse: s-maj=9.4km s-min=4.5km az=221.0.								
IDC	Error ellipse: s-maj=21.4km s-min=9.6km az=48.0.								
ISC	VI 03 19 44 37.5-2.1	22.7N-30	94.2E-50	119-18	3.9b	11	4-67		
ISCJB	VI 03 19 44 35.3-2.3	22.7N-30	94.3E-50	119-21	3.9b				
IDC	VI 03 19 44 47.1-13	22.81N	94.55E	210-127	4.0,3.5				
ISCJB	Error ellipse: s-maj=97.4km s-min=19.7km az=111.3.								
IDC	Error ellipse: s-maj=110.2km s-min=12.7km az=54.0.								
ISC	III 06 15 22 43.8-1.5	20.00N-08	95.8E-10	74-14	3.9b	30	6-84		
ISCJB	III 06 15 22 41.4-1.9	20.01N-08	95.9E-10	70-17	3.9b				
NEIC	III 06 15 22 42.7-1.3	19.97N	95.84E	65-12	4.2b				
BJI	III 06 15 22 42.8	20.00N	95.44E	73	4.9b,4.1b				
IDC	III 06 15 22 45.3-6.7	19.92N	95.84E	92-63	4.0,3.8L				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=22.6km s-min=11.0km az=138.2.								
NEIC	Event type se. Error ellipse: s-maj=14.0km s-min=7.6km az=70.0.								
IDC	Error ellipse: s-maj=30.9km s-min=13.4km az=59.0.								
ISC	III 27 20 17 31.0-1.5	21.0N-30	95.6E-20	10	3.5b,3.5s	4	4-58		
ISCJB	III 27 20 17 28.6-1.5	20.9N-30	95.6E-20	10	3.5s,3.5b				
IDC	III 27 20 17 29.6-4.5	21.08N	95.85E	0	3.8,3.6s				
ISCJB	Error ellipse: s-maj=44.8km s-min=18.5km az=70.9.								
IDC	Error ellipse: s-maj=379.9km s-min=27.5km az=59.0.								
ISC	VI 11 00 25 23.5-90	26.76N-09	96.96E-06	66-9	3.7b	20	5-89		
IDC	VI 11 00 25 14.6-84	26.83N	97.02E	0	3.9,3.8				
NEIC	VI 11 00 25 19.0-3.8	26.95N	97.41E	35	3.8b,3.8				
ISCJB	VI 11 00 25 21.1-1.1	26.74N-09	96.99E-06	65-11	3.7b,3.8				
BJI	VI 11 00 25 22.2	26.86N	97.10E	32	4.3b,3.8s				
ISC	Event type se.								
IDC	Error ellipse: s-maj=73.6km s-min=17.6km az=52.0.								
NEIC	Event type se. Error ellipse: s-maj=69.9km s-min=42.9km az=172.0.								
ISCJB	Event type se. Error ellipse: s-maj=15.6km s-min=7.7km az=151.5.								
IDC	IV 11 06 50 33.1-4.2	21.23N	96.76E	0	4.0,3.9				
IDC	Error ellipse: s-maj=786.9km s-min=29.3km az=53.0.								
ISC	V 14 22 15 38.4-24	21.41N-03	97.63E-04	10	4.2b,3.5s	101	3-79		
IDC	V 14 22 15 36.9-65	21.33N	97.45E	0	4.1,4.0				
ISCJB	V 14 22 15 36.6-25	21.43N-03	97.63E-04	10	4.2b,3.5s				
BJI	V 14 22 15 36.1	21.10N	97.75E	23	4.8b,4.7L				
NEIC	V 14 22 15 38.6-34	21.32N	97.42E	10	4.1b,4.7L				
MOS	V 14 22 15 40.0-1.6	21.38N	97.59E	33	4.4b,4.7L				
SZGRF	V 14 22 15 50.4	23.79N	98.37E	33	4.4b,4.7L				

ISC

Table with columns for station codes (ISCJB, PLV, IDC), coordinates, and magnitudes. Includes station codes like ISCJB I 06 18 28 06.7-67 and magnitudes like 21.74N-07 102.65E-03.

Table for (736) Vietnam. Station codes: PLV I 06 18 43 10.8-65, 21.99N, 103.01E, 14-6 3.9.

Table for (737) Gulf of Tongking. Station codes: ISC IV 03 17 06 57.0-00, 20.03N-04 107.25E-05, 11-5 4.0b, 56 1-51.

SEISMIC REGION 26. India-Xizang-Szechwan-Yunnan.

Table for (302) Eastern Kashmir. Station codes: ISC VI 11 00 59 47.9-44, 33.01N-04 75.72E-09, 10 3.6b, 3.3s, 36 1-70.

Table for (303) Kashmir-India border region. Station codes: ISC IV 21 23 20 54.3-77, 32.36N-02 76.71E-04, 9-5 3.7b, 82 1-85.

Table for (304) Kashmir-Xizang border region. Station codes: ISC II 23 08 02 34.4-59, 33.32N-04 78.49E-07, 10 3.4b, 35 2-84.

Table for (305) Western Xizang-India border region. Station codes: NDI III 31 06 25 07.5-4.4, 30.09N, 80.29E, 33-0 3.6L.

Table for (306) Xizang. Station codes: ISC IV 02 15 01 28.3-3.3, 32.4N-10 94.0E-20, 24-25 3.7b, 32 4-85.

Table for (307) Xizang. Station codes: ISC IV 02 15 01 28.3-3.3, 32.4N-10 94.0E-20, 24-25 3.7b, 32 4-85.

Table for (308) Xizang. Station codes: ISC IV 02 15 01 28.3-3.3, 32.4N-10 94.0E-20, 24-25 3.7b, 32 4-85.

Table for (309) Xizang. Station codes: ISC IV 02 15 01 28.3-3.3, 32.4N-10 94.0E-20, 24-25 3.7b, 32 4-85.

Table for (310) Xizang. Station codes: ISC IV 02 15 01 28.3-3.3, 32.4N-10 94.0E-20, 24-25 3.7b, 32 4-85.

Table for (311) Xizang. Station codes: ISC IV 02 15 01 28.3-3.3, 32.4N-10 94.0E-20, 24-25 3.7b, 32 4-85.

Table for (312) Xizang. Station codes: ISC IV 02 15 01 28.3-3.3, 32.4N-10 94.0E-20, 24-25 3.7b, 32 4-85.

Table for (313) Xizang. Station codes: ISC IV 02 15 01 28.3-3.3, 32.4N-10 94.0E-20, 24-25 3.7b, 32 4-85.

Table for (314) Xizang. Station codes: ISC IV 02 15 01 28.3-3.3, 32.4N-10 94.0E-20, 24-25 3.7b, 32 4-85.

NEIC	I	24 20 24 26.9-70	34.28N	87.89E	10	3.8b,3.7b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=14.7km s-min=9.7km az=56.9.							
IDC		Error ellipse: s-maj=30.4km s-min=24.7km az=44.0.							
NEIC		Event type se. Error ellipse: s-maj=16.1km s-min=10.4km az=46.0.							
ISC	I	01 12 39 45.3-11	30.4N-10	86.65E-10	50-14	3.8b	21	4-86	
IDC	I	01 12 39 38-11-1	30.30N	86.68E	0	3.8,3.7			¶18317929
ISCJB	I	01 12 39 43.3-1.3	30.3N-10	86.58E-10	52-16	3.8b,3.7			
BJI	I	01 12 39 44.8	30.50N	86.70E	62	4.4b,3.7b			
NEIC	I	01 12 39 46.9-2.1	30.46N	86.73E	62-20	4.4b,3.7b			
ISC		Event type se.							
IDC		Error ellipse: s-maj=37.3km s-min=21.0km az=41.0.							
ISCJB		Event type se. Error ellipse: s-maj=20.5km s-min=10.0km az=68.2.							
NEIC		Event type se. Error ellipse: s-maj=24.9km s-min=13.0km az=223.0.							
IDC	I	20 09 54 36.4-4.6	35.20N	82.11E	0	3.6,3.4			¶19484089
IDC		Error ellipse: s-maj=77.8km s-min=55.0km az=27.0.							
ISC	I	08 19 16 50.7-7.4	31.46N-05	80.54E-08	35	3.2b	16	2-73	
IDC	I	08 19 16 44.0-2.5	31.09N	80.26E	0	3.5,3.4L			¶19479099
ISCJB	I	08 19 16 49.0-7.3	31.46N-05	80.57E-08	33	3.2b,3.4L			
NEIC	I	08 19 16 49.0-1.9	31.24N	80.21E	35	3.5b,3.4L			
NDI	I	08 19 16 53.0-6.1	31.12N	81.19E	33-0	3.5b,3.2L			
ISC		Event type se.							
IDC		Error ellipse: s-maj=71.2km s-min=29.1km az=70.0.							
ISCJB		Event type se. Error ellipse: s-maj=9.5km s-min=6.9km az=43.8.							
NEIC		Event type se. Error ellipse: s-maj=49.9km s-min=19.3km az=67.0.							
NDI		Error ellipse: s-maj=58.0km s-min=52.0km az=1.0.							
ISC	I	15 08 15 24.1-3.4	35.3N-30	81.7E-20	10	2.9b	6	6-82	
IDC	I	15 08 15 21.3-4.3	35.19N	82.81E	0	3.4,3.3			¶18318236
ISCJB	I	15 08 15 24.0-3.2	35.5N-30	82.0E-20	10	2.9b,3.3			
BJI	I	15 08 15 29.7	35.52N	82.74E	20	4.0L,3.3			
IDC		Error ellipse: s-maj=74.6km s-min=54.8km az=28.0.							
ISCJB		Error ellipse: s-maj=46.3km s-min=18.5km az=30.5.							
ISC	I	17 06 00 11.9-2.1	34.52N-08	87.9E-10	11-15	3.8b,3.1s	29	6-82	
ISCJB	I	17 06 00 09.4-5.8	34.46N-07	87.9E-10	10	3.8b,3.1s			¶18185275
IDC	I	17 06 00 09.7-1.0	34.36N	87.84E	0	4.0,4.0			
MOS	I	17 06 00 15.1-1.1	34.78N	87.81E	33	4.2b,4.0			
NEIC	I	17 06 00 26.6-1.6	35.27N	87.63E	90-21	3.9b,4.0			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=14.9km s-min=9.0km az=120.9.							
IDC		Error ellipse: s-maj=28.0km s-min=20.2km az=37.0.							
MOS		Error ellipse: s-maj=23.5km s-min=9.4km az=103.3.							
NEIC		Event type se. Error ellipse: s-maj=26.4km s-min=14.3km az=70.0.							
ISC	I	26 03 07 13.2-9.9	30.3N-10	97.2E-10	10	3.6b	10	5-88	
IDC	I	26 03 07 11.0-1.2	30.23N	96.94E	0	3.8,3.6b			¶18318634
ISCJB	I	26 03 07 11.3-9.9	30.2N-10	97.2E-10	10	3.6b,3.6b			
NEIC	I	26 03 07 13.3-9.4	30.23N	97.16E	10	3.7b,3.6b			
BJI	I	26 03 07 15.0	30.23N	96.86E	10	3.6L,3.6b			
ISC		Event type se.							
IDC		Error ellipse: s-maj=45.4km s-min=25.9km az=68.0.							
ISCJB		Event type se. Error ellipse: s-maj=20.2km s-min=16.8km az=152.6.							
NEIC		Event type se. Error ellipse: s-maj=19.2km s-min=15.8km az=179.0.							
ISC	I	31 05 19 08.6-7.5	32.1N-10	95.1E-10	35	3.9s,3.5b	13	4-86	
IDC	I	31 05 19 01.4-2.2	31.64N	95.00E	0	3.9s,3.9			¶18318853
ISCJB	I	31 05 19 06.5-7.6	32.1N-10	95.2E-10	33	3.9s,3.5b			
NEIC	I	31 05 19 08.3-8.5	32.08N	95.11E	35	3.9s,3.5b			
BJI	I	31 05 19 09.6	31.76N	95.06E	31	4.0b,3.8L			
ISC		Event type se.							
IDC		Error ellipse: s-maj=49.6km s-min=37.1km az=165.0.							
ISCJB		Event type se. Error ellipse: s-maj=14.8km s-min=13.5km az=179.9.							
NEIC		Event type se. Error ellipse: s-maj=16.9km s-min=15.0km az=187.0.							
ISC	V	24 20 27 44.4-8.7	32.90N-07	85.3E-20	35	3.1b	11	5-70	
IDC	V	24 20 27 38.2-3.6	32.64N	85.40E	0	3.4,3.2			¶18495048
NEIC	V	24 20 27 41.7-7.0	32.89N	85.33E	10	3.4,3.2			
ISCJB	V	24 20 27 42.2-8.9	32.89N-07	85.3E-20	33	3.1b,3.2			
DMN	V	24 20 28 03.0-9.7	31.22N	84.94E	10-0	3.1b,3.2			
ISC		Event type ke.							
IDC		Error ellipse: s-maj=99.8km s-min=35.9km az=84.0.							
NEIC		Event type se. Error ellipse: s-maj=17.3km s-min=7.6km az=97.0.							
ISCJB		Event type ke. Error ellipse: s-maj=20.9km s-min=9.4km az=15.2.							
DMN		Event type ke. Error ellipse: s-maj=247.3km s-min=24.2km az=1.0.							
ISC	I	22 03 20 02.0-2.9	34.70N-03	80.25E-05	10	4.2b	109	4-150	
ISCJB	I	22 03 20 00.4-2.9	34.74N-03	80.33E-05	10	4.2b			¶18079033
NEIC	I	22 03 20 02.0-3.4	34.68N	80.23E	10	4.3b			
BJI	I	22 03 20 02.6	34.78N	80.43E	8	4.4L,4.3b			
MOS	I	22 03 20 03.7-1.3	34.71N	80.15E	33	4.6b,4.3b			
IDC	I	22 03 20 06.2-4.0	34.69N	80.21E	42-36	4.1,4.0			
NNC	I	22 03 20 11.2-5.5	35.06N	80.33E	71-29	4.3,3.6b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=5.7km s-min=3.7km az=41.6.							
NEIC		Event type se. Error ellipse: s-maj=8.9km s-min=7.1km az=67.0.							
MOS		Error ellipse: s-maj=13.4km s-min=6.0km az=108.8.							
IDC		Error ellipse: s-maj=21.3km s-min=14.2km az=35.0.							
NNC		Error ellipse: s-maj=58.8km s-min=26.7km az=12.0.							
ISC	I	18 00 23 48.8-17	34.48N-02	87.80E-03	10	4.7b,4.2s	201	6-152	
SZGRF	I	18 00 23 28.9	32.46N	91.34E	33	5.0b,4.2s			¶18078790
ISCJB	I	18 00 23 47.0-18	34.45N-03	87.72E-03	10	4.7b,4.2s			
IDC	I	18 00 23 46.4-5.5	34.35N	87.81E	0	4.5,4.5			
NDI	I	18 00 23 46.2-3.5	34.77N	88.27E	68-54	4.9b,4.9b			
LDG	I	18 00 23 47.3-17	34.58N	87.57E	10-0	5.1b,4.9b			
HRVD	I	18 00 23 49.2-4.0	34.47N	87.82E	12	4.9W,4.9b			
NEIC	I	18 00 23 49.2-2.4	34.53N	87.77E	10	4.9b,4.9b			
BJI	I	18 00 23 49.7	34.62N	87.97E	11	4.9b,4.7s			
MOS	I	18 00 23 50.7-9.9	34.49N	87.71E	33	5.1b,4.7s			
ISC		Event type ke.							
SZGRF		Xizang.							
ISCJB		Event type ke. Error ellipse: s-maj=3.9km s-min=3.3km az=8.6.							
IDC		Error ellipse: s-maj=16.8km s-min=14.4km az=42.0.							
NDI		Error ellipse: s-maj=80.2km s-min=56.2km az=1.0.							
LDG		Event type ke. Error ellipse: s-maj=8.7km s-min=4.2km az=102.0.							
HRVD		Error ellipse: s-maj=3.3km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s17,c20; Mantle waves: s42,c71; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=1.20±14 Mm=1.30±13; Mm=2.50±0.9; Mm=0.57±4.7; Mm=0.50±10; Mm=1.57±34; Best double couple: NP1:φ332.00000°,λ-142.00000°,λ-142.00000°. NP2:φ-210.00000°,λ-62.00000°. Principal axes: T 3.1760,Plg21.0000°,Az=279.0000°; N -1.1860,Plg26.0000°,Az=20.0000°; P -1.9900,Plg56.0000°,Az=156.0000° M=2.58300×10 ¹⁶							
NEIC		Event type se. Error ellipse: s-maj=6.4km s-min=4.7km az=72.0.							
MOS		Error ellipse: s-maj=8.8km s-min=4.9km az=118.7.							
ISC	I	18 00 35 34.6-41	34.37N-07	88.08E-08	10	4.2b	50	5-82	
BJI	I	18 00 35 29.4	34.07N	87.38E	12	4.7b,4.1b			¶18078792
IDC	I	18 00 35 32.2-9.6	34.32N	87.88E	0	4.1,4.0b			
ISCJB	I	18 00 35 32.5-41	34.30N-07	88.06E-08	10	4.2b,4.0b			
NEIC	I	18 00 35 34.3-49	34.34N	88.12E	10	4.5b,4.0b			
LDG	I	18 00 35 35.1-33	34.65N	87.93E	10-0	4.6b,4.0b			
MOS	I	18 00 35 35.9-1.3	34.33N	88.11E	33	4.8b,4.0b			
ISC		Event type ke.							
IDC		Error ellipse: s-maj=26.2km s-min=20.2km az=32.0.							
ISCJB		Event type ke. Error ellipse: s-maj=11.3km s-min=8.1km az=84.4.							
NEIC		Event type se. Error ellipse: s-maj=16.7km s-min=9.8km az=50.0.							
LDG		Event type ke. Error ellipse: s-maj=17.2km s-min=8.3km az=104.0.							
MOS		Error ellipse: s-maj=15.2km s-min=8.3km az=113.2.							
ISC	V	25 06 48 58.5-4.7	32.99N-06	85.3E-10	9-33	3.9s,3.8b	21	5-84	
ISCJB	V	25 06 48 57.0-50	32.97N-05	85.3E-10	10	3.9s,3.8b			¶10698609
IDC	V	25 06 48 57.2-1.2	32.96N	85.26E	0	4.0,3.8b			
NEIC	V	25 06 48 58.7-4.2	32.97N	85.33E	10	3.9b,3.8b			
BJI	V	25 06 49 00.6	33.20N	86.12E	17	4.6b,4.2s			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=15.9km s-min=6.6km az=166.1.							
IDC		Error ellipse: s-maj=34.8km s-min=27.2km az=51.0.							

NEIC		Event type se. Error ellipse: s-maj=13.3km s-min=5.3km az=83.0.							
ISC	V	28 30 32 28.1-64	32.88N-05	85.5E-20	35	3.9s,3.4b	12	5-70	
IDC	V	28 30 32 21.8-1.8	32.65N	85.47E	0	3.9s,3.9			¶18495162
ISCJB	V	28 30 32 25.9-6.5	32.88N-05	85.5E-20	33	3.9s,3.4b			
ISC	V	01 14 48 03.1-1.0	34.32N-09	85.5E-30	35	3.3b	10	6-74	
IDC	V	01 14 47 59.6-2.9	34.92N	86.78E	0	3.5,3.3b			¶19598334
ISCJB	V	01 14 48 00.8-1.1	34.29N-09	85.5E-30	33	3.3b,3.3b			
ISC	VI	28 05 25 29.7-3.5	32.70N-06	93.48E-10	9-22	4.1b,3.4s	19	4-84	
IDC	VI	28 05 25 26.8-9.2	32.50N	93.65E	0	4.1b,4.1			¶10699135
ISCJB	VI	28 05 25 27.1-5.7	32.66N-05	93.7E-10	10	4.1b,3.4s			
BJI	VI	28 05 25 27.9	32.45N	93.38E	10	4.6b,4.5b			
NEIC	VI	28 05 25 28.5-6.2	32.65N	93.72E	10	3.9b,4.5b			
ISC		Event type se.							
IDC		Error ellipse: s-maj=45.9km s-min=21.1km az=50.0.							
ISCJB		Event type se. Error ellipse: s-maj=13.2km s-min=7.6km az=5.6.							
NEIC		Event type se. Error ellipse: s-maj=16.4km s-min=11.0km az=88.0.							
ISC	IV	14 09 27 40.6-11	35.32N-02	89.67E-02	12	5.4b,5.3s	726	6-164	
BGS	IV	14 09 27 30.5-2.4	33.00N	89.49E	10-0	5.5b,5.3s			¶10697760
IDC	IV	14 09 27 38.0-3.6	35.24N	89.64E	0	5.3b,5.3			
BJI	IV	14 09 27 37.8	35.34N	89.63E	9	5.8s,5.7b			
LDG	IV	14 09 27 37.6-29	35.36N	89.64E	10-0	5.7b,5.0s			
ISCJB	IV	14 09 27 38.5-11	35.29N-02	89.63E-02	11	5.4b,5.3s			
SZGRF	IV	14 09 27 39.7	34.48N	90.03E	10	5.7b,5.3s			
NEIC	IV	14 09 27 40.1-13	35.31N	89.67E	10	5.6W,5.5b			
MOS	IV	14 09 27 40.2-91	35.32N	89.61E	24	5.6b,5.4s			
HRVD	IV	14 09 27 40.1-10	35.46N	89.74E	18-0	5.6W,5.4s			
ISC		Event type ke.							
BGS		Error ellipse: s-maj=999.9km s-min=999.9km az=1.0.							
IDC		Error ellipse: s-maj=13.4km s-min=9.5km az=40.0.							
LDG		Event type ke. Error ellipse: s-maj=13.0km s-min=5.2km az=133.0.							
ISCJB		Event type ke. Error ellipse: s-maj=2.8km s-min=2.0km az=45.5.							
SZGRF		Qinghai, China.							
NEIC		Event type se. Error ellipse: s-maj=3.8km s-min=3.0km az=217.0. Moment Tensor Solution. S22 Moment tensor: Scale 10 ¹⁷ Nm; Mr=3.11 Mw=2.09 Mm=1.02 Mm=0.15 Mm=1.90 Mm=0.04 Best double couple: NP1:φ234.00000°,λ-8.00000°,λ-8.00000°. NP2:φ-52.00000°,λ-92.00000°. Principal axes: T 3.5300,Plg1.0000°,Az=323.0000°; N -0.4200,Plg1.0000°,Az=53.0000°; P -3.1100,Plg8.0000°,Az=186.0000° M=3.30000×10 ¹⁷							
MOS		Error ellipse: s-maj=5.8							

1017Nm; M=0.61±0.04 M=0.98±0.03; M=0.36±0.03; M=0.70±0.06; M=0.17±0.02; M=0.28±0.07; Best double couple: NP1:φ287.00000°; δ27.00000°; λ126.00000°; NP2:φ66.00000°; δ68.00000°; λ73.00000°; Principal axes: T 0.9520; Plg63.0000°; Azm311.0000°; N 0.3290; Plg16.0000°; Azm74.0000°; P -1.2810; Plg21.0000°; Azm170.0000°; M=1.1700×10¹⁷

NDI Error ellipse: s-maj=11.0km s-min=13.3km az=1.0.
NEIC Event type de. Error ellipse: s-maj=4.4km s-min=2.8km az=13.0. Two people killed by landslides at Sherathang. Two people injured in eastern Sikkim. Buildings and roads were damaged in the Gangtok area and at Bardan and Rangpo. Minor damage to buildings at Shilugri, West Bengal. Felt at Darjiling, Guwahati, Itanagar, Jalpaiguri, Karsiyang, Koch Bihar, Malda and Shillong. Also felt at Kathmandu, Nepal; at Dinaipur, Nilphamari, Pabna, Rajshahi, Rangpur, Sylhet and Thakurgaon, Bangladesh; and at Paro Chhu, Phuntsholing and Thimphu, Bhutan.

(312) Bhutan.

Table with columns for station codes (ISC, IDC, BJI, NEIC, DMN, ISZGB, NAO, etc.), time (Year, Month, Day, Hour, Minute, Second), magnitude (M), and various parameters (s-maj, s-min, az, etc.). Includes event descriptions for Bhutan.

(313) Eastern Xizang-India border region.

Table with columns for station codes, time, magnitude, and parameters. Includes event descriptions for the Eastern Xizang-India border region.

(314) Southern India.

Table with columns for station codes, time, magnitude, and parameters. Includes event descriptions for Southern India.

Main table with columns for station codes, time, magnitude, and parameters. Includes event descriptions for various stations and regions.

ISC	III	23 06 44 19.0-87	34.99N-07	99.33E-06	10	3.7b	20	4-79
ISCJB	III	23 06 44 15.8-96	34.75N-08	99.29E-06	10	3.7b		¶10608933
IDC	III	23 06 44 15.8-96	34.72N	99.46E	0	4.0,3.8L		
NEIC	III	23 06 44 17.7-1.7	34.80N	99.43E	10	4.0b,3.8L		
MOS	III	23 06 44 20.1-1.1	34.99N	99.30E	33	4.1b,3.8L		
BJI	III	23 06 44 20.6	34.90N	99.68E	16	4.4b,3.9L		
ISC	Event type se.							
ISCJB	Error ellipse: s-maj=12.3km s-min=7.0km az=20.1.							
IDC	Error ellipse: s-maj=84.6km s-min=41.8km az=13.0.							
NEIC	Event type se. Error ellipse: s-maj=28.0km s-min=15.2km az=167.0.							
MOS	Error ellipse: s-maj=33.5km s-min=14.7km az=91.5.							
ISC	III	29 23 38 56.1-16	35.28N-02	95.67E-02	35	4.9b,4.8s	377	5-147
IDC	III	29 23 38 50.3-56	35.51N	95.71E	0	4.7,4.6		¶10613138
BJI	III	29 23 38 52.9	35.52N	95.62E	37	5.4s,5.1L		
MOS	III	29 23 38 54.6-1.5	35.49N	95.66E	31	5.2b,4.9s		
ISCJB	III	29 23 38 54.0-16	35.28N-02	95.70E-02	33	4.9b,4.8s		
HRVD	III	29 23 38 56.2-20	35.53N	95.62E	24-1	5.3W,4.4E		
NEIC	III	29 23 38 56.2-28	35.26N	95.65E	35	5.0b,4.9s		
SZGRF	III	29 23 39 02.3	36.02N	95.59E	33	5.1b,4.9s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=21.1km s-min=11.7km az=53.0.							
MOS	Error ellipse: s-maj=7.1km s-min=3.9km az=121.7.							
ISCJB	Event type se. Error ellipse: s-maj=3.5km s-min=2.7km az=7.9.							
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s29,c47; Mantle waves: s37,c66; Half duration: 1s1 Moment tensor: Scale 1017Nm; Mrr=0.09±0.04 Mθθ=0.87±0.04; Mφφ=0.78±0.04; Mrr-0.45±0.09; Mθθ-0.67±0.04; Mφφ-0.22±0.07; Best double couple: NP1:0.297,0.0000; δ73.00000; λ11.00000; NP2:0.204,0.0000; δ79.00000; λ163.00000; Principal axes: T 1.2920,Plg20.0000; Azm160.0000; N -0.2650,Plg70.0000; Azm353.0000; P -1.0280,Plg4.0000; Azm251.0000; M1.16000x1017							
NEIC	Event type se. Error ellipse: s-maj=6.7km s-min=6.2km az=159.0.							
SZGRF	Qinghai, China							
ISC	III	29 23 50 06.6-50	35.40N-06	95.60E-06	35	3.8b	37	5-79
IDC	III	29 23 50 01.1-91	35.50N	95.89E	0	4.0L,4.0		¶10613145
BJI	III	29 23 50 02.8	35.47N	95.49E	29	4.5b,4.1L		
MOS	III	29 23 50 04.3-50	35.37N-07	95.67E-06	33	3.8b,4.1L		
MOS	III	29 23 50 04.7-1.3	35.68N	95.88E	33	4.2b,4.1L		
NEIC	III	29 23 50 07.1-1.1	35.70N	95.90E	35	3.9b,4.1L		
ISC	Event type se.							
IDC	Error ellipse: s-maj=35.3km s-min=17.8km az=50.0.							
ISCJB	Event type se. Error ellipse: s-maj=9.4km s-min=6.8km az=17.5.							
MOS	Error ellipse: s-maj=22.4km s-min=11.0km az=110.9.							
NEIC	Event type se. Error ellipse: s-maj=19.5km s-min=15.2km az=158.0.							
ISC	III	26 05 06 02.3-90	38.2N-10	92.99E-07	35	3.7b	13	5-83
IDC	III	26 05 05 58.8-1.2	38.03N	93.10E	0	3.7b,3.7		¶10610808
BJI	III	26 05 05 59.1	37.94N	92.94E	29	4.5b,3.7L		
ISCJB	III	26 05 06 00.0-90	38.3N-10	93.05E-07	33	3.7b,3.7L		
ISC	II	01 03 04 03.0-2.5	33.87N-05	91.11E-08	30-22	3.5b,3.2s	36	4-82
IDC	II	01 03 03 56.8-2.1	33.54N	91.08E	0	3.8,3.7		¶18318913
BJI	II	01 03 03 58.2	33.56N	91.18E	21	4.3b,4.1s		
ISCJB	II	01 03 03 59.0-3.6	33.84N-06	91.10E-08	14-27	3.5b,3.2s		
NEIC	II	01 03 04 00.6-36	33.88N	91.10E	10	3.7b,3.2s		
MOS	II	01 03 04 04.7-84	34.20N	91.07E	33	3.9b,3.2s		
DMN	II	01 03 04 33.4-37	31.93N	89.09E	10-0	4.8b,3.2s		
ISC	Event type ke.							
IDC	Error ellipse: s-maj=45.6km s-min=31.4km az=158.0.							
ISCJB	Event type ke. Error ellipse: s-maj=11.8km s-min=7.7km az=69.8.							
NEIC	Event type se. Error ellipse: s-maj=7.7km s-min=4.6km az=110.0.							
MOS	Error ellipse: s-maj=21.1km s-min=10.7km az=102.2.							
DMN	Event type ke. Error ellipse: s-maj=97.4.8km s-min=47.9km az=41.0.							
ISC	II	01 04 47 43.2-99	33.75N-03	91.15E-03	29-7	4.5b,4.4s	212	4-90
NAO	II	01 04 47 31.6	31.99N	91.65E	33	4.5b,4.4s		¶18079691
BJI	II	01 04 47 37.4	33.64N	91.22E	4	4.9s,4.8b		
IDC	II	01 04 47 38.5-61	33.70N	91.16E	0	4.5,4.4		
ISCJB	II	01 04 47 40.3-1.0	33.72N-03	91.15E-03	24-7	4.5b,4.4s		
NEIC	II	01 04 47 40.7-27	33.86N	91.16E	10	4.8b,4.4s		
MOS	II	01 04 47 42.0-94	33.80N	91.17E	33	4.9b,4.3s		
LDG	II	01 04 47 42.5-27	33.90N	90.90E	33-0	5.0b,4.3s		
SZGRF	II	01 04 47 51.4	37.00N	93.25E	33	4.7s,4.6b		
ISC	Event type ke.							
IDC	Error ellipse: s-maj=21.6km s-min=14.4km az=53.0.							
ISCJB	Event type ke. Error ellipse: s-maj=4.6km s-min=4.0km az=175.9.							
NEIC	Event type se. Error ellipse: s-maj=6.6km s-min=4.6km az=97.0.							
MOS	Error ellipse: s-maj=8.0km s-min=4.8km az=115.3.							
LDG	Qinghai, ke. Error ellipse: s-maj=12.7km s-min=4.8km az=123.0.							
SZGRF	Qinghai, China							
ISC	II	15 17 41 08.1-1.3	33.17N-08	90.4E-10	53-18	3.5b	14	4-83
IDC	II	15 17 41 01.3-1.4	32.94N	90.59E	0	3.7,3.6b		¶19570959
ISCJB	II	15 17 41 07.1-1.6	33.13N-08	90.2E-10	70-21	3.3b,3.6b		
NEIC	II	15 17 41 07.8-1.4	33.14N	90.39E	44-20	3.3b,3.6b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=59.9km s-min=22.3km az=64.0.							
ISCJB	Event type se. Error ellipse: s-maj=19.2km s-min=12.8km az=134.7.							
NEIC	Event type se. Error ellipse: s-maj=18.3km s-min=11.8km az=86.0.							
ISC	II	16 23 17 53.2-50	38.03N-07	92.27E-09	22	3.5b	30	6-82
ISCJB	II	16 23 17 50.9-52	38.02N-07	92.26E-09	21	3.5b		¶18335566
BJI	II	16 23 17 51.7	38.00N	92.24E	23	4.0L		
NEIC	II	16 23 17 53.0-55	37.96N	92.39E	22	3.6b		
IDC	II	16 23 17 53.1-66	38.03N	92.42E	20-4	3.7,3.7		
NNC	II	16 23 17 54.0-32	38.18N	92.27E	22-255	3.1b,3.7		
NAO	II	16 23 18 35.6	41.56N	86.81E	33	3.5b,3.7		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=12.3km s-min=7.5km az=86.3.							
NEIC	Event type se. Error ellipse: s-maj=15.0km s-min=9.3km az=60.0.							
IDC	Error ellipse: s-maj=29.3km s-min=14.0km az=49.0.							
NNC	Error ellipse: s-maj=211.2km s-min=159.1km az=145.0.							
BJI	V	17 23 57 10.7	38.58N	97.29E	9	3.8b,3.5L		¶18647910
ISC	V	14 14 03 14.1-59	33.79N-06	91.2E-10	35	3.7b,3.1s	23	4-82
IDC	V	14 14 03 08.1-1.3	33.59N	91.20E	0	3.7b,3.7		¶18713598
ISCJB	V	14 14 03 11.5-63	33.71N-07	91.2E-10	33	3.7b,3.1s		
MOS	V	14 14 03 12.3-2.2	33.79N	91.10E	39	3.9b,3.1s		
NEIC	V	14 14 03 14.9-1.6	33.72N	91.16E	50-26	3.4b,3.1s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=44.6km s-min=26.9km az=66.0.							
ISCJB	Event type se. Error ellipse: s-maj=16.0km s-min=6.8km az=55.6.							
MOS	Error ellipse: s-maj=20.9km s-min=10.6km az=81.1.							
NEIC	Event type se. Error ellipse: s-maj=18.0km s-min=13.5km az=80.0.							
ISC	V	18 08 20 39.7-1.3	35.6N-20	94.5E-20	35	3.6b	8	6-70
IDC	V	18 08 20 34.3-1.4	35.46N	94.61E	0	3.9,3.8		¶18647919
ISCJB	V	18 08 20 37.5-1.2	35.5N-10	94.5E-10	33	3.6b,3.8		
BJI	V	18 08 20 38.1	35.69N	94.50E	11	4.4b,3.6L		
IDC	Error ellipse: s-maj=64.7km s-min=26.6km az=51.0.							
ISCJB	Error ellipse: s-maj=21.1km s-min=16.1km az=29.8.							
IDC	I	14 20 27 29.4-1.4	33.91N	94.61E	0	3.8,3.5b		¶19481490
IDC	Error ellipse: s-maj=60.3km s-min=29.4km az=56.0.							
BJI	I	30 22 13 32.2	37.38N	94.13E	22	3.6L		¶18318835
IDC	I	30 22 13 26.9-4.8	37.25N	94.61E	0	3.4,3.3		
IDC	Error ellipse: s-maj=95.6km s-min=40.6km az=16.0.							
ISC	I	06 13 44 05.0-22	36.28N-03	94.01E-03	10	4.5b,3.9s	166	6-128
BJI	I	06 13 44 08.6	36.42N	93.91E	11	5.2L,4.8b		¶18029851
ISCJB	I	06 13 44 05.8-23	36.21N-03	93.99E-03	10	4.5b,3.9s		
IDC	I	06 13 44 05.3-73	36.21N	94.03E	0	4.7L,4.4		
MOS	I	06 13 44 06.6-1.3	36.37N	94.07E	10	4.6b,4.4		
NEIC	I	06 13 44 09.7-64	36.58N	93.96E	10	4.7b,4.4		
SZGRF	I	06 13 44 27.9	37.57N	92.28E	33	4.3b,4.4		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=5.0km s-min=3.7km az=161.8.							
IDC	Error ellipse: s-maj=22.4km s-min=15.2km az=39.0.							

MOS	Error ellipse: s-maj=9.8km s-min=5.6km az=115.7.							
NEIC	Event type se. Error ellipse: s-maj=14.3km s-min=10.1km az=153.0.							
SZGRF	Qinghai, China							
ISC	VI	27 00 48 02.4-1.5	35.91N-08	92.33E-08	56-15	3.6b,2.8s	21	7-83
BJI	VI	27 00 47 59.4	35.86N	92.54E	39	4.3b,3.9b		¶18750799
ISCJB	VI	27 00 48 00.0-2.1	35.86N-09	92.40E-08	52-21	3.6b,2.8s		
NEIC	VI	27 00 48 01.0-2.5	35.88N	92.33E	43-23	3.5b,2.8s		
IDC	VI	27 00 48 01.6-7.9	35.94N	92.37E	50-82	3.8,3.7		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=17.3km s-min=7.9km az=64.0.							
NEIC	Event type se. Error ellipse: s-maj=20.1km s-min=9.9km az=196.0.							
IDC	Error ellipse: s-maj=85.8km s-min=24.1km az=34.0.							
ISC	VI	02 08 28 37.8-50	38.36N-06	91.53E-06	10	3.8b	37	6-84
MOS	VI	02 08 28 35.9-1.1	38.39N	91.48E	10	4.0b		¶18747002
ISCJB	VI	02 08 28 36.0-51	38.38N-06	91.57E	10	3.8b		
IDC	VI	02 08 28 36.1-77	38.36N	91.59E	0	4.0,3.9		
BJI	VI	02 08 28 38.3	38.43N	91.53E	10	4.4b,4.0L		
NEIC	VI	02 08 28 38.1-1.9	38.38N	91.52E	10	4.0b,4.0L		
ISC	Event type se.							
MOS	Error ellipse: s-maj=20.7km s-min=10.2km az=108.2.							
ISCJB	Event type se. Error ellipse: s-maj=9.9km s-min=6.0km az=64.0.							
IDC	Error ellipse: s-maj=30.6km s-min=18.6km az=49.0.							
NEIC	Event type se. Error ellipse: s-maj=32.6km s-min=16.7km az=171.0.							

SEISMIC REGION 28. Alma-Ata to Lake Baikal.

(326) Southwestern Siberia.									
ISC	IV	06 21 34 23.3-1.2	53.81N-05	89.15E-07	5-8	4.1b,3.6s	70	1-63	
IDC	IV	06 21 34 22.9-1.0	53.71N	89.24E	0	4.3L,4.0		¶18504077	
MOS	IV	06 21 34 22.4-1.6	53.83N	89.15E	10	4.4b,4.0			
ISCJB	IV	06 21 34 23.1-58	53.90N-05	88.91E-08	10	4.1b,3.6s			
NNC	IV	06 21 34 25.4-3.1	53.75N	88.56E	0	4.7,4.3b			
NEIC	IV	06 21 34 25.6-96	53.90N	88.89E	10	4.3b,4.3b			
BJI	IV	06 21 34 25.3	53.93N	88.39E	22	4.4L,4.0s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=13.5km s-min=11.5km az=150.0.								
MOS	Error ellipse: s-maj=9.9km s-min=8.4km az=47.8.								
ISCJB	Event type se. Error ellipse: s-maj=7.3km s-min=6.7km az=61.2.								
NNC	Error ellipse: s-maj=26.7km s-min=19.5km az=112.0.								
NEIC	Event type se. Error ellipse: s-maj=15.9km s-min=11.1km az=129.0.								
ISC	IV	02 20 09 43.1-1.1	50.74N-04	87.05E-05	2-7	3.6b	55	1-85	
BJI	IV	02 20 09 32.3	51.18N	87.35E	13	4.1L		¶18503834	
MOS	IV	02 20 09 41.3-1.9	50.58N	87.12E	10	4.4b			
IDC	IV	02 20 09 41.5-1.1	50.62N	87.30E	0	3.6,3.5L			
NNC	IV	02 20 09 42.5-3.1	50.58N	87.04E	9-8	3.9,3.9b			
ISCJB	IV	02 20 09 43.1-94	50.76N-04	86.97E-05	15-6	3.6b,3.9b			

NEIC	Event type se. Error ellipse: s-maj=11.0km s-min=7.3km az=185.0.								
ISCJB	Event type se. Error ellipse: s-maj=7.5km s-min=5.0km az=117.0.								
NCC	Error ellipse: s-maj=10.9km s-min=6.0km az=86.0.								
NCC	V 18 03 45 04.8-3.3 54.16N 85.75E 0 4.0b,3.9								
NCC	Error ellipse: s-maj=31.9km s-min=19.9km az=43.0.								
NCC	V 19 10 28 37.9-5.8 54.36N 86.00E 0 3.8b,3.3								
NCC	Error ellipse: s-maj=44.1km s-min=15.1km az=60.0.								
NCC	V 19 10 37 57.8-2.2 54.16N 86.52E 0 4.0b,3.6								
NCC	Error ellipse: s-maj=22.6km s-min=11.5km az=73.0.								
NCC	V 26 05 20 16.2-4.3 54.28N 86.67E 0 4.0b,3.6								
NCC	Error ellipse: s-maj=41.2km s-min=24.9km az=80.0.								
ISC	V 06 12 00 18.2-1.1 50.07N-08 87.39E-10 10 18 0-19								
MOS	V 06 12 00 11.9-3.5 49.97N 88.10E 15 4.2b								
ISCJB	V 06 12 00 16.4-9.3 50.15N-07 87.31E-09 10 4.2b								
NCC	V 06 12 00 17.2-5.4 50.06N 87.46E 6-30 3.9,3.7b								
MOS	Error ellipse: s-maj=71.9km s-min=30.6km az=103.8.								
ISCJB	Error ellipse: s-maj=10.8km s-min=7.0km az=126.1.								
NCC	Error ellipse: s-maj=44.2km s-min=21.1km az=95.0.								
IDC	I 23 06 38 26.1-1.5 53.79N 91.55E 0 4.3s,4.3								
IDC	Error ellipse: s-maj=19.6km s-min=15.4km az=132.0.								
ISC	I 07 08 25 42.9-2.1 50.12N-05 87.92E-08 14-15 3.5s,3.5b 51 5-66								
BJI	I 07 08 25 28.9 50.87N 88.25E 20 4.4b,4.3L								
IDC	I 07 08 25 40.1-1.1 49.90N 88.15E 0 3.7,3.6								
ISCJB	I 07 08 25 40.8-1.8 50.10N-05 87.8E-10 9-13 3.5s,3.5b								
NEIC	I 07 08 25 42.0-6.1 49.98N 88.02E 10 3.5s,3.5b								
MOS	I 07 08 25 43.1-6.6 50.56N 87.79E 10 4.0b,3.5b								
NCC	I 07 08 25 45.5-3.1 50.04N 87.45E 1-11 4.0,4.0b								
ISC	Event type se.								
IDC	Error ellipse: s-maj=18.7km s-min=12.6km az=150.0.								
ISCJB	Event type se. Error ellipse: s-maj=11.5km s-min=7.8km az=22.6.								
NEIC	Event type se. Error ellipse: s-maj=13.0km s-min=8.0km az=174.0.								
MOS	Error ellipse: s-maj=33.6km s-min=13.3km az=26.7.								
NCC	Error ellipse: s-maj=27.2km s-min=13.5km az=94.0.								
BYKL	V 18 22 45 34.2-2.5 52.68N 101.01E 16-16								
MOS	V 18 22 45 34.2-1.2 52.68N 101.05E 14 4.3b								
BYKL	Event type se.								
MOS	Error ellipse: s-maj=20.6km s-min=17.1km az=131.4.								
BYKL	IV 07 08 40 22.4-48 52.59N 101.19E 15-15								
MOS	IV 07 08 40 21.9-1.4 52.60N 101.20E 10 4.2b								
BYKL	Event type se.								
MOS	Error ellipse: s-maj=33.4km s-min=28.0km az=32.4.								
ISC	IV 01 10 59 26.3-7.9 54.44N-07 86.77E-09 10 3.4b 20 6-62								
ISCJB	IV 01 10 59 23.5-8.1 54.47N-07 86.62E-09 10 3.4b								
IDC	IV 01 10 59 24.9-1.1 54.36N 87.11E 0 3.6,3.4L								
NEIC	IV 01 10 59 26.6-6.0 54.41N 87.04E 10 3.5b,3.4L								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=10.0km s-min=7.7km az=175.5.								
IDC	Error ellipse: s-maj=15.7km s-min=12.2km az=123.0.								
NEIC	Event type se. Error ellipse: s-maj=12.6km s-min=7.9km az=173.0.								
(327) Lake Baykal region.									
BYKL	IV 13 17 37 54.4-26 54.83N 111.17E 18-4								
MOS	IV 13 17 37 54.6-1.1 54.83N 111.20E 19 4.1b								
BYKL	Event type se.								
MOS	Error ellipse: s-maj=31.6km s-min=14.2km az=83.1.								
ISC	IV 18 18 57 40.7-25 53.20N-02 108.12E-03 10 3.2b 105 0-80								
ISCJB	IV 18 18 57 38.8-28 53.22N-02 108.18E-04 10 3.2b								
MOS	IV 18 18 57 40.4-1.2 53.14N 108.15E 10 4.2b								
IDC	IV 18 18 57 40.8-1.7 53.08N 108.35E 0 3.5,3.3b								
BYKL	IV 18 18 57 41.4-2.5 53.22N 107.96E 0 3.5,3.3b								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=3.8km s-min=2.1km az=84.9.								
MOS	Error ellipse: s-maj=16.2km s-min=8.9km az=57.4.								
IDC	Error ellipse: s-maj=32.5km s-min=26.3km az=75.0.								
BYKL	IV 09 08 41 20.7-18 53.20N 107.97E 9-3								
MOS	IV 09 08 41 20.2-1.5 53.35N 107.84E 10 4.4b								
BYKL	Event type se.								
MOS	Error ellipse: s-maj=17.6km s-min=8.9km az=46.4.								
BYKL	IV 22 23 08 24.8-25 54.35N 110.22E 13-15								
MOS	IV 22 23 08 25.4-1.4 54.31N 110.22E 19 4.2b								
BYKL	Event type se.								
MOS	Error ellipse: s-maj=32.7km s-min=13.5km az=74.2.								
BYKL	III 21 16 30 19.8-22 53.70N 109.92E 21-3								
MOS	III 21 16 30 19.3-3.0 53.68N 109.93E 22 4.1b								
BYKL	Event type se. FELT I=III MSK at Suvo.								
MOS	Error ellipse: s-maj=13.7km s-min=10.7km az=76.7.								
BYKL	II 03 08 02 04.5-23 53.43N 108.83E 7-13								
MOS	II 03 08 02 04.0-2.1 53.40N 108.84E 9 4.3b								
BYKL	Event type se. FELT I=II MSK at Ust-Barguzin.								
MOS	Error ellipse: s-maj=18.5km s-min=12.3km az=56.3.								
BYKL	II 07 11 33 34.3-20 55.04N 111.64E 17-4								
MOS	II 07 11 33 33.9-1.4 55.00N 111.57E 27 4.2b								
BYKL	Event type se.								
MOS	Error ellipse: s-maj=33.3km s-min=17.9km az=75.1.								
BYKL	III 24 23 46 55.0-19 55.25N 110.35E 7-16								
MOS	III 24 23 46 54.4-1.9 55.27N 110.29E 10 4.1b								
BYKL	Event type se.								
MOS	Error ellipse: s-maj=15.2km s-min=9.0km az=60.3.								
ISC	III 28 21 47 55.1-19 53.56N-02 108.50E-03 13 4.2b,3.5s 195 0-151								
BJI	III 28 21 47 50.6 53.86N 109.11E 10 4.6b,4.3b								
ISCJB	III 28 21 47 53.6-20 53.57N-02 108.52E-03 13 4.2b,3.5s								
MOS	III 28 21 47 53.6-1.1 53.57N 108.46E 9 4.4b,3.5s								
IDC	III 28 21 47 53.6-6.6 53.58N 108.48E 0 4.1,4.0								
NEIC	III 28 21 47 54.7-4.7 53.62N 108.53E 10 4.3b,4.0								
BYKL	III 28 21 47 55.6-1.5 53.56N 108.48E 13-2 4.3b,4.0								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=2.9km s-min=1.9km az=94.5.								
MOS	Event type se. Error ellipse: s-maj=8.3km s-min=5.6km az=64.0. Felt (II) at Ust-Barguzin, Onguryeny. Moment Tensor Solution.								
IDC	Error ellipse: s-maj=18.6km s-min=13.8km az=82.0.								
NEIC	Event type se. Error ellipse: s-maj=10.3km s-min=7.8km az=54.0. Felt (II) at Onguryeny and Ust-Barguzin.								
BYKL	Event type se. FELT I=III MSK at Ust-Barguzin, II at Ongureny, Yelantsy.								
BYKL	III 06 17 15 25.9-29 51.47N 103.82E 9-5								
MOS	III 06 17 15 25.9-1.5 51.49N 103.80E 15 4.4b								
BYKL	Event type se.								
MOS	Error ellipse: s-maj=11.7km s-min=8.9km az=88.0.								
BYKL	III 09 14 11 24.6-20 54.59N 110.82E 9-5								
MOS	III 09 14 11 25.0-1.9 54.58N 110.89E 18 4.3b								
BYKL	Event type se.								
MOS	Error ellipse: s-maj=20.6km s-min=9.0km az=73.9.								
BYKL	III 12 12 00 18.5-20 53.44N 108.79E 14-4								
MOS	III 12 12 00 18.5-1.9 53.41N 108.84E 14 4.3b								
BYKL	Event type se.								
MOS	Error ellipse: s-maj=18.4km s-min=9.6km az=53.9.								
BYKL	III 04 13 10 38.6-20 52.66N 106.86E 11-4								
MOS	III 04 13 10 37.5-2.5 52.70N 106.80E 35 4.3b								
BYKL	Event type se.								
MOS	Error ellipse: s-maj=20.2km s-min=18.3km az=53.8.								
BYKL	VI 04 15 59 25.6-11 55.08N 111.30E 19-2								
MOS	VI 04 15 59 25.2-1.4 55.07N 111.27E 21 4.0b								
BYKL	Event type se. FELT I=II MSK at Ulyunghan.								
MOS	Event type se. Error ellipse: s-maj=13.7km s-min=7.1km az=70.9. Felt (II) at Ulyunghan. Moment Tensor Solution.								
BYKL	V 26 03 11 21.1-27 53.99N 110.34E 11-20								

MOS	V 26 03 11 20.3-1.2 53.96N 110.41E 6 4.2b								
BYKL	Event type se.								
MOS	Error ellipse: s-maj=50.9km s-min=35.4km az=83.8.								
BYKL	V 26 15 11 26.1-21 55.04N 111.65E 11-4								
IDC	V 26 15 11 24.8-1.4 54.90N 112.04E 0 3.7,3.4								
MOS	V 26 15 11 25.2-1.1 55.04N 111.64E 13 4.7b,3.4								
NEIC	V 26 15 11 26.4-1.1 55.13N 111.65E 10 3.7b,3.4								
BYKL	Event type se.								
IDC	Error ellipse: s-maj=29.1km s-min=21.0km az=136.0.								
MOS	Error ellipse: s-maj=11.7km s-min=6.1km az=68.1.								
NEIC	Event type se. Error ellipse: s-maj=18.6km s-min=16.4km az=120.0.								
BYKL	V 11 08 57 04.4-20 55.61N 112.12E 1								

ISCJB Error ellipse: s-maj=24.0km s-min=5.3km az=99.7.
NNC Error ellipse: s-maj=15.8km s-min=3.2km az=138.0.

Table with columns: NNC, II, 21, 04, 08, 25, 9-63, (330) Lake Issyk-Kul region, 43.78N, 76.43E, 0, 3.6, 1.7b, and various error ellipse data.

Table with columns: ISC, II, 08, 09, 42, 12, 2-1, 43.4N-20, 77.0E-10, 10, 14, 0-5, and various error ellipse data.

ISCJB Error ellipse: s-maj=9.2km s-min=5.3km az=72.2.
 KNET Error ellipse: s-maj=5.0km s-min=3.8km az=47.0.
ISC I 23 12 45 41.7-92 43.75N-05 76.83E-07 10 21 1-7
 NNC I 23 12 45 37.5-10 43.86N 76.78E 0 3.1,2.8b
 ISCJB I 23 12 45 40.5-92 43.78N-05 76.88E-07 10 3.1,2.8b
 KNET I 23 12 45 41.5-62 43.69N 76.62E 6-2 2.4L,2.8b
 NNC Error ellipse: s-maj=6.6km s-min=4.9km az=43.0.
 ISCJB Error ellipse: s-maj=7.6km s-min=7.2km az=131.0.
 KNET Error ellipse: s-maj=4.4km s-min=3.5km az=59.0.
KNET V 18 18 03 44.4-52 42.12N 76.10E 9-2 2.2L
 NNC V 18 18 03 45.0-2.5 42.14N 76.16E 0 2.8b,2.4
¶18463357
 KNET Error ellipse: s-maj=3.4km s-min=2.3km az=151.0.
 NNC Error ellipse: s-maj=17.2km s-min=13.9km az=1.0.
ISC V 08 15 02 14.7-55 42.60N-03 75.53E-04 10 19 0-4
 KNET V 08 15 02 13.2-30 42.60N 75.54E 18-4 1.3L
¶18463151
 ISCJB V 08 15 02 14.5-56 42.59N-03 75.54E-04 10 1.3L
 NNC V 08 15 02 15.4-1.7 42.63N 75.60E 0 3.0b,2.0
 KNET Error ellipse: s-maj=3.0km s-min=1.9km az=35.0.
 ISCJB Error ellipse: s-maj=4.9km s-min=3.8km az=165.7.
 NNC Error ellipse: s-maj=9.7km s-min=8.1km az=42.0.

(331) Kazakhstan-Xinjiang border region.

NNC II 11 10 43 40.3-31 43.45N 80.71E 28-11 4.2b,3.7
¶18333538
 NNC Error ellipse: s-maj=19.5km s-min=4.3km az=145.0.
NNC II 28 02 03 31.2-1.0 46.00N 80.12E 0 3.7b,3.5
¶18438935

NNC Error ellipse: s-maj=14.5km s-min=7.7km az=145.0.
NNC VI 03 10 39 40.3-2.1 44.70N 80.40E 0 3.0b,2.6
¶18650061

NNC Error ellipse: s-maj=28.4km s-min=10.1km az=144.0.
NNC VI 30 06 12 51.7-28 46.45N 82.85E 9-5 3.6b,3.3
¶18750967

NNC Error ellipse: s-maj=8.7km s-min=2.9km az=22.0.
NNC III 11 08 10 57.4-2.1 47.25N 83.51E 6-7 3.5b,2.9
¶110601702

NNC Error ellipse: s-maj=15.3km s-min=8.9km az=112.0.
ISC III 20 02 09 05.5-26 48.72N-03 85.11E-04 27 4.4b,3.4L 133 2-91
 BJI III 20 02 09 01.3 48.87N 84.99E 29 5.2b,5.0L
¶110606932
 ISCJB III 20 02 09 03.3-26 48.67N-03 85.14E-04 25 4.4b,3.4s
 IDC III 20 02 09 04.6-69 48.66N 85.27E 22-3 4.2,4.2
 MOS III 20 02 09 04.2-1.4 48.59N 85.07E 34 4.7b,4.2
 NEIC III 20 02 09 05.2-35 48.68N 85.18E 25 4.6b,4.2
 NNC III 20 02 09 13.0-7.8 48.61N 84.11E 19-36 4.7b,4.6
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=4.7km s-min=3.8km az=44.3.
 IDC Error ellipse: s-maj=10.0km s-min=7.2km az=126.0.
 MOS Error ellipse: s-maj=9.0km s-min=6.6km az=130.6.
 NEIC Event type se. Error ellipse: s-maj=9.5km s-min=5.6km az=189.0.
 NNC Error ellipse: s-maj=39.0km s-min=16.4km az=49.0.

ISC IV 02 09 56 16.1-6.9 44.3N-20 80.9E-50 23-46 3.4b 6 3-83
¶18503818
 NNC IV 02 09 56 13.6-4.6 44.43N 81.24E 0 3.2b,2.8
 IDC IV 02 09 56 13.2-2.0 44.38N 81.16E 0 3.5,3.4b
 ISCJB IV 02 09 56 14.7-6.9 44.3N-20 80.6E-40 29-45 3.4b,3.4b
ISC III 06 12 01 33.8-61 45.65N-04 81.03E-06 10 3.4b 35 1-81
¶110598379
 BJI III 06 12 01 31.9 45.69N 81.02E 15 3.7L
 ISCJB III 06 12 01 32.0-62 45.62N-05 80.91E-06 10 3.4b
 IDC III 06 12 01 31.9-1.6 45.62N 81.29E 0 3.8,3.5b
 NNC III 06 12 01 33.6-1.0 45.66N 81.02E 6-10 3.6b,3.3
 NEIC III 06 12 01 35.0-4.8 45.55N 81.20E 22-37 3.6b,3.3
 MOS III 06 12 01 37.0-1.3 45.67N 80.78E 62 3.8b,3.3
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=7.2km s-min=5.0km az=117.8.
 IDC Error ellipse: s-maj=25.9km s-min=18.4km az=107.0.
 NNC Error ellipse: s-maj=10.5km s-min=4.2km az=154.0.
 NEIC Event type se. Error ellipse: s-maj=24.6km s-min=13.5km az=125.0.
 MOS Error ellipse: s-maj=21.6km s-min=13.3km az=97.7.
ISC III 09 03 10 25.4-92 49.80N-06 87.89E-10 35 27 5-14
¶110600014
 IDC III 09 03 10 21.1-1.6 49.79N 87.90E 0 3.5,3.4
 ISCJB III 09 03 10 22.7-92 49.81N-06 87.89E-10 33 3.5,3.4
 NNC III 09 03 10 22.6-4.3 49.79N 87.74E 0 3.6b,3.4
 NEIC III 09 03 10 22.8-91 49.82N 87.86E 10 3.6b,3.4
 MOS III 09 03 10 22.8-1.4 49.81N 87.92E 33 3.5b,3.4
 ISC Event type se.
 IDC Error ellipse: s-maj=17.5km s-min=10.6km az=106.0.
 ISCJB Event type se. Error ellipse: s-maj=9.4km s-min=8.0km az=46.9.
 NNC Error ellipse: s-maj=39.9km s-min=26.8km az=59.0.
 NEIC Event type se. Error ellipse: s-maj=14.1km s-min=11.3km az=172.0.
 MOS Error ellipse: s-maj=37.2km s-min=25.9km az=121.3.

BJI V 19 13 42 33.2 47.02N 85.61E 10 3.3L
¶18588452
 NNC V 19 13 42 44.2-11 46.86N 85.61E 19-35 3.4b,3.0
 NNC Error ellipse: s-maj=62.3km s-min=44.7km az=90.0.
NNC V 29 00 35 13.0-84 47.67N 82.81E 1-9 3.5b,3.2
¶18649716

NNC Error ellipse: s-maj=13.2km s-min=4.4km az=105.0.
ISC I 08 15 14 10.9-53 44.52N-06 80.96E-05 10 24 2-15
¶18078456
 ISCJB I 08 15 14 08.0-56 44.64N-07 81.08E-05 10
 NNC I 08 15 14 10.3-1.5 44.56N 80.67E 0 3.9b,3.7
 BJI I 08 15 14 15.7 44.56N 81.12E 22 3.7L,3.7
 ISCJB Error ellipse: s-maj=10.0km s-min=5.3km az=174.5.
 NNC Error ellipse: s-maj=21.6km s-min=9.7km az=139.0.
ISC I 23 14 11 36.2-2.0 45.4N-10 81.4E-20 8 5 2-6
¶18318528
 NNC I 23 14 11 35.1-3.2 45.38N 81.39E 8-26 3.6b,3.2
 ISCJB I 23 14 11 39.1-1.8 45.5N-10 81.3E-20 33 3.6b,3.2
NNC III 03 21 35 20.6-5.2 43.14N 80.99E 0 3.6b,3.2
¶110596813

NNC Error ellipse: s-maj=56.6km s-min=12.1km az=146.0.

(332) Northern Xinjiang.
ISC IV 08 18 39 15.5-97 42.12N-09 84.96E-08 35 3.8b 38 3-75
¶110697617
 IDC IV 08 18 39 09.8-1.9 42.28N 85.39E 0 4.0s,4.0
 NNC IV 08 18 39 11.7-2.9 42.40N 85.33E 0 3.5b,3.1
 ISCJB IV 08 18 39 13.9-94 42.17N-09 84.98E-08 33 3.8b,3.1
 NEIC IV 08 18 39 13.7-3.8 42.15N 85.19E 26-27 3.4b,3.1
 MOS IV 08 18 39 13.6-98 42.25N 85.07E 33 4.0b,3.1
 BJI IV 08 18 39 14.9 42.24N 85.09E 14 3.8L,3.1
 ISC Event type se.
 IDC Error ellipse: s-maj=45.9km s-min=25.4km az=70.0.
 NNC Error ellipse: s-maj=28.2km s-min=21.6km az=99.0.
 ISCJB Event type se. Error ellipse: s-maj=12.7km s-min=8.8km az=155.3.
 NEIC Event type se. Error ellipse: s-maj=27.0km s-min=10.1km az=179.0.
 MOS Error ellipse: s-maj=35.0km s-min=13.1km az=123.9.

ISC IV 23 01 05 39.0-70 43.69N-05 81.69E-06 45-6 4.0b 81 3-83
¶110698042
 IDC IV 23 01 05 30.7-1.1 43.46N 81.94E 0 3.9b,3.8
 NEIC IV 23 01 05 33.6-79 43.60N 81.85E 10 4.2b,3.8
 BJI IV 23 01 05 34.1 43.59N 81.95E 11 4.1L,3.8
 MOS IV 23 01 05 34.9-2.7 43.53N 81.68E 33 4.2b,3.8
 NNC IV 23 01 05 36.1-1.1 43.79N 81.43E 0-5 3.9b,3.6
 ISCJB IV 23 01 05 37.2-75 43.76N-05 81.66E-06 41-7 4.0b,3.6
 ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.
NNC II 26 00 58 47.9-8.1 42.35N 82.16E 14-35 3.7b,3.3
¶18354270

NNC Error ellipse: s-maj=69.0km s-min=18.2km az=144.0.
BJI IV 09 08 29 44.3 43.76N 92.09E 13 3.3L
 NNC IV 09 08 29 45.9-1.6 44.18N 92.04E 0 3.6b,3.3
¶18504207
 NNC Error ellipse: s-maj=37.8km s-min=12.1km az=17.0.
ISC VI 17 12 21 38.7-4.7 42.6N-10 86.1E-30 20-29 3.4b 6 2-76
¶18750520
 IDC VI 17 12 21 35.9-1.8 42.71N 86.21E 0 3.8,3.6b
 ISCJB VI 17 12 21 36.4-1.4 42.58N-09 86.03E-09 15 3.4b,3.6b

VI 17 12 21 39.1 42.60N 85.89E 15 3.5L,3.6b
 IDC Error ellipse: s-maj=108.9km s-min=19.0km az=54.0.
 ISCJB Error ellipse: s-maj=13.5km s-min=9.7km az=150.4.
BJI IV 29 17 53 20.1 44.15N 88.08E 15 2.7L
 NNC IV 29 17 53 23.5-16 45.16N 88.92E 23-48 3.8b,3.5
¶18555127
 NNC Error ellipse: s-maj=175.3km s-min=80.1km az=8.0.
ISC III 11 11 05 30.9-25 43.88N-03 87.23E-04 22 4.3b 109 0-146
 LDG III 11 11 05 25.7-23 43.98N 87.36E 10-0 4.7b
¶110601775
 ISCJB III 11 11 05 28.9-25 43.90N-04 87.18E-04 21 4.3b
 MOS III 11 11 05 29.8-81 43.85N 87.10E 27 4.8b
 NEIC III 11 11 05 30.8-26 43.84N 87.16E 21 4.5b
 BJI III 11 11 05 30.1 43.74N 87.20E 22 4.7b,4.3L
 IDC III 11 11 05 30.4-53 43.78N 87.28E 20-2 4.1,4.0
 NNC III 11 11 05 36.9-1.0 44.00N 86.62E 33 4.0b,4.0

ISC Event type ke. Error ellipse: s-maj=11.2km s-min=5.4km az=88.0.
 ISCJB Event type ke. Error ellipse: s-maj=6.0km s-min=3.5km az=73.6.
 MOS Error ellipse: s-maj=11.3km s-min=6.5km az=122.9.
 NEIC Event type se. Error ellipse: s-maj=7.4km s-min=4.2km az=65.0.
 IDC Error ellipse: s-maj=16.2km s-min=11.1km az=49.0.
 NNC Error ellipse: s-maj=8.8km s-min=6.5km az=62.0.
ISC III 15 04 30 27.0-82 42.05N-07 88.31E-06 59-8 4.1b 93 2-88
 IDC III 15 04 30 19.0-63 41.92N 88.35E 0 4.0,3.9
¶110603998
 MOS III 15 04 30 23.2-1.1 41.98N 88.34E 37 4.4b,3.9
 BJI III 15 04 30 24.3 41.85N 88.20E 39 4.6b,4.4L
 NEIC III 15 04 30 24.9-1.3 41.94N 88.33E 40-11 4.2b,4.4L
 NNC III 15 04 30 26.1-3.1 42.16N 88.06E 18-26 4.2,4.1b
 ISCJB III 15 04 30 27.5-93 42.14N-06 88.28E-06 74-9 4.0b,4.1b
 ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.

ISC III 02 23 42 00.9-1.1 43.88N-04 84.45E-05 11-8 3.9b 59 2-78
¶110596142
 IDC III 02 23 41 58.0-1.1 43.73N 84.49E 0 3.8,3.7b
 ISCJB III 02 23 42 00.3-1.2 43.97N-05 84.29E-06 13-8 3.9b,3.7b
 BJI III 02 23 42 01.9 43.74N 84.21E 28 4.4b,4.1L
 MOS III 02 23 42 02.7-1.0 43.96N 84.40E 35 4.6b,4.1L
 NEIC III 02 23 42 03.9-91 43.82N 84.41E 33 4.7b,4.1L
 NNC III 02 23 42 06.2-1.2 43.91N 83.92E 13-5 4.1,3.8b

ISC Event type se.
 IDC Error ellipse: s-maj=26.2km s-min=15.1km az=70.0.
 ISCJB Event type se. Error ellipse: s-maj=8.7km s-min=6.9km az=95.9.
 MOS Error ellipse: s-maj=14.1km s-min=8.0km az=125.4.
 NEIC Event type se. Error ellipse: s-maj=16.1km s-min=13.0km az=189.0.
 NNC Error ellipse: s-maj=9.1km s-min=5.3km az=115.0.
ISC III 23 12 25 19.0-1.3 42.21N-08 87.58E-07 60-11 3.9b 41 2-89
 IDC III 23 12 25 11.1-79 42.12N 87.73E 0 4.1,3.9b
 MOS III 23 12 25 14.7-1.2 42.16N 87.46E 33 4.0,3.9b
 BJI III 23 12 25 15.9 42.03N 87.66E 50 3.9L,3.9b
 ISCJB III 23 12 25 16.9-1.5 42.15N-08 87.50E-07 56-13 3.9b,3.9b
 NEIC III 23 12 25 17.2-1.9 42.12N 87.49E 44-15 3.6b,3.9b
 NNC III 23 12 25 18.6-2.4 42.47N 87.48E 21-10 3.6b,3.5

ISC Event type se.
 IDC Error ellipse: s-maj=31.2km s-min=14.2km az=49.0.
 MOS Error ellipse: s-maj=25.4km s-min=10.0km az=117.4.
 ISCJB Event type se. Error ellipse: s-maj=14.2km s-min=8.4km az=9.8.
 NEIC Event type se. Error ellipse: s-maj=22.2km s-min=11.1km az=202.0.
 NNC Error ellipse: s-maj=16.9km s-min=11.5km az=76.0.
ISC III 09 11 12 41.5-79 42.01N-06 90.03E-05 37-7 4.2b,4.0s 91 2-87
¶110600201
 ISCJB III 09 11 12 36.9-1.9 41.94N-07 90.01E-06 19-13 4.2b,4.0s
 MOS III 09 11 12 38.9-87 41.97N 90.02E 33 4.7b,4.0s
 IDC III 09 11 12 38.3-80 41.83N 90.03E 21-4 4.0L,4.0
 NEIC III 09 11 12 38.6-46 41.82N 90.02E 23 4.5b,4.0
 BJI III 09 11 12 39.2 41.85N 89.91E 21 4.7b,4.5L
 NNC III 09 11 12 40.4-5.3 42.16N 89.74E 0 4.0,3.9b

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.1km s-min=6.0km az=42.0.
 MOS Error ellipse: s-maj=11.5km s-min=6.9km az=112.9.
 IDC Error ellipse: s-maj=25.4km s-min=14.9km az=57.0.
 NEIC Event type se. Error ellipse: s-maj=11.1km s-min=6.7km az=195.0.
 NNC Error ellipse: s-maj=47.0km s-min=44.2km az=59.0.
BJI III 18 05 55 00.9 44.05N 88.42E 14 3.0L
 NNC III 18 05 55 01.9-6.2 43.58N 87.83E 33-39 3.7b,3.2
¶110605803
 NNC Error ellipse: s-maj=70.9km s-min=50.6km az=47.0.
ISC VI 22 06 50 06.1-1.2 42.86N-08 82.6E-10 10 3.4b 13 4-75
¶18713884
 ISCJB VI 22 06 50 04.4-1.2 42.88N-08 82.4E-10 10 3.4b
 IDC VI 22 06 50 04.3-2.1 42.92N 82.57E 0 3.8,3.7b
 NNC VI 22 06 50 09.1-1.5 43.11N 82.72E 0 3.4b,3.0

ISCJB Error ellipse: s-maj=13.4km s-min=10.7km az=54.6.
 IDC Error ellipse: s-maj=38.3km s-min=20.8km az=107.0.
 NNC Error ellipse: s-maj=14.2km s-min=6.6km az=126.0.
ISC III 01 14 26 47.1-1.5 43.6N-10 85.27E-09 10 3.5b 12 2-78
¶110595192
 NNC III 01 14 26 42.4-9.6 44.90N 86.65E 0 3.5b,3.2
 ISCJB III 01 14 26 44.7-1.5 43.7N-10 85.24E-09 10 3.5b,3.2
 IDC III 01 14 26 44.9-1.8 43.60N 85.08E 0 4.0,3.8
 BJI III 01 14 26 47.9 44.24N 85.26E 16 3.7L,3.8

NNC Error ellipse: s-maj=87.3km s-min=65.8km az=117.0.
 ISCJB Error ellipse: s-maj=20.1km s-min=6.2km az=42.9.
 IDC Error ellipse: s-maj=54.6km s-min=19.0km az=59.0.
ISC III 02 05 10 20.2-2.9 43.9N-20 88.5E-20 12-18 3.7b 12 1-79
¶110595575
 IDC III 02 05 10 18.4-1.2 43.60N 88.11E 0 4.1,3.9b
 ISCJB III 02 05 10 22.4-1.6 43.8N-10 88.2E-20 42-16 3.7b,3.9b
 BJI III 02 05 10 22.8 44.00N 88.43E 15 3.8L,3.9b
 NNC III 02 05 10 22.8-1.1 44.61N 88.75E 0 3.6b,3.2

ISC Error ellipse: s-maj=50.4km s-min=15.8km az=52.0.
 ISCJB Error ellipse: s-maj=32.7km s-min=12.7km az=103.5.
 NNC Error ellipse: s-maj=15.7km s-min=7.8km az=29.0.
ISC III 11 11 49 24.6-87 43.95N-09 87.5E-10 35 11 0-14
¶110601806
 IDC III 11 11 49 21.7-4.3 44.06N 87.42E 0 3.5,3.4
 ISCJB III 11 11 49 23.4-76 44.07N-07 87.5E-10 33 3.5,3.4
 BJI III 11 11 49 23.3 43.82N 87.22E 14 3.2L,3.4
 NNC III 11 11 49 25.4-1.6 43.94N 87.00E 31-7 3.5b,3.2

ISC Error ellipse: s-maj=44.6km s-min=26.3km az=14.0.
 ISCJB Error ellipse: s-maj=13.5km s-min=6.2km az=102.0.
 NNC Error ellipse: s-maj=41.7km s-min=8.7km az=44.0.
ISC II 02 01 04 06.1-74 44.24N-03 84.32E-03 31-6 4.2b,3.9s 124 2-92
¶18079728
 IDC II 02 01 04 01.8-69 44.17N 84.33E 0 4.5L,4.2
 NEIC II 02 01 04 03.5-41 44.14N 84.21E 10 4.1b,4.2
 ISCJB II 02 01 04 04.2-77 44.20N-03 84.25E-03 30-6 4.2b,3.9s
 BJI II 02 01 04 04.0 44.04N 84.33E 14 4.6L,4.6b
 MOS II 02 01 04 05.0-1.4 44.23N 84.12E 33 4.9b,4.6b
 NNC II 02 01 04 12.7-1.8 44.44N 83.55E 26-8 4.6b,4.6
 NAO II 02 01 04 21.3 45.45N 82.47E 33 4.3b,4.6
 ISC Event type se.
 IDC Error ellipse: s-maj=19.5km s-min=9.9km az=57.0.
 NEIC Event type se. Error ellipse: s-maj=10.0km s-min=5.2km az=69.0.
 ISCJB Event type se. Error ellipse: s-maj=5.2km s-min=3.7km az=35.8.
 MOS Error ellipse: s-maj=9.4km s-min=6.0km az=114.8.
 NNC Error ellipse: s-maj=16.3km s-min=8.0km az=108.0.
BJI II 02 12 34 47.6 46.23N 90.50E 18 3.4L
 NNC II 02 12 34 46.6-5.7 45.81N 90.29E 0 3.7b,3.3
¶18318965
 NNC Error ellipse: s-maj=46.0km s-min=24.8km az=89.0.
BJI II 03 08 22 46.6 44.68N 94.29E 19 4.0L
 NNC II 03 08 22 49.1-5.1 44.69N 93.80E 20-16 3.5b,3.3
¶18318998
 NNC Error ellipse: s-maj=80.1km s-min=28.8km az=24.0.
ISC II 07 19 50 41.7-55 42.62N-05 88.04E-05 39-5 4.2b 108 1-89
¶18079958
 NEIC II 07 19 50 37.4-34 42.58N 88.10E 10 4.5b
 BJI II 07 19 50 37.5 42.50N 88.04E 10 4.6b,4.3L
 MOS II 07 19 50 39.6-1.3 42.62N 87.94E 33 4.5b,4.3L
 ISCJB II 07 19 50 39.9-70 42.46N-04 87.88E-04 40-7 4.2b,4.3L
 IDC II 07 19 50 39.1-24 42.86N 87.36E 10-0 4.6b,2.7s
 LDG II 07 19 50 40.2-7.0 42.52N 88.05E

NEIC Event type se. Error ellipse: s-maj=2.4km s-min=1.8km az=197.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s23 Moment tensor: Scale 1.017Nm; M₁₁3.15 M₂₂-1.81 M₃₃1.12 M₁₂0.14 M₁₃0.90 Best double couple: NP1:φ=116.0000°; δ50.0000°; λ58.0000°. NP2: φ=340.0000°; δ49.0000°; λ123.0000°. Principal axes: T 3.8000; P1g66.0000; Azm319.0000°; N -0.0700; P1g24.0000; Azm137.0000°; P -3.7300; P1g1.0000°; Azm228.0000°; M₃₃8.0000×10¹⁷ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=107.0000°; δ54.0000°; λ53.0000°. NP2: φ=340.0000°; δ50.0000°; λ130.0000°. Principal axes: T P1g60.0000°; Azm317.0000°; N P1g0.0000°; Azm0.0000°; P P1g2.0000°; Azm223.0000°

SZGRF Mongolia

ISC	IV	30 01 15 11.7-45	44.56N-04	102.15E-08	10	3.7b	30	4-74
MOS	IV	30 01 15 02.9-20	43.97N	102.54E	10	4.1b		¶18565474
ISCJB	IV	30 01 15 09.8-52	44.56N-05	102.26E-10	10	3.8b		
IDC	IV	30 01 15 10.2-97	44.72N	102.31E	0	3.9,3.7b		
NEIC	IV	30 01 15 11.9-70	44.64N	102.31E	10	3.8b,3.7b		
BJI	IV	30 01 15 12.1	44.62N	102.39E	10	4.1L,3.7b		

ISC Event type se.

MOS Error ellipse: s-maj=18.6km s-min=10.6km az=95.5.

ISCJB Event type se. Error ellipse: s-maj=10.8km s-min=6.3km az=45.2.

IDC Error ellipse: s-maj=21.0km s-min=19.4km az=119.0.

NEIC Event type se. Error ellipse: s-maj=13.3km s-min=9.6km az=173.0.

ISC IV 30 15 34 46.0-31 44.61N-03 102.50E-05 10 4.1b 61 4-74

BJI IV 30 15 34 42.2 44.82N 102.56E 12 4.5b,4.4b ¶110698199

MOS IV 30 15 34 43.4-88 44.45N 102.40E 10 4.1b,4.4b

ISCJB IV 30 15 34 44.1-32 44.58N-03 102.52E-05 10 4.1b,4.4b

IDC IV 30 15 34 44.1-76 44.55N 102.32E 0 4.0,3.9b

NEIC IV 30 15 34 45.8-4.8 44.53N 102.28E 11-30 3.9b,3.9b

ISC Event type se.

MOS Error ellipse: s-maj=15.0km s-min=8.3km az=86.4.

ISCJB Event type se. Error ellipse: s-maj=5.4km s-min=4.8km az=10.8.

IDC Error ellipse: s-maj=17.3km s-min=16.9km az=144.0.

NEIC Event type se. Error ellipse: s-maj=16.1km s-min=8.8km az=170.0.

ISC IV 30 22 48 40.7-77 45.65N-08 114.89E-10 10 3.4b 24 5-65

BJI IV 30 22 48 35.9 45.76N 114.84E 10 4.3L,4.0b ¶18565479

ISCJB IV 30 22 48 39.4-78 45.70N-09 114.9E-10 10 3.4b,4.0b

MOS IV 30 22 48 41.0-69 45.93N 114.78E 10 3.6b,4.0b

ISCJB IV 30 22 48 41.6-3.9 45.91N 114.93E 0 3.6,3.4

IDC IV 30 22 48 42.7-1.4 45.86N 114.83E 10 4.0b,3.4

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=15.9km s-min=7.1km az=99.0.

MOS Error ellipse: s-maj=21.3km s-min=19.0km az=71.2.

IDC Error ellipse: s-maj=94.4km s-min=22.6km az=178.0.

NEIC Event type se. Error ellipse: s-maj=29.3km s-min=11.6km az=157.0.

ISC III 06 19 10 17.9-33 48.18N-02 103.11E-04 10 3.9b 98 2-77

MOS III 06 19 10 15.1-95 47.97N 103.03E 14 4.2b ¶110598596

BYKL III 06 19 10 15.3-1.3 47.97N 102.96E 1-19 4.2b

IDC III 06 19 10 15.6-90 48.05N 103.10E 0 3.9,3.7

ISCJB III 06 19 10 15.7-36 48.29N-02 103.12E-05 10 3.9b,3.7

NEIC III 06 19 10 17.3-41 48.21N 103.16E 10 4.0b,3.7

BJI III 06 19 10 22.0 47.55N 103.54E 18 5.1b,4.5L

ISC Event type se.

MOS Error ellipse: s-maj=10.8km s-min=6.3km az=76.3.

BYKL Event type se.

IDC Error ellipse: s-maj=26.2km s-min=13.3km az=14.0.

ISCJB Event type se. Error ellipse: s-maj=4.5km s-min=3.1km az=34.8.

NEIC Event type se. Error ellipse: s-maj=11.9km s-min=6.7km az=181.0.

ISC IV 12 08 18 06.5-81 46.98N-08 102.33E-09 10 3.3b 18 3-73

ISCJB IV 12 08 18 04.2-84 46.97N-08 102.41E-10 10 3.3b ¶18645937

IDC IV 12 08 18 04.4-1.1 46.92N 102.19E 0 3.6,3.5L

MOS IV 12 08 18 05.9-1.8 46.90N 102.31E 21 3.6b,3.5L

ISCJB Error ellipse: s-maj=12.0km s-min=9.3km az=45.4.

IDC Error ellipse: s-maj=28.6km s-min=15.9km az=173.0.

MOS Error ellipse: s-maj=17.0km s-min=13.1km az=98.5.

BJI III 24 20 55 58.3 45.34N 92.68E 15 3.9L

NNC III 24 20 55 59.4-17 45.23N 92.17E 9-36 3.6b,3.3 ¶110609841

NEIC Error ellipse: s-maj=127.0km s-min=121.2km az=43.0.

BYKL III 30 03 48 55.2-51 49.15N 99.47E 12 4.1b ¶110613219

MOS III 30 03 48 55.0-3.0 49.13N 99.53E 12 4.1b

BYKL Event type se.

MOS Error ellipse: s-maj=26.7km s-min=12.6km az=70.9.

ISC VI 15 09 00 45.6-45 45.06N-04 97.50E-07 10 3.7b 27 6-91

MOS VI 15 09 00 43.9-1.3 45.10N 97.48E 10 4.0b ¶18750481

BJI VI 15 09 00 43.6 45.56N 97.74E 16 4.4L,4.3b

ISCJB VI 15 09 00 44.0-61 45.12N-08 97.49E-08 10 3.7b,4.3b

NEIC VI 15 09 00 44.5-5.9 44.98N 97.47E 1-40 3.8b,4.3b

IDC VI 15 09 00 44.9-1.3 45.14N 97.55E 0 3.9,3.9

ISC Event type se.

MOS Error ellipse: s-maj=15.0km s-min=11.4km az=82.5.

ISCJB Event type se. Error ellipse: s-maj=12.0km s-min=7.4km az=142.7.

NEIC Event type se. Error ellipse: s-maj=17.0km s-min=13.6km az=200.0.

IDC Error ellipse: s-maj=27.9km s-min=16.2km az=11.0.

ISC VI 25 16 28 15.9-50 45.36N-06 97.49E-07 10 3.7b 22 6-76

ISCJB VI 25 16 28 13.8-50 45.34N-06 97.54E-07 10 3.7b ¶18750731

IDC VI 25 16 28 13.9-1.3 45.30N 97.53E 0 3.7b,3.7

NEIC VI 25 16 28 18.9-3.0 45.35N 97.54E 32-22 3.7b,3.7

BJI VI 25 16 28 21.3 45.21N 96.98E 18 4.1L,3.6s

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=9.0km s-min=6.6km az=29.9.

IDC Error ellipse: s-maj=31.9km s-min=16.7km az=180.0.

NEIC Event type se. Error ellipse: s-maj=18.5km s-min=6.9km az=190.0.

ISC VI 15 23 04 48.1-10 45.38N-02 97.43E-02 13 5.0b,4.4s 737 6-170

IDC VI 15 23 04 45.2-44 45.39N 97.61E 0 4.9b,4.9 ¶110698947

LDG VI 15 23 04 45.1-12 45.48N 97.33E 10-0 5.1b,4.1s

MOS VI 15 23 04 45.7-96 45.39N 97.39E 10 5.2b,4.6s

BJI VI 15 23 04 45.9 45.42N 97.51E 13 5.7L,5.1s

ISCJB VI 15 23 04 46.6-11 45.37N-02 97.31E-02 13 5.0b,4.4s

NEIC VI 15 23 04 47.8-12 45.37N 97.44E 13 5.1b,4.3s

HRVD VI 15 23 04 47.8-20 45.36N 97.49E 18-0 5.0W,4.3s

NNC VI 15 23 04 48.0-1.7 45.70N 97.41E 0 5.1b,4.3s

SZGRF VI 15 23 04 50.3 44.97N 97.00E 33 5.0b,4.4s

ISC Event type ke.

IDC Error ellipse: s-maj=13.1km s-min=10.1km az=1.0.

LDG Event type ke. Error ellipse: s-maj=6.2km s-min=4.0km az=163.0.

MOS Error ellipse: s-maj=5.4km s-min=3.5km az=123.6.

ISCJB Event type ke. Error ellipse: s-maj=3.0km s-min=2.2km az=177.8.

NEIC Event type se. Error ellipse: s-maj=3.6km s-min=2.6km az=186.0.

HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s44,c57; Mantle waves: s68,c114; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M₁₁3.06E+14 M₂₂2.21E+10; M₃₃0.85E+10; M₁₁1.47E+22; M₂₂1.64E+07; M₃₃0.01E+23; Best double couple: NP1:φ=318.0000°; δ36.0000°; λ113.0000°. NP2:φ=110.0000°; δ57.0000°; λ74.0000°. Principal axes: T 3.4840; P1g73.0000°; Azm340.0000°; N 0.0540; P1g13.0000°; Azm119.0000°; P -3.5400; P1g11.0000°; Azm211.0000°; M₃₃5.1200×10¹⁶

NNC Error ellipse: s-maj=34.3km s-min=19.6km az=17.0.

SZGRF Mongolia

ISC	VI	28 12 37 07.9-61	49.93N-09	91.83E-06	10	5.0b,4.2s	22	4-36
ISCJB	VI	28 12 37 05.5-61	49.84N-09	91.81E-07	10	5.0b,4.2s		¶18750883
MOS	VI	28 12 37 05.0-1.1	49.89N	91.80E	11	5.0b,4.2s		
IDC	VI	28 12 37 06.1-1.7	50.04N	91.83E	0	3.4,3.3		

ISCJB Error ellipse: s-maj=12.3km s-min=6.2km az=5.0.

MOS Error ellipse: s-maj=15.3km s-min=11.7km az=106.1.

IDC Error ellipse: s-maj=22.8km s-min=17.4km az=2.0.

ISC VI 15 06 49 49.7-08 45.42N-02 97.36E-02 13 5.7s,5.7b 1379 6-170

BGS VI 15 06 49 41.4 44.43N 97.92E 10 5.4b,5.7b ¶110698938

SZGRF VI 15 06 49 46.6 45.12N 98.38E 33 5.8b,5.8s

BJI VI 15 06 49 46.9 45.36N 97.46E 15 6.3s,6.3L

MOS VI 15 06 49 46.8-88 45.36N 97.40E 10 5.8s,5.7b

LDG VI 15 06 49 46.6-19 45.52N 97.26E 10-0 5.6b,5.6s

IDC VI 15 06 49 46.6-39 45.39N 97.56E 0 5.5s,5.5

ISCJB VI 15 06 49 48.0-08 45.38N-02 97.25E-02 12 5.7s,5.7b

HRVD VI 15 06 49 48.8-10 45.37N 97.49E 22-0 5.8W,5.7b

NEIC VI 15 06 49 48.8-09 45.39N 97.35E 9 6.2s,5.8W

NNC VI 15 06 49 50.0-1.4 46.09N 97.59E 0 5.7b,5.8W

ISC Event type ke.

SZGRF Mongolia

MOS Error ellipse: s-maj=5.4km s-min=3.0km az=131.3.

LDG Event type ke. Error ellipse: s-maj=9.5km s-min=5.6km az=161.0.

IDC Error ellipse: s-maj=13.1km s-min=9.5km az=17.0.

ISCJB Event type ke. Error ellipse: s-maj=2.3km s-min=1.7km az=15.7.

HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s91,c181; Mantle waves: s110,c313; Half duration: 19.9 Moment tensor: Scale 1.017Nm; M₁₁1.22E+06 M₂₂0.66E+05; M₃₃0.56E+06; M₁₂1.23E+11; M₂₃5.66E+05; M₃₁0.61E+10; Best double couple: NP1:φ=359.0000°; δ75.0000°; λ170.0000°. NP2:φ=91.0000°; δ80.0000°; λ15.0000°. Principal axes: T 5.4510; P1g17.0000°; Azm315.0000°; N 0.8450; P1g72.0000°; Azm123.0000°; P -6.2980; P1g3.0000°; Azm224.0000°; M₅₅8.7400×10¹⁷

NEIC Event type se. Error ellipse: s-maj=2.7km s-min=1.9km az=191.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s23 Moment tensor: Scale 1.017Nm; M₁₁0.15 M₂₂3.94 M₃₃3.80 M₁₂0.38 M₁₃4.65 M₂₃1.79 Best double couple: NP1:φ=340.0000°; δ88.0000°; λ163.0000°. NP2: φ=70.0000°; δ73.0000°; λ3.0000°. Principal axes: T 6.3200; P1g13.0000°; Azm294.0000°; N -0.0100; P1g73.0000°; Azm152.0000°; P -6.3100; P1g10.0000°; Azm26.0000°; M₆₆3.0000×10¹⁷ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ=88.0000°; δ80.0000°; λ15.0000°. NP2: φ=355.0000°; δ75.0000°; λ170.0000°. Principal axes: T P1g18.0000°; Azm312.0000°; N P1g0.0000°; Azm0.0000°; P P1g4.0000°; Azm221.0000°

NNC Error ellipse: s-maj=26.4km s-min=15.7km az=16.0.

ISC VI 25 05 32 06.1-16 45.23N-02 97.56E-03 12 4.5b,4.0s 259 6-152

IDC VI 25 05 32 03.4-61 45.24N 97.62E 0 4.4,4.3 ¶110699095

NNC VI 25 05 32 03.4-8.6 44.02N 96.62E 0 4.4b,4.3

BJI VI 25 05 32 03.1 45.29N 97.48E 11 5.1L,4.7b

ISCJB VI 25 05 32 04.2-16 45.22N-02 97.54E-03 11 4.5b,4.0s

LDG VI 25 05 32 04.1-15 45.22N 97.39E 10-0 4.6b,3.5s

NEIC VI 25 05 32 05.8-24 45.21N 97.55E 11 4.6b,3.5s

MOS VI 25 05 32 05.0-1.0 45.27N 97.54E 17 4.7b,3.5s

ISC Event type ke.

IDC Error ellipse: s-maj=21.4km s-min=12.2km az=27.0.

NNC Error ellipse: s-maj=121.7km s-min=110.4km az=87.0.

ISCJB Event type ke. Error ellipse: s-maj=3.8km s-min=2.8km az=75.6.

LDG Event type ke. Error ellipse: s-maj=6.8km s-min=5.3km az=133.0.

NEIC Event type se. Error ellipse: s-maj=7.1km s-min=4.4km az=188.0.

MOS Error ellipse: s-maj=7.8km s-min=5.1km az=119.1.

ISC III 09 10 49 55.2-54 42.08N-07 105.36E-06 10 3.6b 23 4-71

ISCJB III 09 10 49 52.4-60 41.95N-07 105.42E-07 10 3.6b ¶110600193

IDC III 09 10 49 53.1-2.1 42.02N 105.49E 0 3.7,3.6b

BJI III 09 10 49 54.6 42.39N 105.54E 15 3.7s,3.7L

MOS III 09 10 50 14.2-24 45.76N 104.92E 10 4.2b,3.7L

ISCJB Error ellipse: s-maj=10.7km s-min=6.7km az=44.5.

IDC Error ellipse: s-maj=37.9km s-min=28.0km az=137.0.

MOS Error ellipse: s-maj=99.9km s-min=67.2km az=96.7.

ISC V 27 09 20 09.4-66 44.67N-04 102.52E-09 10 3.7s,3.6b 28 4-78

BJI V 27 09 20 03.5 45.19N 102.22E 8 4.2L,4.0s ¶18648220

IDC V 27 09 20 04.8-2.6 44.36N 102.75E 0 3.8,3.6b

MOS V 27 09 20 06.3-65 44.56N 102.47E 10 3.9b,3.6b

ISCJB V 27 09 20 07.2-67 44.65N-05 102.53E-10 10 3.7s,3.6b

NEIC V 27 09 20 12.4-92 45.09N 102.40E 10 3.6b,3.6b

ISC Event type se.

IDC Error ellipse: s-maj=43.1km s-min=18.9km az=153.0.

MOS Error ellipse: s-maj=23.1km s-min=12.2km az=86.4.

ISCJB Event type se. Error ellipse: s-maj=9.9km s-min=6.4km az=26.4.

NEIC Event type se. Error ellipse: s-maj=15.5km s-min=13.0km az=146.0.

ISC V 01 02 42 26.1-49 44.59N-06 102.32E-08 10 3.8b 38 4-74

BJI V 01 02 42 22.7 44.70N 102.51E 9 4.2L,3.9b ¶18646828

ISCJB V 01 02 42 24.1-49 44.56N-05 102.36E-08 10 3.8b,3.9b

IDC V 01 02 42 25.3-1.1 44.68N 102.35E 0 3.9,3.7b

NEIC V 01 02 42 26.4-56 44.57N 102.27E 10 3.9b,3.7b

MOS V 01 02 42 28.5-1.1 44.73N 102.29E 35 4.0b,3.7b

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=8.5km s-min=6.7km az=74.8.

IDC Error ellipse: s-maj=24.4km s-min=15.8km az=159.0.

NEIC Event type se. Error ellipse: s-maj=11.5km s-min=7.9km az=161.0.

MOS Error ellipse: s-maj=16.7km s-min=9.8km az=91.9.

ISC I 11 09 31 57.1-2.1 49.38N-09 92.35E-07 14-13 3.9b 49 4-78

MOS I 11 09 31 53.9-1.4 49.38N 92.49E 10 4.4b ¶18185156

IDC I 11 09 31 55.4-1.2 49.45N 92.46E 0 4.0,3.9

NEIC I 11 09 31 56.9-5.4 49.52N 92.41E 10 4.2b,3.9

ISCJB I 11 09 31 57.4-1.4 49.34N-09 92.32E-07 31-12 3.9b,3.9

NNC I 11 09 31 59.9-1.6 49.12N 91.69E 0 3.9b,3.9

ISC Event type se.

MOS Error ellipse: s-maj=11.0km s-min=7.7km az=123.3.

IDC Error ellipse: s-maj=30.8km s-min=12.7km az=161.0.

NEIC Event type se. Error ellipse: s-maj=15.4km s-min=7.0km az=185.0.

ISCJB Event type se. Error ellipse: s-maj=14.8km s-min=7.8km az=173.5.

NNC Error ellipse: s-maj=47.7km s-min=13.0km az=25.0.

ISC I 04 08 32 48.5-1.1 45.29N-06 114.5E-10 10 3.6b 15 5-67

ISCJB I 04 08 32 46.4-1.1 45.18N-07 114.6E-20 10 3.6b ¶18317990

BJI I 04 08 32 46.0 45.48N 114.87E 26 4.5L,4.5b

IDC I 04 08 32 47.4-1.4 45.28N 114.89E 0 3.8,3.6

ISCJB Error ellipse: s-maj=20.1km s-min=8.2km az=44.3.

IDC Error ellipse: s-maj=40.8km s-min=21.1km az=29.0.

ISC I 04 22 33 44.9-22 44.74N-03 101.90E-04 10 4.4b,3.7s 147 4-150

LDG I 04 22 33 41.6-22 44.50N 101.83E 10-0 4.7b,2.9s ¶18029761

MOS I 04 22 33 42.3-74 44.52N 101.87E 10 4.5b,2.9s

IDC I 04 22 33 42.9-74 44.61N 101.87E 0 4.3,4.2

ISCJB I 04 22 33 43.3-23 44.67N-03 101.84E-04 10 4.4b,3.7s

BJI I 04 22 33 43.3 44.85N 101.78E 10 4.7L,4.7b

NEIC I 04 22 33 45.3-40 44.75N 101.80E 10 4.6b,4.7b

SZGRF I 04 22 33 54.4 45.19N 101.36E 33 4.6b,4.7b

ISC Event type ke.

LDG Event type ke. Error ellipse: s-maj=8.9km s-min=6.6km az=153.0.

MOS Error ellipse: s-maj=10.7km s-min=6.3km az=128.0.

IDC Error ellipse: s-maj=19.0km s-min=15.1km az=174.0.

ISCJB Event type ke. Error ellipse: s-maj=4.3km s-min=4.2km az=131.2.

NEIC Event type se. Error ellipse: s-maj=9.8km s-min=6.5km az=171.0.

SZGRF Mongolia

NEIC I 06 01 21 38.6-1.6 47.29N 96.29E 10 3.3b

IDC I 06 01 21 36.6-2.8 47.04N 96.29E 0 3.9b,3.6 ¶19478072

NEIC Event type se. Error ellipse: s-maj=47.5km s-min=12.1km az=4.0.

IDC Error ellipse: s-maj=78.1km s-min=18.2km az=179.0.

MOS VI 15 06 38 57.9-2.3 45.25N 97.54E 14 4.8b ¶110628714

MOS Error ellipse: s-maj=31.1km s-min=19.3km az=62.1.

SEISMIC REGION 29. Western Asia.

(335) Ural Mountains region.

MOS	II	02 11 30 21.8-1.3	60.87N	61.87E	10	3.8b		
CSEM	II	02 11 30 21.8-3.0	60.87N	61.87E	10	3.8b		¶110539273

MOS Error ellipse: s-maj=31.6km s-min=13.6km az=88.3.

CSEM Event type ke. Error ellipse: s-maj=10.9km s-min=3.8km az=22.0. After OBN.

(337) Eastern Caucasus.

ISC	IV	28 22 56 11.3-98	43.08N-04	45.66E-07	12		40	1-2
ISCJB	IV	28 22 56 12.6-30	43.10N-03	45.73E-07	12			¶18646702
TIF	IV	28 22 56 11.2	43.05N	45.64E	12-3			
MOS	IV	28 22 56 15.2-68	43.06N	45.42E	36	3.9b		
CSEM	IV	28 22 56 15.0						

MOS	Error ellipse: s-maj=18.4km s-min=11.7km az=14.1.								
CSEM	After OBN.								
ISC	VI 28 01 55 28.4-1.0	43.34N-04	45.03E-06	13					
MOS	VI 28 01 55 24.8-9.0	43.29N	45.11E	14					
TIF	VI 28 01 55 26.4	43.34N	45.09E	13-3					
ISCJB	VI 28 01 55 27.7-1.0	43.36N-04	45.05E-06	13					
MOS	IV 04 09 10 45.4-52	42.37N	45.50E	52					
MOS	Error ellipse: s-maj=99.9km s-min=23.3km az=37.3.								
MOS	IV 16 02 43 11.5-2.0	43.14N	45.73E	15					
CSEM	IV 16 02 43 11.5	43.14N	45.73E	15					
MOS	Error ellipse: s-maj=19.1km s-min=8.9km az=14.8.								
CSEM	After OBN.								
ISC	IV 20 10 24 28.8-1.0	42.40N-03	45.07E-08	9-8					
ISCJB	IV 20 10 24 28.3-96	42.40N-03	45.04E-08	3-10					
MOS	IV 20 10 24 28.9-09	42.35N	44.85E	11					
CSEM	IV 20 10 24 28.1	42.35N	44.85E	11					
TIF	IV 20 10 24 28.1	42.40N	45.05E	15-3					
ISCJB	Error ellipse: s-maj=10.1km s-min=4.1km az=148.6.								
MOS	Error ellipse: s-maj=32.5km s-min=11.7km az=112.4.								
CSEM	Error ellipse: s-maj=32.5km s-min=11.7km az=224.0. After OBN.								
MOS	IV 02 10 26 23.5-2.1	43.31N	45.31E	13					
MOS	Error ellipse: s-maj=77.0km s-min=20.2km az=153.0.								
MOS	IV 05 07 10 49.2-2.6	42.83N	45.76E	33					
MOS	Error ellipse: s-maj=68.2km s-min=16.0km az=15.3.								
MOS	IV 11 01 14 57.6-66	43.29N	45.73E	77					
MOS	Error ellipse: s-maj=26.1km s-min=10.8km az=2.1.								
MOS	IV 22 01 12 39.2-33	42.77N	45.43E	57					
MOS	Error ellipse: s-maj=49.7km s-min=16.1km az=27.4.								
MOS	IV 23 21 10 04.4-40	43.16N	45.52E	28					
MOS	Error ellipse: s-maj=25.3km s-min=12.6km az=6.6.								
MOS	IV 24 17 48 17.2-2.6	42.47N	45.53E	29					
MOS	Error ellipse: s-maj=78.3km s-min=17.3km az=36.7.								
MOS	IV 25 00 43 58.0-2.2	42.40N	45.54E	43					
MOS	Error ellipse: s-maj=83.1km s-min=17.6km az=44.3.								
MOS	IV 27 11 08 40.8-1.6	42.98N	45.78E	24					
MOS	Error ellipse: s-maj=52.3km s-min=13.6km az=8.6.								
MOS	IV 27 22 28 05.0-1.6	42.89N	45.31E	44					
MOS	Error ellipse: s-maj=31.8km s-min=13.3km az=26.9.								
MOS	IV 28 07 49 19.4-96	43.22N	45.06E	31					
MOS	Error ellipse: s-maj=23.2km s-min=15.2km az=163.1.								
MOS	III 09 04 58 28.2-4.0	43.53N	45.19E	16					
MOS	Error ellipse: s-maj=99.9km s-min=40.7km az=49.1.								
MOS	III 11 23 23 04.0-97	43.38N	45.10E	30					
MOS	Error ellipse: s-maj=24.0km s-min=12.7km az=146.8.								
MOS	III 13 12 55 52.0-1.8	42.99N	46.67E	18					
CSEM	III 13 12 55 52.0	42.99N	46.67E	18					
MOS	Error ellipse: s-maj=14.7km s-min=8.0km az=16.3.								
CSEM	After OBN.								
MOS	III 30 19 10 17.1-14	42.55N	46.16E	10					
CSEM	III 30 19 10 17.0	42.55N	46.16E	10					
MOS	Error ellipse: s-maj=66.8km s-min=13.7km az=22.9.								
CSEM	After OBN.								
ISC	III 28 23 23 56.9-49	41.80N-02	45.50E-03	8-3					
CSEM	III 28 23 23 55.9-16	41.71N	45.48E	2					
MOS	III 28 23 23 55.9-2.8	41.71N	45.44E	10					
NSSP	III 28 23 23 55.7	41.75N	45.25E	9					
ISCJB	III 28 23 23 56.2-54	41.81N-03	45.49E-03	6-4					
TIF	III 28 23 23 56.6	41.75N	45.50E	33-1					
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=4.1km s-min=2.9km az=127.0.								
MOS	Error ellipse: s-maj=9.9km s-min=7.0km az=86.9.								
ISCJB	Event type ke. Error ellipse: s-maj=4.5km s-min=2.8km az=126.2.								
ISC	IV 08 06 07 33.8-1.0	42.49N-02	45.59E-08	9-5					
ISCJB	IV 08 06 07 32.8-1.0	42.51N-03	45.64E-08	10					
TIF	IV 08 06 07 32.8	42.49N	45.56E	10-2					
MOS	IV 08 06 07 38.0-2.1	42.40N	45.09E	10					
ISCJB	Error ellipse: s-maj=8.3km s-min=3.8km az=168.5.								
MOS	Error ellipse: s-maj=21.4km s-min=7.9km az=113.1.								
ISC	IV 10 17 09 06.9-1.1	43.45N-04	45.66E-09	35					
ISCJB	IV 10 17 09 06.3-1.1	43.45N-04	45.64E-09	33					
MOS	IV 10 17 09 14.0-1.4	43.35N	44.79E	25					
ISCJB	Error ellipse: s-maj=10.3km s-min=4.5km az=121.3.								
MOS	Error ellipse: s-maj=10.2km s-min=9.1km az=134.0.								
ISC	III 30 21 08 29.7-35	42.25N-02	45.50E-02	0-2					
IDC	III 30 21 08 29.5-74	42.20N	45.37E	0					
CSEM	III 30 21 08 29.6-06	42.25N	45.54E	15					
ISCJB	III 30 21 08 29.1-35	42.27N-02	45.49E-02	6-3					
TIF	III 30 21 08 29.5	42.23N	45.44E	15-2					
MOS	III 30 21 08 30.0-2.1	42.24N	45.44E	17					
NEIC	III 30 21 08 31.4-47	42.30N	45.45E	10					
NNC	III 30 21 08 39.6-8.2	41.41N	48.12E	0					
ISC	Event type ke.								
IDC	Error ellipse: s-maj=17.3km s-min=9.2km az=117.0.								
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.2km az=147.0.								
ISCJB	Event type ke. Error ellipse: s-maj=3.1km s-min=2.3km az=153.0.								
MOS	Error ellipse: s-maj=6.3km s-min=5.0km az=111.0.								
NEIC	Event type se. Error ellipse: s-maj=9.9km s-min=6.1km az=158.0.								
NNC	Error ellipse: s-maj=134.5km s-min=69.6km az=104.0.								
ISC	III 30 22 37 44.9-39	42.26N-02	45.41E-03	1-4					
ISCJB	III 30 22 37 44.0-40	42.27N-02	45.42E-02	1-5					
CSEM	III 30 22 37 44.8-19	42.21N	45.40E	2					
MOS	III 30 22 37 44.3-2.0	42.15N	45.40E	16					
TIF	III 30 22 37 44.7	42.25N	45.36E	17-2					
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.3km s-min=3.0km az=131.6.								
CSEM	Event type ke. Error ellipse: s-maj=4.0km s-min=2.8km az=14.0.								
MOS	Error ellipse: s-maj=10.8km s-min=7.1km az=111.3.								
ISC	III 30 23 46 46.6-33	42.27N-02	45.46E-02	17					
MOS	III 30 23 46 45.7-2.2	42.21N	45.46E	12					
CSEM	III 30 23 46 46.4-21	42.23N	45.46E	2					
TIF	III 30 23 46 46.1	42.22N	45.39E	17-3					
ISCJB	III 30 23 46 47.2-35	42.21N-02	45.49E-03	17					
ISC	Event type ke.								
CSEM	Event type ke.								
ISCJB	Event type ke.								
ISC	III 30 20 28 46.5-30	42.18N-03	45.57E-03	10					
TIF	III 30 20 28 44.6	42.29N	45.45E	14-2					
ISCJB	III 30 20 28 45.3-32	42.17N-03	45.61E-03	10					
MOS	III 30 20 28 46.4-1.3	42.21N	45.53E	21					
CSEM	III 30 20 28 48.3-08	42.12N	45.64E	40					
NNC	III 30 20 28 51.9-5.5	42.09N	46.18E	17-52					
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.6km s-min=2.5km az=131.7.								
MOS	Error ellipse: s-maj=8.6km s-min=7.9km az=62.7.								
CSEM	Event type ke. Error ellipse: s-maj=3.2km s-min=1.9km az=155.0.								
NNC	Error ellipse: s-maj=44.6km s-min=31.0km az=95.0.								
MOS	III 08 22 07 10.9-23	43.53N	45.02E	18					

MOS	Error ellipse: s-maj=58.2km s-min=13.7km az=139.1.								
MOS	III 09 03 25 32.4-3.1	43.18N	45.35E	20					
MOS	Error ellipse: s-maj=26.2km s-min=11.4km az=178.5.								
ISC	VI 08 13 29 04.1-57	42.35N-03	45.88E-03	10					
ISCJB	VI 08 13 29 03.8-51	42.38N-03	45.85E-03	10					
MOS	VI 08 13 29 03.8-1.6	42.33N	45.92E	11					
CSEM	VI 08 13 29 03.8	42.33N	45.92E	11					
TIF	VI 08 13 29 04.1	42.34N	45.85E	22-2					
ISCJB	Error ellipse: s-maj=4.6km s-min=3.1km az=3.2.								
MOS	Error ellipse: s-maj=14.0km s-min=9.1km az=45.0.								
CSEM	After OBN.								
ISC	VI 18 14 45 30.8-53	42.40N-04	45.72E-03	10					
TIF	VI 18 14 45 29.7	42.44N	45.72E	14-2					
ISCJB	VI 18 14 45 30.3-44	42.42N-03	45.71E-03	10					
MOS	VI 18 14 45 31.4-1.8	42.39N	45.75E	33					
CSEM	VI 18 14 45 31.4	42.39N	45.75E	33					
ISCJB	Error ellipse: s-maj=4.4km s-min=2.7km az=5.9.								
MOS	Error ellipse: s-maj=14.6km s-min=9.9km az=31.8.								
CSEM	After OBN.								

MOS	IV	09 03 07 37.0-2.2	42.78N	47.96E	10	3.5b		
IDC	IV	09 03 07 38.3-1.1	42.77N	48.02E	0	3.5,3.4b		
NEIC	IV	09 03 07 40.4-7.0	42.96N	48.05E	10	3.3b,3.4b		
NNC	IV	09 03 07 46.6-4.8	42.77N	48.71E	76-49	2.9b,3.4b		
ISC	Event type ke.							
CSEM	Error ellipse: s-maj=4.3km s-min=2.8km az=134.0.							
ISCJB	Event type ke. Error ellipse: s-maj=7.4km s-min=3.0km az=120.0.							
MOS	Error ellipse: s-maj=12.7km s-min=9.9km az=50.3.							
IDC	Error ellipse: s-maj=32.1km s-min=11.8km az=136.0.							
NEIC	Event type se. Error ellipse: s-maj=15.0km s-min=7.9km az=157.0.							
NNC	Error ellipse: s-maj=51.6km s-min=35.0km az=120.0.							
MOS	IV	01 01 32 58.3-2.6	42.05N	48.38E	19	3.7b		

MOS	Error ellipse: s-maj=15.8km s-min=12.8km az=123.6.							
MOS	IV	14 23 49 22.3-1.9	42.68N	48.04E	5	3.9b		
CSEM	IV	14 23 49 22.3	42.68N	48.04E	5	3.9b		
MOS	Error ellipse: s-maj=34.3km s-min=8.7km az=15.5.							
CSEM	After OBN.							
ISC	III	01 17 43 40.8-32	40.75N-03	51.72E-06	10	4.0b	103	4-42
IDC	III	01 17 43 40.4-1.6	40.78N	51.66E	0	4.3L,4.2		
ISCJB	III	01 17 43 41.7-33	40.73N-03	51.86E-07	33	4.0b,4.2		
NEIC	III	01 17 43 41.9-4.5	40.78N	51.79E	14-33	4.2L,2.4L		
CSEM	III	01 17 43 43.0-06	40.78N	51.68E	40	3.9b,3.8L		
CSEM	III	01 17 43 44.3-1.5	41.08N	51.67E	31	4.2b,3.8L		
NNC	III	01 17 43 52.0-2.7	41.31N	52.97E	0	3.8b,3.8L		
THR	III	01 17 43 57.3-33	39.44N	50.78E	16-4	4.3L,3.8L		
TEH	III	01 17 43 59.6	39.46N	51.86E	18	4.2L,3.8L		

ISC	Event type ke.							
IDC	Error ellipse: s-maj=30.2km s-min=11.6km az=148.0.							
ISCJB	Event type ke. Error ellipse: s-maj=7.3km s-min=4.3km az=28.5.							
NEIC	Event type se. Error ellipse: s-maj=7.8km s-min=7.1km az=78.0.							
CSEM	Event type ke. Error ellipse: s-maj=2.4km s-min=1.7km az=99.0.							
MOS	Error ellipse: s-maj=13.8km s-min=9.9km az=75.5.							
NNC	Error ellipse: s-maj=41.7km s-min=17.0km az=98.0.							
THR	Error ellipse: s-maj=3.2km s-min=3.6km az=1.0.							
IDC	III	01 05 34 16.8-5.6	39.68N	50.77E	0	3.5,3.4		

IDC	Error ellipse: s-maj=126.5km s-min=36.8km az=8.0.							
ISC	III	01 05 09 09.9-36	39.98N-04	50.90E-07	35	4.0s,3.7b	51	3-77
IDC	III	01 05 09 04.3-2.4	39.77N	50.81E	0	4.0s,4.0		
ISCJB	III	01 05 09 08.0-37	39.97N-04	50.92E-07	33	4.0s,3.7b		
THR	III	01 05 09 08.5-54	39.73N	50.56E	15-0	3.6L,3.7L		
MOS	III	01 05 09 07-85	40.20N	50.92E	33	4.1b,3.7b		
CSEM	III	01 05 09 04-06	39.92N	50.89E	50	3.8b,3.7b		
NEIC	III	01 05 09 12.7-1.3	40.18N	50.99E	45	3.5b,3.7b		
NNC	III	01 05 09 14.0-17	40.11N	52.58E	0	3.5b,3.7b		
ISC	Event type ke.							
IDC	Error ellipse: s-maj=46.3km s-min=21.6km az=178.0.							
ISCJB	Event type ke. Error ellipse: s-maj=7.6km s-min=4.7km az=36.4.							
THR	Error ellipse: s-maj=12.5km s-min=3.5km az=-1.0.							
MOS	Error ellipse: s-maj=20.1km s-min=11.4km az=68.2.							
CSEM	Event type ke. Error ellipse: s-maj=3.1km s-min=1.8km az=92.0.							
NEIC	Event type se. Error ellipse: s-maj=24.5km s-min=9.7km az=184.0.							
NNC	Error ellipse: s-maj=216.3km s-min=143.4km az=110.0.							
ISC	III	01 10 38 32.1-61	39.98N-06	50.9E-20	35	3.5b	19	4-77
IDC	III	01 10 38 27.2-3.0	39.92N	50.78E	0	3.7,3.6L		
ISCJB	III	01 10 38 30.3-63	39.93N-06	50.7E-20	33	3.5b,3.6L		
MOS	III	01 10 38 36.8-1.1	40.81N	50.68E	36	4.1b,3.6L		
CSEM	III	01 10 38 50.3	38.50N	50.81E	10	3.5L,3.6L		
IDC	Error ellipse: s-maj=54.6km s-min=26.7km az=173.0.							
ISCJB	Error ellipse: s-maj=19.1km s-min=8.5km az=168.1.							
MOS	Error ellipse: s-maj=39.0km s-min=20.2km az=79.3.							
CSEM	After TEH.							
ISC	VI	09 20 25 46.0-2.7	41.2N-10	51.7E-10	40-28	3.0b	20	10-26
CSEM	VI	09 20 25 35.4-63	40.45N	51.59E	10	3.4b		
IDC	VI	09 20 25 37.7-2.7	40.72N	51.69E	0	3.9L,3.5		
NEIC	VI	09 20 25 40.6-2.8	40.91N	51.65E	10	3.1b,3.5		
MOS	VI	09 20 25 45.4-1.4	41.35N	51.63E	33	3.4b,3.5		
ISCJB	VI	09 20 25 46.5-2.6	41.3N-10	51.7E-10	53-27	3.0b,3.5		

ISC	Event type ke.							
CSEM	Event type ke. Error ellipse: s-maj=5.9km s-min=3.6km az=17.0.							
ISCJB	Event type ke. Error ellipse: s-maj=7.5km s-min=3.4km az=161.0.							
IDC	Error ellipse: s-maj=28.3km s-min=11.7km az=152.0.							
MOS	Error ellipse: s-maj=11.5km s-min=5.2km az=123.3.							
NNC	Error ellipse: s-maj=57.4km s-min=41.7km az=123.0.							
ISC	V	23 19 37 05.7-79	39.84N-08	49.0E-10	35		16	3-10
ISCJB	V	23 19 37 03.7-83	39.85N-09	49.0E-10	33			
CSEM	V	23 19 37 04.8-14	39.75N	48.85E	45	3.5L		
TEH	V	23 19 37 07.2	39.67N	48.75E	32	3.5		
MOS	V	23 19 37 07.9-2.4	39.90N	48.50E	33	3.8b		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=18.5km s-min=6.3km az=104.0.							
CSEM	Event type ke. Error ellipse: s-maj=4.7km s-min=2.3km az=59.0.							
MOS	Error ellipse: s-maj=37.9km s-min=12.3km az=129.8.							

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NNC	IV	30 15 21 08.3-5.4	40.82N	63.32E	0	3.2b,2.9		
NNC	Error ellipse: s-maj=62.9km s-min=17.9km az=35.0.							
NNC	III	08 00 57 58.6-5.5	40.60N	63.61E	0	3.3b,3.2		
NNC	Error ellipse: s-maj=43.3km s-min=17.8km az=33.0.							
ISC	III	07 22 50 26.7-15	40.41N-02	63.63E-02	10	4.7b,4.1s	300	6-145
NNC	III	07 22 50 19.3-2.6	40.15N	63.48E	0	5.1,5.0b		
ISCJB	III	07 22 50 24.9-16	40.40N-02	63.65E-02	10	4.7b,4.1s		
IDC	III	07 22 50 25.2-52	40.33N	63.58E	0	4.7,4.7		
CSEM	III	07 22 50 27.7-05	40.37N	63.72E	30	4.8b,4.7		
MOS	III	07 22 50 28.8-1.3	40.54N	63.71E	33	5.1b,4.0s		
NEIC	III	07 22 50 29.2-21	40.36N	63.67E	25	4.9b,4.0s		
HRVD	III	07 22 50 29.2-60	40.38N	63.64E	19-1	4.8W,4.0s		
BJI	III	07 22 50 32.6	40.36N	64.45E	25	5.3L,5.1b		

ISC	Event type fe.							
NNC	Error ellipse: s-maj=22.6km s-min=15.1km az=6.0.							
ISCJB	Event type fe. Error ellipse: s-maj=3.5km s-min=2.7km az=19.3.							
IDC	Error ellipse: s-maj=11.1km s-min=10.4km az=101.0.							
CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=1.7km az=6.0.							
MOS	Event type fe. Error ellipse: s-maj=6.1km s-min=4.7km az=112.0. Felt (II) at Chardzhou. Moment Tensor Solution.							
NEIC	Event type fe. Error ellipse: s-maj=6.7km s-min=4.0km az=25.0. Felt (II) at Turkmenabat, Turkmenistan.							
HRVD	Error ellipse: s-maj=6.7km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14,c15; Mantle waves: s41,c61;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _r 1.40±16 M _{oe} -1.24±12; M _{oe} -0.16±09; M _{oe} 0.39±25; M _{oe} 0.75±08; M _{oe} 0.43±25; Best double couple: NP1 _{oe} :252.00000°; 836.00000°; 1.05.00000°. NP2 _{oe} :54.00000°; 856.00000°; 1.80.00000°. Principal axes: T 1.5270,Plg77.0000°,Az290.0000°; N 0.1880,Plg9.0000°,Az29.0000°; P -1.7170,Plg10.0000°,Az29.0000°; M ₁ :62200×10 ¹⁶							
ISC	III	26 04 58 57.2-5.8	40.6N-20	63.4E-20	19-42	3.4b	9	6-38
NNC	III	26 04 58 55.0-6.8	40.81N	63.23E	0	3.1b,2.8		

ISCJB	III	26 04 58 55.1-4.6	40.8N-20	63.4E-20	8-36	3.4b,2.8		
IDC	III	26 04 58 55.3-2.5	40.39N	62.96E	0	3.5b,3.5		
NNC	Error ellipse: s-maj=69.5km s-min=31.8km az=38.0.							
ISCJB	Error ellipse: s-maj=31.1km s-min=20.0km az=40.5.							
IDC	Error ellipse: s-maj=33.0km s-min=22.8km az=27.0.							
ISC	II	07 15 21 48.9-1.2	40.73N-08	63.39E-09	35	3.4b	36	6-77
IDC	II	07 15 21 40.6-3.2	40.26N	62.84E	0	3.7,3.6		
NNC	II	07 15 21 41.7-3.5	40.37N	63.09E	0	3.9,3.8b		
CSEM	II	07 15 21 42.1-1.9	40.07N	63.40E	40	3.8b,3.8b		
MOS	II	07 15 21 45.3-1.4	40.62N	63.24E	33	3.5b,3.8b		
NEIC	II	07 15 21 45.3-2.3	40.47N	63.28E	25	3.5b,3.8b		
ISCJB	II	07 15 21 47.5-1.2	40.85N-08	63.38E-10	33	3.4b,3.8b		

ISC	Event type ke.							
CSEM	Event type ke.							
NEIC	Event type se.							
ISCJB	Event type ke.							
NNC	I	11 05 15 31.1-4.6	43.10N	64.18E	0	3.4b,2.9		
CSEM	I	11 05 15 31.1	43.10N	64.18E	0	3.4b,2.9		
NNC	Error ellipse: s-maj=50.2km s-min=20.9km az=37.0.							
CSEM	After NNC.							
ISC	I	31 15 02 42.7-1.6	40.94N-09	63.5E-10	44-17	3.8b	24	6-77
NNC	I	31 15 02 31.0-3.8	40.57N	63.03E	0	3.5b,3.1		
CSEM	I	31 15 02 31.0	40.57N	63.03E	0	3.5b,3.1		
IDC	I	31 15 02 36.2-2.2	40.62N	62.90E	0	3.9,3.8b		
NEIC	I	31 15 02 38.8-2.2	40.62N	63.40E	25	3.9,3.8b		
ISCJB	I	31 15 02 40.8-2.6	41.03N-10	63.4E-10	33-26	3.8b,3.8b		
ISC	Event type se.							
CSEM	After NNC.							
NEIC	Event type se.							
ISCJB	Event type se.							
NNC	I	04 01 29 58.0-1.2	40.36N	64.22E	0	3.3b,3.2		
NNC	Error ellipse: s-maj=12.0km s-min=6.2km az=14.0.							

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ISC	III	17 04 18 55.2-2.1	39.05N-04	56.57E-04	7-14	4.1b,3.3s	94	9-93
IDC	III	17 04 18 51.5-1.1	38.56N	56.49E	0	4.1,3.9b		
ISCJB	III	17 04 18 53.6-4.1	39.08N-05	56.55E-04	10	4.1b,3.3s		
NEIC	III	17 04 18 53.8-7.7	38.79N	56.59E	10	3.7b,3.3s		
CSEM	III	17 04 18 54.1-1.1	39.16N	56.42E	10	4.4b,3.3s		
MOS	III	17 04 18 55.8-1.9	38.90N	56.54E	33	4.4b,3.3s		
NNC	III	17 04 19 05.6-4.2	39.67N	57.29E	0	4.1b,3.3s		
ISC	Event type ke.							
IDC	Error ellipse: s-maj=20.6km s-min=12.8km az=143.0.							
ISCJB	Event type ke. Error ellipse: s-maj=6.2km s-min=5.0km az=7.3.							
NEIC	Event type se. Error ellipse: s-maj=15.8km s-min=6.8km az=164.0.							
CSEM	Event type ke. Error ellipse: s-maj=3.9km s-min=1.8km az=158.0.							
MOS	Error ellipse: s-maj=9.5km s-min=7.3km az=65.9.							
NNC	Error ellipse: s-maj=48.3km s-min=28.2km az=64.0.							
CSEM	III	10 15 04 23.6-16	40.51N	56.72E	0	3.6b		
CSEM	III	10 15 04 23.6	40.51N	56.72E	0	3.6b		
NNC	Error ellipse: s-maj=139.4km s-min=90.2km az=46.0.							
CSEM	After NNC.							
ISC	III	22 03 47 33.9-30	40.30N-03	53.10E-05	10	3.7b	80	4-74
TEH	III	22 03 47 31.3	40.11N	53.12E	18	4.1L		
ISCJB	III	22 03 47 32.0-30	40.29N-03	53.11E-05	10	3.7b		
NEIC	III	22 03 47 34.5-3.6	40.29N	53.12E	14-26	4.1,3.9b		
CSEM	III	22 03 47 35.2-07	40.25N	53.08E	35	4.1L,3.9b		
IDC	III	22 03 47 36.7-3.3	40.19N	53.05E	34-28	3.8,3.7		
MOS	III	22 03 47 37.0-81	40.58N	53.01E	33	4.2b,3.7		
NNC	III	22 03 47 44.4-4.7	40.73N	53.73E	32-44	3.8b,3.7		
THR	III	22 03 47 50.2-54	39.05N	51.77E	15-0	3.7L,3.7		

ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=6.4km s-min=4.1km az=53.5.							
NEIC	Event type se. Error ellipse: s-maj=6.2km s-min=5.0km az=150.0.							
CSEM	Event type ke. Error ellipse: s-maj=2.5km s-min=2.1km az=123.0.							
IDC	Error ellipse: s-maj=26.8km s-min=12.0km az=152.0.							
MOS	Error ellipse: s-maj=16.7km s-min=10.9km az=67.5.							
NNC								

NNC	III	15 09 49 38.5-3.0	39.50N	57.58E	0	3.9b,3.9b			
ISC		Event type ke.							
IDC		Error ellipse: s-maj=26.5km s-min=18.4km az=133.0.							
NEIC		Event type se. Error ellipse: s-maj=18.5km s-min=10.5km az=157.0.							
ISCJB		Event type ke. Error ellipse: s-maj=13.3km s-min=9.0km az=84.8.							
CSEM		Event type ke. Error ellipse: s-maj=7.0km s-min=2.8km az=171.0.							
MOS		Error ellipse: s-maj=16.7km s-min=11.3km az=71.9.							
NNC		Error ellipse: s-maj=32.1km s-min=16.1km az=59.0.							
ISC	VI	09 04 12 42.4-80	37.41N-07	54.93E-07	10		12	1-13	
CSEM	VI	09 04 12 38.9-09	36.77N	55.39E	10	3.5L			
THR	VI	09 04 12 39.4-44	36.76N	55.38E	15-0	3.5L			¶18657022
ISCJB	VI	09 04 12 41.0-77	37.52N-06	54.89E-06	10	3.5L			
ISC		Event type ke.							
CSEM		Event type ke.							
ISCJB		Event type ke.							
ISC	VI	16 15 12 56.8-95	37.33N-04	54.07E-04	1-6		36	1-7	
ISCJB	VI	16 15 12 56.3-58	37.35N-04	54.10E-05	10	4.3L			¶19436509
THR	VI	16 15 12 56.1-91	37.46N	54.05E	14-9	4.3L			
CSEM	VI	16 15 12 56.5-10	37.34N	54.11E	16	3.8L			
TEH	VI	16 15 12 57.6	37.34N	54.09E	3	3.8			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=6.4km s-min=4.9km az=116.2.							
THR		Error ellipse: s-maj=10.4km s-min=6.9km az=1.0.							
CSEM		Event type ke. Error ellipse: s-maj=2.8km s-min=1.5km az=154.0.							
ISC	IV	24 19 11 22.3-90	37.06N-07	54.42E-08	19-7		25	1-5	
CSEM	IV	24 19 11 21.2-10	37.20N	54.25E	30	3.5L			¶19435412
THR	IV	24 19 11 21.1-29	36.89N	54.44E	14-3	3.5L			
TEH	IV	24 19 11 23.4	37.17N	54.09E	12	3.5			
ISCJB	IV	24 19 11 24.2-68	36.97N-07	54.35E-07	33	3.5			
ISC		Event type ke.							
CSEM		Event type ke.							
ISCJB		Event type ke.							
TEH	I	23 14 26 15.0	37.25N	58.41E	5	3.9			¶19485180

(343) Turkey-Iran border region.

ISC	III	31 02 54 29.3-51	38.98N-04	44.47E-04	10		31	0-6	
CSEM	III	31 02 54 26.5-08	38.93N	44.48E	2	3.6			¶110614101
ISK	III	31 02 54 26.4	38.95N	44.47E	5	3.6			
ISCJB	III	31 02 54 28.8-52	39.00N-04	44.45E-04	10	3.6			
NSSP	III	31 02 54 29.6	38.92N	44.35E	10	3.3L			
ISC		Event type ke.							
CSEM		Event type ke. Error ellipse: s-maj=2.3km s-min=1.6km az=147.0.							
ISCJB		Event type ke. Error ellipse: s-maj=5.5km s-min=4.2km az=125.3.							
ISC	III	12 06 16 08.4-1.7	37.43N-06	44.22E-09	18-7		17	0-3	
ISK	III	12 06 16 07.4	37.53N	44.26E	5	3.6			¶110602334
CSEM	III	12 06 16 07.3-44	37.56N	44.22E	2	3.6			
ISCJB	III	12 06 16 08.0-1.6	37.54N-05	44.25E-09	3-9	3.6			
ISC		Event type ke.							
CSEM		Event type ke.							
ISCJB		Event type ke.							
ISC	III	27 16 02 48.1-80	38.67N-04	44.74E-04	4-8		26	1-3	
ISK	III	27 16 02 46.5	38.74N	44.73E	5	3.4			¶110611779
TEH	III	27 16 02 46.7	38.62N	44.61E	2	3.6			
ISCJB	III	27 16 02 47.3-76	38.72N-04	44.74E-04	4-7	3.6			
CSEM	III	27 16 02 47.2-22	38.72N	44.76E	12	3.4			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=7.0km s-min=4.9km az=36.3.							
CSEM		Event type ke. Error ellipse: s-maj=7.3km s-min=4.1km az=1.0.							
ISC	VI	22 16 06 09.8-28	38.73N-02	44.38E-02	10	3.7b,2.8s	100	1-45	
NSSP	VI	22 16 06 07.0	42.72N	44.33E	10	3.3L,2.8s			¶18566698
TIF	VI	22 16 06 07.4	38.55N	44.48E	11-9	3.3L,2.8s			
ISK	VI	22 16 06 07.3	38.69N	44.33E	12	3.9,2.8s			
ISCJB	VI	22 16 06 08.8-30	38.75N-02	44.30E-03	10	3.7b,2.8s			
CSEM	VI	22 16 06 08.1-11	38.72N	44.24E	10	3.9,2.8s			
MOS	VI	22 16 06 09.3-1.7	38.68N	44.33E	10	4.0b,2.8s			
IDC	VI	22 16 06 10.7-1.5	38.89N	44.17E	0	3.8,3.7			
NEIC	VI	22 16 06 11.2-2.2	38.83N	44.32E	7-13	3.8b,3.7			
THR	VI	22 16 06 11.9-77	38.83N	44.45E	15-8	3.3L,3.7			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=3.4km s-min=2.5km az=94.5.							
CSEM		Event type ke. Error ellipse: s-maj=3.0km s-min=1.7km az=153.0.							
MOS		Error ellipse: s-maj=9.8km s-min=7.3km az=88.3.							
IDC		Error ellipse: s-maj=30.8km s-min=15.2km az=142.0.							
NEIC		Event type se. Error ellipse: s-maj=15.7km s-min=8.0km az=153.0.							
THR		Error ellipse: s-maj=3.3km s-min=6.5km az=1.0.							
ISC	II	03 05 36 08.8-1.7	37.78N-07	44.6E-10	10		17	1-5	
ISK	II	03 05 36 04.5	37.65N	44.83E	14	3.6			¶18188624
CSEM	II	03 05 36 05.9-74	37.69N	44.70E	20	3.6			
ISCJB	II	03 05 36 06.6-1.7	37.74N-07	44.7E-10	10	3.6			
ISC		Event type ke.							
CSEM		Event type ke.							
ISCJB		Event type ke.							
ISC	V	13 08 07 43.5-37	37.16N-03	44.97E-04	10		42	1-9	
ISCJB	V	13 08 07 42.6-40	37.14N-03	44.97E-04	10				¶19435813
CSEM	V	13 08 07 42.5-09	37.24N	45.10E	14	3.7L			
KISR	V	13 08 07 43.9-56	36.55N	44.13E	34-0	3.9L			
TEH	V	13 08 07 43.8	37.28N	45.10E	10	3.7			
THR	V	13 08 07 45.6-38	37.11N	45.28E	18-0	3.1L			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=5.7km s-min=3.6km az=87.6.							
CSEM		Event type ke. Error ellipse: s-maj=2.4km s-min=2.0km az=63.0.							
KISR		Error ellipse: s-maj=17.1km s-min=50.0km az=1.0.							
THR		Error ellipse: s-maj=1.3km s-min=4.5km az=1.0.							
ISC	V	21 02 55 54.8-1.4	37.67N-04	44.27E-08	2-6		27	1-6	
ISCJB	V	21 02 55 53.6-1.3	37.66N-04	44.28E-08	1-6				¶18530715
CSEM	V	21 02 55 57.0-32	37.69N	43.96E	15	4.0			
ISK	V	21 02 55 57.0	37.59N	44.09E	32	4.0			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=11.1km s-min=6.8km az=19.9.							
CSEM		Event type ke. Error ellipse: s-maj=7.3km s-min=2.0km az=93.0.							

(344) Iran-Armenia-Azerbaijan border region.

TEH	IV	13 08 25 55.3	38.79N	48.83E	18	3.6			
CSEM	IV	13 08 25 45.0	38.79N	48.83E	18	3.6L			¶19435188
ISC	VI	11 21 33 51.4-79	38.39N-06	46.01E-07	10		20	1-3	
TIF	VI	11 21 33 48.6	38.72N	46.24E	15-1				¶19599964
ISCJB	VI	11 21 33 50.0-85	38.34N-05	45.98E-06	10				
THR	VI	11 21 33 49.2-38	39.65N	46.21E	34-4	3.0L			
CSEM	VI	11 21 33 49.2	39.65N	46.21E	34	3.0L			
ISCJB		Error ellipse: s-maj=8.6km s-min=6.0km az=70.3.							
THR		Error ellipse: s-maj=8.0km s-min=2.1km az=1.0.							
CSEM		After THR.							
ISC	V	25 08 04 00.7-84	39.60N-02	48.09E-03	5-6	3.4b	83	1-26	
CSEM	V	25 08 03 59.6-08	39.65N	48.11E	10	3.9L			¶18618484
ISCJB	V	25 08 03 59.5-84	39.61N-02	48.18E-03	7-6	3.4b			
IDC	V	25 08 04 00.8-3.2	39.64N	48.03E	0	3.8,3.7b			
NSSP	V	25 08 04 00.9	39.75N	47.95E	11	3.3L,3.7b			
TEH	V	25 08 04 01.8	39.60N	48.06E	2	3.9,3.7b			
NEIC	V	25 08 04 02.6	39.54N	48.08E	30	3.9,3.7L			
THR	V	25 08 04 04.7-1.2	38.32N	47.45E	15-0	3.5L,3.7L			
MOS	V	25 08 04 06.0-2.7	39.60N	47.63E	61	3.8b,3.7L			
NNC	V	25 08 04 12.4-5.1	40.03N	49.58E	0	3.4b,3.7L			
ISC		Event type ke.							
CSEM		Event type ke. Error ellipse: s-maj=2.3km s-min=1.4km az=178.0.							
ISCJB		Event type ke. Error ellipse: s-maj=4.7km s-min=3.0km az=70.6.							
IDC		Error ellipse: s-maj=60.6km s-min=26.4km az=170.0.							
NEIC		Event type se. After CSEM.							
THR		Error ellipse: s-maj=4.3km s-min=4.5km az=1.0.							
MOS		Error ellipse: s-maj=28.2km s-min=17.2km az=24.7.							

NNC		Error ellipse: s-maj=94.4km s-min=38.1km az=101.0.							
ISC	V	26 14 59 29.7-44	38.49N-02	45.08E-02	2-3	3.9b,3.1s	125	0-46	
TEH	V	26 14 59 28.4	38.43N	44.90E	0	4.2,3.1s			¶18358513
IDC	V	26 14 59 28.8-1.1	38.41N	44.84E	0	3.8,3.7			
NEIC	V	26 14 59 28.4	38.43N	44.90E	0	4.2,4.1b			
THR	V	26 14 59 31.5-32	38.57N	45.18E	14-10	4.0L,4.1b			
ISCJB	V	26 14 59 31.6-66	38.32N-03	45.12E-03	20-6	3.9b,3.1s			
MOS	V	26 14 59 31.6-2.6	38.37N	44.98E	26	4.2b,3.1s			
ISK	V	26 14 59 34.7	38.31N	44.94E	29	3.8,3.1s			
CSEM	V	26 14 59 37.3	38.23N	45.32E	40	4.5b,3.1s			
NSSP	V	26 14 59 39.2	38.30N	45.28E	10	3.7L,3.1s			
ISC		Event type se.							
IDC		Error ellipse: s-maj=17.5km s-min=11.2km az=104.0.							
NEIC		Event type se. After TEH.							
THR		Error ellipse: s-maj=5.8km s-min=2.9km az=1.0.							
ISCJB		Event type se. Error ellipse: s-maj=6.0km s-min=4.1km az=29.3.							
MOS		Error ellipse: s-maj=10.9km s-min=7.9km az=85.4.							
ISC	V	09 00 44 24.1-21	39.33N-02	44.25E-02	10	3.8b,3.1s	222	0-77	
NSSP	V	09 00 44 16.2	39.32N	44.23E	15	3.8L,3.1s			¶18530453
ISK	V	09 00 44 21.4	39.33N	44.30E	9	4.3L,4.1			
ISCJB	V	09 00 44 22.9-21	39.31N-02	44.24E-02	10	3.8b,3.1s			
IDC	V	09 00 44 22.2-1.4	39.36N	44.16E	0	3.6,3.5b			
CSEM	V	09 00 44 22.5-06	39.36N	44.21E	15	4.0L,3.5b			
TEH	V	09 00 44 24.0	39.38N	44.29E	0	4.0,3.5b			
THR	V	09 00 44 24.5-54	39.43N	44.36E	15-5	4.0L,3.5b			
MOS	V	09 00 44 25.9-1.3	39.58N	43.99E	15	4.4b,3.5b			
NEIC	V	09 00 44 25.0	39.40N	44.40E	14	4.1b,4.0			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=2.9km s-min=2.3km az=84.8.							
IDC		Error ellipse: s-maj=26.3km s-min=10.0km az=138.0.							
CSEM		Event type ke. Error ellipse: s-maj=1.7km s-min=1.1km az=30.0.							
THR		Error ellipse: s-maj=4.0km s-min=6.1km az=1.0.							
MOS		Error ellipse: s-maj=10.6km s-min=6.5km az=72.3.							
NEIC		Event type se. After THR.							
ISC	I	06 06 59 02.1-73	39.41N-03	44.61E-08	10		33	1-4	
CSEM	I	06 06 58 58.7-29	39.49N	44.78E	10	3.7			¶18184976
ISK	I	06 06 58 59.9	39.52N	44.95E	34	3.7			
ISCJB	I	06 06 59 01.5-71	39.43N-03	44.57E-08	10	3.7			
ISC		Event type ke.							
CSEM		Event type ke.							
ISCJB		Event type ke.							
ISC	I	18 08 50 42.7-99	39.51N-03	44.15E-05	4-7		39	0-4	
NSSP	I	18 08 50 28.4	39.63N	44.00E	9	3.4L			¶18185323
CSEM	I	18 08 50 34.4-20	39.72N	44.76E	5	3.4L			
ISK	I	18 08 50 35.8	3						

ISC	V	13 03 20 18.5-1.0	33.58N-05	48.72E-07	12-12		25	1-4	CSEM	Event type ke. Error ellipse: s-maj=1.8km s-min=1.5km az=123.0.									
ISCJB	V	13 03 20 18-1.55	33.54N-04	48.81E-04	10				THR	Error ellipse: s-maj=5.1km s-min=6.1km az=-1.0.									
THR	V	13 03 20 18-28	33.68N	48.82E	18-0	3.4L			NEIC	Event type se. After THR.									
TEH	V	13 03 20 18.3	33.36N	48.65E	20	3.7			MOS	Error ellipse: s-maj=14.8km s-min=9.1km az=91.6.									
CSEM	V	13 03 20 19.6-24	33.57N	48.70E	40	3.4L			IDC	Error ellipse: s-maj=43.4km s-min=21.1km az=154.0.									
ISC									ISC	IV	01 16 21 16.1-3.9	33.53N-07	49.98E-08	21-44		17	1-4		
ISCJB	V	Event type ke. Error ellipse: s-maj=5.9km s-min=4.7km az=60.2.							THR	IV	01 16 21 12.8-49	33.71N	48.99E	14-6	3.1L				
THR	V	Error ellipse: s-maj=0.8km s-min=1.5km az=-1.0.							CSEM	IV	01 16 21 13.8-18	33.55N	49.08E	10	3.5L				
CSEM	V	Event type ke. Error ellipse: s-maj=6.0km s-min=5.1km az=17.0.							ISCJB	IV	01 16 21 14.8-3.7	33.58N-07	49.01E-08	16-44	3.5L				
ISC	V	23 03 53 46.4-55	32.70N-05	49.0E-10	14		21	1-6	ISC	Event type ke.									
THR	V	23 03 53 44.6-40	32.73N	49.00E	14-3	3.4L			CSEM	Event type ke.									
KISR	V	23 03 53 44.4-46	32.67N	49.12E	33-0	3.2L			ISCJB	Event type ke.									
ISCJB	V	23 03 53 45.0-56	32.70N-05	49.0E-10	14	3.2L			ISC	IV	02 06 49 32.9-60	33.86N-05	48.56E-04	10		25	1-6		
CSEM	V	23 03 53 45.1-07	32.71N	49.00E	20	3.4L			THR	IV	02 06 49 30.6-60	33.89N	48.67E	14-8	3.1L				
ISC									CSEM	IV	02 06 49 31.2-15	33.84N	48.51E	16	3.5L				
THR	V	Error ellipse: s-maj=1.5km s-min=3.0km az=-1.0.							ISCJB	IV	02 06 49 32.1-59	33.88N-05	48.60E-04	10	3.5L				
KISR	V	Error ellipse: s-maj=6.0km s-min=15.2km az=-1.0.							TEH	IV	02 06 49 33.0	33.87N	48.55E	7	3.5				
ISCJB	V	Event type ke. Error ellipse: s-maj=14.3km s-min=4.8km az=37.9.							ISC	Event type ke.									
CSEM	V	Event type ke. Error ellipse: s-maj=3.9km s-min=1.4km az=109.0.							THR	Error ellipse: s-maj=2.6km s-min=2.9km az=-1.0.									
ISC	V	16 02 02 03.5-1.1	33.74N-06	48.81E-08	4-11		21	1-5	CSEM	Event type ke. Error ellipse: s-maj=3.5km s-min=2.6km az=40.0.									
ISCJB	V	16 02 02 02.4-1.0	33.72N-06	48.79E-08	7-10				ISCJB	Event type ke. Error ellipse: s-maj=6.9km s-min=4.8km az=34.3.									
THR	V	16 02 02 04.6-33	33.77N	48.87E	14-3	3.0L			ISC	IV	03 18 45 25.7-1.9	33.73N-04	48.86E-06	13-13		28	1-5		
CSEM	V	16 02 02 05.3-30	33.75N	48.85E	30	3.8L			KISR	IV	03 18 45 22.4-1.1	33.51N	49.75E	33-0	2.9L				
KISR	V	16 02 02 08.2-1.1	33.46N	48.75E	33-0	2.2L			THR	IV	03 18 45 23.3-43	33.81N	48.91E	14-6	3.4L				
ISC									CSEM	IV	03 18 45 24.1-06	33.74N	48.81E	20	3.7L				
ISCJB	V	Event type ke. Error ellipse: s-maj=13.7km s-min=7.8km az=76.6.							TEH	IV	03 18 45 25.5	33.70N	48.85E	9	3.7				
THR	V	Error ellipse: s-maj=1.2km s-min=1.7km az=-1.0.							ISCJB	IV	03 18 45 26.1-2.1	33.71N-04	48.86E-06	29-20	3.7				
CSEM	V	Event type ke. Error ellipse: s-maj=11.2km s-min=5.9km az=115.0.							ISC	Event type ke.									
KISR	V	Error ellipse: s-maj=18.4km s-min=65.6km az=-1.0.							CSEM	Event type ke.									
ISC	I	15 23 17 10.9-97	33.10N-03	48.50E-07	1-8		24	1-4	ISCJB	Event type ke.									
ISCJB	I	15 23 17 09.9-97	33.10N-03	48.40E-08	6-8				ISC	IV	04 05 56 48.3-36	33.70N-03	48.88E-03	10		39	1-5		
THR	I	15 23 17 11.8-32	33.12N	48.57E	17-2	3.2L			THR	IV	04 05 56 46.2-41	33.81N	48.88E	14-5	3.7L				
CSEM	I	15 23 17 12.2-08	33.08N	48.55E	25	3.9L			ISCJB	IV	04 05 56 47.0-36	33.68N-03	48.88E-03	10	3.7L				
KISR	I	15 23 17 12.0-73	33.06N	48.05E	33-0	3.0L			CSEM	IV	04 05 56 47.2-08	33.69N	48.87E	15	3.7L				
ISC									KISR	IV	04 05 56 48.2-1.3	33.59N	49.00E	33-0	3.1L				
ISCJB	V	Event type ke. Error ellipse: s-maj=11.4km s-min=5.2km az=177.6.							TEH	IV	04 05 56 49.6	33.62N	48.84E	20	3.8				
THR	V	Error ellipse: s-maj=0.7km s-min=1.5km az=-1.0.							ISC	Event type ke.									
CSEM	V	Event type ke. Error ellipse: s-maj=3.2km s-min=1.5km az=102.0.							ISCJB	Event type ke.									
KISR	V	Error ellipse: s-maj=6.9km s-min=69.0km az=-1.0.							ISC	Event type ke.									
ISC	I	03 16 53 51.9-53	31.81N-04	49.29E-06	14	3.7b	18	1-37	THR	Error ellipse: s-maj=1.8km s-min=2.2km az=-1.0.									
ISCJB	I	03 16 53 27.7-29	29.48N	50.41E	0	3.8b,3.7			ISCJB	Event type ke. Error ellipse: s-maj=4.3km s-min=3.2km az=110.7.									
IDC	I	03 16 53 50.0-54	31.73N-04	49.44E-06	14	3.7b,3.7			CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=1.6km az=135.0.									
THR	I	03 16 53 55.5-67	32.03N	49.22E	14-6	3.4L,3.7			KISR	Error ellipse: s-maj=15.5km s-min=44.2km az=-1.0.									
KISR	I	03 16 53 56.1-60	32.19N	49.31E	33-0	3.4L,3.7			ISC	IV	05 06 10 47.0-2.0	33.79N-07	48.50E-06	7-13		19	1-4		
CSEM	I	03 16 53 56.1-14	32.18N	49.21E	5	4.0L,3.7			CSEM	IV	05 06 10 44.0-59	33.82N	48.50E	0-4	3.5L				
TEH	I	03 16 53 58.5	32.18N	49.16E	20	3.5,3.7			THR	IV	05 06 10 44.5-68	33.93N	48.53E	14-9	3.0L				
ISC									TEH	IV	05 06 10 44.2	33.30N	48.49E	15	3.5				
IDC	V	Error ellipse: s-maj=567.3km s-min=121.4km az=3.0.							ISCJB	IV	05 06 10 46.7-1.7	33.84N-06	48.55E-05	10-11	3.5				
ISCJB	V	Event type ke. Error ellipse: s-maj=8.5km s-min=3.6km az=65.2.							ISC	Event type ke.									
THR	V	Error ellipse: s-maj=3.7km s-min=2.8km az=-1.0.							CSEM	Event type ke.									
KISR	V	Error ellipse: s-maj=9.8km s-min=22.8km az=-1.0.							ISCJB	Event type ke.									
CSEM	V	Event type ke. Error ellipse: s-maj=21.3km s-min=1.6km az=111.0.							ISC	IV	08 00 29 27.7-1.4	33.73N-03	48.88E-05	10-9		33	1-5		
ISC	I	10 03 54 04.4-33	32.35N-03	49.29E-04	10	3.5b	45	0-85	ISCJB	IV	08 00 29 26.4-40	33.70N-03	48.89E-04	10					
ISCJB	I	10 03 54 03.1-33	32.34N-03	49.31E-04	10	3.5b			THR	IV	08 00 29 26.0-58	33.84N	48.89E	14-5	3.3L				
CSEM	I	10 03 54 03.5-06	32.38N	49.31E	16	3.7L			CSEM	IV	08 00 29 27.3-19	33.78N	48.88E	25	3.3L				
KISR	I	10 03 54 03.3-62	32.39N	49.36E	42-999	3.9L			KISR	IV	08 00 29 28.5-1.1	33.43N	49.48E	33-0	2.7L				
THR	I	10 03 54 03.1-94	32.37N	49.30E	14-7	3.3L			ISC	Event type ke.									
TEH	I	10 03 54 04.2	32.34N	49.24E	5	3.7			ISCJB	Event type ke. Error ellipse: s-maj=5.7km s-min=3.5km az=65.8.									
IDC	I	10 03 54 11.0-8.6	32.50N	49.22E	85-73	3.6,3.5			THR	Error ellipse: s-maj=2.0km s-min=2.1km az=-1.0.									
OMAN	I	10 03 54 45.0	26.99N	49.03E	30-0	3.6,3.5			CSEM	Event type ke. Error ellipse: s-maj=5.5km s-min=4.0km az=134.0.									
ISC									KISR	Error ellipse: s-maj=17.6km s-min=40.9km az=-1.0.									
ISCJB	V	Event type ke. Error ellipse: s-maj=5.7km s-min=3.2km az=69.5.							ISC	IV	12 11 47 41.0-20	33.73N-02	48.79E-03	12	4.5b,3.7s	218	1-99		
CSEM	V	Event type ke. Error ellipse: s-maj=2.4km s-min=1.1km az=123.0.							TEH	IV	12 11 47 26.1	33.70N	48.62E	18	4.7L,3.7s				
KISR	V	Error ellipse: s-maj=868.8km s-min=557.0km az=-1.0.							CSEM	IV	12 11 47 38.7-05	33.79N	48.83E	12	4.6b,3.7s				
THR	V	Error ellipse: s-maj=3.6km s-min=3.7km az=-1.0.							BJI	IV	12 11 47 38.2	33.82N	47.98E	42	4.9b,4.8b				
IDC	V	Error ellipse: s-maj=50.5km s-min=27.9km az=154.0.							ISCJB	IV	12 11 47 39.2-20	33.72N-02	48.79E-03	12	4.5b,3.7s				
OMAN	V	Error ellipse: s-maj=10000.0km s-min=403.7km az=292.0.							NEIC	IV	12 11 47 40.6-38	33.72N	48.79E	12	4.7,4.6L				
ISC	I	12 21 22 48.4-33	32.70N-03	49.27E-03	40-3	4.4b,3.9s	240	1-89	THR	IV	12 11 47 40.2-76	33.80N	48.90E	14-11	4.6L,4.6L				
NEIC	I	12 21 22 45.9	32.85N	49.33E	15	4.6b,4.3L			MOS	IV	12 11 47 40.9-19	33.58N	48.74E	33	4.8b,4.6L				
BJI	I	12 21 22 45.9	32.																

ISCJB	V	08 05 05 46.1-1.1	30.83N-06	57.02E-10	10	3.0L			
TEH	V	08 05 05 46.3	30.76N	57.01E	7	3.5			
ISC		Event type ke.							
THR		Error ellipse: s-maj=2.8km s-min=4.2km az=-1.0.							
CSEM		Event type ke. Error ellipse: s-maj=3.3km s-min=3.3km az=12.0.							
ISCJB	V	11 18 29 50.7-1.6	31.58N-04	59.92E-05	3-12	3.7b	63	2-90	
ISC	V	11 18 29 51.3-0.9	31.62N	59.87E	16	4.0L			
CSEM	V	11 18 29 52.1	31.60N	59.89E	0	4.0L,4.0			
NEIC	V	11 18 29 52.1-81	31.45N	59.94E	14-8	3.7L,4.0			
THR	V	11 18 29 52.1	31.60N	59.89E	0	4.0,4.0			
TEH	V	11 18 29 53.3-2.1	31.65N-05	59.81E-06	31-17	3.7b,4.0			
ISCJB	V	11 18 29 55.0-4.8	31.53N	59.81E	36-41	3.7,3.7			
IDC	V								
ISC		Event type ke.							
CSEM		Event type ke. Error ellipse: s-maj=2.4km s-min=2.0km az=93.0.							
NEIC		Event type se. After TEH.							
THR		Error ellipse: s-maj=6.8km s-min=4.7km az=-1.0.							
ISCJB	V	20 07 19 45.3-1.8	32.46N-04	59.48E-05	15-14	3.6b	60	3-81	
IDC	V	20 07 19 41.6-2.4	32.26N	59.45E	0	3.7,3.6b			
CSEM	V	20 07 19 43.5-0.8	32.52N	59.52E	16	4.0L,3.6b			
TEH	V	20 07 19 43.3	32.43N	59.55E	0	4.0,3.6b			
THR	V	20 07 19 44.9-5.8	32.45N	59.46E	18-11	3.8L,3.6b			
NEIC	V	20 07 19 44.7	32.44N	59.46E	15	3.8L,3.7b			
ISCJB	V	20 07 19 46.1-1.7	32.52N-04	59.37E-05	32-16	3.6b,3.7b			
IDC	V								
ISC		Event type ke.							
CSEM		Event type ke.							
NEIC		Event type se. After THR.							
ISCJB	V	06 20 07 01.6-2.1	31.59N-05	50.36E-06	27-18	3.6b	42	1-85	
KISR	I	06 20 06 58.3-7.6	31.50N	50.45E	34-0	3.3L			
IDC	I	06 20 06 58.7-2.2	31.73N	49.88E	0	3.6,3.5b			
CSEM	I	06 20 06 59.7-0.9	31.61N	50.40E	30	4.5L,3.9b			
THR	I	06 20 07 00.0-7.8	31.62N	50.41E	33-6	3.4L,3.9b			
ISCJB	I	06 20 07 01.5-7.4	31.58N-05	50.32E-07	46-10	3.6b,3.9b			
NEIC	I	06 20 07 01.7	31.61N	50.52E	10	3.6b,3.4			
MOS	I	06 20 07 06.7-1.6	32.41N	50.15E	33	4.0b,3.4			
ISC		Event type ke.							
KISR		Error ellipse: s-maj=12.0km s-min=11.2km az=-1.0.							
IDC		Error ellipse: s-maj=50.2km s-min=32.0km az=151.0.							
CSEM		Event type ke. Error ellipse: s-maj=2.7km s-min=1.9km az=142.0.							
THR		Error ellipse: s-maj=4.9km s-min=2.3km az=-1.0.							
ISCJB	V	16 17 01 24.5-3.2	30.40N-08	50.65E-09	12-26	3.1L	14	2-4	
IDC	V	16 17 01 22.7-2.0	30.40N	50.68E	10	3.1L			
CSEM	V	16 17 01 22.2-3.2	30.37N	50.58E	15-0	3.4L			
THR	V	16 17 01 24.2-3.5	30.40N-08	50.65E-09	19-40	3.4L			
ISCJB	V	16 17 01 24.4-7.7	30.14N	50.37E	2-124	3.4,3.1L			
KISR	I	16 17 01 25.4	30.43N	50.65E	14	3.5,3.1L			
TEH	I								
ISC		Event type ke.							
CSEM		Event type ke. Error ellipse: s-maj=7.4km s-min=4.0km az=146.0.							
THR		Error ellipse: s-maj=2.5km s-min=1.6km az=-1.0.							
ISCJB	V	29 22 10 20.2-6.2	30.07N-05	50.75E-05	48-7	3.7b	57	3-87	
IDC	V	29 22 10 15.6	30.00N	50.65E	18	3.8,3.8L			
CSEM	V	29 22 10 15.6-4.7	30.00N	50.65E	18-7	3.8L,3.8L			
THR	V	29 22 10 17.6-1.0	29.91N	50.71E	33-0	3.7L,3.4			
ISCJB	V	29 22 10 18.8-6.4	30.06N-05	50.75E-04	52-7	3.7b,3.4			
CSEM	V	29 22 10 18.5-0.6	30.05N	50.76E	40	4.4L,3.4			
TEH	V	29 22 10 19.3	30.10N	50.59E	20	3.8,3.4			
IDC	V	29 22 10 21.0-3.3	30.17N	50.44E	47-29	3.7,3.6			
ISC		Event type ke.							
NEIC		Event type se. After THR.							
THR		Error ellipse: s-maj=3.8km s-min=5.3km az=-1.0.							
KISR		Error ellipse: s-maj=14.8km s-min=9.3km az=-1.0.							
ISCJB	V	14 23 52 40.4-3.4	35.56N	57.84E	15-0	3.5L			
CSEM	I	14 23 52 40.4	35.56N	57.84E	15	3.5L			
TEH	I	14 23 52 44.7	35.12N	56.73E	4	3.5			
THR		Error ellipse: s-maj=10.1km s-min=3.3km az=-1.0.							
CSEM		After THR.							
ISC	I	08 18 17 31.3-7.0	30.70N-05	56.82E-07	10		17	1-4	
ISCJB	I	08 18 17 30.2-6.9	30.71N-05	56.84E-06	10				
CSEM	I	08 18 17 30.3-0.8	30.70N	56.81E	16	3.9L			
THR	I	08 18 17 30.2-3.5	30.71N	56.83E	16-4	3.1L			
TEH	I	08 18 17 33.7	30.78N	56.75E	18	3.6			
ISC		Event type ke.							
ISCJB	V	23 08 20 49.5-1.1	33.91N	53.99E	14-13	3.2L			
TEH	I	23 08 20 49.7	33.87N	54.05E	7	3.6			
CSEM	I	23 08 20 49.5	33.91N	53.99E	14	3.2L			
THR		Error ellipse: s-maj=6.2km s-min=8.3km az=-1.0.							
CSEM		After THR.							
ISC	I	29 19 12 34.5-8.4	30.05N-06	50.82E-07	35		14	3-5	
CSEM	I	29 19 12 31.8-1.5	30.04N	50.79E	20	3.2L			
ISCJB	I	29 19 12 33.0-8.3	30.10N-06	50.79E-07	33	3.2L			
KISR	I	29 19 12 32.8-6.8	29.94N	50.69E	33-0	3.1L			
THR	I	29 19 12 32.8-3.5	30.21N	51.16E	18-4	3.2L			
ISC		Event type ke.							
CSEM		Event type ke. Error ellipse: s-maj=4.4km s-min=3.5km az=152.0.							
ISCJB	V	14 23 23 03.9-1.2	35.01N	56.89E	0	4.2,4.0			
KISR		Error ellipse: s-maj=14.6km s-min=7.8km az=-1.0.							
THR		Error ellipse: s-maj=1.5km s-min=3.2km az=-1.0.							
ISC	I	14 23 23 07.6-4.8	35.05N-06	56.85E-05	18	4.5s,3.9b	66	2-83	
IDC	I	14 23 23 03.9-1.2	35.01N	56.89E	0	4.2,4.0			
ISCJB	I	14 23 23 05.9-5.1	35.04N-06	56.83E-05	18	4.5s,3.9b			
NEIC	I	14 23 23 08.0	35.05N	56.85E	18	4.4,4.3L			
TEH	I	14 23 23 08.2	35.05N	56.85E	18	4.4,4.3L			
CSEM	I	14 23 23 08.4-0.7	35.05N	56.82E	45	4.1b,4.3L			
MOS	I	14 23 23 08.5-8.9	35.23N	56.90E	33	4.0b,4.3L			
THR	I	14 23 23 11.7-8.6	34.91N	56.58E	46-8	4.2L,4.3L			
ISC		Event type ke.							
IDC		Error ellipse: s-maj=27.2km s-min=19.1km az=160.0.							
ISCJB	V	03 00 38 05.2-5.4	35.18N-03	52.07E-05	10		19	0-4	
NEIC	IV	03 00 38 04.2-1.1	35.16N	52.08E	16	3.5L			
CSEM	IV	03 00 38 05.0-7.1	35.20N	52.00E	14-9	3.3L			
THR	IV	03 00 38 05.1	35.21N	52.04E	10	3.7			
ISC		Event type ke.							
ISCJB	V	29 04 28 29.4-1.4	34.50N-06	54.25E-10	0-12		19	1-4	
THR	VI	29 04 28 29.3-5.4	34.61N	54.20E	16-8	3.1L			
CSEM	VI	29 04 28 29.8-1.6	34.54N	54.21E	16	3.7L			
TEH	VI	29 04 28 30.7	34.49N	54.20E	6	3.7			
ISCJB	VI	29 04 28 31.7-9.1	34.62N-05	54.29E-09	16	3.7			
ISC		Event type ke.							

CSEM		Event type ke.							
ISCJB		Event type ke.							
THR	VI	03 07 30 10.3-40	25.80N	55.86E	14-4	3.5L			
CSEM	VI	03 07 30 10.3	25.80N	55.86E	14	3.5L			
THR		Error ellipse: s-maj=9.9km s-min=9.2km az=-1.0.							
CSEM		After THR.							
ISC	VI	02 20 33 16.0-82	24.36N-06	49.07E-07	10	3.8b,3.3s	56	5-54	
CSEM	VI	02 20 33 12.6-25	24.09N	49.04E	20	3.8L,3.3s			
TEH	VI	02 20 33 13.9	23.89N	48.85E	35	4.2,3.3s			
IDC	VI	02 20 33 13.8-3.4	24.40N	49.16E	0	3.8,3.7			
ISCJB	VI	02 20 33 14.7-86	24.45N-06	49.13E-07	10	3.8b,3.3s			
NEIC	VI	02 20 33 14.1-92	24.21N	49.03E	10	4.2,3.3s			
ISC		Event type ke.							
CSEM		Event type ke. Error ellipse: s-maj=5.5km s-min=4.4km az=178.0.							
IDC		Error ellipse: s-maj=74.0km s-min=25.9km az=11.0.							
ISCJB		Event type ke. Error ellipse: s-maj=9.8km s-min=8.4km az=172.3.							
NEIC		Event type se. Error ellipse: s-maj=12.6km s-min=9.1km az=187.0.							
ISC	II	12 16 37 15.2-1.0	28.91N-06	47.65E-07	10-6	3.7s,3.4b	16	0-74	
IDC	II	12 16 37 14.0-2.4	28.94N	47.46E	0	3.7s,3.7			
KISR	II	12 16 37 13.9-5.9	28.97N	47.67E	4-3	2.2,3.7			
ISCJB	II	12 16 37 14.5-1.1	28.88N-06	47.66E-08	19-7	3.7s,3.4b			
TEH	I	19 22 45 30.5	27.48N	49.83E	18	3.5			
ISC		Event type ke.							
ISC	III	03 06 58 08.6-47	27.93N-04	51.98E-03	40-5	4.0b	94	1-94	
TEH	III	03 06 57 26.3	27.90N	51.81E	11	4.0L			
OMAN	III	03 06 58 01.4	28.24N	51.49E	35-0	4.0L			
IDC	III	03 06 58 02.4-94	27.86N	52.02E	0	4.1,4.1			
KISR	III	03 06 58 04.7-86	27.95N	51.94E	34-0	3.4L,4.1			
ISCJB	III	03 06 58 06.5-54	27.90N-04	51.94E-03	39-5	4.0b,4.1			
NEIC	III	03 06 58 06.8	27.90N	51.76E	8	4.0L,4.0b			
CSEM	III	03 06 58 06.4-09	27.84N	51.90E	45	4.1b,4.0b			
MOS	III	03 06 58 07.2-1.0	27.94N	51.97E	40	4.4b,4.0b			
THR	III	03 06 58 14.1-45	28.78N	52.51E	19-5	3.6L,4.0b			
ISC		Event type ke.							
OMAN		Error ellipse: s-maj=194.5km s-min=19.1km az=324.0.							
IDC		Error ellipse: s-maj=22.9km s-min=18.6km az=165.0.							
KISR		Error ellipse: s-maj=32.8km s-min=17.3km az=-1.0.							
ISCJB		Event type ke. Error ellipse: s-maj=6.9km s-min=4.6km az=35.6.							
NEIC		Event type se. After TEH.							
CSEM		Event type ke. Error ellipse: s-maj=2.8km s-min=2.0km az=43.0.							
MOS		Error ellipse: s-maj=22.4km s-min=11.9km az=82.6.							
THR		Error ellipse: s-maj=3.2km s-min=3.7km az=-1.0.							
ISC	III	25 17 59 21.0-1.0	27.92N-04	51.24E-03	14-7	3.5b,3.2s	47	2-89	
OMAN	III	25 17 59 15.3	28.38N	50.76E	120	3.5b,3.2s			
CSEM	III	25 17 59 18.9-0.7	27.83N	51.36E	16	3.8L,3.2s			
IDC	III	25 17 59 19.5-2.4	28.02N	51.16E	0	3.6,3.5b			
ISCJB	III	25 17 59 21.1-6.7	27.81N-04	51.21E-05	33-9	3.5b,3.2s			
TEH	III	25 17 59 22.3	27.86N	51.28E	18	3.8,3.2s			
NEIC	III	25 17 59 22.3	27.86N	51.28E	18	3.7,3.6L			
KISR	III	25 17 59 26.3-1.2	28.54N	43.55E	33-0	4.1L,3.6L			
THR	III	25 17 59 31.5-6.3	29.02N	52.15E	14-13	3.5L,3.6L			
ISC		Event type ke.							
CSEM		Event type ke. Error ellipse: s-maj=2.4km s-min=1.6km az=92.0.							
IDC		Error ellipse: s-maj=53.5km s-min=26.6km az=149.0.							
ISCJB		Event type ke. Error ellipse: s-maj=7.1km s-min=6.8km az=76.1.							
NEIC		Event type se. After TEH.							
KISR		Error ellipse: s-maj=							

CSEM Event type ke. Error ellipse: s-maj=2.1km s-min=1.6km az=22.0.
 ISCJB Event type ke. Error ellipse: s-maj=4.3km s-min=3.3km az=70.9.
 KISR Error ellipse: s-maj=22.4km s-min=6.2km az=1.0.
 THR Error ellipse: s-maj=3.9km s-min=2.9km az=1.0.
 NEIC Event type se. Error ellipse: s-maj=8.1km s-min=6.3km az=192.0.
 ISC IV 10 05 15 24.7-1.2 28.19N-04 56.82E-08 15-8 3.9b 42 1-89
 OMAN IV 10 05 14 14.1 33.53N 56.94E 40-41 3.9b 19594566
 IDC IV 10 05 15 21.5-1.4 28.05N 56.74E 0 4.2,4.0b
 ISCJB IV 10 05 15 22.4-40 28.21N-03 56.89E-07 10 3.9b,4.0b
 CSEM IV 10 05 15 23.0-11 28.20N 56.89E 15 3.8b,4.0b
 THR IV 10 05 15 25.5-57 28.26N 56.70E 15-5 3.6L,4.0b
 NEIC IV 10 05 15 25.4 28.26N 56.72E 15 3.8b,3.5L
 ISC Event type ke.
 OMAN Error ellipse: s-maj=360.8km s-min=12.9km az=2.0.
 IDC Error ellipse: s-maj=30.2km s-min=22.7km az=163.0.
 ISCJB Event type ke. Error ellipse: s-maj=9.0km s-min=4.6km az=16.6.
 CSEM Event type ke. Error ellipse: s-maj=4.9km s-min=2.8km az=90.0.
 THR Error ellipse: s-maj=2.9km s-min=4.2km az=1.0.
 NEIC Event type se. After THR.
 ISC IV 19 16 41 42.7-21 26.81N-02 55.79E-03 10 4.3b,3.6s 213 1-91
 OMAN IV 19 16 41 38.9 27.25N 55.68E 30-0 4.3b,3.6s 110697864
 ISCJB IV 19 16 41 40.9-21 26.80N-03 55.74E-03 10 4.3b,3.6s
 CSEM IV 19 16 41 41.3-08 26.76N 55.76E 18 4.3b,3.6s
 BJI IV 19 16 41 41.4 27.07N 55.43E 24 5.3b,4.6b
 TEH IV 19 16 41 42.3 26.58N 55.75E 27 4.3L,4.4b
 THR IV 19 16 41 43.9-43 26.92N 55.86E 15-5 4.1L,4.6b
 MOS IV 19 16 41 43.5-78 26.77N 55.80E 33 4.5b,4.6b
 NEIC IV 19 16 41 44.0 26.92N 55.86E 16 4.3b,4.1L
 IDC IV 19 16 41 46.1-8.5 26.82N 55.84E 36-68 4.2,4.1
 ISC Event type ke.
 OMAN Error ellipse: s-maj=153.9km s-min=18.1km az=348.0.
 ISCJB Event type ke. Error ellipse: s-maj=4.1km s-min=3.1km az=94.7.
 CSEM Event type ke. Error ellipse: s-maj=4.2km s-min=2.6km az=24.0.
 THR Error ellipse: s-maj=5.6km s-min=1.8km az=1.0.
 MOS Error ellipse: s-maj=10.7km s-min=5.2km az=121.4.
 NEIC Event type se. After THR.
 IDC Error ellipse: s-maj=28.6km s-min=15.1km az=170.0.
 ISC IV 07 12 37 22.4-34 28.31N-03 57.48E-05 35 3.9b 59 1-90
 IDC IV 07 12 37 15.1-99 28.12N 57.44E 0 4.0,3.9b 18505998
 MOS IV 07 12 37 15.8-7 28.22N 57.42E 0 4.8b,3.9b
 ISCJB IV 07 12 37 20.1-34 28.29N-03 57.42E-05 35 3.9b,3.9b
 CSEM IV 07 12 37 20.2-11 28.41N 57.36E 30 3.9L,3.9b
 NEIC IV 07 12 37 21.7 28.41N 57.25E 34 3.9L,3.9b
 THR IV 07 12 37 21.7-34 28.41N 57.25E 34-3 3.9L,3.9b
 TEH IV 07 12 37 21.0 28.00N 57.44E 26 3.7,3.9b
 ISC Event type ke.
 IDC Error ellipse: s-maj=23.8km s-min=19.7km az=8.0.
 MOS Error ellipse: s-maj=24.5km s-min=17.0km az=93.8.
 ISCJB Event type ke. Error ellipse: s-maj=5.9km s-min=4.1km az=155.6.
 CSEM Event type ke. Error ellipse: s-maj=3.0km s-min=2.2km az=91.0.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=1.1km s-min=2.6km az=1.0.
 ISC IV 19 17 01 44.2-24 28.21N-02 56.87E-04 14 4.2b,3.5s 158 1-90
 IDC IV 19 17 01 41.5-90 28.14N 56.79E 0 4.2,4.2b 18320795
 ISCJB IV 19 17 01 42.4-24 28.22N-02 56.85E-04 14 4.2b,3.5s
 CSEM IV 19 17 01 43.7-06 28.14N 56.87E 30 4.4b,3.5s
 MOS IV 19 17 01 44.5-1.0 28.15N 56.80E 33 4.5b,3.5s
 NEIC IV 19 17 01 45.4 28.22N 56.80E 16 4.4b,4.1L
 THR IV 19 17 01 45.2-59 28.25N 56.80E 14-5 4.1L,4.1L
 TEH IV 19 17 01 49.5 28.13N 56.71E 30 3.8,4.1L
 ISC Event type ke.
 IDC Error ellipse: s-maj=21.0km s-min=16.0km az=180.0.
 ISCJB Event type ke. Error ellipse: s-maj=4.6km s-min=3.3km az=166.1.
 CSEM Event type ke. Error ellipse: s-maj=2.9km s-min=1.9km az=79.0.
 MOS Error ellipse: s-maj=12.0km s-min=5.6km az=121.3.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=3.0km s-min=4.3km az=1.0.
 ISC IV 28 00 52 47.2-29 27.49N-04 55.69E-03 10 4.0b 121 0-90
 MOS IV 28 00 52 39.0-1.4 26.57N 55.68E 10 4.2b 18321270
 CSEM IV 28 00 52 43.8-14 27.27N 55.63E 12 4.1b
 ISCJB IV 28 00 52 45.2-31 27.46N-04 55.64E-03 10 4.0b
 IDC IV 28 00 52 46.4-1.3 27.61N 55.61E 0 3.9,3.8
 THR IV 28 00 52 47.4-42 27.47N 55.82E 14-4 3.7L,3.8
 NEIC IV 28 00 52 47.4 27.47N 55.82E 14 4.2b,3.9
 TEH IV 28 00 52 49.8 27.52N 55.61E 10 3.9,3.9
 OMAN IV 28 00 53 13.0 25.79N 56.45E 15-3 3.9,3.9
 ISC Event type ke.
 MOS Error ellipse: s-maj=14.1km s-min=6.9km az=119.8.
 CSEM Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=6.0km s-min=3.7km az=48.4.
 IDC Error ellipse: s-maj=29.5km s-min=18.0km az=154.0.
 THR Error ellipse: s-maj=5.2km s-min=1.7km az=1.0.
 NEIC Event type se. After THR.
 OMAN Error ellipse: s-maj=107.7km s-min=4.2km az=350.0.
 ISC IV 12 21 01 48.3-2.0 27.58N-03 55.8E-10 4-17 26 0-10
 OMAN IV 12 21 00 29.3-2.2 33.65N 56.24E 49-17 19435171
 ISCJB IV 12 21 01 47.7-1.8 27.42N-05 55.8E-10 9-16
 CSEM IV 12 21 01 48.2-23 27.42N 55.84E 20 3.4L
 THR IV 12 21 01 50.7-44 27.57N 56.10E 14-3 3.4L
 TEH IV 12 21 01 54.9 27.73N 55.93E 18 3.6
 ISC Event type ke.
 OMAN Error ellipse: s-maj=60.3km s-min=22.9km az=87.0.
 ISCJB Event type ke. Error ellipse: s-maj=16.8km s-min=7.8km az=172.1.
 CSEM Event type ke. Error ellipse: s-maj=7.5km s-min=5.2km az=75.0.
 THR Error ellipse: s-maj=1.6km s-min=3.5km az=1.0.
 ISC IV 13 01 29 30.0-1.7 28.2N-20 55.5E-20 10 3.7b 24 15-89
 ISCJB IV 13 01 29 28.3-1.8 28.2N-20 55.4E-20 10 3.7b 19594779
 IDC IV 13 01 29 28.2-2.8 28.13N 55.47E 0 3.9,3.8b
 NEIC IV 13 01 29 34.7-2.0 28.32N 55.35E 35 3.5b,3.8b
 CSEM IV 13 01 29 34.7 28.32N 55.35E 35 3.7b,3.8b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=30.3km s-min=15.8km az=123.8.
 IDC Error ellipse: s-maj=59.5km s-min=30.3km az=140.0.
 NEIC Event type se. Error ellipse: s-maj=34.5km s-min=17.0km az=161.0.
 CSEM After NEIC.
 ISC IV 25 13 33 59.9-1.1 29.45N-03 52.17E-04 18-9 3.9b 90 1-88
 MOS IV 25 13 33 56.3-1.5 29.34N 52.05E 10 4.0b 18646571
 THR IV 25 13 33 56.7-48 29.52N 51.88E 16-8 3.7L
 KISR IV 25 13 33 56.1-1.4 29.60N 52.33E 33-0 3.9L
 IDC IV 25 13 33 56.8-1.6 29.43N 51.95E 0 3.9,3.8b
 TEH IV 25 13 33 58.1 29.39N 52.11E 2 3.6,3.8b
 ISCJB IV 25 13 33 59.9-1.5 29.51N-04 52.14E-04 31-13 3.9b,3.8b
 CSEM IV 25 13 33 59.7-11 29.53N 52.13E 29 4.0b,3.8b
 NEIC IV 25 13 34 01.2-65 29.48N 52.07E 31 3.9b,3.7L
 OMAN IV 25 13 34 18.9 27.96N 52.48E 30-0 3.9b,3.7L
 ISC Event type ke.
 MOS Error ellipse: s-maj=18.1km s-min=11.6km az=104.2.
 THR Error ellipse: s-maj=2.8km s-min=3.6km az=1.0.
 KISR Error ellipse: s-maj=35.2km s-min=12.6km az=1.0.
 IDC Error ellipse: s-maj=45.4km s-min=20.1km az=149.0.
 ISCJB Event type ke. Error ellipse: s-maj=6.7km s-min=5.6km az=1.0.
 CSEM Event type ke. Error ellipse: s-maj=3.1km s-min=2.5km az=4.0.
 NEIC Event type se. Error ellipse: s-maj=13.5km s-min=8.5km az=210.0.
 OMAN Error ellipse: s-maj=2389.0km s-min=86.4km az=336.0.
 ISC IV 21 09 52 17.2-93 29.42N-04 51.71E-04 14-6 4.1b 87 1-88
 CSEM IV 21 09 52 14.9-08 29.41N 51.66E 10 4.2b 18646344
 MOS IV 21 09 52 14.8-1.0 29.44N 51.64E 10 4.2b
 IDC IV 21 09 52 15.4-1.1 29.48N 51.63E 0 4.1,3.9b
 NEIC IV 21 09 52 18.3 29.52N 51.76E 30 3.9b,3.6L
 THR IV 21 09 52 18.3-84 29.51N 51.76E 29-9 3.6L,3.6L
 ISCJB IV 21 09 52 18.6-73 29.45N-05 51.74E-05 39-6 4.1b,3.6L

TEH IV 21 09 52 20.6 29.51N 52.05E 18 3.6,3.6L
 ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=2.6km s-min=1.6km az=59.0.
 MOS Error ellipse: s-maj=18.3km s-min=11.0km az=93.5.
 IDC Error ellipse: s-maj=28.2km s-min=18.0km az=137.0.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=6.7km s-min=6.9km az=1.0.
 ISCJB Event type ke. Error ellipse: s-maj=9.4km s-min=5.2km az=78.6.
 ISC IV 23 01 05 51.7-1.1 27.73N-04 55.40E-04 6-7 3.9b 93 1-90
 OMAN IV 23 01 05 38.4 28.89N 55.30E 30-0 3.9b 18646457
 MOS IV 23 01 05 47.6-1.6 27.27N 55.39E 10 4.2b
 IDC IV 23 01 05 48.9-1.9 27.63N 55.15E 0 3.8,3.8
 ISCJB IV 23 01 05 51.7-1.2 27.74N-05 55.37E-07 16-11 3.9b,3.8
 CSEM IV 23 01 05 51.7-08 27.73N 55.39E 16 4.5L,3.9b
 NEIC IV 23 01 05 52.5 27.74N 55.42E 15 3.9b,3.8L
 THR IV 23 01 05 52.5-29 27.74N 55.42E 16-2 3.8L,3.8L
 TEH IV 23 01 05 57.8 27.93N 55.09E 21 3.8,3.8L
 ISC Event type ke.
 MOS Error ellipse: s-maj=24.3km s-min=8.9km az=129.7.
 IDC Error ellipse: s-maj=44.1km s-min=25.6km az=144.0.
 ISCJB Event type ke. Error ellipse: s-maj=10.7km s-min=6.7km az=120.7.
 CSEM Event type ke. Error ellipse: s-maj=3.1km s-min=2.2km az=67.0.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=1.3km s-min=0.9km az=1.0.
 ISC IV 25 00 43 25.6-37 29.83N-03 54.36E-03 10 3.6b 89 1-93
 IDC IV 25 00 43 22.4-1.2 29.64N 54.30E 0 3.8,3.7b 18646556
 MOS IV 25 00 43 22.1-1.1 29.65N 54.29E 10 3.7,3.7b
 ISCJB IV 25 00 43 23.7-39 29.82N-03 54.38E-03 10 3.6b,3.7b
 NEIC IV 25 00 43 25.0-1.2 29.81N 54.35E 6-9 4.0L,3.5
 THR IV 25 00 43 25.5-63 29.88N 54.37E 14-6 3.8L,3.5
 CSEM IV 25 00 43 25.8-09 29.83N 54.33E 20 3.7b,3.5
 TEH IV 25 00 43 26.4 29.91N 54.32E 0 3.7,3.5
 ISC Event type ke.
 IDC Error ellipse: s-maj=29.2km s-min=22.3km az=164.0.
 MOS Error ellipse: s-maj=21.7km s-min=11.8km az=78.2.
 ISCJB Event type ke. Error ellipse: s-maj=4.8km s-min=3.4km az=137.6.
 NEIC Event type se. Error ellipse: s-maj=8.7km s-min=7.2km az=170.0.
 THR Error ellipse: s-maj=3.4km s-min=2.6km az=1.0.
 CSEM Event type ke. Error ellipse: s-maj=2.4km s-min=1.5km az=151.0.
 ISC IV 23 07 53 32.9-62 28.52N-04 53.04E-05 17-5 3.6b 43 0-89
 IDC IV 23 07 53 28.2-3.5 28.21N 53.30E 0 3.7,3.6 19597770
 THR IV 23 07 53 31.3-82 28.57N 53.14E 14-8 3.6L,3.6
 NEIC IV 23 07 53 31.2 28.55N 53.14E 16 3.6L,3.2b
 CSEM IV 23 07 53 32.0-24 28.49N 53.09E 30 3.6L,3.2b
 ISCJB IV 23 07 53 32.2-59 28.50N-06 52.98E-05 25-7 3.6b,3.2b
 KISR IV 23 07 53 33.2-1.0 27.28N 52.27E 33-0 2.9L,3.2b
 ISC Event type ke.
 IDC Error ellipse: s-maj=81.8km s-min=55.8km az=144.0.
 THR Error ellipse: s-maj=4.2km s-min=4.4km az=1.0.
 NEIC Event type se. After THR.
 CSEM Event type ke. Error ellipse: s-maj=6.0km s-min=3.3km az=27.0.
 ISCJB Event type ke. Error ellipse: s-maj=9.6km s-min=7.3km az=144.5.
 KISR Error ellipse: s-maj=40.7km s-min=26.5km az=1.0.
 ISC VI 04 12 16 17.3-2.1 27.1N-20 57.61E-08 10 3.7L 19 1-9
 CSEM VI 04 12 16 08.1-34 25.99N 57.85E 30 3.7L 1959786
 THR VI 04 12 16 10.7-40 26.32N 57.94E 14-5 3.7L
 KISR VI 04 12 16 11.2-76 26.66N 57.62E 33-0 4.1L
 ISCJB VI 04 12 16 15.9-2.1 27.3N-20 57.52E-08 10 4.1L
 ISC Event type ke.
 CSEM Event type ke.
 ISCJB Event type ke.
 ISC III 25 08 20 20.0-33 27.56N-04 55.57E-04 10 3.6b 61 1-90
 OMAN III 25 08 19 20.2 31.87N 54.60E 0 3.6b 110610163
 MOS III 25 08 20 16.5-1.2 26.88N 55.64E 33 4.2b
 IDC III 25 08 20 17.2-1.9 27.46N 55.62E 0 4.0,3.9
 ISCJB III 25 08 20 18.1-34 27.50N-04 55.57E-05 10 3.6b,3.9
 KISR III 25 08 20 18.8-1.3 27.36N 55.28E 18-0 3.8L,3.9
 CSEM III 25 08 20 19.5-10 27.39N 55.63E 30 3.8L,3.9
 NEIC III 25 08 20 21.6 27.53N 55.87E 15 3.9b,3.8L
 THR III 25 08 20 21.6-32 27.53N 55.87E 15-3 3.8L,3.8L
 TEH III 25 08 20 24.7 27.24N 55.13E 18 3.8,3.8L
 ISC Event type ke.
 OMAN Error ellipse: s-maj=717.6km s-min=80.1km az=351.0.
 MOS Error ellipse: s-maj=23.5km s-min=11.6km az=111.6.
 IDC Error ellipse: s-maj=39.9km s-min=19.4km az=166.0.
 ISCJB Event type ke. Error ellipse: s-maj=6.4km s-min=4.6km az=100.6.
 KISR Error ellipse: s-maj=75.4km s-min=28.8km az=1.0.
 CSEM Event type ke. Error ellipse: s-maj=3.1km s-min=2.7km az=154.0.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=3.8km s-min=1.4km az=1.0.
 ISC III 25 10 22 52.1-15 27.52N-02 55.56E-02 10 4.8b,4.5s 498 1-91
 ISCJB III 25 10 22 50.0-17 27.47N-02 55.55E-02 10 4.8b,4.5s 110610246
 CSEM III 25 10 22 50.7-05 27.38N 55.56E 20 4.9b,4.5s
 MOS III 25 10 22 51.1-80 27.51N 55.58E 19 5.0b,4.4s
 TEH III 25 10 22 53.9 27.35N 55.50E 18 4.7L,4.4s
 BJI III 25 10 22 53.2 27.93N 55.17E 39 5.3b,4.9s
 SZGRF III 25 10 22 53.7 28.00N 56.41E 33 4.8b,4.9s
 NEIC III 25 10 22 55.5 27.63N 55.86E 14 4.8b,4.7
 THR III 25 10 22 55.5-44 27.63N 55.86E 14-7 4.2L,4.7
 OMAN III 25 10 22 56.4-1.2 27.34N 55.18E 31-0 4.2L,4.7
 IDC III 25 10 22 57.1-5.0 27.59N 55.60E 50-47 4.6,4.4
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=3.2km s-min=2.7km az=66.0.
 CSEM Event type ke. Error ellipse: s-maj=1.9km s-min=1.6km az=71.0.
 MOS Error ellipse: s-maj=6.2km s-min=3.5km az=118.7.
 SZGRF Southern Iran.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=1.7km s-min=4.4km az=1.0.
 OMAN Error ellipse: s-maj=2.5km s-min=1.5km az=332.0.
 IDC Error ellipse: s-maj=18.4km s-min=12.2km az=166.0.
 ISC III 25 12 55 37.5-21 27.52N-02 55.71E-02 10 4.2b,3.5s 236 0-91
 IDC III 25 12 55 35.3-96 27.50N 55.73E 0 4.2,4.2
 ISCJB III 25 12 55 35.3-23 27.47N-02 55.65E-02 10 4.2b,3.5s
 BJI III 25 12 55 35.6 26.66N 56.46E 6 4.9b,4.6b
 MOS III 25 12 55 37.5-87 27.64N 55.68E 22 4.5b,4.6b
 CSEM III 25 12 55 38.4-06 27.40N 55.59E 35 4.4b,4.6b
 NEIC III 25 12 55 38.0 27.30N 55.88E 18 4.4b,4.1
 TEH III 25 12 55 38.0 27.30N 55.88E 18 4.1,4.1
 THR III 25 12 55 39.4-1.9 27.49N 56.25E 29-9 4.2L,4.1
 OMAN III 25 12 55 41.1-7.0 27.38N 55.31E 30-0 4.2L,4.1
 ISC Event type ke.
 IDC Error ellipse: s-maj=22.6km s-min=16.1km az=171.0.
 ISCJB Event type ke. Error ellipse: s-maj=3.7km s-min=2.9km az=65.0.
 MOS Error ellipse: s-maj=9.2km s-min=5.9km az=100.9.
 CSEM Event type ke. Error ellipse: s-maj=2.6km s-min=1.9km az=25.0.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=9.9km s-min=10.2km az=1.0.
 OMAN Error ellipse: s-maj=6.0km s-min=2.3km az=3.0.
 ISC III 08 12 30 59.0-19 28.11N-02 56.84E-02 24 4.5b,3.8s 299 1-90
 SZGRF III 08 12 30 43.7 27.06N 56.66E 33 4.4b,3.8s 110599671
 TEH III 08 12 30 47.2 28.19N 56.70E 28 4.2L,3.8s
 BJI III 08 12 30 56.3 28.43N 56.73E 25 4.8b,4.7b
 CSEM III 08 12 30 56.3-08 28.25N 56.93E 10 4.6b,3.7s
 ISCJB III 08 12 30 56.9-20 28.11N-02 56.82E-02 23 4.5b,3.8s
 IDC III 08 12 30 57.9-74 28.13N 56.79E 19-4 4.3,4.3
 MOS III 08 12 30 58.5-85 28.17N 56.81E 33 4.9b,4.3
 NEIC III 08 12 30 58.4-35 28.07N 56.81E 22 4.6b,4.2
 THR III 08 12 30 59.0-68 28.22N 56.76E 17-5 4.2L,4.2
 ISC Event type ke.
 SZGRF Southern Iran.
 CSEM Event type ke. Error ellipse: s-maj=2.3km s-min=2.0km az=175.0.

ISCJB Event type ke. Error ellipse: s-maj=3.6km s-min=2.9km az=56.7.
 IDC Error ellipse: s-maj=15.1km s-min=13.2km az=154.0.
 MOS Error ellipse: s-maj=7.0km s-min=4.3km az=114.2.
 NEIC Event type se. Error ellipse: s-maj=7.0km s-min=5.0km az=182.0.
 THR Error ellipse: s-maj=2.4km s-min=4.7km az=1.0.
ISC VI 05 12 29 02.4-2.0 29.36N-04 51.38E-03 22-18 36 1-7
 KISR VI 05 12 28 58.0-93 29.45N 51.47E 34-0 3.4L **19436290**
 THR VI 05 12 29 00.8-37 29.41N 51.52E 18-0 3.6L
 ISCJB VI 05 12 29 01.1-1.9 29.40N-04 51.37E-03 23-19 3.6L
 CSEM VI 05 12 29 01.4-07 29.21N 51.36E 45 3.6L
 TEH VI 05 12 29 02.6 29.23N 51.34E 26 3.6

ISC Event type ke.
 KISR Error ellipse: s-maj=20.5km s-min=8.0km az=1.0.
 THR Error ellipse: s-maj=2.9km s-min=3.8km az=1.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.0km s-min=4.3km az=157.4.
 CSEM Event type ke. Error ellipse: s-maj=2.0km s-min=1.3km az=169.0.
ISC III 25 09 55 13.7-12 27.58N-02 55.77E-02 16 5.2b,5.0s 1032 0-169
 BJI III 25 09 55 06.3 27.67N 55.07E 10 5.4s,5.4b **110610223**
 TEH III 25 09 55 10.1 27.51N 55.72E 18 5.4L,5.4b
 ISCJB III 25 09 55 11.6-12 27.53N-02 55.74E-02 15 5.2b,5.0s
 MOS III 25 09 55 11.7-1.0 27.60N 55.74E 17 5.5b,5.0s
 HRVD III 25 09 55 12.4-20 27.48N 55.68E 12 5.5W,5.0s
 NEIC III 25 09 55 12.4-20 27.54N 55.78E 10 5.5W,5.4
 CRAAG III 25 09 55 13.3 27.82N 56.10E 10 5.4b,5.4
 CSEM III 25 09 55 13.7 27.60N 55.87E 30 5.5L,5.4
 SFS III 25 09 55 14.0 27.17N 55.09E 0 5.3L,5.4
 THR III 25 09 55 16.0-83 27.62N 56.02E 16-0 5.1L,5.4
 IDC III 25 09 55 16.4-1.8 27.65N 55.69E 38-15 5.0s,5.0
 OMAN III 25 09 55 18.8 27.33N 55.94E 77-7 5.0s,5.0
 SZGRF III 25 09 55 18.1 27.82N 55.54E 33 5.2b,4.9s

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=2.7km s-min=1.9km az=38.0.
 MOS Error ellipse: s-maj=5.4km s-min=2.7km az=126.5.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s92.c155; Mantle waves: s102.c217; Half duration: 154 Moment tensor: Scale 10¹⁷Nm; Mr:1.84±.03; M₀:2.13±.03; M₀:0.29±.03; M₀:0.30±.03; M₀:0.12±.09;
 Best double couple: NP1:0.276,0.0000°; 0.835,0.0000°; 0.889,0.0000°; NP2:0.98,0.0000°;
 ; 0.855,0.0000°; 0.91,0.0000°. Principal axes: T 1.9800,Plg80.0000°; Azm12.0000°
 ; N 0.3290,Plg1.0000°; Azm277.0000°; P -2.3070,Plg10.0000°; Azm187.0000°
 M₀:2.14400×10¹⁷

NEIC Event type se. Error ellipse: s-maj=5.2km s-min=3.3km az=197.0. Moment Tensor Solution.
 s10 Moment tensor: Scale 10¹⁷Nm; Mr:2.01; M₀:1.88; M₀:0.13; M₀:0.37; M₀:0.59; M₀:0.15
 Best double couple: NP1:0.288,0.0000°; 0.851,0.0000°; 0.91,0.0000°; NP2:0.106,0.0000°
 ; 0.839,0.0000°; 0.88,0.0000°. Principal axes: T 2.0500,Plg84.0000°; Azm20.0000°
 ; N 0.0500,Plg1.0000°; Azm107.0000°; P -2.1000,Plg6.0000°; Azm17.0000°; M₀:2.10000×10¹⁷

THR Error ellipse: s-maj=3.4km s-min=3.4km az=1.0.
 IDC Error ellipse: s-maj=9.5km s-min=8.6km az=144.0.
 OMAN Error ellipse: s-maj=207.9km s-min=11.8km az=350.0.
 SZGRF Southern Iran.
ISC III 25 15 27 22.9-1.2 27.70N-05 55.72E-08 13-9 3.5b 34 0-52
 IDC III 25 15 27 18.9-2.6 27.47N 55.68E 0 3.7,3.6b **110610445**
 ISCJB III 25 15 27 22.8-1.1 27.2N-10 56.0E-10 59-6 3.5b,3.6b
 NEIC III 25 15 27 22.5-1.3 27.66N 55.66E 10 3.9b,3.4L
 CSEM III 25 15 27 24.5-1.9 27.73N 55.98E 30 3.9b,3.4L
 THR III 25 15 27 24.7-66 27.68N 55.84E 14-10 3.4L,3.4L

ISC Event type ke.
 IDC Error ellipse: s-maj=56.4km s-min=24.3km az=153.0.
 ISCJB Event type ke. Error ellipse: s-maj=20.9km s-min=13.3km az=105.3.
 NEIC Event type se. Error ellipse: s-maj=29.2km s-min=11.3km az=37.0.
 CSEM Event type ke. Error ellipse: s-maj=9.9km s-min=4.5km az=54.0.
 THR Error ellipse: s-maj=2.0km s-min=5.8km az=1.0.
ISC III 25 16 08 27.9-41 27.54N-04 55.78E-04 10 4.1b,3.4s 102 0-90
 ISCJB III 25 16 08 25.9-41 27.52N-04 55.72E-04 10 4.1b,3.4s **110610462**
 IDC III 25 16 08 25.0-1.8 27.50N 55.70E 0 4.1,4.0
 BJI III 25 16 08 26.0 27.50N 55.80E 8 5.1s,4.9s
 CSEM III 25 16 08 27.1-09 27.43N 55.67E 25 4.3b,4.9s
 MOS III 25 16 08 28.6-1.3 27.80N 55.74E 21 4.4b,4.9s
 TEH III 25 16 08 29.2 27.52N 55.80E 8 3.8,4.9s
 NEIC III 25 16 08 29.0 27.52N 55.80E 8 4.2b,4.0L
 THR III 25 16 08 30.5-62 27.62N 56.26E 14-6 4.0L,4.0L

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=6.4km s-min=4.5km az=46.2.
 IDC Error ellipse: s-maj=39.5km s-min=18.9km az=167.0.
 CSEM Event type ke. Error ellipse: s-maj=2.8km s-min=1.7km az=23.0.
 MOS Error ellipse: s-maj=11.8km s-min=7.6km az=90.7.
 NEIC Event type se. After TEH.
 THR Error ellipse: s-maj=3.6km s-min=9.0km az=1.0.
ISC III 25 17 48 23.9-29 27.48N-03 55.52E-03 10 4.3b 228 1-95
 BJI III 25 17 48 20.6 28.03N 55.04E 18 4.9b,4.8s **110610517**
 IDC III 25 17 48 21.6-78 27.44N 55.51E 0 4.3,4.2
 ISCJB III 25 17 48 21.9-30 27.46N-03 55.48E-03 10 4.3b,4.2
 CSEM III 25 17 48 23.0-06 27.36N 55.44E 20 4.5b,4.2
 MOS III 25 17 48 23.0-1.7 27.48N 55.43E 19 4.6b,4.2
 THR III 25 17 48 25.2-1.4 27.63N 55.69E 15-0 4.0L,4.2
 NEIC III 25 17 48 26.0 27.48N 55.63E 18 4.4b,4.0
 TEH III 25 17 48 26.6 27.48N 55.63E 18 4.0,4.0

ISC Event type ke.
 IDC Error ellipse: s-maj=19.0km s-min=16.9km az=3.0.
 ISCJB Event type ke. Error ellipse: s-maj=4.8km s-min=3.8km az=38.7.
 CSEM Event type ke. Error ellipse: s-maj=2.1km s-min=1.6km az=30.0.
 MOS Error ellipse: s-maj=8.6km s-min=5.7km az=107.7.
 THR Error ellipse: s-maj=6.0km s-min=7.8km az=1.0.
 NEIC Event type se. After TEH.
THR III 25 19 14 31.4-46 27.96N 57.44E 14-6 3.6L
 CSEM III 25 19 14 31.4 27.96N 57.44E 14 3.6L **110610554**
 THR Error ellipse: s-maj=3.1km s-min=11.9km az=1.0.
 CSEM After THR.
ISC III 25 10 00 35.8-12 27.61N-02 55.72E-02 10 5.3b,5.0s 926 0-134
 TEH III 25 09 59 48.0 27.69N 55.80E 18 5.2L,5.0s **110610226**
 OMAN III 25 10 00 19.8 28.91N 55.30E 31-0 5.2L,5.0s
 SFS III 25 10 00 20.0 28.85N 57.00E 0 5.4L,5.0s
 SZGRF III 25 10 00 31.8 27.31N 56.83E 33 5.3b,5.0s
 ISCJB III 25 10 00 34.0-13 27.60N-02 55.71E-02 10 5.3b,5.0s
 CSEM III 25 10 00 35.6-05 27.59N 55.71E 23 5.4b,5.2W
 HRVD III 25 10 00 36.6-50 27.41N 55.66E 12 5.2W,5.2W
 BJI III 25 10 00 36.6 27.50N 55.80E 15 5.3s,5.3b
 NEIC III 25 10 00 36.6 27.47N 55.80E 15 5.5b,5.2
 MOS III 25 10 00 37.0-89 27.59N 55.74E 33 5.5b,5.2
 THR III 25 10 00 37.0-87 27.47N 55.79E 15-0 5.0L,5.2
 CRAAG III 25 10 00 38.2 27.62N 55.73E 5.5b,5.2
 BGS III 25 10 00 38.1-1.6 27.19N 55.35E 33-0 5.4b,5.2
 IDC III 25 10 00 39.5-1.3 27.56N 55.75E 39-11 5.1,5.0

ISC Event type ke.
 OMAN Error ellipse: s-maj=129.9km s-min=26.3km az=346.0.
 SZGRF Southern Iran.
 ISCJB Event type ke. Error ellipse: s-maj=3.0km s-min=2.0km az=37.9.
 CSEM Event type ke. Error ellipse: s-maj=2.2km s-min=1.5km az=20.0.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s41.c56; Mantle waves: s83.c139; Half duration: 150 Moment tensor: Scale 10¹⁷Nm; Mr:0.62±.02; M₀:0.72±.02; M₀:0.09±.02; M₀:0.39±.07; M₀:0.14±.02; M₀:0.20±.08;
 Best double couple: NP1:0.267,0.0000°; 0.830,0.0000°; 0.70,0.0000°; NP2:0.110,0.0000°
 ; 0.62,0.0000°; 0.101,0.0000°. Principal axes: T 0.7610,Plg71.0000°; Azm45.0000°
 ; N 0.0990,Plg10.0000°; Azm284.0000°; P -0.8600,Plg16.0000°; Azm192.0000°
 M₀:0.81000×10¹⁷

NEIC Event type se. After THR.
 MOS Error ellipse: s-maj=5.6km s-min=2.7km az=128.9.
 THR Error ellipse: s-maj=8.4km s-min=4.6km az=1.0.
 BGS Error ellipse: s-maj=515.2km s-min=414.0km az=1.0.
 IDC Error ellipse: s-maj=9.8km s-min=8.6km az=27.0.

ISC III 18 13 19 22.0-3.0 29.27N-09 51.2E-10 3-32 23 2-7
 ISCJB III 18 13 19 20.9-55 29.28N-06 51.26E-04 10 3.1L **110605981**
 THR III 18 13 19 21.7-26 29.33N 51.18E 15-0 3.1L
 CSEM III 18 13 19 22.5-08 29.34N 51.21E 18 3.1L
 KISR III 18 13 19 22.5-1.3 29.34N 51.05E 18-0 3.3L

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=8.2km s-min=4.8km az=24.5.
 THR Error ellipse: s-maj=3.1km s-min=4.3km az=1.0.
 CSEM Event type ke. Error ellipse: s-maj=2.4km s-min=1.8km az=176.0.
 KISR Error ellipse: s-maj=25.4km s-min=11.3km az=1.0.
THR III 28 20 40 52.3-32 29.78N 57.55E 17-4 3.5L
 CSEM III 28 20 40 52.3 29.78N 57.55E 17 3.5L **110612511**
 THR Error ellipse: s-maj=3.8km s-min=1.0km az=1.0.
 CSEM After THR.
IDC III 02 06 57 18.1-3.2 27.78N 57.30E 0 3.7,3.6b 110595618

IDC Error ellipse: s-maj=83.7km s-min=33.0km az=150.0.
ISC III 24 23 46 57.7-86 28.04N-09 55.19E-05 49-11 3.4b 22 1-52
 IDC III 24 23 46 50.0-27 27.89N 55.44E 0 3.6,3.6 **110609949**
 CSEM III 24 23 46 54.4-09 28.20N 55.25E 30 3.1L,3.6
 THR III 24 23 46 54.3-60 28.23N 55.27E 18-8 3.1L,3.6
 KISR III 24 23 46 55.0-1.5 27.97N 54.74E 6-999 3.1L,3.6
 ISCJB III 24 23 46 56.1-91 28.06N-09 55.10E-05 48-12 3.4b,3.6

ISC Event type ke.
 CSEM Event type ke.
 ISCJB Event type ke.
ISC III 05 19 22 43.1-80 28.11N-05 57.0E-10 54-10 3.3b 28 1-89
 IDC III 05 19 22 35.0-2.5 27.93N 56.98E 0 3.6,3.5b **110598029**
 THR III 05 19 22 40.5-39 28.24N 56.91E 14-3 3.0L,3.5b
 NEIC III 05 19 22 40.5 28.24N 56.91E 14 3.1L,3.5b
 OMAN III 05 19 22 40.4 28.24N 57.25E 30-0 3.1L,3.5b
 CSEM III 05 19 22 41.8-20 28.12N 57.00E 49-2 3.0L,3.5b
 ISCJB III 05 19 22 42.0-85 28.09N-05 57.0E-10 59-10 3.3b,3.5b

ISC Event type ke.
 NEIC Event type se. After THR.
 CSEM Event type ke.
 ISCJB Event type ke.
ISC III 27 02 39 52.3-98 27.49N-04 55.73E-05 10-7 3.6b 38 0-90
 IDC III 27 02 39 50.4-1.9 27.44N 55.64E 0 3.9,3.8 **110611398**
 ISCJB III 27 02 39 51.1-1.3 27.33N-06 55.7E-10 20-13 3.6b,3.8
 CSEM III 27 02 39 51.8-12 27.31N 55.83E 30 3.4L,3.8
 OMAN III 27 02 39 52.8-7.9 27.61N 55.18E 30-0 3.4L,3.8
 MOS III 27 02 39 52.8-1.6 27.36N 55.66E 33 3.7b,3.8
 NEIC III 27 02 39 53.3 27.45N 55.80E 14 3.6b,3.4L
 THR III 27 02 39 54.1-49 27.46N 55.87E 16-3 3.4L,3.4L

ISC Event type ke.
 IDC Error ellipse: s-maj=39.9km s-min=22.1km az=140.0.
 ISCJB Event type ke. Error ellipse: s-maj=16.5km s-min=9.0km az=36.5.
 CSEM Event type ke. Error ellipse: s-maj=4.0km s-min=3.4km az=116.0.
 OMAN Error ellipse: s-maj=6.4km s-min=2.8km az=9.0.
 MOS Error ellipse: s-maj=29.6km s-min=13.2km az=117.1.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=2.3km s-min=1.7km az=1.0.
ISC III 27 07 19 59.3-1.1 27.64N-06 55.98E-05 3-9 20 0-7
 ISCJB III 27 07 19 57.7-1.1 27.68N-06 55.93E-05 2-9 **110611540**
 CSEM III 27 07 19 57.8-46 27.63N 55.94E 5 3.6L
 THR III 27 07 19 59.5-64 27.63N 56.07E 14-4 3.6L
 TEH III 27 07 20 01.7 27.61N 55.69E 9 3.6

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=9.5km s-min=8.0km az=3.2.
 CSEM Event type ke. Error ellipse: s-maj=13.1km s-min=7.9km az=45.0.
 THR Error ellipse: s-maj=2.4km s-min=2.4km az=1.0.
ISC III 28 17 38 52.4-53 27.97N-03 56.72E-05 54-7 3.6b 55 1-90
 IDC III 28 17 38 45.0-2.0 27.87N 56.79E 0 3.9,3.8 **110612436**
 CSEM III 28 17 38 48.2-15 28.02N 56.94E 25 3.5b,3.8
 TEH III 28 17 38 48.0 27.81N 56.81E 10 3.7,3.8
 NEIC III 28 17 38 50.1 28.12N 56.72E 18 3.8L,3.7
 THR III 28 17 38 50.0-55 28.11N 56.72E 18-5 3.6L,3.7
 ISCJB III 28 17 38 51.1-57 27.97N-04 56.70E-05 58-7 3.6b,3.7
 OMAN III 28 17 39 10.6-131 26.23N 57.08E 0-4 3.6b,3.7

ISC Event type ke.
 IDC Error ellipse: s-maj=45.8km s-min=22.1km az=157.0.
 CSEM Event type ke. Error ellipse: s-maj=3.6km s-min=2.9km az=117.0.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=2.2km s-min=4.3km az=1.0.
 ISCJB Event type ke. Error ellipse: s-maj=8.2km s-min=5.7km az=145.3.
 OMAN Error ellipse: s-maj=25.3km s-min=3.1km az=5.0.
ISC III 10 09 41 50.4-40 28.01N-03 56.81E-04 50-4 4.4b 130 1-90
 TEH III 10 09 41 46.6 27.92N 57.11E 18 4.4 **110601005**
 IDC III 10 09 41 46.6-79 28.04N 56.77E 18-4 4.2,4.2
 THR III 10 09 41 47.4-46 28.17N 56.80E 14-4 4.0L,4.2
 OMAN III 10 09 41 47.8 28.10N 57.01E 27 4.0L,4.2
 NEIC III 10 09 41 47.4 28.17N 56.80E 14 4.5b,4.2L
 MOS III 10 09 41 47.1-1.0 28.04N 56.79E 33 4.7b,4.2L
 CSEM III 10 09 41 48.2-07 28.02N 56.97E 50 4.3b,4.2L
 ISCJB III 10 09 41 48.9-43 28.01N-03 56.81E-04 53-5 4.4b,4.2L

ISC Event type ke.
 NEIC Event type se. After THR.
 CSEM Event type ke.
 ISCJB Event type ke.
ISC III 11 11 40 32.4-89 28.32N-06 57.34E-08 56-9 3.7b 33 1-90
 MOS III 11 11 40 25.1-1.0 28.28N 57.33E 10 3.8b **110601801**
 THR III 11 11 40 28.1-37 28.37N 57.37E 14-4 3.8L
 NEIC III 11 11 40 28.2 28.37N 57.37E 16 3.7L,3.7L
 CSEM III 11 11 40 28.8-22 28.38N 57.34E 31-1 3.8L,3.7L
 ISCJB III 11 11 40 31.2-89 28.31N-06 57.37E-08 60-8 3.7b,3.7L
 IDC III 11 11 40 33.9-10 28.36N 57.26E 70-90 3.8,3.7

ISC Event type ke.
 MOS Error ellipse: s-maj=30.4km s-min=15.6km az=87.6.
 THR Error ellipse: s-maj=1.5km s-min=2.8km az=1.0.
 NEIC Event type se. After THR.
 CSEM Event type ke. Error ellipse: s-maj=4.8km s-min=3.3km az=118.0.
 ISCJB Event type ke. Error ellipse: s-maj=13.2km s-min=8.7km az=63.0.
 IDC Error ellipse: s-maj=37.2km s-min=20.6km az=163.0.
ISC III 11 21 10 16.3-47 27.35N-04 56.93E-05 69-7 3.8b 64 1-88
 MOS III 11 21 10 04.8-1.2 26.90N 57.17E 10 4.2b **110602101**
 IDC III 11 21 10 08.8-1.3 27.31N 57.16E 0 3.9,3.8b
 CSEM III 11 21 10 12.1-11 27.37N 57.24E 35 3.7b,3.8b
 THR III 11 21 10 12.9-47 27.18N 57.18E 41-4 3.7L,3.8b
 KISR III 11 21 10 12.1-1.2 28.25N 56.70E 3-999 3.9L,3.8b
 NEIC III 11 21 10 12.9 27.18N 57.18E 41 3.7b,3.8b
 ISCJB III 11 21 10 15.7-49 27.33N-04 56.80E-05 92-6 3.8b,3.8b
 TEH III 11 21 10 16.6 27.45N 56.82E 5 3.6,3.8b

ISC Event type ke.
 MOS Error ellipse: s-maj=54.0km s-min=17.6km az=71.2.
 IDC Error ellipse: s-maj=33.4km s-min=25.4km az=143.0.
 CSEM Event type ke. Error ellipse: s-maj=3.7km s-min=2.8km az=65.0.
 THR Error ellipse: s-maj=8.0km s-min=3.9km az=1.0.
 KISR Error ellipse: s-maj=999.9km s-min=999.9km az=1.0.
 NEIC Event type se. After THR.
 ISCJB Event type ke. Error ellipse: s-maj=8.0km s-min=5.4km az=108.6.
ISC III 01 00 57 05.8-1.0 26.84N-08 56.2E-10 10 3.5b 26 1-53
 IDC III 01 00 57 01.7-1.2 26.6N-10 56.0E-10 10 3.6b **110594864**
 CSEM III 01 00 57 02.9-2.2 26.78N 55.86E 0 3.7b,3.7
 OMAN III 01 00 57 04.1-39 26.68N 56.03E 20 3.0b,3.7
 THR III 01 00 57 06.5-55 26.85N 56.15E 14-9 3.5L,3.7
 NEIC III 01 00 57 21.3 27.88N 55.59E 0 3.0,3.7

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=16.6km s-min=14.6km az=128.7.
 IDC Error ellipse: s-maj=49.3km s-min=22.7km az=157.0.
 CSEM Event type ke. Error ellipse: s-maj=12.1km s-min=4.9km az=28.0.

Nm; Mr2.65±.12 Mm±.3.17±.10; Mm±0.52±.14; Mm±1.56±.37; Mm±0.62±.11; Mm-1.16±.44;
 Best double couple: NP1.0; 261.00000°; 833.00000°; 159.00000°; NP2.0; 116.00000°
 ; .862.00000°; 108.00000°; Principal axes: T 3.3860, P1g67.0000°; Azm61.0000°
 ; N 0.3660, P1g16.0000°; Azm27.0000°; P -3.7510, P1g15.0000°; Azm193.0000°
 M±3.56900×10¹⁶

MOS Error ellipse: s-maj=6.2km s-min=3.4km az=121.9.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=13.3km s-min=5.3km az=150.
 IDC Error ellipse: s-maj=16.5km s-min=12.1km az=150.0.
 SZGRF Southern Iran.
 OMAN Error ellipse: s-maj=3.7km s-min=1.6km az=337.0.
ISC III 25 11 16 19.2-21 27.57N-02 55.50E-03 10 4.3b 171 0-91
 TEH III 25 11 15 52.9 27.55N 55.53E 28 4.1L **110610283**
 IDC III 25 11 16 16.8-91 27.56N 55.58E 0 4.2,4.1
 ISCJB III 25 11 16 17.3-22 27.51N-02 55.47E-03 10 4.3b,4.1
 SZGRF III 25 11 16 18.6 27.50N 56.19E 33 4.3b,4.1
 MOS III 25 11 16 18.3-82 27.56N 55.48E 20 4.7b,4.1
 THR III 25 11 16 22.3-77 27.64N 55.86E 14-9 4.0L,4.1
 NEIC III 25 11 16 22.2 27.63N 55.87E 14 4.5b,4.1
 OMAN III 25 11 16 27.7-2.5 27.04N 55.38E 30-0 4.5b,4.1
 ISC Event type se.
 IDC Error ellipse: s-maj=20.7km s-min=17.2km az=167.0.
 ISCJB Event type se. Error ellipse: s-maj=4.2km s-min=3.1km az=122.5.
 SZGRF Southern Iran.
 MOS Error ellipse: s-maj=10.6km s-min=5.6km az=124.1.
 THR Error ellipse: s-maj=2.9km s-min=5.6km az=-1.0.
 NEIC Event type se. After THR.
 OMAN Error ellipse: s-maj=3.6km s-min=1.7km az=336.0.
ISC III 25 11 50 04.9-1.0 27.57N-03 55.72E-06 9-7 4.0s,3.5b 40 0-90
 IDC III 25 11 50 02.1-2.1 27.42N 55.71E 0 4.0s,4.0
 ISCJB III 25 11 50 03.9-1.4 27.53N-03 55.60E-10 17-11 4.0s,3.5b **110610303**
 CSEM III 25 11 50 05.9-14 27.56N 55.71E 25 3.6L,3.5b
 NEIC III 25 11 50 08.9 27.67N 56.02E 14 3.7L,3.5b
 THR III 25 11 50 08.1-1.3 27.62N 56.06E 14-10 3.6L,3.5b
 OMAN III 25 11 50 11.1-1.9 27.19N 55.31E 30-0 3.6L,3.5b
 ISC Event type ke.
 IDC Error ellipse: s-maj=57.6km s-min=25.2km az=152.0.
 ISCJB Event type ke. Error ellipse: s-maj=14.3km s-min=5.7km az=5.5.
 CSEM Event type ke. Error ellipse: s-maj=5.4km s-min=3.7km az=82.0.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=4.0km s-min=9.7km az=-1.0.
 OMAN Error ellipse: s-maj=3.1km s-min=1.8km az=342.0.
ISC III 25 11 57 32.2-54 27.41N-05 55.74E-04 10 3.7b 71 0-90
 TEH III 25 11 57 25.0 27.61N 55.81E 18 4.0L **110610310**
 MOS III 25 11 57 26.2-2.0 26.41N 55.68E 33 4.0b
 ISCJB III 25 11 57 29.9-60 27.32N-06 55.67E-04 10 3.7b
 IDC III 25 11 57 30.0-1.9 27.45N 55.63E 0 3.9,3.8
 CSEM III 25 11 57 31.4-10 27.33N 55.70E 25 3.8L,3.8
 THR III 25 11 57 34.3-58 27.47N 56.48E 16-5 3.8L,3.8
 NEIC III 25 11 57 34.3 27.47N 56.48E 16 4.0,4.0b
 ISC Event type ke.
 MOS Error ellipse: s-maj=23.9km s-min=11.2km az=110.1.
 ISCJB Event type ke. Error ellipse: s-maj=8.0km s-min=4.7km az=0.1.
 IDC Error ellipse: s-maj=41.9km s-min=21.2km az=164.0.
 CSEM Event type ke.
 THR Error ellipse: s-maj=5.9km s-min=9.0km az=-1.0.
 NEIC Event type se. After THR.
ISC III 25 12 13 44.7-19 27.63N-03 55.56E-02 18 4.7b,4.0s 494 1-108
 BJI III 25 12 13 40.6 27.84N 54.56E 40 5.0b,4.9b **110610319**
 MOS III 25 12 13 41.8-87 27.56N 55.57E 15 5.0b,4.9b
 IDC III 25 12 13 41.3-64 27.59N 55.62E 0 4.6,4.6
 NEIC III 25 12 13 42.5-26 27.44N 55.51E 10 4.9b,4.6
 CSEM III 25 12 13 42.1-08 27.43N 55.57E 22 4.9W,4.8b
 ISCJB III 25 12 13 42.6-20 27.57N-03 55.52E-02 18 4.7b,4.0s
 HRVD III 25 12 13 42.5-70 27.44N 55.36E 19-1 4.9W,4.0s
 TEH III 25 12 13 46.1 27.51N 55.53E 11 4.6,4.0s
 THR III 25 12 13 47.1-33 27.66N 55.98E 15-3 4.5L,4.0s
 SZGRF III 25 12 13 50.6 28.22N 55.54E 26 4.6b,4.0s
 ISC Event type ke.
 MOS Error ellipse: s-maj=6.3km s-min=3.7km az=118.2.
 IDC Error ellipse: s-maj=15.0km s-min=13.6km az=156.0.
 NEIC Event type se. Error ellipse: s-maj=5.9km s-min=3.6km az=9.0.
 CSEM Event type ke. Error ellipse: s-maj=3.2km s-min=1.7km az=172.0.
 ISCJB Event type ke. Error ellipse: s-maj=4.1km s-min=2.6km az=15.1.
 HRVD Error ellipse: s-maj=5.6km s-min=4.4km az=-1.0. nst1 refers to body waves, cutoff=40s.
 nst2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s21,c25; Mantle waves: s64,c92;Half duration: 0 Moment tensor: Scale 10¹⁶
 Nm; Mr2.2.11±.18 Mm±.2.31±.14; Mm±0.19±.12; Mm±1.13±.27; Mm±0.20±.09; Mm-0.99±.31;
 Best double couple: NP1.0; 256.00000°; 834.00000°; 157.00000°; NP2.0; 114.00000°
 ; .862.00000°; 110.00000°; Principal axes: T 2.7220, P1g67.0000°; Azm61.0000°
 ; N -0.0780, P1g17.0000°; Azm284.0000°; P -2.6500, P1g15.0000°; Azm189.0000°
 M±2.68600×10¹⁶

THR Error ellipse: s-maj=1.2km s-min=2.5km az=-1.0.
 SZGRF Southern Iran.
ISC III 25 13 14 28.8-28 27.51N-03 55.72E-03 10 4.3b,3.3s 276 0-91
 SZGRF III 25 13 14 14.4 26.60N 58.13E 33 4.3b,3.3s **110610357**
 ISCJB III 25 13 14 26.7-30 27.45N-03 55.71E-03 10 4.3b,3.3s
 IDC III 25 13 14 26.6-89 27.47N 55.79E 0 4.3,4.3
 MOS III 25 13 14 28.1-1.1 27.56N 55.71E 19 4.6b,4.3
 CSEM III 25 13 14 29.0-08 27.40N 55.68E 30 4.4b,4.3
 THR III 25 13 14 29.2-93 27.55N 55.93E 14-13 4.0L,4.3
 BJI III 25 13 14 30.3 27.49N 55.23E 56 5.0s,4.7b
 NEIC III 25 13 14 32.0 27.40N 55.77E 32 4.4b,4.1
 TEH III 25 13 14 32.9 27.40N 55.77E 32 4.1,4.1
 ISC Event type ke.
 SZGRF Southern Iran.
 ISCJB Event type ke. Error ellipse: s-maj=5.0km s-min=3.8km az=25.4.
 IDC Error ellipse: s-maj=22.5km s-min=15.0km az=70.0.
 MOS Error ellipse: s-maj=8.3km s-min=5.2km az=109.5.
 CSEM Event type ke. Error ellipse: s-maj=2.5km s-min=2.3km az=5.0.
 THR Error ellipse: s-maj=3.8km s-min=10.1km az=-1.0.
 NEIC Event type se. After THR.
ISC III 25 15 29 34.3-1.9 27.39N-05 55.77E-04 13-6 4.1b 174 0-91
 SZGRF III 25 15 29 10.9 25.72N 58.97E 33 4.3b **110610447**
 TEH III 25 15 29 22.7 27.68N 56.17E 27 4.0L
 IDC III 25 15 29 31.8-94 27.44N 55.79E 0 4.2,4.2
 ISCJB III 25 15 29 32.3-37 27.42N-05 55.74E-03 10 4.1b,4.2
 CSEM III 25 15 29 33.3-11 27.37N 55.80E 20 4.3b,4.2
 THR III 25 15 29 36.5-1.7 27.57N 56.11E 14-12 3.8L,4.2
 MOS III 25 15 29 36.6-1.1 27.63N 55.83E 33 4.5b,4.2
 BJI III 25 15 29 39.4 27.65N 55.96E 38 4.4b,4.2
 NEIC III 25 15 29 40.0 27.68N 56.17E 27 4.3b,4.0
 ISC Event type ke.
 SZGRF Southern Iran.
 IDC Error ellipse: s-maj=23.2km s-min=16.1km az=6.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.0km s-min=4.2km az=30.3.
 CSEM Event type ke.
 THR Error ellipse: s-maj=6.8km s-min=13.5km az=-1.0.
 MOS Error ellipse: s-maj=9.8km s-min=6.4km az=110.3.
 NEIC Event type se. After THR.
ISC III 25 15 48 06.0-1.4 27.41N-20 55.8E-10 31-10 3.7b 32 0-90
 IDC III 25 15 48 01.9-1.8 27.43N 55.73E 0 3.9,3.8b **110610265**
 CSEM III 25 15 48 04.5-50 27.45N 55.69E 30-3 3.5L,3.8b
 ISCJB III 25 15 48 05.2-1.6 27.3N-20 55.82E-10 44-9 3.7b,3.8b
 NEIC III 25 15 48 05.4 27.52N 55.72E 14 3.5L,3.8b
 THR III 25 15 48 05.4-44 27.52N 55.72E 14-7 3.5L,3.8b
 ISC Event type ke.
 IDC Error ellipse: s-maj=39.1km s-min=19.4km az=165.0.
 CSEM Event type ke. Error ellipse: s-maj=11.4km s-min=11.2km az=33.0.
 ISCJB Event type ke. Error ellipse: s-maj=28.2km s-min=13.6km az=155.5.
 NEIC Event type se. After THR.

THR Error ellipse: s-maj=2.0km s-min=4.2km az=-1.0.
 ISC III 25 12 12 43.9-1.3 27.2N-20 56.0E-10 10 3.6b 19 16-90
 NEIC III 25 12 12 38.5-3.5 26.52N 55.98E 10 3.9b **110610315**
 ISCJB III 25 12 12 41.5-1.3 27.0N-20 56.0E-10 10 3.6b
 IDC III 25 12 12 43.8-2.1 27.41N 55.75E 0 3.9,3.7
 ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=63.3km s-min=20.5km az=181.0.
 ISCJB Event type se. Error ellipse: s-maj=26.0km s-min=13.9km az=5.5.
 IDC Error ellipse: s-maj=45.4km s-min=24.1km az=156.0.
ISC III 25 20 21 30.3-76 27.61N-05 55.58E-05 10 3.9b 44 1-86
 IDC III 25 20 21 22.9-2.4 27.01N 56.02E 0 4.1,4.0 **110610587**
 KISFR III 25 20 21 23.6-49 27.87N 55.87E 34-0 4.0L,4.0
 ISCJB III 25 20 21 29.7-81 27.65N-05 55.43E-05 10 3.8b,4.0
 CSEM III 25 20 21 29.3-24 27.54N 55.86E 29-7 3.7L,4.0
 THR III 25 20 21 31.3-61 27.61N 56.03E 14-8 3.7L,4.0
 TEH III 25 20 21 32.1 27.61N 55.69E 9 3.7,4.0
 ISC Event type ke.
 IDC Error ellipse: s-maj=46.3km s-min=27.2km az=151.0.
 KISFR Error ellipse: s-maj=40.3km s-min=10.1km az=-1.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.9km s-min=5.3km az=98.7.
 CSEM Event type ke. Error ellipse: s-maj=17.5km s-min=7.1km az=120.0.
 THR Error ellipse: s-maj=2.5km s-min=7.1km az=-1.0.
ISC III 25 21 23 24.1-26 27.57N-02 55.49E-04 10 3.8b 80 1-52
 IDC III 25 21 23 20.0-2.3 27.34N 55.57E 0 3.8,3.7 **110610603**
 ISCJB III 25 21 23 22.2-27 27.55N-02 55.44E-04 10 3.8b,3.7
 OMAN III 25 21 23 23.4-2.3 27.66N 55.29E 30-0 3.8b,3.7
 CSEM III 25 21 23 24.7-06 27.49N 55.47E 30 4.1b,3.7
 MOS III 25 21 23 25.6-1.0 27.65N 55.50E 33 4.3b,3.7
 NEIC III 25 21 23 26.2 27.68N 55.79E 14 4.2b,3.6L
 TEH III 25 21 23 26.4 27.66N 55.48E 0 3.7,3.6L
 THR III 25 21 23 26.3-1.0 27.64N 55.77E 15-0 3.6L,3.6L
 ISC Event type ke.
 IDC Error ellipse: s-maj=48.0km s-min=21.2km az=156.0.
 ISCJB Event type ke. Error ellipse: s-maj=5.4km s-min=2.9km az=141.1.
 OMAN Error ellipse: s-maj=3.5km s-min=2.3km az=0.0.
 CSEM Event type ke. Error ellipse: s-maj=2.4km s-min=1.3km az=52.0.
 MOS Error ellipse: s-maj=18.4km s-min=11.5km az=105.7.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=4.1km s-min=5.9km az=-1.0.
ISC III 25 21 54 15.1-89 28.09N-02 57.08E-05 6-6 3.6b 52 1-54
 IDC III 25 21 54 12.4-2.4 27.87N 56.99E 0 3.8,3.7b **110610623**
 ISCJB III 25 21 54 14.0-84 28.11N-02 57.06E-05 9-6 3.6b,3.7b
 CSEM III 25 21 54 15.7-07 28.04N 57.10E 25 3.7L,3.7b
 TEH III 25 21 54 15.0 27.69N 56.89N 20 3.7,3.7b
 NEIC III 25 21 54 17.9 28.13N 56.89E 14 3.7L,3.5b
 THR III 25 21 54 18.6-1.6 28.17N 56.82E 29-14 3.7L,3.5b
 OMAN III 25 21 54 20.8-2.6 27.84N 57.33E 30-0 3.7L,3.5b
 ISC Event type ke.
 IDC Error ellipse: s-maj=54.3km s-min=23.8km az=151.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.4km s-min=3.9km az=170.0.
 CSEM Event type ke. Error ellipse: s-maj=3.2km s-min=1.5km az=77.0.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=7.6km s-min=11.9km az=-1.0.
 OMAN Error ellipse: s-maj=3.6km s-min=2.3km az=350.0.
ISC III 25 13 33 29.9-1.3 27.57N-06 56.3E-20 10-11 10 0-11
 OMAN III 25 13 32 13.7 32.99N 55.23E 0 **110610370**
 ISCJB III 25 13 33 28.6-1.0 27.63N-05 56.3E-20 10
 CSEM III 25 13 33 30.6-23 27.55N 56.14E 18 3.1L
 THR III 25 13 33 30.2-76 27.57N 56.13E 14-8 3.1L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=20.9km s-min=6.8km az=19.2.
 CSEM Event type ke. Error ellipse: s-maj=11.9km s-min=6.1km az=89.0.
 THR Error ellipse: s-maj=3.9km s-min=10.1km az=-1.0.
ISC III 25 14 58 31.1-18 27.55N-02 55.74E-03 12 4.5b,3.4s 314 0-91
 TEH III 25 14 57 48.0 27.67N 55.54E 16 4.1L,3.4s **110610430**
 CSEM III 25 14 58 28.9-05 27.59N 55.73E 11 4.7b,3.4s
 IDC III 25 14 58 28.2-81 27.47N 55.80E 0 4.4,4.4
 ISCJB III 25 14 58 29.2-19 27.54N-03 55.71E-03 12 4.5b,3.4s
 NEIC III 25 14 58 29.7-40 27.36N 55.73E 10 4.7b,4.4L
 BJI III 25 14 58 29.6 27.40N 55.70E 10 5.2b,5.0s
 MOS III 25 14 58 30.0-93 27.66N 55.78E 16 4.8b,5.0s
 THR III 25 14 58 31.6-69 27.46N 55.80E 14-12 4.4L,5.0s
 SZGRF III 25 14 58 37.8 28.06N 55.57E 12 4.3b,5.0s
 OMAN III 25 14 58 41.1-2.9 26.87N 55.48E 30-0 4.3b,5.0s
 ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=2.3km s-min=1.6km az=44.0.
 IDC Error ellipse: s-maj=20.6km s-min=14.2km az=176.0.
 ISCJB Event type ke. Error ellipse: s-maj=4.0km s-min=2.8km az=75.9.
 NEIC Event type se. Error ellipse: s-maj=9.2km s-min=4.5km az=11.0.
 MOS Error ellipse: s-maj=7.9km s-min=4.6km az=117.9.
 THR Error ellipse: s-maj=6.0km s-min=4.9km az=-1.0.
 SZGRF Southern Iran.
 OMAN Error ellipse: s-maj=3.9km s-min=1.9km az=333.0.
ISC III 26 07 21 30.8-20 27.52N-03 55.58E-03 10 4.3b,3.6s 234 1-90
 TEH III 26 07 21 05.6 27.52N 55.59E 18 4.0L,3.6s **110610854**
 BJI III 26 07 21 23.1 26.63N 55.22E 18 4.9b,4.5s
 ISCJB III 26 07 21 28.6-21 27.45N-03 55.60E-03 10 4.3b,3.6s
 IDC III 26 07 21 28.6-1.6 27.46N 55.69E 0 4.3,4.2
 CSEM III 26 07 21 29.5-06 27.43N 55.59E 20 4.4b,3.4s
 MOS III 26 07 21 31.5-96 27.38N 55.57E 33 4.7b,3.4s
 THR III 26 07 21 32.6-68 27.54N 55.91E 18-7 3.9L,3.4s
 NEIC III 26 07 21 32.5 27.55N 55.91E 18 4.4b,4.0
 OMAN III 26 07 21 41.7-3.5 26.81N 55.50E 30-0 4.4b,4.0
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=4.7km s-min=3.3km az=80.4.
 IDC Error ellipse: s-maj=36.3km s-min=17.5km az=164.0.
 CSEM Event type ke. Error ellipse: s-maj=2.6km s-min=1.7km az=69.0.
 MOS Error ellipse: s-maj=12.2km s-min=5.0km az=128.3.
 THR Error ellipse: s-maj=8.3km s-min=2.9km az=-1.0.
 NEIC Event type se. After THR.
 OMAN Error ellipse: s-maj=4.3km s-min=1.8km az=334.0.
NEIC III 25 21 24 58.4-3.6 26.56N 56.19E 10 3.7b
 IDC III 25 21 25 00.8-2.9 27.07N 56.15E 0 3.8,3.7 **110610604**
 NEIC Event type se. Error ellipse: s-maj=66.6km s-min=21.0km az=180.0.
 IDC Error ellipse: s-maj=62.3km s-min=29.2km az=154.0.
ISC III 29 03 07 42.8-1.5 27.63N-06 56.0E-20 6-18 16 0-7
 CSEM III 29 03 07 40.8-18 27.65N 56.08E 2 3.3L **110612659**
 ISCJB III 29 03 07 41.8-1.1 27.68N-07 56.1E-20 13-17 3.3L
 THR III 29 03 07 42.3-73 27.55N 56.05E 14-9 3.3L
 TEH III 29 03 07 46.8 27.70N 55.79E 18 3.5
 ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=7.0km s-min=3.3km az=76.0.
 ISCJB Event type ke. Error ellipse: s-maj=29.4km s-min=9.5km az=31.5.
 THR Error ellipse: s-maj=3.4km s-min=9.0km az=-1.0.
ISC III 26 09 37 57.2-18 27.51N-02 55.71E-03 10 4.5b,3.7s 331 0-99
 TEH III 26 09 37 43.8 27.51N 55.75E 23 4.3L,3.7s **110610934**
 IDC III 26 09 37 55.2-87 27.54N 55.82E 0 4.3,4.3
 ISCJB III 26 09 37 55.2-19 27.48N-02 55.73E-03 10 4.5b,3.7s
 CSEM III 26 09 37 55.2-06 27.44N 55.76E 15 4.6b,3.4s
 NEIC III 26 09 37 56.9-1.4 27.27N 55.81E 22-8 4.7b,4.2L
 BJI III 26 09 37 56.0 27.30N 55.40E 40 5.0b,4.8b
 MOS III 26 09 37 58.5-99 27.53N 55.67E 33 4.8b,4.8b
 THR III 26 09 37 58.6-35 27.47N 56.05E 18-3 4.1L,4.8b
 OMAN III 26 09 38 02.7-2.2 27.21N 55.49E 30-0 4.1L,4.8b
 SZGRF III 26 09 38 07.3 28.79N 55.88E 33 4.7b,4.8b
 ISC Event type ke.
 IDC Error ellipse: s-maj=19.1km s-min=14.9km az=122.0.
 ISCJB Event type ke. Error ellipse: s-maj=3.9km s-min=2.9km az=76.5.
 CSEM Event type ke. Error ellipse: s-maj=2.7km s-min=1.8km az=70.0.
 NEIC Event type se. Error ellipse: s-maj=10.7km s-min=5.4km az=182.0.
 MOS Error ellipse: s-maj=8.6km s-min=4.3km az=121.2.

ISCJB Error ellipse: s-maj=13.1km s-min=5.4km az=47.4.
 THR Error ellipse: s-maj=1.4km s-min=3.1km az=-1.0.
 CSEM After THR.
 ISC III 11 16 53 34.4-1.8 27.42N-06 56.0E-10 11-13 10 0-10
 ISCJB III 11 16 53 33.9-1.5 27.42N-06 56.0E-10 15-11 110601968
 CSEM III 11 16 53 33.2 27.62N 56.03E 14 3.4L
 THR III 11 16 53 33.2-55 27.62N 56.03E 14-7 3.4L
 OMAN III 11 16 53 47.2 26.26N 57.06E 4-20 3.4L
 ISCJB Error ellipse: s-maj=20.6km s-min=9.7km az=22.5.
 CSEM After THR.
 THR Error ellipse: s-maj=2.2km s-min=6.4km az=-1.0.
 OMAN Error ellipse: s-maj=4108.0km s-min=7.5km az=19.0.
 ISC III 12 02 14 23.7-1.1 28.28N-07 56.7E-10 18-9 3.4b 13 1-53
 IDC III 12 02 14 18.7-3.1 28.00N 56.86E 0 3.7,3.6
 CSEM III 12 02 14 23.4 28.20N 56.89E 14 3.2L,3.6
 THR III 12 02 14 23.4-40 28.20N 56.89E 14-4 3.2L,3.6
 ISCJB III 12 02 14 25.4-89 28.1N-10 56.9E-10 68-11 3.4b,3.6
 CSEM After THR.
 ISC III 22 23 03 26.9-76 28.04N-07 56.9E-10 10 3.4b 12 1-53
 IDC III 22 23 02 53.0-17 26.80N 62.14E 0 3.8,3.6b
 THR III 22 23 03 24.0-1.5 28.03N 56.89E 15-0 3.5L,3.6b
 CSEM III 22 23 03 24.0 28.03N 56.89E 15 3.5L,3.6b
 ISCJB III 22 23 03 25.1-77 28.01N-06 56.86E-09 10 3.4b,3.6b
 CSEM After THR.
 ISC III 25 10 33 39.8-1.6 27.2N-20 55.7E-10 10 3.5b 16 16-90
 ISCJB III 25 10 33 38.0-1.6 27.2N-20 55.6E-10 10 3.5b 110610255
 IDC III 25 10 33 38.1-1.9 27.19N 55.66E 0 3.7,3.7
 ISCJB Error ellipse: s-maj=35.7km s-min=16.3km az=155.3.
 IDC Error ellipse: s-maj=42.2km s-min=20.8km az=166.0.
 ISC III 25 12 49 36.7-1.9 27.0N-20 53.6E-10 47-14 3.8b 16 1-90
 CSEM III 25 12 49 28.9 26.61N 53.24E 39 3.4L 110610340
 THR III 25 12 49 28.9-39 26.61N 53.24E 39-6 3.4L
 IDC III 25 12 49 30.3-2.0 26.99N 53.53E 0 3.9,3.8b
 ISCJB III 25 12 49 35.1-1.9 27.0N-20 53.5E-10 51-14 3.8b,3.8b
 CSEM After THR.
 ISC III 25 13 52 50.9-1.0 27.61N-05 56.5E-10 14 10 0-10
 ISCJB III 25 13 52 49.3-1.1 27.65N-05 56.6E-20 14 110610383
 CSEM III 25 13 52 52.9 27.67N 56.14E 14 3.1L
 THR III 25 13 52 52.9-47 27.67N 56.14E 14-5 3.1L
 OMAN III 25 13 53 08.0 26.27N 56.90E 20 3.1L
 ISCJB Error ellipse: s-maj=19.5km s-min=6.9km az=15.0.
 CSEM After THR.
 THR Error ellipse: s-maj=2.0km s-min=5.9km az=-1.0.
 ISC III 25 15 37 58.8-1.2 27.62N-07 55.73E-08 8-9 3.5b 12 0-52
 IDC III 25 15 37 55.1-3.0 27.23N 55.77E 0 3.7,3.6b 110610450
 ISCJB III 25 15 37 57.7-1.3 27.68N-07 55.70E-08 3-10 3.5b,3.6b
 THR III 25 15 38 01.8-65 27.61N 55.98E 14-9 3.1L,3.6b
 CSEM III 25 15 38 01.8 27.61N 55.98E 14 3.1L,3.6b
 IDC Error ellipse: s-maj=63.8km s-min=27.6km az=147.0.
 ISCJB Error ellipse: s-maj=12.9km s-min=10.8km az=61.5.
 THR Error ellipse: s-maj=2.5km s-min=7.2km az=-1.0.
 CSEM After THR.
 ISC III 25 15 47 17.3-1.5 27.52N-09 55.75E-09 15-13 3.6b 12 0-52
 IDC III 25 15 47 13.1-3.0 27.34N 55.91E 0 3.7,3.7 110610457
 ISCJB III 25 15 47 17.0-1.1 27.47N-08 55.77E-09 30-8 3.6b,3.7
 CSEM III 25 15 47 18.8 27.61N 55.90E 15 3.3L,3.7
 THR III 25 15 47 18.8-1.1 27.61N 55.90E 15-0 3.3L,3.7
 IDC Error ellipse: s-maj=62.1km s-min=30.4km az=148.0.
 ISCJB Error ellipse: s-maj=14.7km s-min=12.1km az=118.2.
 CSEM After THR.
 THR Error ellipse: s-maj=4.1km s-min=6.6km az=-1.0.
 ISC III 26 07 54 45.8-7.0 27.44N-06 55.71E-05 10 14 0-10
 ISCJB III 26 07 54 44.0-7.7 27.42N-06 55.75E-05 10 110610873
 THR III 26 07 54 45.4-39 27.48N 55.77E 14-4 3.0L
 CSEM III 26 07 54 45.4 27.48N 55.77E 14 3.0L
 OMAN III 26 07 54 53.9-8.4 26.26N 57.76E 30-0 3.0L
 ISCJB Error ellipse: s-maj=8.6km s-min=5.7km az=42.1.
 THR Error ellipse: s-maj=4.8km s-min=1.6km az=-1.0.
 CSEM After THR.
 OMAN Error ellipse: s-maj=6.6km s-min=2.5km az=34.0.
 ISC III 30 21 06 29.0-1.2 27.90N-09 57.2E-10 32 3.4b 9 1-54
 IDC III 30 21 06 16.6-5.3 26.13N 58.16E 0 3.8,3.6b 110613923
 THR III 30 21 06 25.2-33 28.01N 57.29E 32-3 3.3L,3.6b
 ISCJB III 30 21 06 27.6-1.2 27.89N-08 57.3E-10 32 3.4b,3.6b
 ISC VI 29 09 24 31.2-2.1 29.13N-09 58.5E-10 8-25 18 2-6
 THR VI 29 09 24 31.9-42 29.30N 58.42E 38-5 3.3L 119437129
 CSEM VI 29 09 24 33.0-37 29.00N 58.54E 30 3.3L
 ISCJB VI 29 09 24 34.9-1.6 29.12N-08 58.37E-05 26-15 3.3L
 TEH VI 29 09 24 37.0 29.25N 58.47E 11 3.7
 ISC Event type ke.
 THR Error ellipse: s-maj=4.6km s-min=1.7km az=-1.0.
 CSEM Event type ke. Error ellipse: s-maj=9.9km s-min=5.9km az=172.0.
 ISCJB Event type ke. Error ellipse: s-maj=13.0km s-min=6.8km az=20.3.
 ISC II 01 03 39 01.7-1.1 27.11N-09 53.5E-10 10 3.6b 14 1-50
 ISCJB II 01 03 38 59.5-1.1 27.08N-08 53.4E-10 10 3.6b 119488583
 CSEM II 01 03 39 00.4 27.02N 53.43E 34 3.3L
 THR II 01 03 39 00.4-33 27.02N 53.43E 34-4 3.3L
 IDC II 01 03 39 02.3-2.5 27.58N 53.11E 0 3.7,3.6
 TEH II 01 03 39 07.9 27.43N 53.22E 19 3.7,3.6
 ISCJB Error ellipse: s-maj=16.0km s-min=8.9km az=103.7.
 CSEM After THR.
 THR Error ellipse: s-maj=5.1km s-min=5.4km az=-1.0.
 IDC Error ellipse: s-maj=63.8km s-min=26.9km az=154.0.
 ISC II 01 12 17 55.6-1.1 26.7N-10 55.88E-07 9 3.6b 34 1-87
 CSEM II 01 12 17 52.5-39 26.65N 55.79E 4 2.2L 119488668
 ISCJB II 01 12 17 53.5-1.1 26.7N-10 55.83E-07 9 3.7b
 NEIC II 01 12 17 54.8 26.76N 55.86E 9 4.0L,4.0b
 IDC II 01 12 17 54.2-2.1 26.78N 55.86E 0 3.8,3.7
 THR II 01 12 17 54.8-46 26.76N 55.86E 9-7 4.0L,3.7
 TEH II 01 12 17 58.8 26.81N 55.79E 18 3.9,3.7
 ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=11.3km s-min=3.4km az=159.0.
 ISCJB Event type ke. Error ellipse: s-maj=18.9km s-min=7.9km az=150.3.
 NEIC Event type se. After THR.
 IDC Error ellipse: s-maj=45.8km s-min=23.3km az=164.0.
 THR Error ellipse: s-maj=11.2km s-min=4.1km az=-1.0.
 ISC II 02 22 47 06.9-62 27.47N-04 54.05E-03 46-5 4.2b,3.3s 172 1-97
 NAO II 02 22 46 25.9 23.27N 57.13E 33 3.8b,3.3s 118079763
 THR II 02 22 47 01.0-54 27.16N 54.14E 16-5 4.1L,3.3s
 BJI II 02 22 47 01.1 27.91N 53.70E 20 4.6s,4.5b
 CSEM II 02 22 47 02.6-08 27.41N 54.09E 25 4.3b,4.5b
 MOS II 02 22 47 02.8-83 27.25N 53.94E 33 4.5b,4.5b
 IDC II 02 22 47 04.3-3.8 27.40N 54.11E 27-26 4.1,4.0
 ISCJB II 02 22 47 04.8-72 27.47N-04 54.04E-03 43-6 4.2b,3.3s
 NEIC II 02 22 47 06.7 27.47N 54.01E 23 4.3b,4.0L
 TEH II 02 22 47 06.7 27.47N 54.01E 23 4.0,4.0L
 ISC Event type ke.
 THR Error ellipse: s-maj=9.0km s-min=4.0km az=-1.0.
 CSEM Event type ke. Error ellipse: s-maj=2.8km s-min=2.1km az=36.0.
 MOS Error ellipse: s-maj=11.3km s-min=6.1km az=123.2.
 IDC Error ellipse: s-maj=17.9km s-min=16.5km az=136.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.6km s-min=4.4km az=19.8.
 NEIC Event type se. After THR.
 ISC II 03 00 24 36.8-1.1 27.62N-09 54.31E-04 16-7 3.6b 18 1-51
 ISCJB II 03 00 24 32.5-1.2 27.3N-10 54.18E-06 10 3.5b 119569637
 IDC II 03 00 24 33.3-2.6 27.39N 54.15E 0 3.8,3.7
 CSEM II 03 00 24 37.6 27.58N 54.29E 14 3.2L,3.7
 THR II 03 00 24 37.6-1.1 27.58N 54.29E 14-12 3.2L,3.7
 ISCJB Error ellipse: s-maj=18.7km s-min=5.5km az=32.2.
 IDC Error ellipse: s-maj=57.9km s-min=29.6km az=151.0.
 CSEM After THR.

THR Error ellipse: s-maj=6.1km s-min=3.1km az=-1.0.
 ISC II 05 05 46 01.7-82 29.65N-09 51.9E-10 10 3.7b 8 2-49
 IDC II 05 05 45 57.8-6.3 29.72N 52.32E 0 3.6b,3.5 119569888
 ISCJB II 05 05 45 59.9-83 29.64N-09 51.9E-10 10 3.7b,3.5
 CSEM II 05 05 46 01.1 29.75N 51.93E 15 3.2L,3.5
 THR II 05 05 46 01.1-34 29.75N 51.93E 15-0 3.2L,3.5
 IDC Error ellipse: s-maj=126.9km s-min=47.8km az=113.0.
 ISCJB Error ellipse: s-maj=16.7km s-min=9.5km az=97.1.
 CSEM After THR.
 THR Error ellipse: s-maj=2.3km s-min=4.2km az=-1.0.
 ISC II 06 19 58 23.8-50 29.17N-04 58.33E-04 40-8 3.6b 56 2-88
 IDC II 06 19 58 16.0-1.5 28.77N 58.48E 0 3.7,3.5b 118319163
 THR II 06 19 58 18.6-39 29.30N 58.43E 14-11 4.1L,3.5b
 NEIC II 06 19 58 18.6 29.30N 58.43E 14 4.1L,3.9b
 MOS II 06 19 58 19.8-1.2 28.88N 58.15E 33 4.0b,3.9b
 CSEM II 06 19 58 19.5-10 29.15N 58.34E 18 3.9b,3.9b
 ISCJB II 06 19 58 22.4-59 29.19N-04 58.27E-04 44-9 3.6b,3.9b
 TEH II 06 19 58 23.8 29.16N 58.42E 29 3.6,3.9b
 ISC Event type ke.
 IDC Error ellipse: s-maj=42.7km s-min=30.6km az=132.0.
 THR Error ellipse: s-maj=7.9km s-min=1.7km az=-1.0.
 NEIC Event type se. After THR.
 MOS Error ellipse: s-maj=32.6km s-min=23.8km az=59.1.
 CSEM Event type ke. Error ellipse: s-maj=3.2km s-min=1.6km az=15.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.1km s-min=5.2km az=21.3.
 ISC II 06 21 14 06.0-1.1 26.87N-04 55.82E-05 14-8 3.6b 31 1-52
 IDC II 06 21 14 03.4-2.6 26.87N 55.79E 0 3.8,3.7b 119570049
 ISCJB II 06 21 14 05.9-75 26.88N-04 55.75E-05 26-7 3.6b,3.7b
 CSEM II 06 21 14 06.1-10 26.91N 55.84E 30 3.6b,3.7b
 KISR II 06 21 14 07.2-36 26.71N 55.47E 34-0 3.1L,3.7b
 OMAN II 06 21 14 07.4-32 26.94N 56.22E 30-0 3.1L,3.7b
 NEIC II 06 21 14 07.9 26.93N 55.95E 12 3.2,3.1L
 THR II 06 21 14 07.9-41 26.93N 55.95E 12-2 3.1L,3.1L
 ISC Event type ke.
 IDC Error ellipse: s-maj=59.0km s-min=25.5km az=152.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.5km s-min=6.2km az=141.1.
 CSEM Event type ke. Error ellipse: s-maj=2.9km s-min=2.7km az=156.0.
 KISR Error ellipse: s-maj=21.3km s-maj=1.1km az=-1.0.
 OMAN Error ellipse: s-maj=429.5km s-min=7.7km az=266.0.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=5.9km s-min=6.9km az=-1.0.
 ISC II 06 23 31 59.6-1.3 29.17N-03 58.37E-03 27-10 4.1b,3.1s 148 2-90
 OMAN II 06 23 31 46.8 29.87N 59.46E 30-0 4.1b,3.1s 118083681
 BJI II 06 23 31 53.5 28.35N 58.32E 28 4.7b,3.1s
 THR II 06 23 31 55.3-39 29.35N 58.44E 14-10 4.2L,3.1s
 IDC II 06 23 31 56.1-1.0 29.23N 58.12E 0 4.1,4.0
 ISCJB II 06 23 31 57.0-1.2 29.18N-03 58.32E-03 21-10 4.1b,3.1s
 NEIC II 06 23 31 57.2-49 29.16N 58.40E 10 4.4L,4.1b
 CSEM II 06 23 31 57.5-08 29.20N 58.28E 25 4.2b,4.1b
 TEH II 06 23 31 57.4 29.01N 58.60E 18 4.4,4.1b
 MOS II 06 23 31 59.1-93 29.23N 58.30E 33 4.3b,4.1b
 ISC Event type ke.
 OMAN Error ellipse: s-maj=980.2km s-min=59.5km az=23.0.
 THR Error ellipse: s-maj=7.5km s-min=2.3km az=-1.0.
 IDC Error ellipse: s-maj=23.1km s-min=17.5km az=146.0.
 ISCJB Event type ke. Error ellipse: s-maj=5.6km s-min=4.6km az=3.2.
 NEIC Event type se. Error ellipse: s-maj=8.7km s-min=5.3km az=6.0.
 CSEM Event type ke. Error ellipse: s-maj=2.8km s-min=2.1km az=3.0.
 MOS Error ellipse: s-maj=10.3km s-min=7.8km az=95.9.
 ISC II 16 22 52 53.7-00 27.65N-06 56.00E-06 19-6 3.9b 30 0-53
 IDC II 16 22 52 48.5-2.9 27.28N 55.93E 0 4.1,3.9b 119493800
 ISCJB II 16 22 52 49.2-2.2 26.9N-10 56.5E-10 12 3.9b,3.9b
 CSEM II 16 22 52 51.7-44 27.75N 55.96E 51-12 4.2L,3.9b
 NEIC II 16 22 52 55.0 27.64N 56.07E 14 3.7,3.6b
 TEH II 16 22 52 55.2 27.50N 55.58E 17 3.7,3.6b
 THR II 16 22 52 55.0-52 27.64N 56.07E 14-4 3.5L,3.6b
 ISC Event type ke.
 IDC Error ellipse: s-maj=56.5km s-min=29.3km az=147.0.
 ISCJB Event type ke. Error ellipse: s-maj=25.6km s-min=13.1km az=109.6.
 CSEM Event type ke. Error ellipse: s-maj=16.8km s-min=11.6km az=52.0.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=1.8km s-min=2.1km az=-1.0.
 ISC II 16 23 00 37.5-1.2 27.69N-06 55.98E-06 2-9 3.4b,3.4s 16 0-53
 IDC II 16 23 00 32.4-2.6 27.19N 55.74E 0 3.7,3.7 119493804
 ISCJB II 16 23 00 35.8-1.2 27.74N-06 55.93E-06 4-9 3.4b,3.4s
 CSEM II 16 23 00 37.9 27.65N 56.04E 14 3.6L,3.4s
 THR II 16 23 00 37.9-63 27.65N 56.04E 14-5 3.6L,3.4s
 TEH II 16 23 00 38.1 27.51N 55.55E 18 3.6,3.4s
 IDC Error ellipse: s-maj=56.0km s-min=27.9km az=150.0.
 ISCJB Error ellipse: s-maj=10.1km s-min=9.0km az=153.5.
 CSEM After THR.
 THR Error ellipse: s-maj=2.2km s-min=2.5km az=-1.0.
 ISC II 18 01 14 03.2-84 27.36N-03 54.87E-03 2-6 3.9b 63 1-60
 OMAN II 18 01 14 00.2-10 27.68N 54.44E 43-9 3.9b 119494162
 IDC II 18 01 14 01.1-2.1 27.17N 55.00E 0 4.0b,4.0
 ISCJB II 18 01 14 02.1-81 27.36N-03 54.86E-04 5-6 3.9b,4.0
 CSEM II 18 01 14 03.5-07 27.36N 54.89E 16 3.8b,4.0
 THR II 18 01 14 04.4-42 27.37N 54.92E 18-3 3.5L,4.0
 NEIC II 18 01 14 04.4 27.37N 54.92E 18 3.8b,3.5
 TEH II 18 01 14 06.4 27.27N 55.39E 18 3.5,3.5
 ISC Event type ke.
 OMAN Error ellipse: s-maj=6.9km s-min=3.3km az=347.0.
 IDC Error ellipse: s-maj=44.8km s-min=21.0km az=140.0.
 ISCJB Event type ke. Error ellipse: s-maj=6.5km s-min=4.3km az=91.0.
 CSEM Event type ke. Error ellipse: s-maj=2.6km s-min=1.6km az=43.0.
 THR Error ellipse: s-maj=2.5km s-min=1.1km az=-1.0.
 NEIC Event type se. After THR.
 ISC II 18 16 06 41.8-57 27.27N-06 54.81E-06 10 15 1-10
 OMAN II 18 16 06 15.1-4.8 29.26N 54.07E 20-0 3.9b,3.9b 119571288
 ISCJB II 18 16 06 40.4-62 27.20N-07 54.69E-07 10 3.2L
 KISR II 18 16 06 40.6-96 27.51N 54.78E 24-999 3.2L
 THR II 18 16 06 41.3-30 27.24N 54.86E 15-0 3.2L
 CSEM II 18 16 06 42.4-16 27.30N 54.89E 20 3.2L
 ISC Event type ke.
 OMAN Error ellipse: s-maj=53.1km s-min=7.9km az=167.0.
 ISCJB Event type ke. Error ellipse: s-maj=11.8km s-min=5.3km az=75.2.
 KISR Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.
 THR Error ellipse: s-maj=6.1km s-min=2.0km az=-1.0.
 CSEM Event type ke. Error ellipse: s-maj=6.1km s-min=4.5km az=49.0.
 ISC II 19 06 20 48.6-1.1 28.27N-03 53.92E-05 15-8 3.7b 61 1-89
 OMAN II 19 06 20 20.6 30.24N 52.93E 20-0 3.7b 119494605
 IDC II 19 06 20 45.3-1.8 28.24N 54.04E 0 4.0,3.9
 NEIC II 19 06 20 46.1 28.17N 53.99E 14 4.0,3.9L
 THR II 19 06 20 46.1-80 28.17N 53.99E 14-7 3.9L,3.9L
 CSEM II 19 06 20 47.6-11 28.24N 53.92E 25 3.9L,3.9L
 ISCJB II 19 06 20 48.0-1.0 28.23N-03 53.91E-05 29-9 3.7b,3.9L
 TEH II 19 06 20 50.6 28.27N 53.84E 26 3.8,3.9L
 ISC Event type ke.
 OMAN Error ellipse: s-maj=354.3km s-min=24.3km az=341.0.
 IDC Error ellipse: s-maj=36.9km s-min=20.4km az=145.0.
 NEIC Event type se. After THR.
 THR Error ellipse: s-maj=5.1km s-min=3.2km az=-1.0.
 CSEM Event type ke. Error ellipse: s-maj=3.5km s-min=2.4km az=59.0.
 ISCJB Event type ke. Error ellipse: s-maj=8.4km s-min=4.9km az=125.3.
 ISC II 20 01 16 42.8-2.0 26.80N-10 55.89E-06 15-8 22 1-8
 ISCJB II 20 01 16 38.5-2.1 26.69N-09 55.91E-07 3-10 3.3L 119571560
 CSEM II 20 01 16 39.4 26.67N 56.09E 14 3.3L
 THR II 20 01 16 39.4-31 26.67N 56.09E 14-2 3.3L
 KISR II 20 01 16 44.4-61 26.89N 55.29E 7-999 3.5L
 ISCJB Error ellipse: s-maj=16.6km s-min=7.8km az=128.8.
 CSEM After THR.

TEH	VI	01 20 26 26.0	28.19N	58.29E	30	3.6			
THR	VI	01 20 26 26.5-39	28.04N	57.66E	17-3	3.7L			
KISR	VI	01 20 26 28.9-92	27.71N	57.03E	33-0	4.1L			
ISC	Event type ke.								
OMAN	Error ellipse: s-maj=411.8km s-min=31.8km az=0.0.								
ISCJB	Event type ke. Error ellipse: s-maj=9.8km s-min=5.5km az=135.2.								
CSEM	Event type ke. Error ellipse: s-maj=3.2km s-min=2.1km az=37.0.								
THR	Error ellipse: s-maj=2.9km s-min=1.9km az=1.0.								
KISR	Error ellipse: s-maj=48.3km s-min=13.3km az=1.0.								
ISC	VI	28 21 16 12.9-6.7	26.96N-08	55.7E-10	15-43	3.9b	16	5-63	
ISCJB	VI	28 21 16 10.2-65	26.90N-08	55.7E-10	10	3.9b		110699140	
IDC	VI	28 21 16 10.0-1.0	26.87N	55.71E	0	4.0b,4.0			
NEIC	VI	28 21 16 11.8-62	26.90N	55.71E	10	4.1b,4.0			
CSEM	VI	28 21 16 11.8	26.90N	55.71E	10	4.1b,4.0			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=18.2km s-min=8.2km az=120.8.								
IDC	Error ellipse: s-maj=27.7km s-min=19.5km az=104.0.								
NEIC	Event type se. Error ellipse: s-maj=16.3km s-min=11.7km az=66.0.								
CSEM	After NEIC.								
ISC	VI	28 21 19 31.0-1.0	26.93N-04	55.88E-07	27-9	3.7b	33	1-63	
IDC	VI	28 21 19 26.8-1.0	26.92N	55.75E	0	3.9L,3.8b		19222809	
ISCJB	VI	28 21 19 29.6-95	26.92N-04	55.78E-06	29-8	3.7b,3.8b			
CSEM	VI	28 21 19 30.1-12	26.99N	55.82E	34-1	3.5b,3.8b			
NEIC	VI	28 21 19 30.9	27.07N	55.68E	14	3.6L,3.5b			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=22.8km s-min=19.5km az=123.0.								
ISCJB	Event type ke. Error ellipse: s-maj=9.9km s-min=6.0km az=145.3.								
CSEM	Event type ke. Error ellipse: s-maj=3.4km s-min=3.0km az=12.0.								
NEIC	Event type se. After THR.								
ISC	VI	03 07 15 36.1-11	26.78N-02	55.88E-01	13	5.3b,4.6s	1025	1-134	
TEH	VI	03 07 15 25.6	26.93N	55.72E	18	5.2L,4.6s		110698752	
BJI	VI	03 07 15 28.4	26.79N	55.02E	12	5.3b,5.3b			
ISCJB	VI	03 07 15 34.1-11	26.78N-02	55.88E-01	13	5.3b,4.6s			
MOS	VI	03 07 15 34.5-1.1	26.83N	55.83E	15	5.5b,4.6s			
NEIC	VI	03 07 15 35.6-15	26.76N	55.84E	12	5.4b,5.1L			
HRVD	VI	03 07 15 35.6-20	26.72N	55.83E	12	5.2W,5.1L			
CRAAG	VI	03 07 15 36.0	26.82N	55.85E	15	5.4b,5.1L			
IDC	VI	03 07 15 36.0-1.6	26.84N	55.97E	14-10	5.1,5.1b			
THR	VI	03 07 15 36.6-69	26.91N	55.91E	14-8	5.1L,5.1b			
CSEM	VI	03 07 15 36.1	26.80N	55.84E	25	5.5b,5.1b			
OMAN	VI	03 07 15 40.4-4.9	26.55N	55.58E	30-0	5.5b,5.1b			
BGS	VI	03 07 15 50.0-1.3	28.19N	54.36E	12-0	5.2b,5.1b			
SZGRF	VI	03 07 15 53.1	27.59N	53.98E	33	4.7b,4.4s			
ISC	Event type de.								
ISCJB	Event type de. Error ellipse: s-maj=2.6km s-min=1.7km az=38.1.								
MOS	Error ellipse: s-maj=5.3km s-min=2.8km az=125.0.								
NEIC	Event type de. Error ellipse: s-maj=4.2km s-min=2.6km az=25.0. Two people killed and four injured on Qeshm. Some buildings damaged at Ramkan. Felt at Khamin.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s52.c72; Mantle waves: s81.c151; Half duration: 0 Moment tensor: Scale 1016 Nm; Mw: 6.92; M1: 11.000000; M2: 0.63; M3: 12.000000; M4: 0.57; M5: 34.000000; M6: 1.55; M7: 34.000000; Best double couple: NP1: 1.11100000; 845.000000; 112.000000; NP2: 260.000000; 849.000000; 1.69.000000; Principal axes: P: 6.3820,Plg74.0000; Azm102.0000; N: 0.2560,Plg16.0000; Azm274.0000; P: 6.6390,Plg2.0000; Azm5.0000; M6: 6.51100x1016								
IDC	Error ellipse: s-maj=9.5km s-min=8.2km az=16.0.								
THR	Error ellipse: s-maj=6.0km s-min=5.1km az=1.0.								
OMAN	Error ellipse: s-maj=5.0km s-min=3.0km az=335.0.								
BGS	Error ellipse: s-maj=267.9km s-min=247.5km az=-1.0.								
SZGRF	Southern Iran.								
ISC	VI	03 07 37 29.5-18	26.80N-02	55.86E-03	17	4.5b,3.9s	276	1-89	
BJI	VI	03 07 37 20.1	26.65N	54.98E	7	5.0b,4.8b		110698753	
MOS	VI	03 07 37 25.6-86	26.50N	55.92E	20	4.7b,4.8b			
CSEM	VI	03 07 37 25.5-15	26.56N	55.96E	19	4.7b,4.8b			
IDC	VI	03 07 37 26.9-91	26.80N	55.87E	0	4.5,4.4			
ISCJB	VI	03 07 37 27.6-20	26.82N-02	55.86E-03	16	4.5b,3.9s			
THR	VI	03 07 37 29.6-55	26.88N	55.92E	16-8	4.1L,3.9s			
OMAN	VI	03 07 37 29.7	26.75N	55.68E	19	4.1L,3.9s			
NEIC	VI	03 07 37 29.0	26.92N	55.94E	8	4.6b,4.1			
SZGRF	VI	03 07 37 33.7	27.82N	56.63E	33	4.3b,4.1			
TEH	VI	03 07 37 36.3	27.03N	55.57E	18	4.1,4.1			
ISC	Event type ke.								
MOS	Error ellipse: s-maj=8.2km s-min=4.4km az=117.1.								
CSEM	Event type ke. Error ellipse: s-maj=4.9km s-min=2.5km az=156.0.								
IDC	Error ellipse: s-maj=21.2km s-min=15.1km az=18.0.								
ISCJB	Event type ke. Error ellipse: s-maj=4.1km s-min=3.1km az=97.6.								
THR	Error ellipse: s-maj=12.4km s-min=4.7km az=-1.0.								
OMAN	Error ellipse: s-maj=25.5km s-min=7.1km az=38.0.								
NEIC	Event type se. After THR.								
SZGRF	Southern Iran.								
ISC	VI	03 08 22 21.8-1.6	27.0N-10	55.75E-06	10		19	1-8	
ISCJB	VI	03 08 22 19.2-1.6	27.0N-10	55.68E-05	10		11959746		
CSEM	VI	03 08 22 19.2-84	27.04N	55.68E	5	3.4L			
KISR	VI	03 08 22 20.1-1.2	26.73N	55.31E	8-999	3.7L			
THR	VI	03 08 22 20.0-40	26.95N	55.88E	10-2	3.4L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=17.9km s-min=5.2km az=147.9.								
CSEM	Event type ke. Error ellipse: s-maj=26.8km s-min=6.8km az=167.0.								
KISR	Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.								
THR	Error ellipse: s-maj=3.4km s-min=3.4km az=1.0.								
ISC	VI	28 22 23 15.4-1.9	26.98N-09	55.83E-05	2-9	3.7b	38	1-52	
IDC	VI	28 22 23 08.1-3.0	25.69N	56.49E	0	3.9b,3.9		192228210	
CSEM	VI	28 22 23 12.3-31	26.71N	55.83E	16	3.6L,3.9			
ISCJB	VI	28 22 23 13.3-1.8	26.94N-09	55.76E-05	5-9	3.7b,3.9			
NEIC	VI	28 22 23 15.5	27.00N	55.90E	14	3.6L,3.6b			
THR	VI	28 22 23 15.6-47	27.00N	55.90E	15-5	3.6L,3.6b			
KISR	VI	28 22 23 15.6-1.1	27.38N	55.73E	34-0	3.7L,3.6b			
TEH	VI	28 22 23 18.8	26.99N	55.97E	18	3.6,3.6b			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=77.2km s-min=31.9km az=155.0.								
CSEM	Event type ke. Error ellipse: s-maj=7.2km s-min=3.0km az=174.0.								
ISCJB	Event type ke. Error ellipse: s-maj=15.6km s-min=7.0km az=158.1.								
NEIC	Event type se. After THR.								
THR	Error ellipse: s-maj=6.3km s-min=2.0km az=1.0.								
KISR	Error ellipse: s-maj=77.9km s-min=29.9km az=1.0.								
ISC	VI	03 13 14 19.2-29	26.82N-03	55.90E-05	10	4.0b	132	1-62	
IDC	VI	03 13 14 16.6-88	26.75N	55.64E	0	4.0,4.0b		18855085	
ISCJB	VI	03 13 14 17.5-30	26.83N-03	55.87E-05	10	4.0b,4.0b			
CSEM	VI	03 13 14 17.3-10	26.71N	55.89E	18	4.1b,4.0b			
TEH	VI	03 13 14 18.6	26.41N	55.93E	34	4.0,4.0b			
NEIC	VI	03 13 14 18.6	26.41N	55.93E	34	4.0,4.0b			
THR	VI	03 13 14 18.0-48	26.81N	56.10E	11-3	3.8L,4.0b			
MOS	VI	03 13 14 19.0-1.7	26.54N	55.87E	33	4.4b,4.0b			
OMAN	VI	03 13 14 34.2	25.74N	56.44E	6-65	4.4b,4.0b			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=20.9km s-min=17.7km az=126.0.								
ISCJB	Event type ke. Error ellipse: s-maj=7.2km s-min=3.0km az=131.4.								
CSEM	Event type ke. Error ellipse: s-maj=3.4km s-min=2.4km az=60.0.								
NEIC	Event type se. After THR.								
THR	Error ellipse: s-maj=6.9km s-min=4.9km az=1.0.								
MOS	Error ellipse: s-maj=14.7km s-min=9.4km az=108.5.								
OMAN	Error ellipse: s-maj=48.8km s-min=17.7km az=267.0.								
ISC	IV	11 05 15 16.3-98	27.58N-03	55.76E-05	3-7	3.7b	49	0-90	
MOS	IV	11 05 15 13.9-1.9	26.85N	55.82E	33	3.9b		18645921	
IDC	IV	11 05 15 14.9-2.1	27.50N	55.62E	0	4.0,3.8b			
ISCJB	IV	11 05 15 15.7-95	27.54N-04	55.71E-06	11-7	3.7b,3.8b			
NEIC	IV	11 05 15 15.3-2.2	27.28N	55.70E	13-12	3.8b,3.5L			
CSEM	IV	11 05 15 18.9-10	27.53N	56.13E	30	3.8b,3.5L			
THR	IV	11 05 15 19.5-50	27.61N	56.06E	14-6	3.5L,3.5L			
TEH	IV	11 05 15 20.4	27.51N	55.45E	18	3.6,3.5L			
ISC	Event type ke.								

MOS	Error ellipse: s-maj=23.0km s-min=11.5km az=103.3.								
IDC	Error ellipse: s-maj=45.5km s-min=23.6km az=158.0.								
ISCJB	Event type ke. Error ellipse: s-maj=6.7km s-min=6.6km az=144.0.								
NEIC	Event type se. Error ellipse: s-maj=3.1km s-min=13.9km az=176.0.								
CSEM	Event type ke. Error ellipse: s-maj=3.3km s-min=2.7km az=96.0.								
THR	Error ellipse: s-maj=1.8km s-min=5.8km az=1.0.								
ISC	IV	13 01 28 11.7-91	27.60N-03	55.89E-06	14-7	3.6b	58	0-90	
IDC	IV	13 01 28 07.8-2.2	27.38N	55.78E	0	3.8,3.7b		18645977	
CSEM	IV	13 01 28 09.4-11	27.49N	55.84E	0	3.7L,3.7b			
ISCJB	IV	13 01 28 10.9-82	27.56N-04	55.83E-06	24-8	3.6b,3.7b			
THR	IV	13 01 28 10.9-35	27.58N	55.87E	14-4	3.7L,3.7b			
NEIC	IV	13 01 28 10.9	27.58N	55.87E	14	3.7L,3.7b			
MOS	IV	13 01 28 14.8-1.3	27.96N	55.73E	33	4.0b,3.7b			
TEH	IV	13 01 28 16.6	27.67N	55.60E	18	3.6,3.7b			
OMAN	IV	13 01 28 29.6	26.36N	56.70E	50	3.6,3.7b			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=48.2km s-min=23.2km az=158.0.								
CSEM	Event type ke. Error ellipse: s-maj=3.3km s-min=2.7km az=59.0.								
ISCJB	Event type ke. Error ellipse: s-maj=9.3km s-min=6.3km az=153.3.								
THR	Error ellipse: s-maj=1.2km s-min=2.4km az=-1.0.								
NEIC	Event type se. After THR.								
MOS	Error ellipse: s-maj=21.9km s-min=13.0km az=101.6.								
ISC	IV	24 17 23 09.6-34	27.75N-03	55.50E-04	10	3.9b	103	1-91	
BJI	IV	24 17 23 02.2	27.46N	54.55E	14	4.9b,4.7s		110698081	
IDC	IV	24 17 23 05.4-1.2	27.51N	55.36E	0	4.0,4.0			
MOS	IV	24 17 23 06.4-1.6	27.59N	55.56E	10	4.2b,4.0			
ISCJB	IV	24 17 23 08.1-34	27.79N-03	55.57E-04	10	3.9b,4.0			
THR	IV	24 17 23 09.3-64	27.73N	55.35E	14-6	4.0L,4.0			
NEIC	IV	24 17 23 10.1	27.73N	55.41E	14	4.0L,3.8b			
CSEM	IV	24 17 23 11.5-06	27.71N	55.49E	45	3.8b,3.8b			
TEH	IV	24 17 23 12.4	27.77N	55.52E	17	3.8,3.8b			
OMAN	IV	24 17 23 21.2	27.12N	55.97E	30-0	3.8,3.8b			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=27.5km s-min=19.2km az=174.0.								
MOS	Error ellipse: s-maj=16.8km s-min=9.2km az=97.0.								
ISCJB	Event type ke. Error ellipse: s-maj=5.6km s-min=3.9km az=116.8.								
THR	Error ellipse: s-maj=2.9km s-min=3.0km az=-1.0.								
NEIC	Event type se. After THR.								
CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=1.4km az=69.0.								
OMAN	Error ellipse: s-maj=879.2km s-min=35.7km az=342.0.								
ISC	IV	01 08 08 16.4-88	27.79N-09	57.04E-05	10	3.5b	38	1-90	
ISCJB	IV	01 08 08 12.0-83	27.42N-07	56.99E-05	10	3.5b		19593982	
CSEM	IV	01 08 08 11.8-70	27.41N	57.05E	12	3.6b			
KISR	IV	01 08 08 13.2-1.5	27.58N	56.75E	5-999	4.0L			
IDC	IV	01 08 08 13.8-2.4	27.67						

SOF	III	17 00 56 11.2	42.88N	23.46E	16	3.0			
NEIC	III	17 00 56 13.8	42.70N	23.50E	11	3.0			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=5.2km s-min=3.7km az=75.8.								
CSEM	Event type ke. Error ellipse: s-maj=4.6km s-min=2.6km az=96.0.								
NEIC	Event type se. After SOF.								
ISC	II	04 22 50 07.7-57	43.39N-03	27.68E-05	10	57	0-6		
ISCJB	II	04 22 50 06.8-60	43.35N-03	27.71E-05	10		19569850		
SOF	II	04 22 50 06.6	43.48N	27.52E	20	3.0			
NEIC	II	04 22 50 08.2-2.1	43.39N	27.77E	12-20	3.0			
SKO	II	04 22 50 11.8	43.46N	27.30E	0	3.0			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=5.7km s-min=3.6km az=66.5.								
NEIC	Event type se. Error ellipse: s-maj=15.5km s-min=10.3km az=107.0.								
ISC	V	10 09 31 06.2-50	42.43N-02	26.16E-02	4-4	3.5b	106	0-39	
IDC	V	10 09 31 05.9-1.4	42.42N	26.02E	0	3.4b,3.4	18338728		
ISCJB	V	10 09 31 05.5-48	42.45N-02	26.16E-02	8-4	3.5b,3.4			
SOF	V	10 09 31 05.7	42.46N	26.13E	7	3.3,3.4			
SKO	V	10 09 31 06.0	42.32N	26.23E	4	3.3,3.4			
NEIC	V	10 09 31 06.2	42.51N	26.19E	10	3.4L,3.4L			
CSEM	V	10 09 31 06.1-07	42.42N	26.20E	10	4.0L,3.4L			
THE	V	10 09 31 06.2	42.51N	26.19E	10	4.0L,3.4L			
MOS	V	10 09 31 08.4-1.1	42.42N	26.14E	33	3.5b,3.4L			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=28.1km s-min=14.2km az=89.0.								
ISCJB	Event type fe. Error ellipse: s-maj=3.4km s-min=3.0km az=57.8.								
NEIC	Event type fe. Felt at Nova Zagora and Sliven. After THE.								
CSEM	Event type ke. Error ellipse: s-maj=2.0km s-min=1.5km az=4.0.								
MOS	Error ellipse: s-maj=8.0km s-min=5.1km az=65.2.								
ISC	V	10 20 01 06.8-50	42.42N-02	26.15E-03	5-4	73	0-5		
ISCJB	V	10 20 01 05.9-47	42.40N-02	26.14E-03	4-4		19131180		
SOF	V	10 20 01 05.9	42.44N	26.15E	17	2.9			
NEIC	V	10 20 01 05.9	42.44N	26.15E	17	2.9			
CSEM	V	10 20 01 05.7-07	42.45N	26.25E	2	3.5L			
THE	V	10 20 01 07.2	42.42N	26.30E	19	3.5L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.7km s-min=3.3km az=12.9.								
NEIC	Event type se. After SOF.								
CSEM	Event type ke. Error ellipse: s-maj=1.8km s-min=1.4km az=52.0.								
ISC	I	20 23 09 26.7-43	42.67N-01	26.56E-02	2-3	3.7b	190	0-54	
CSEM	I	20 23 09 25.4-05	42.71N	26.67E	2	3.9b	18078953		
MOS	I	20 23 09 26.1-1.1	42.67N	26.57E	10	4.0b			
ISCJB	I	20 23 09 26.2-45	42.66N-02	26.57E-02	9-3	3.7b			
IDC	I	20 23 09 26.4-97	42.63N	26.53E	0	3.8,3.8			
NEIC	I	20 23 09 26.5	42.63N	26.55E	10	4.0L,3.9			
SOF	I	20 23 09 26.3	42.69N	26.52E	13	3.9,3.9			
THE	I	20 23 09 27.8	42.61N	26.67E	20	4.0L,3.9			
SKO	I	20 23 09 27.5	42.63N	26.51E	0	4.0L,3.9			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=1.6km s-min=1.3km az=19.0.								
MOS	Error ellipse: s-maj=6.8km s-min=4.7km az=73.0.								
ISCJB	Event type ke. Error ellipse: s-maj=2.6km s-min=2.4km az=112.8.								
IDC	Error ellipse: s-maj=19.1km s-min=11.3km az=83.0.								
NEIC	Event type se. After CSEM.								
ISC	I	21 15 00 54.9-1.3	42.77N-05	23.0E-10	7-9	21	0-4		
CSEM	I	21 15 00 51.7-18	42.88N	22.83E	2	2.6	19569063		
ISCJB	I	21 15 00 54.0-1.2	42.80N-05	23.0E-10	5-9	2.6			
SOF	I	21 15 00 54.4	42.74N	22.99E	12	2.6			
ATH	I	21 15 01 13.6	40.82N	23.93E	10	3.1			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=4.2km s-min=2.6km az=141.0.								
ISCJB	Event type ke. Error ellipse: s-maj=12.7km s-min=7.4km az=25.7.								
ISC	IV	27 12 38 15.6-40	42.61N-03	23.24E-04	10	66	0-4		
SKO	IV	27 12 38 12.7	42.75N	23.18E	0	19598089			
SOF	IV	27 12 38 14.4	42.57N	23.37E	2	2.9			
CSEM	IV	27 12 38 14.0-09	42.72N	23.39E	2	3.0			
NEIC	IV	27 12 38 14.4	42.57N	23.37E	2	3.0L,3.0			
THE	IV	27 12 38 15.5	42.71N	23.22E	12	3.6L,3.0			
ISCJB	IV	27 12 38 15.0-39	42.62N-02	23.29E-04	10	3.6L,3.0			
ISC	Event type fe.								
CSEM	Event type ke.								
NEIC	Event type fe. Felt at Sofia. After SOF.								
ISCJB	Event type fe.								

(360) Black Sea.

ISC	VI	29 18 21 05.8-42	42.26N-03	31.42E-04	35	57	1-8		
ISCJB	VI	29 18 21 04.2-42	42.31N-03	31.42E-04	33		18566868		
ISK	VI	29 18 21 04.1	42.26N	31.46E	30	3.2			
NEIC	VI	29 18 21 04.1	42.26N	31.46E	30	3.2,3.0L			
CSEM	VI	29 18 21 04.0-06	42.26N	31.46E	30	3.2,3.0L			
BUC	VI	29 18 21 07.5-3.7	42.71N	31.32E	5-0	3.8,3.0L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=5.3km s-min=3.2km az=103.2.								
NEIC	Event type se. After ISK.								
CSEM	Event type ke. Error ellipse: s-maj=1.8km s-min=1.2km az=35.0.								
BUC	Event type se. Error ellipse: s-maj=47.2km s-min=31.0km az=57.0.								
ISC	VI	03 01 37 09.3-1.3	43.3N-20	38.68E-04	10	17	1-4		
MOS	VI	03 01 37 07.3-2.1	43.26N	38.64E	10	3.9b	18855065		
CSEM	VI	03 01 37 07.3	43.26N	38.64E	10	3.9b			
ISCJB	VI	03 01 37 08.2-1.3	43.3N-10	38.67E-04	10	3.9b			
TIF	VI	03 01 37 09.6	43.80N	38.76E	10-2	3.9b			
MOS	Error ellipse: s-maj=21.0km s-min=15.5km az=175.7.								
CSEM	After OBN.								
ISCJB	Error ellipse: s-maj=21.0km s-min=4.5km az=4.7.								
ISC	V	19 23 01 56.3-82	42.62N-01	35.91E-02	11-5	4.5b	459	1-81	
PRU	V	19 23 01 50.6	41.92N	35.24E	0	4.6	10698528		
CSEM	V	19 23 01 53.2	42.63N	35.97E	2	4.5b			
ISCJB	V	19 23 01 54.3-13	42.62N-01	35.93E-02	10	4.5b			
IDC	V	19 23 01 54.7-53	42.61N	35.85E	0	4.4,4.4			
BJI	V	19 23 01 56.1	42.60N	35.90E	10	4.6b,4.4			
NEIC	V	19 23 01 56.2-22	42.65N	35.91E	10	4.6b,4.4			
ISK	V	19 23 01 57.3	42.56N	35.98E	38	4.5L,4.4			
MOS	V	19 23 01 57.2-1.5	42.63N	35.87E	33	4.7b,4.4			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=1.9km s-min=1.9km az=44.1.								
IDC	Error ellipse: s-maj=11.7km s-min=8.3km az=39.0.								
NEIC	Event type se. Error ellipse: s-maj=4.5km s-min=3.2km az=13.0.								
MOS	Error ellipse: s-maj=4.8km s-min=3.2km az=44.4.								

(361) Crimea region.

ISC	III	30 21 37 25.9-67	44.82N-04	36.95E-04	27-7	3.3b	57	0-71	
IDC	III	30 21 37 22.5-1.3	44.75N	36.91E	0	3.7L,3.6	10613950		
CSEM	III	30 21 37 23.4-10	44.75N	37.03E	24	4.0b,3.6			
NEIC	III	30 21 37 23.4-73	44.78N	36.99E	10	3.3b,3.6			
ISCJB	III	30 21 37 25.0-45	44.76N-05	37.00E-04	44-6	3.3b,3.6			
MOS	III	30 21 37 24.5-2.7	45.05N	36.93E	24	4.0b,3.6			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=19.0km s-min=13.4km az=8.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.8km s-min=2.1km az=14.0.								
NEIC	Event type se. Error ellipse: s-maj=11.8km s-min=9.0km az=106.0.								
ISCJB	Event type ke. Error ellipse: s-maj=7.7km s-min=5.1km az=4.3.								
MOS	Error ellipse: s-maj=10.0km s-min=8.2km az=127.8.								
ISC	II	07 22 58 40.1-1.2	44.57N-05	34.42E-06	24-10	3.2s,3.1b	34	0-71	
CSEM	II	07 22 58 36.5-1.9	44.54N	34.39E	0	3.6,3.4b	18319180		
IDC	II	07 22 58 37.9-18	44.55N	34.59E	20	3.4b,3.4b			
MOS	II	07 22 58 37.3-1.4	44.48N	34.35E	14	3.4b,3.4b			
ISCJB	II	07 22 58 38.9-00	44.52N-06	34.37E-06	29-9	3.2s,3.1b			
NEIC	II	07 22 58 38.0-90	44.53N	34.44E	10	3.2s,3.1b			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=21.6km s-min=16.5km az=81.0.								
CSEM	Event type ke. Error ellipse: s-maj=5.1km s-min=4.7km az=26.0.								

MOS	Error ellipse: s-maj=15.9km s-min=10.9km az=126.9.								
ISCJB	Event type ke. Error ellipse: s-maj=9.3km s-min=7.2km az=6.8.								
NEIC	Event type se. Error ellipse: s-maj=13.9km s-min=8.6km az=77.0.								
ISC	I	06 14 56 25.0-58	44.83N-05	36.78E-05	42-12	3.2b	34	0-31	
IDC	I	06 14 56 20.2-1.8	44.90N	36.90E	0	3.3b,3.3	18184983		
MOS	I	06 14 56 21.5-2.8	45.29N	36.81E	27	4.0b,3.3			
ISCJB	I	06 14 56 24.4-61	44.74N-05	36.79E-05	51-10	3.2b,3.3			
CSEM	I	06 14 56 24.4-32	44.76N	36.76E	30	4.0b,3.3			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=30.0km s-min=23.6km az=71.0.								
MOS	Error ellipse: s-maj=17.1km s-min=12.5km az=99.5.								
ISCJB	Event type ke. Error ellipse: s-maj=8.3km s-min=5.7km az=38.6.								
CSEM	Event type ke. Error ellipse: s-maj=8.5km s-min=7.1km az=12.0.								
(362) Western Caucasus.									
ISC	IV	16 06 23 11.1-47	42.57N-02	43.53E-03	8-4	54	0-12		
CSEM	IV	16 06 23 11.5-11	42.60N	43.54E	15	3.8b	18646086		
TIF	IV	16 06 23 11.8	42.60N	43.64E	29-2	3.8b			
ISCJB	IV	16 06 23 12.3-48	42.57N-02	43.58E-04	18-6	3.8b			
MOS	IV	16 06 23 13.1-77	42.72N	43.69E	9	3.8b			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=1.7km az=49.0.								
ISCJB	Event type ke. Error ellipse: s-maj=5.1km s-min=3.0km az=168.4.								
MOS	Error ellipse: s-maj=10.2km s-min=6.1km az=85.8.								
ISC	IV	16 05 00 23.9-29	42.61N-01	43.58E-03	10	68	0-7		
ISCJB	IV	16 05 00 22.9-30	42.64N-02	43.53E-03	10		18646084		
CSEM	IV	16 05 00 24.1-08	42.63N	43.58E	20	4.2b			
MOS	IV	16 05 00 24.9-43	42.68N	43.72E	10	4.2b			
TIF	IV	16 05 00 24.9	42.65N	43.71E	32-1	4.2b			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=2.9km s-min=2.2km az=7.6.								
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.3km az=75.0.								
MOS	Error ellipse: s-maj=10.4km s-min=5.7km az=83.8.								
MOS	IV	10 20 35 10.8-72	42.58N	43.47E	16	3.5b			
MOS	Error ellipse: s-maj=65.3km s-min=19.7km az=55.0.								
MOS	IV	10 22 37 55.7-1.3	43.75N	42.80E	24	3.7b			
MOS	Error ellipse: s-maj=17.6km s-min=9.2km az=120.8.								
ISC	IV	26 23 53 35.9-2.2	42.57N-09	43.5E-10	19-7	12	0-1		
ISCJB	IV	26 23 53 36.8-1.1	42.58N-08	43.58E-06	12-6		18628947		
MOS	IV	26 23 53 37.4-94	42.65N	43.53E	21	3.5b			
ISCJB	Error ellipse: s-maj=14.6km s-min=6.0km az=135.2.								
MOS	Error ellipse: s-maj=57.5km s-min=21.7km az=53.9.								
ISC	IV	28 05 58 33.7-80	42.59N-03	43.46E-05	9-6	32	0-2		
ISCJB	IV	28 05 58 33.1-76	42.59N-02	43.45E-05	2-5		18646685		
MOS	IV	28 05 58 33.6-1.7	42.62N	43.49E	22	3.7b			
TIF	IV	28 05 58 33.1	42.62N	43.48E	12-1	3.7b			

MOS	II	06 12 30 26.6-1.7	42.59N	43.22E	32	3.8b			
CSEM	II	06 12 30 27.7-1.6	42.53N	43.49E	2	3.8b			
TIF	II	06 12 30 27.5	42.52N	43.42E	10-2	3.8b			
ISCJB	II	06 12 30 28.1-.45	42.56N-.03	43.48E-.03	7-4	3.8b			
ISC	Event type ke.								
CSEM	Event type ke.								
ISCJB	Event type ke.								
ISC	II	06 13 23 33.5-35	42.57N-.02	43.42E-.03	8-4		55	0-3	
TIF	II	06 13 23 32.8	42.53N	43.42E	12-3				
ISCJB	II	06 13 23 32.2-33	42.62N-.02	43.43E-.03	12				
CSEM	II	06 13 23 33.5-10	42.56N	43.41E	2	4.2b			
MOS	II	06 13 23 36.5-1.9	42.69N	43.72E	19	4.2b			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=2.9km s-min=2.4km az=158.3.								
CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=1.6km az=105.0.								
MOS	Error ellipse: s-maj=11.6km s-min=7.2km az=91.4.								
MOS	II	06 14 48 35.9-.88	42.47N	43.33E	17	3.6b			
MOS	Error ellipse: s-maj=74.8km s-min=19.4km az=58.2.								
ISC	II	06 18 06 45.7-.52	42.59N-.04	43.47E-.05	12-4		22	0-2	
MOS	II	06 18 06 34.2-7.3	42.06N	42.83E	18	3.5b			
ISCJB	II	06 18 06 45.8-5.3	42.61N-.04	43.49E-.05	9-4	3.5b			
TIF	II	06 18 06 45.3	42.55N	43.45E	10-1	3.5b			
MOS	Error ellipse: s-maj=99.9km s-min=14.5km az=57.4.								
ISCJB	Error ellipse: s-maj=6.3km s-min=5.6km az=58.8.								
ISC	II	06 19 15 14.3-.49	42.60N-.03	43.50E-.04	10-5		24	0-1	
MOS	II	06 19 15 10.2-.53	42.45N	43.29E	18	3.5b			
TIF	II	06 19 15 13.8	42.54N	43.44E	10-1	3.5b			
ISCJB	II	06 19 15 14.3-.50	42.61N-.03	43.50E-.04	9-3	3.5b			
ISC	II	07 01 53 03.0-.40	42.56N-.02	43.47E-.03	9-4		44	0-2	
ISCJB	II	07 01 53 02.7-.42	42.58N-.02	43.48E-.03	7-4				
TIF	II	07 01 53 02.2	42.56N	43.48E	12-1				
MOS	II	07 01 53 04.5-1.4	42.62N	43.66E	19	3.5b			
CSEM	II	07 01 53 04.5	42.62N	43.66E	19	3.5b			
ISCJB	Error ellipse: s-maj=4.1km s-min=3.3km az=118.3.								
MOS	Error ellipse: s-maj=16.1km s-min=7.7km az=85.5.								
CSEM	After OBN.								
MOS	II	07 05 17 45.5-.63	42.10N	42.93E	20	3.5b			
MOS	Error ellipse: s-maj=66.3km s-min=9.7km az=58.0.								
MOS	II	07 06 13 27.8-.71	42.38N	43.19E	16	3.5b			
MOS	Error ellipse: s-maj=55.6km s-min=10.8km az=54.9.								
ISC	II	07 08 26 33.8-.31	42.60N-.02	43.55E-.02	3-3	3.3b	97	0-47	
NEIC	II	07 08 26 32.1	42.66N	43.15E	5	3.7,3.5b			
TIF	II	07 08 26 32.8	42.57N	43.52E	13-1	3.7,3.5b			
ISCJB	II	07 08 26 33.4-.33	42.64N-.02	43.55E-.02	11-3	3.3b,3.5b			
CSEM	II	07 08 26 34.6-1.3	42.66N	43.60E	22-1	4.3b,3.5b			
IDC	II	07 08 26 34.7-1.3	42.62N	43.57E	0	3.5,3.5			
MOS	II	07 08 26 35.3-1.3	42.65N	43.62E	30	4.3b,3.5			
NNC	II	07 08 26 48.5-8.5	40.65N	47.60E	48-64	3.3b,3.5			
ISC	Event type ke.								
NEIC	Event type se. After ISK.								
ISCJB	Event type ke. Error ellipse: s-maj=3.0km s-min=2.8km az=171.8.								
CSEM	Event type ke. Error ellipse: s-maj=2.8km s-min=2.4km az=4.0.								
IDC	Error ellipse: s-maj=23.0km s-min=13.5km az=99.0.								
MOS	Error ellipse: s-maj=9.8km s-min=5.9km az=77.8.								
NNC	Error ellipse: s-maj=94.3km s-min=57.7km az=82.0.								
ISC	II	07 09 18 56.6-.31	42.55N-.02	43.50E-.03	8-3		58	0-4	
TIF	II	07 09 18 55.9	42.55N	43.50E	14-1				
ISCJB	II	07 09 18 56.5-.28	42.59N-.01	43.51E-.02	14				
CSEM	II	07 09 18 56.6-1.3	42.54N	43.50E	2	4.1b			
MOS	II	07 09 18 57.4-1.1	42.59N	43.62E	16	4.1b			
NEIC	II	07 09 19 00.8	42.53N	42.54E	35	3.4			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=2.6km s-min=2.1km az=45.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.3km s-min=1.9km az=86.0.								
MOS	Error ellipse: s-maj=11.3km s-min=6.0km az=77.2.								
NEIC	Event type se. After ISK.								
TIF	II	07 10 15 45.1	42.49N	43.52E	9-3				
MOS	II	07 10 15 44.3-.45	42.49N	43.45E	8	3.5b			
MOS	Error ellipse: s-maj=46.0km s-min=11.2km az=61.6.								
ISC	II	07 16 05 00.7-.43	42.62N-.03	43.45E-.04	12-4		28	0-3	
TIF	II	07 16 04 59.6	42.56N	43.43E	13-0				
ISCJB	II	07 16 05 00.2-.45	42.61N-.03	43.45E-.04	8-4				
MOS	II	07 16 05 00.2-.64	42.58N	43.48E	10	3.8b			
ISCJB	Error ellipse: s-maj=5.1km s-min=4.4km az=84.4.								
MOS	Error ellipse: s-maj=28.0km s-min=8.5km az=56.8.								
ISC	II	09 15 15 46.5-.59	42.56N-.03	43.45E-.04	8-4		33	0-3	
ISCJB	II	09 15 15 45.7-.67	42.57N-.03	43.43E-.04	2-4				
TIF	II	09 15 15 45.0	42.54N	43.44E	14-2				
MOS	II	09 15 15 49.7-2.6	42.67N	43.76E	20	4.1b			
ISCJB	Error ellipse: s-maj=5.0km s-min=4.8km az=57.4.								
MOS	Error ellipse: s-maj=16.8km s-min=8.0km az=71.3.								
TIF	II	10 00 49 54.4	42.59N	43.42E	15-1				
MOS	II	10 00 49 56.0-1.2	42.68N	43.45E	23	3.5b			
MOS	Error ellipse: s-maj=22.9km s-min=11.6km az=54.2.								
ISC	II	11 20 50 21.7-.50	42.55N-.03	43.41E-.05	6-5		26	0-3	
ISCJB	II	11 20 50 21.4-.62	42.60N-.04	43.41E-.05	8-5				
TIF	II	11 20 50 21.0	42.55N	43.43E	13-1				
MOS	II	11 20 50 23.8-1.5	42.60N	43.63E	16	4.0b			
ISCJB	Error ellipse: s-maj=7.4km s-min=4.7km az=103.5.								
MOS	Error ellipse: s-maj=17.6km s-min=8.0km az=68.2.								
MOS	II	15 13 06 37.5-1.2	44.01N	44.00E	13	4.4b			
MOS	Error ellipse: s-maj=31.0km s-min=7.4km az=101.6.								
ISC	II	18 01 01 36.7-.38	42.97N-.02	44.65E-.03	10		46	0-2	
TIF	II	18 01 01 35.6	42.95N	44.64E	6-1				
ISCJB	II	18 01 01 36.4-.38	42.98N-.02	44.65E-.03	10				
CSEM	II	18 01 01 36.0-1.7	43.07N	44.54E	32	4.0b			
MOS	II	18 01 01 36.0-.93	43.07N	44.54E	32	4.0b			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.5km s-min=2.9km az=82.4.								
CSEM	Event type ke. Error ellipse: s-maj=3.6km s-min=3.1km az=2.0. After OBN.								
MOS	Error ellipse: s-maj=18.8km s-min=14.6km az=130.5.								
ISC	II	22 19 01 36.1-.81	42.59N-.02	43.33E-.06	8-5		38	0-2	
ISCJB	II	22 19 01 35.9-.76	42.62N-.02	43.35E-.06	10				
CSEM	II	22 19 01 35.1-31	42.57N	43.41E	15	3.8b			
MOS	II	22 19 01 35.9-.89	42.57N	43.41E	15	3.8b			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=6.2km s-min=2.7km az=24.0.								
CSEM	Event type ke. Error ellipse: s-maj=5.0km s-min=2.8km az=81.0. After OBN.								
MOS	Error ellipse: s-maj=20.8km s-min=8.7km az=56.4.								
ISC	II	23 01 24 54.7-.39	42.58N-.02	43.46E-.03	10-4		46	0-2	
ISCJB	II	23 01 24 54.3-.40	42.60N-.02	43.47E-.03	6-3				
CSEM	II	23 01 24 55.1-1.5	42.64N	43.63E	9	3.6b			
MOS	II	23 01 24 55.7-.64	42.64N	43.63E	9	3.6b			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.7km s-min=3.2km az=176.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.5km s-min=1.7km az=42.0. After OBN.								
MOS	Error ellipse: s-maj=12.8km s-min=6.9km az=73.1.								
ISC	II	24 07 57 49.4-.32	42.55N-.02	43.47E-.02	9-3	3.6b	82	0-28	
ISCJB	II	24 07 57 48.8-.47	42.59N-.02	43.46E-.03	11-5	3.6b			
CSEM	II	24 07 57 49.5-1.2	42.55N	43.50E	20	4.1b			
MOS	II	24 07 57 50.5-1.9	42.57N	43.62E	11	4.1b			
NNC	II	24 07 57 55.0-2.5	42.84N	44.31E	0	3.4b			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.9km s-min=3.1km az=47.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.2km s-min=2.0km az=127.0.								
MOS	Error ellipse: s-maj=10.8km s-min=5.8km az=81.2.								
NNC	Error ellipse: s-maj=92.3km s-min=22.3km az=141.0.								

MOS	II	24 10 11 02.9-.74	42.67N	43.65E	7	3.7b			
CSEM	II	24 10 11 02.1-20	42.67N	43.65E	7	3.7b			
MOS	Error ellipse: s-maj=15.1km s-min=8.1km az=82.0.								
CSEM	Event type ke. Error ellipse: s-maj=5.2km s-min=3.0km az=160.0. After OBN.								
MOS	II	24 16 43 49.3-.74	42.67N	43.62E	8	3.7b			
MOS	Error ellipse: s-maj=14.0km s-min=7.3km az=70.4.								
ISC	II	27 09 46 50.1-.46	42.58N-.02	43.43E-.03	6-4		32	0-2	
ISCJB	II	27 09 46 49.8-48	42.61N-.02	43.42E-.04	8-4				
MOS	II	27 09 46 49.3-99	42.57N	43.46E	8	3.7b			
ISCJB	Error ellipse: s-maj=4.6km s-min=3.5km az=115.5.								
MOS	Error ellipse: s-maj=19.6km s-min=8.8km az=77.6.								
ISC	V	24 03 17 21.7-.32	41.07N-.02	44.13E-.03	10		69	0-6	
TIF	V	24 03 17 19.8	41.08N	44.11E	11-1				
ISCJB	V	24 03 17 21.2-.29	41.06N-.02	44.12E-.03	10				
CSEM	V	24 03 17 21.6-.06	40.93N	44.03E	5	3.5L			
MOS	V	24 03 17 21.4-.64	41.02N	44.14E	18	4.7b			
NSSP	V	24 03 17 22.1	41.10N	44.20E	15	3.5L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.2km s-min=2.3km az=36.4.								
CSEM	Event type ke. Error ellipse: s-maj=2.2km s-min=1.2km az=88.0.								
MOS	Error ellipse: s-maj=21.3km s-min=5.7km az=93.3.								
MOS	V	26 10 52 24.8-1.2	43.80N	43.08E	14	3.7b			
TIF	V	26 10 52 25.0	43.79N	43.15E	15-2	3.7b			
MOS	Error ellipse: s-maj=17.3km s-min=8.7km az=134.2.								
MOS	V	20 22 01 24.5-.74	42.59N	43.47E	23	3.5b			
MOS	Error ellipse: s-maj=59.1km s-min=16.2km az=54.3.								
MOS	V	20 21 59 47.0-1.4	42.66N	43.71E	22	3.7b			
MOS	Error ellipse: s-maj=16.4km s-min=9.6km az=85.2.								
MOS	V	21 07 03 09.4-2.2	43.40N	43.03E	20	3.8b			
TIF	V	21 07 03 08.6	43.76N	43.06E	18-2	3.8b			
MOS	Error ellipse: s-maj=22.9km s-min=12.6km az=22.2.								
MOS	V	13 10 42 13.7-.78	44.10N	42.09E	5	3.5b			
MOS	Error ellipse: s-maj=85.5km s-min=19.5km az=27.8.								
MOS	V	13 14 53 28.8-.92	43.20N	43.50E	28	3.5b			
MOS	Error ellipse: s-maj=49.9km s-min=27.9km az=26.8.								
ISC	V	27 04 32 41.0-.53	42.57N-.02	43.42E-.04	5-7		37	0-2	
ISCJB	V	27 04 32 40.6-.51	42.59N-.02	43.43E-.04	10				
TIF	V	27 04 32 40.7	42.57N	43.47E	17-1				
CSEM	V	27 04 32 42.7	42.63N	43.63E	18	3.9b			
MOS	V	27 04 32 42.7-1.1	42.63N	43.63E	18	3.9b			
ISCJB	Error ellipse: s-maj=4.3km s-min=2.7km az=11.0.								
CSEM	After OBN.								
MOS	Error ellipse: s-maj=13.0km s-min=7.3km az=81.4.								
ISC	V	03 00 23 04.9-.79	43.30N-.04	43.60E-.06	10		18	0-2	
TIF	V	03 00 23 02.5	43.34N	43.47E	18-2				
ISCJB	V	03 00 23 04.2-.79	43.31N-.04	43.60E-.07	10				
MOS	V	03 00 23 05.1-1.4	43.11N	43.70E	29	3.6b			
ISCJB	Error ellipse: s-maj=7.9km s-min=4.9km az=62.7.								
MOS	Error ellipse								

MOS	Error ellipse: s-maj=73.4km s-min=21.1km az=55.7.				
ISC	V 30 15 33 20.3-37	42.43N-02	43.76E-03	4-4	
TIF	V 30 15 33 19.0	42.43N	43.75E	13-1	
ISCJB	V 30 15 33 19.8-42	42.44N-02	43.77E-03	5-4	
CSEM	V 30 15 33 19.3-09	42.41N	43.71E	0	3.9b
MOS	V 30 15 33 21.5-1.1	42.50N	44.05E	15	3.9b
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=4.0km s-min=3.3km az=2.8.				
CSEM	Event type ke. Error ellipse: s-maj=3.2km s-min=1.4km az=120.0.				
MOS	Error ellipse: s-maj=19.8km s-min=7.4km az=89.1.				
MOS	V 20 21 49 20.7-1.5	42.63N	43.49E	28	3.6b
MOS	Error ellipse: s-maj=27.4km s-min=13.4km az=56.2.				
MOS	VI 20 12 03 28.7-1.4	43.15N	44.24E	12	3.5b
MOS	Error ellipse: s-maj=24.0km s-min=12.9km az=66.6.				
MOS	VI 26 18 20 29.5-7.4	42.64N	43.51E	11	3.5b
MOS	Error ellipse: s-maj=41.2km s-min=14.9km az=49.8.				
MOS	VI 29 05 35 05.9-2.4	42.92N	44.54E	15	3.8b
TIF	VI 29 05 35 08.0	43.03N	44.20E	2-1	3.8b
MOS	Error ellipse: s-maj=16.8km s-min=8.4km az=123.4.				
MOS	VI 21 19 33 57.6-21	42.68N	44.38E	4	3.5b
MOS	Error ellipse: s-maj=23.5km s-min=10.9km az=91.1.				
MOS	VI 20 23 31 26.5-1.5	44.06N	42.73E	12	3.5b
MOS	Error ellipse: s-maj=57.8km s-min=31.3km az=100.1.				
MOS	VI 20 12 04 35.7-1.4	43.19N	44.30E	9	3.5b
MOS	Error ellipse: s-maj=23.1km s-min=12.5km az=68.4.				
MOS	VI 19 17 22 22.1-57	43.70N	44.59E	16	4.0b
MOS	Error ellipse: s-maj=12.7km s-min=7.8km az=74.5.				
MOS	VI 15 18 10 30.9-1.3	42.39N	44.70E	6	3.5b
CSEM	VI 15 18 10 30.9	42.39N	44.70E	6	3.5b
TIF	VI 15 18 10 31.2	42.37N	44.87E	15-3	3.5b
MOS	Error ellipse: s-maj=26.6km s-min=8.4km az=106.5.				
CSEM	Error ellipse: s-maj=26.6km s-min=8.4km az=165.0. After OBN.				
ISC	IV 29 12 06 56.3-5.4	43.37N-02	44.61E-04	6-4	
ISCJB	IV 29 12 06 55.9-5.1	43.37N-02	44.63E-04	10	
MOS	IV 29 12 06 55.8-1.2	43.35N	44.55E	13	4.2b
TIF	IV 29 12 06 55.3	43.37N	44.69E	17-1	4.2b
CSEM	IV 29 12 06 55.8	43.35N	44.55E	13	4.2b
ISCJB	Error ellipse: s-maj=4.2km s-min=2.8km az=145.6.				
MOS	Error ellipse: s-maj=2.5km s-min=0.0km az=95.0.				
CSEM	After OBN.				

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ISC	IV 22 09 17 51.3-52	41.53N-04	24.25E-04	18-7	
ISCJB	IV 22 09 17 50.6-52	41.54N-04	24.26E-04	10-8	
CSEM	IV 22 09 17 51.3-14	41.58N	24.26E	2	1.9L
ATH	IV 22 09 17 51.8	41.55N	24.24E	12	3.0
THE	IV 22 09 17 52.5	41.52N	24.23E	4	1.9L
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=6.2km s-min=4.5km az=169.3.				
CSEM	Event type ke. Error ellipse: s-maj=3.6km s-min=1.9km az=165.0.				
ISC	IV 29 00 28 04.9-35	41.70N-02	25.49E-03	5	
SOF	IV 29 00 28 03.9	41.68N	25.46E	15	2.7
NEIC	IV 29 00 28 03.9	41.68N	25.46E	15	2.7L,2.7
ISCJB	IV 29 00 28 04.2-38	41.70N-02	25.54E-03	5	2.7L,2.7
CSEM	IV 29 00 28 04.2-09	41.77N	25.47E	5	2.7,2.7
SKO	IV 29 00 28 05.8	41.77N	25.42E	4	2.7,2.7
ATH	IV 29 00 28 06.4	41.60N	25.36E	5-2	3.4,2.7
THE	IV 29 00 28 06.7	41.62N	25.72E	22	3.3L,2.7
ISC	Event type ke.				
NEIC	Event type se. After SOF.				
ISCJB	Event type ke. Error ellipse: s-maj=4.0km s-min=3.0km az=83.8.				
CSEM	Event type ke. Error ellipse: s-maj=2.3km s-min=1.9km az=173.0.				
ATH	Error ellipse: s-maj=1.7km s-min=1.1km az=1.0.				
ISC	IV 29 05 38 38.0-70	41.93N-03	23.18E-06	10	
ISCJB	IV 29 05 38 37.4-69	41.93N-03	23.17E-06	10	
CSEM	IV 29 05 38 37.6-09	41.97N	23.18E	10	2.8L
SKO	IV 29 05 38 37.3	41.93N	23.16E	24	2.8L
THE	IV 29 05 38 38.1	41.93N	23.16E	2	2.8L
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=6.6km s-min=4.2km az=178.6.				
CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=1.4km az=91.0.				
ISC	III 08 23 55 02.2-1.3	41.59N-07	24.11E-06	10-8	
ISCJB	III 08 23 55 01.6-1.3	41.59N-07	24.09E-06	8-7	
ATH	III 08 23 55 01.3	41.61N	24.10E	20-4	3.0
CSEM	III 08 23 55 02.9-20	41.58N	24.12E	2	2.6L
NEIC	III 08 23 55 04.2	41.51N	24.06E	4	3.0
THE	III 08 23 55 04.2	41.51N	24.06E	4	2.6L
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=11.6km s-min=7.0km az=165.4.				
ATH	Error ellipse: s-maj=6.7km s-min=2.9km az=1.0.				
CSEM	Event type ke. Error ellipse: s-maj=4.3km s-min=1.9km az=174.0.				
NEIC	Event type se. After ATH.				
ISC	III 19 18 30 31.6-39	41.71N-02	25.47E-02	2-5	
SOF	III 19 18 30 30.1	41.67N	25.48E	20	2.8
ISCJB	III 19 18 30 30.7-35	41.71N-03	25.44E-03	12	2.8
CSEM	III 19 18 30 31.5-08	41.74N	25.49E	12	2.8
ATH	III 19 18 30 32.4	41.64N	25.47E	5	3.5
NEIC	III 19 18 30 32.4	41.64N	25.47E	5	3.5
THE	III 19 18 30 33.2	41.67N	25.61E	15	3.3L
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=3.6km s-min=2.7km az=11.3.				
CSEM	Event type ke. Error ellipse: s-maj=2.2km s-min=1.6km az=3.0.				
ATH	Error ellipse: s-maj=5.1km s-min=3.3km az=1.0.				
NEIC	Event type se. After ATH.				
ISC	III 14 08 26 06.2-36	41.72N-03	25.43E-03	10	
CSEM	III 14 08 26 05.8-06	41.73N	25.48E	5	2.8
SOF	III 14 08 26 05.1	41.69N	25.45E	14	2.8
ISCJB	III 14 08 26 05.6-36	41.72N-03	25.43E-03	10	2.8
ATH	III 14 08 26 06.9	41.61N	25.36E	5-3	3.5
NEIC	III 14 08 26 06.9	41.61N	25.36E	5	3.5
THE	III 14 08 26 09.1	41.63N	25.60E	21	3.3L
ISC	Event type ke.				
CSEM	Event type ke. Error ellipse: s-maj=1.5km s-min=1.1km az=13.0.				
ISCJB	Event type fe. Error ellipse: s-maj=3.2km s-min=3.2km az=41.8.				
ATH	Error ellipse: s-maj=2.0km s-min=1.2km az=1.0.				
NEIC	Event type fe. Felt at Kurdzhali. After ATH.				
ISC	III 14 08 39 04.8-25	41.68N-02	25.43E-02	10	
SOF	III 14 08 39 03.9	41.72N	25.45E	10	3.3
CSEM	III 14 08 39 04.2-05	41.70N	25.49E	12	3.3
ISCJB	III 14 08 39 04.0-25	41.69N-02	25.42E-02	10	3.3
ATH	III 14 08 39 06.6	41.52N	25.32E	25-0	3.7
NEIC	III 14 08 39 06.6	41.52N	25.32E	25	3.7
THE	III 14 08 39 07.3	41.65N	25.59E	24	3.8L
ISC	Event type fe.				
CSEM	Event type ke. Error ellipse: s-maj=1.3km s-min=1.1km az=29.0.				
ISCJB	Event type fe. Error ellipse: s-maj=3.2km s-min=2.4km az=19.9.				
ATH	Error ellipse: s-maj=2.4km s-min=1.2km az=1.0.				
NEIC	Event type fe. Felt at Kurdzhali. After ATH.				
ISC	III 26 00 27 21.0-75	41.65N-04	25.51E-05	10	
ISCJB	III 26 00 27 20.3-76	41.66N-04	25.56E-05	10	
ATH	III 26 00 27 20.4	41.64N	25.42E	22-1	3.3
CSEM	III 26 00 27 21.4-30	41.73N	25.63E	20	2.6L
THE	III 26 00 27 23.2	41.65N	25.66E	21	2.6L
ISC	Event type ke.				

ISCJB	Event type ke. Error ellipse: s-maj=6.4km s-min=4.8km az=72.1.				
ATH	Error ellipse: s-maj=2.1km s-min=1.2km az=1.0.				
CSEM	Event type ke. Error ellipse: s-maj=7.0km s-min=6.8km az=152.0.				
ISC	III 28 01 51 34.6-67	41.09N-04	24.90E-03	14-6	
ISCJB	III 28 01 51 34.0-69	41.08N-04	24.88E-03	6-6	26
NEIC	III 28 01 51 33.5	41.35N	25.04E	43	3.3
CSEM	III 28 01 51 34.8-30	41.12N	24.90E	15	3.3
ATH	III 28 01 51 34.8	41.12N	24.93E	21-2	3.3
THE	III 28 01 51 35.8	41.05N	24.88E	8	2.9L
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=7.1km s-min=3.9km az=10.3.				
NEIC	Event type se. After ATH.				
CSEM	Event type ke. Error ellipse: s-maj=7.4km s-min=4.0km az=8.0.				
ATH	Error ellipse: s-maj=1.7km s-min=0.7km az=1.0.				
ISC	VI 17 12 38 56.5-37	41.18N-02	23.04E-03	10-5	
ATH	VI 17 12 38 49.7	41.38N	22.54E	17-0	3.3
SKO	VI 17 12 38 54.8	41.11N	23.08E	3	3.3
ISCJB	VI 17 12 38 55.7-37	41.19N-02	23.03E-04	10-5	3.3
CSEM	VI 17 12 38 55.5-13	41.24N	23.05E	2	3.3
NEIC	VI 17 12 38 56.2-1.7	41.16N	23.04E	15	3.3,2.9
SOF	VI 17 12 38 56.6	41.22N	23.06E	15	2.9,2.9
THE	VI 17 12 38 56.6	41.18N	23.03E	10	3.0L,2.9
ISC	Event type ke.				
ATH	Error ellipse: s-maj=1.3km s-min=2.4km az=1.0.				
ISCJB	Event type ke. Error ellipse: s-maj=4.8km s-min=3.5km az=132.7.				
CSEM	Event type ke. Error ellipse: s-maj=4.0km s-min=2.4km az=27.0.				
NEIC	Event type se. Error ellipse: s-maj=21.9km s-min=11.0km az=79.0.				
ISC	VI 18 07 31 07.3-50	41.51N-03	23.73E-04	13-4	
NEIC	VI 18 07 31 07.2-66	41.49N	23.70E	11-10	3.1,2.8
SOF	VI 18 07 31 07.4	41.53N	23.72E	15	2.8,2.8
ISCJB	VI 18 07 31 07.0-50	41.51N-03	23.71E-04	10-5	2.8,2.8
CSEM	VI 18 07 31 07.2-13	41.55N	23.68E	2	3.1,2.8
SKO	VI 18 07 31 08.8	41.49N	23.62E	4	3.1,2.8
ATH	VI 18 07 31 08.9	41.45N	23.81E	13-1	3.1,2.8
THE	VI 18 07 31 08.6	41.46N	23.72E	13	2.9L,2.8
ISC	Event type ke.				
NEIC	Event type se. Error ellipse: s-maj=10.7km s-min=6.2km az=54.0.				
ISCJB	Event type ke. Error ellipse: s-maj=4.9km s-min=4.5km az=129.9.				
CSEM	Event type ke. Error ellipse: s-maj=4.4km s-min=2.3km az=55.0.				
ATH	Error ellipse: s-maj=3.2km s-min=2.1km az=1.0.				
ISC	VI 02 07 20 25.3-55	41.93N-03	23.15E-05	18-6	
THE	VI 02 07 20 25.5	41.94N	23.07E	13	3.1L
CSEM	VI 02 07 20 25.4-17	41.95N	23.09E	20	3.0
SOF	VI 02 07 20 25.5	41.98N	23.23E	8	3.0
SKO	VI 02 07 20 25.4	41.93N	23.10E	15	3.0
ISCJB	VI 02 07 20 26.1-54	41.93N-03	23.13E-05	18-8	3.0
ATH	VI 02 07 20 28.3	41.76N	23.18E	27	3.2
ISC	Event type ke.				
CSEM	Event type ke. Error ellipse: s-maj=4.9km s-min=3.3km az=164.0.				
ISCJB	Event type ke. Error ellipse: s-maj=6.6km s-min=5.1km az=43.6.				
ISC	VI 21 08 30 15.9-54	41.53N-03	23.68E-04	11-6	
ISCJB	VI 21 08 30 15.3-53	41.53N-03	23.67E-04	10-6	
CSEM	VI 21 08 30 15.4-31	41.52N	23.73E	1-2	2.9
NEIC	VI 21 08 30 15.6	41.47N	23.69E	3	3.2L,2.9
SOF	VI 21 08 30 15.6	41.47N	23.69E	3	2.9,2.9
THE	VI 21 08 30 15.9	41.50N	23.72E	6	3.0L,2.9
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=5.9km s-min=4.8km az=89.3.				
CSEM	Event type ke. Error ellipse: s-maj=7.5km s-min=3.3km az=176.0.				
NEIC	Event type se. After SOF.				
ISC	III 14 08 06 49.2-32	41.67N-02	25.43E-03	10	
SOF	III 14 08 06 47.8	41.70N	25.45E	12	3.4
SKO	III 14 08 06 47.0	41.48N	25.69E	0	3.4
CSEM	III 14 08 06 48.5-10	41.73N	25.40E	8	3.4
ISCJB	III 14 08 06 48.6-31	41.69N-02	25.38E-03	10	3.4
THE	III 14 08 06 51.2	41.64N	25.57E	21	4.0L
ATH	III 14 08 06 52.6	41.33N			

ISCJB	IV	30 23 22 32.4-49	40.43N-02	23.65E-03	2-5	2.9			
ATH	IV	30 23 22 32.3	40.48N	23.67E	19-2	3.2			
CSEM	IV	30 23 22 33.0-12	40.45N	23.70E	12	3.1L			
THE	IV	30 23 22 33.3	40.43N	23.61E	10	3.1L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.2km s-min=3.5km az=170.2.								
ATH	Error ellipse: s-maj=3.7km s-min=1.2km az=1.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=1.9km az=79.0.								
ISC	IV	25 02 34 14.0-69	38.66N-04	21.69E-04	11-4		25	0-3	
ATH	IV	26 02 34 12.6	38.78N	21.59E	35-2	3.1			19598002
ISCJB	IV	26 02 34 13.5-67	38.67N-04	21.67E-04	12-4	3.1			
CSEM	IV	26 02 34 13.3-14	38.60N	21.69E	2	2.7L			
THE	IV	26 02 34 15.3	38.65N	21.68E	16	2.7L			
ISC	Event type ke.								
ATH	Error ellipse: s-maj=2.9km s-min=1.5km az=1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=7.5km s-min=4.8km az=136.5.								
CSEM	Event type ke. Error ellipse: s-maj=3.3km s-min=2.1km az=160.0.								
ISC	IV	26 03 00 16.0-38	40.41N-02	23.74E-03	11-4		36	0-2	
ISCJB	IV	26 03 00 15.6-40	40.41N-02	23.73E-03	8-4				19598004
CSEM	IV	26 03 00 16.6-08	40.43N	23.74E	5	3.3			
THE	IV	26 03 00 16.2	40.42N	23.72E	2	2.7L			
ATH	IV	26 03 00 16.3	40.45N	23.61E	32-0	3.3			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.2km s-min=3.4km az=99.1.								
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.4km az=59.0.								
ATH	Error ellipse: s-maj=0.2km s-min=0.4km az=1.0.								
NEIC	IV	06 20 26 04.0	38.78N	23.23E	0	3.5L			
CSEM	IV	06 20 26 04.0	38.78N	23.23E	0	3.5L			110687542
NEIC	Event type se. After THE.								
CSEM	After NEIC.								
ISC	IV	22 07 23 43.4-43	38.97N-02	23.38E-03	10-3		73	0-7	
ISCJB	IV	22 07 23 42.8-49	38.98N-02	23.37E-03	9-3				19597709
CSEM	IV	22 07 23 43.7-08	38.96N	23.36E	10	3.7L			
ATH	IV	22 07 23 43.0	38.99N	23.40E	22-0	3.7L,3.6			
THE	IV	22 07 23 44.0	38.98N	23.37E	11	3.3L,3.6			
SOF	IV	22 07 23 51.4	39.67N	23.60E	8	3.2,3.6			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.7km s-min=2.7km az=175.5.								
CSEM	Event type ke. Error ellipse: s-maj=2.3km s-min=1.7km az=99.0.								
ATH	Error ellipse: s-maj=0.5km s-min=0.8km az=1.0.								
ISC	IV	22 18 53 49.1-50	40.39N-03	23.58E-04	12-6		22	0-2	
ISCJB	IV	22 18 53 48.5-49	40.38N-02	23.56E-04	14-5				19597734
ATH	IV	22 18 53 48.9	40.41N	23.42E	16-1	3.0			
CSEM	IV	22 18 53 49.4-13	40.38N	23.59E	0-0	2.5L			
THE	IV	22 18 53 49.1	40.39N	23.57E	10	2.5L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.9km s-min=4.0km az=163.5.								
ATH	Error ellipse: s-maj=1.2km s-min=5.4km az=1.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.5km s-min=2.1km az=65.0.								
ISC	III	10 00 52 59.5-44	38.72N-02	23.49E-03	2-4		62	1-8	
ISCJB	III	10 00 52 58.6-49	38.74N-02	23.49E-03	1-4				110600746
NEIC	III	10 00 52 59.2	38.74N	23.52E	22	3.8L,3.1L			
ATH	III	10 00 52 59.2	38.74N	23.52E	22-0	3.8L,3.1L			
CSEM	III	10 00 52 59.6-07	38.71N	23.52E	2	3.0L,3.1L			
THE	III	10 00 53 02.2	38.85N	23.45E	1	3.0L,3.1L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.4km s-min=2.8km az=143.4.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=0.5km s-min=0.7km az=1.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.9km s-min=1.3km az=79.0.								
ISC	III	19 06 29 24.5-47	38.87N-02	21.11E-03	0-3	4.3s,3.7b	92	1-85	
IDC	III	19 06 29 22.3-1.2	38.97N	20.98E	0	3.8,3.8s			110606401
ISCJB	III	19 06 29 23.8-47	38.87N-02	21.11E-03	0-4	4.3s,3.7b			
NEIC	III	19 06 29 24.5	38.89N	21.17E	12	3.7L,3.2L			
ATH	III	19 06 29 24.5	38.89N	21.17E	12-1	3.7,3.7L			
MOS	III	19 06 29 24.6-59	38.89N	21.14E	10	4.0b,3.7L			
THE	III	19 06 29 24.3	38.78N	21.14E	1	3.6L,3.7L			
CSEM	III	19 06 29 26.6-08	38.91N	21.09E	20	3.7L,3.7L			
SOF	III	19 06 29 40.6	39.93N	22.08E	2	3.2,3.7L			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=22.9km s-min=14.9km az=64.0.								
ISCJB	Event type ke. Error ellipse: s-maj=3.9km s-min=2.8km az=110.3.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=0.6km s-min=1.0km az=1.0.								
MOS	Error ellipse: s-maj=9.3km s-min=5.2km az=72.3.								
CSEM	Event type ke. Error ellipse: s-maj=2.0km s-min=1.6km az=43.0.								
ATH	III	14 09 33 54.3	38.09N	20.37E	19-2	3.6			
CSEM	III	14 09 33 54.9	38.11N	20.43E	23	3.6			110603515
ATH	Error ellipse: s-maj=2.4km s-min=2.0km az=1.0.								
CSEM	After ATH.								
ISC	III	18 02 11 51.3-44	39.20N-02	22.25E-03	90-5		78	0-7	
CSEM	III	18 02 11 50.4-06	39.23N	22.25E	80	2.9L			110605729
ISCJB	III	18 02 11 50.4-42	39.20N-02	22.25E-04	95-5	2.9L			
SOF	III	18 02 11 50.6	39.45N	22.42E	2	2.7			
ATH	III	18 02 11 50.4	39.21N	22.32E	92-2	3.6L			
THE	III	18 02 11 51.4	39.22N	22.25E	88	2.9L			
SKO	III	18 02 11 57.9	39.72N	22.05E	28	2.2L,1.4			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=1.8km s-min=1.6km az=82.0.								
ISCJB	Event type ke. Error ellipse: s-maj=4.9km s-min=3.5km az=112.1.								
ATH	Error ellipse: s-maj=1.0km s-min=1.1km az=1.0.								
ISC	III	01 00 23 28.2-44	40.95N-02	22.78E-04	12		22	0-156	
SOF	III	01 00 23 24.6	40.86N	22.67E	2	2.7			110594855
SKO	III	01 00 23 26.8	40.95N	22.77E	23	2.9,2.8L			
ISCJB	III	01 00 23 27.6-44	40.93N-02	22.77E-04	12	2.9,2.8L			
CSEM	III	01 00 23 28.0-09	40.96N	22.76E	12	2.6L,2.8L			
THE	III	01 00 23 28.1	40.94N	22.77E	10	2.6L,2.8L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.8km s-min=3.3km az=169.1.								
CSEM	Event type ke. Error ellipse: s-maj=2.2km s-min=1.7km az=72.0.								
ISC	III	20 16 46 58.7-56	39.98N-03	22.61E-05	12-9		18	0-1	
ISCJB	III	20 16 46 58.1-53	39.99N-03	22.63E-05	10-10				110607316
CSEM	III	20 16 46 58.9-21	39.98N	22.60E	2	2.6L			
THE	III	20 16 46 58.7	39.98N	22.61E	10	2.6L			
ATH	III	20 16 47 02.4	39.72N	22.68E	10	3.0			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=6.4km s-min=4.6km az=165.3.								
CSEM	Event type ke. Error ellipse: s-maj=5.5km s-min=3.7km az=80.0.								
ISC	III	01 15 28 47.7-51	38.85N-02	23.46E-04	13-4		36	0-2	
ISCJB	III	01 15 28 48.2-47	38.85N-02	23.45E-04	17-6				110595234
CSEM	III	01 15 28 48.3-08	38.86N	23.44E	5	3.0L			
ATH	III	01 15 28 48.4	38.85N	23.41E	18-2	3.0,3.0L			
NEIC	III	01 15 28 48.5	38.85N	23.42E	17	3.0L,3.0L			
THE	III	01 15 28 49.1	38.91N	23.43E	8	2.7L,3.0L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.9km s-min=3.7km az=17.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.3km s-min=1.4km az=86.0.								
ATH	Error ellipse: s-maj=0.8km s-min=1.6km az=1.0.								
NEIC	Event type se. After ATH.								
ISC	III	02 03 08 51.4-43	40.46N-02	23.20E-03	17-5		33	0-2	
ISCJB	III	02 03 08 51.2-42	40.47N-02	23.20E-04	12-6				110595533
THE	III	02 03 08 51.8	40.48N	23.21E	11	2.4L			
CSEM	III	02 03 08 52.0-10	40.48N	23.21E	20	2.4L			
ATH	III	02 03 08 52.2	40.49N	23.23E	19-0	3.1			
SKO	III	02 03 08 53.2	40.50N	23.18E	2	3.1			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=5.2km s-min=3.4km az=130.6.								
CSEM	Event type ke. Error ellipse: s-maj=2.4km s-min=1.8km az=59.0.								
ATH	Error ellipse: s-maj=0.2km s-min=0.7km az=1.0.								
ISC	III	05 07 35 24.7-57	38.38N-02	22.05E-03	2-4	3.5b	96	1-59	
IDC	III	05 07 35 24.7-1.4	38.60N	21.91E	0	3.6,3.5b			110597709

NEIC	III	05 07 35 24.4	38.40N	21.99E	17	3.4L,3.3L			
ATH	III	05 07 35 24.3	38.39N	22.00E	18-1	3.6,3.4L			
ISCJB	III	05 07 35 24.1-66	38.38N-02	22.05E-03	6-4	3.5b,3.4L			
CSEM	III	05 07 35 24.9-07	38.42N	22.00E	5	3.6b,3.4L			
THE	III	05 07 35 26.4	38.41N	22.21E	5	3.4L,3.4L			
MOS	III	05 07 35 27.1-1.3	38.41N	22.06E	33	3.7b,3.4L			
SOF	III	05 07 35 36.7	39.22N	22.64E	10	3.0,3.4L			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=25.8km s-min=22.7km az=130.0.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=0.9km s-min=0.8km az=1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=4.4km s-min=3.1km az=148.8.								
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.3km az=78.0.								
MOS	Error ellipse: s-maj=10.1km s-min=4.7km az=84.9.								
ISC	III	06 00 03 50.4-39	40.10N-02	23.21E-03	11-5		33	0-2	
ISCJB	III	06 00 03 49.6-39	40.11N-02	23.20E-03	8-5				110598127
ATH	III	06 00 03 49.2	40.15N	23.07E	22-4	3.0			
CSEM	III	06 00 03 50.3-13	40.13N	23.20E	15	2.4L			
THE	III	06 00 03 50.3	40.12N	23.21E	10	2.4L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.1km s-min=3.4km az=175.2.								
ATH	Error ellipse: s-maj=4.2km s-min=10.4km az=1.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.9km s-min=2.2km az=90.0.								
ISC	III	07 16 15 54.9-90	40.85N-03	22.94E-04	11-17		21	0-1	
SKO	III	07 16 15 52.3	40.71N	22.96E	15	2.6L,2.5			110599144
ISCJB	III	07 16 15 54.3-47	40.84N-02	22.94E-04	10	2.6L,2.5			
CSEM	III	07 16 15 54.9-17	40.85N	22.94E	10	2.3L,2.5			
THE	III	07 16 15 55.0	40.84N	22.95E	1	2.3L,2.5			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.4km s-min=3.3km az=124.2.								
CSEM	Event type ke. Error ellipse: s-maj=4.0km s-min=3.0km az=57.0.								
ISC	III	27 17 46 04.1-47	40.20N-02	23.02E-04	15-8		28	0-1	
ATH	III	27 17 46 00.9	40.22N	22.68E	4	2.8			110611832
ISCJB	III	27 17 46 03.6-42	40.20N-02	23.02E-04	9-7	2.8			
CSEM	III	27 17 46 04.4-07	40.21N	23.02E	12	2.0L			
THE	III	27 17 46 04.3	40.22N	23.02E	2	2.0L			
ISC	Event type ke.								
ATH	Error ellipse: s-maj=3.8km s-min=3.7km az=1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=5.5km s-min=3.3km az=175.2.								
CSEM	Event type ke. Error ellipse: s-maj=1.8km s-min=1.2km az=102.0.								
ISC	III	28 05 46 31.0-53	40.91N-03	21.23E-04	12		24	0-1	
ISCJB	III	28 05 46 30.4-53	40.92N-03	21.24E-04	12				110612152
CSEM	III	28 05 46 30.3-13	40.92N	21.20E	15	1.9L			
THE	III	28 0							

NEIC	VI	21 20 57 29.5	38.18N	20.60E	16	3.3		
CSEM	VI	21 20 57 29.5	38.18N	20.60E	16	3.3		
THE	VI	21 20 57 30.3	38.26N	20.53E	10	3.3		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=7.8km s-min=4.5km az=25.9.							
ATH	Error ellipse: s-maj=3.6km s-min=4.6km az=-1.0.							
NEIC	Event type se. After ATH.							
CSEM	After ATH.							
ISC	VI	22 11 15 22.2-42	40.73N-02	21.26E-03	10		39	0-2
SKO	VI	22 11 15 18.8	40.57N	21.26E	15		19818671	
ISCJB	VI	22 11 15 21.6-41	40.74N-02	21.27E-03	10			
CSEM	VI	22 11 15 22.3-08	40.76N	21.21E	10	2.9L		
THE	VI	22 11 15 22.5	40.74N	21.23E	7	2.9L		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=3.7km s-min=3.0km az=39.9.							
CSEM	Event type ke. Error ellipse: s-maj=1.6km s-min=1.5km az=117.0.							
ISC	VI	23 05 58 13.8-52	38.14N-03	23.56E-04	6-5		33	0-5
ISCJB	VI	23 05 58 13.2-54	38.17N-03	23.55E-04	4-5		19222467	
CSEM	VI	23 05 58 13.8-08	38.12N	23.54E	8	3.3L		
NEIC	VI	23 05 58 13.2	38.10N	23.53E	23	3.3L		
ATH	VI	23 05 58 13.2	38.11N	23.54E	23-1	3.5,3.3L		
THE	VI	23 05 58 15.6	38.22N	23.62E	10	3.1L,3.3L		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=6.0km s-min=4.0km az=134.2.							
CSEM	Event type ke. Error ellipse: s-maj=2.4km s-min=1.6km az=91.0.							
NEIC	Event type se. After ATH.							
ATH	Error ellipse: s-maj=1.5km s-min=1.9km az=-1.0.							
ISC	VI	24 02 49 28.7-11	38.42N-01	20.41E-01	14	4.7b,4.0s	938	0-132
ORF	VI	24 02 48 48.3	36.30N	23.47E	30	5.7L,4.5b	110699069	
BGS	VI	24 02 49 22.4-1.9	38.00N	21.04E	15-999	4.6b,4.5b		
LDG	VI	24 02 49 24.6-30	38.45N	20.61E	10-0	4.7b,3.7s		
HLW	VI	24 02 49 25.0	37.85N	19.30E	33	4.8b,3.7s		
CSEM	VI	24 02 49 26.1	38.43N	20.43E	10	4.6L,3.7s		
NEIC	VI	24 02 49 26.4	38.36N	20.50E	14	5.0L,4.6L		
ISCJB	VI	24 02 49 26.6-11	38.41N-01	20.40E-01	13	4.7b,4.0s		
CRAAG	VI	24 02 49 26.1	38.43N	20.43E		4.6b,4.0s		
ATH	VI	24 02 49 26.5	38.36N	20.50E	13-0	4.4,4.3L		
MOS	VI	24 02 49 26.0-1.1	38.43N	20.42E	10	4.9b,4.3L		
HRVD	VI	24 02 49 26.4-60	38.37N	20.34E	18-2	4.7W,4.3L		
PDG	VI	24 02 49 26.7-52	38.40N	20.43E	11-2	4.7W,4.3L		
IDC	VI	24 02 49 27.5-95	38.76N	20.70E	0	4.7,4.6b		
BUI	VI	24 02 49 27.1	38.72N	20.60E	6	5.0b,4.8s		
PRJ	VI	24 02 49 27.2	38.48N	19.88E	0	4.5,4.8s		
THE	VI	24 02 49 28.6	38.39N	20.46E	8	4.7L,4.8s		
SKO	VI	24 02 49 28.7	38.34N	20.76E	9	4.7L,4.8s		
ISC	Event type ke.							
BGS	Error ellipse: s-maj=999.9km s-min=999.9km az=-1.0.							
LDG	Event type ke. Error ellipse: s-maj=15.7km s-min=7.3km az=28.0.							
NEIC	Event type se. After ATH.							
ISCJB	Event type ke. Error ellipse: s-maj=1.8km s-min=1.2km az=29.4.							
ATH	Error ellipse: s-maj=0.5km s-min=0.9km az=-1.0.							
MOS	Error ellipse: s-maj=3.1km s-min=2.1km az=104.7.							
HRVD	Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s19,c20; Mantle waves: s51,c76;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₀ 6.7e-13 M ₀ 1.22e-09; M ₁₁ 1.89e-10; M ₂₂ 0.21e-22; M ₃₃ 0.14e-07; M ₁₂ 0.01e-19; Best double couple: NP1:0.46,0.0000°;δ77.00000°;λ167.00000°; NP2:0.139,0.00000°;δ77.00000°;λ13.00000°. Principal axes: T 1.2960,Plg19.0000°;AzM3.0000°; N 0.6030,Plg71.0000°;AzM182.0000°; P -1.8960,Plg0.0000°;AzM273.0000°; M ₀ 1.59600e+16							
PDG	Error ellipse: s-maj=1.2km s-min=0.8km az=-1.0.							
IDC	Error ellipse: s-maj=24.2km s-min=12.3km az=41.0.							
ISC	VI	01 07 52 22.4-52	38.08N-03	21.55E-05	12-5		26	0-3
ISCJB	VI	01 07 52 21.7-84	38.09N-03	21.55E-04	7-7		19221271	
THE	VI	01 07 52 21.7	38.06N	21.55E	12	3.3L		
CSEM	VI	01 07 52 22.1	38.05N	21.54E	15	3.4		
NEIC	VI	01 07 52 22.1	38.05N	21.54E	15	3.4		
ATH	VI	01 07 52 22.1	38.05N	21.53E	15-1	3.4		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=6.1km s-min=4.9km az=113.9.							
CSEM	After ATH.							
NEIC	Event type se. After ATH.							
ATH	Error ellipse: s-maj=1.1km s-min=1.4km az=-1.0.							
ISC	VI	02 14 15 17.8-55	39.05N-04	22.00E-04	0-9		23	0-2
ISCJB	VI	02 14 15 17.5-49	39.06N-04	22.00E-04	2		19221326	
NEIC	VI	02 14 15 17.9	39.04N	22.03E	3	3.0		
THE	VI	02 14 15 17.7	39.04N	22.00E	10	2.8L		
CSEM	VI	02 14 15 17.9	39.04N	22.03E	3	3.0		
ATH	VI	02 14 15 17.9	39.04N	22.02E	2	3.0		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=5.2km s-min=3.9km az=157.7.							
NEIC	Event type se. After ATH.							
CSEM	After ATH.							
ATH	Error ellipse: s-maj=1.7km s-min=1.5km az=-1.0.							
ISC	VI	07 17 57 14.2-54	38.61N-02	23.76E-05	16-4		33	1-3
ISCJB	VI	07 17 57 13.6-53	38.61N-02	23.76E-05	13-4		19221580	
NEIC	VI	07 17 57 14.2	38.60N	23.69E	30	3.2L		
CSEM	VI	07 17 57 14.1-25	38.60N	23.82E	5	3.2L		
ATH	VI	07 17 57 14.2	38.60N	23.69E	30-2	3.2,3.2L		
THE	VI	07 17 57 15.3	38.62N	23.81E	15	3.1L,3.2L		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=6.1km s-min=3.2km az=169.8.							
NEIC	Event type se. After ATH.							
CSEM	Event type ke. Error ellipse: s-maj=6.5km s-min=3.5km az=93.0.							
ATH	Error ellipse: s-maj=1.0km s-min=2.2km az=-1.0.							
ISC	VI	08 14 38 36.2-42	38.61N-02	23.79E-02	3-3	4.2b,3.5s	306	1-120
BUI	VI	08 14 38 35.3	38.60N	23.80E	18	4.9b,4.5s	18463783	
IDC	VI	08 14 38 35.3-79	38.59N	23.65E	0	4.2,4.1		
ATH	VI	08 14 38 35.3	38.63N	23.78E	18-1	4.1,4.1L		
MOS	VI	08 14 38 35.7-83	38.65N	23.77E	10	4.4b,4.1L		
CSEM	VI	08 14 38 35.7-04	38.62N	23.73E	8	4.2b,3.0s		
NEIC	VI	08 14 38 35.3	38.63N	23.79E	18	4.1L,4.1b		
ISCJB	VI	08 14 38 36.3-39	38.61N-02	23.78E-02	15-4	4.2b,3.5s		
THE	VI	08 14 38 36.9	38.61N	23.73E	10	4.0L,3.5s		
SKO	VI	08 14 38 41.4	39.01N	23.57E	0	4.0L,3.5s		
SOF	VI	08 14 38 53.5	40.12N	24.22E	2	3.8,3.5s		
ISC	Event type ke.							
IDC	Error ellipse: s-maj=17.3km s-min=13.6km az=125.0.							
ATH	Error ellipse: s-maj=0.8km s-min=1.0km az=-1.0.							
MOS	Error ellipse: s-maj=5.6km s-min=3.0km az=106.7.							
CSEM	Event type ke. Error ellipse: s-maj=1.4km s-min=0.9km az=76.0.							
NEIC	Event type se. After ATH.							
ISCJB	Event type ke. Error ellipse: s-maj=2.9km s-min=2.3km az=91.6.							
ISC	VI	11 19 00 43.6-49	38.60N-02	23.82E-04	8-3		51	1-4
NEIC	VI	11 19 00 43.5	38.59N	23.67E	17	3.5L	19221815	
CSEM	VI	11 19 00 43.3-09	38.58N	23.87E	5	2.9L		
ATH	VI	11 19 00 43.5	38.58N	23.67E	16-1	3.7,3.5L		
ISCJB	VI	11 19 00 43.0-50	38.60N-02	23.81E-04	10-3	3.7,3.5L		
THE	VI	11 19 00 45.8	38.66N	23.82E	18	2.9L,3.5L		
SOF	VI	11 19 00 52.1	39.42N	23.77E	2	2.8,3.5L		
ISC	Event type ke.							
NEIC	Event type se. After ATH.							
CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=1.5km az=82.0.							
ATH	Error ellipse: s-maj=0.9km s-min=1.3km az=-1.0.							
ISCJB	Event type ke. Error ellipse: s-maj=5.4km s-min=3.3km az=156.9.							
ISC	VI	11 21 15 49.6-58	38.36N-02	21.76E-03	2-5		38	0-3
ISCJB	VI	11 21 15 49.5-37	38.37N-02	21.75E-03	6		19221822	
NEIC	VI	11 21 15 49.4	38.35N	21.78E	6	3.4		
ATH	VI	11 21 15 49.4	38.35N	21.78E	6-2	3.4		
THE	VI	11 21 15 49.5	38.33N	21.74E	1	2.6L		
CSEM	VI	11 21 15 50.1-09	38.38N	21.77E	2	3.4		

ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=3.6km s-min=2.9km az=57.1.							
NEIC	Event type se. After ATH.							
ATH	Error ellipse: s-maj=1.0km s-min=1.2km az=-1.0.							
CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=1.7km az=26.0.							
ISC	VI	21 05 06 39.9-62	40.47N-04	21.52E-06	27		14	0-1
ISCJB	VI	21 05 06 39.9-62	40.47N-04	21.52E-06	27		19818162	
THE	VI	21 05 06 39.6	40.47N	21.55E	23	2.5L		
SKO	VI	21 05 06 41.4	40.59N	21.52E	27	2.5L		
ISCJB	Error ellipse: s-maj=7.0km s-min=4.7km az=134.1.							
ISC	VI	21 06 14 56.2-1.1	39.29N-05	21.06E-09	6-11		13	0-3
ISCJB	VI	21 06 14 55.5-1.0	39.25N-05	21.04E-09	10		19222369	
NEIC	VI	21 06 14 55.5	39.42N	21.12E	33	3.2		
CSEM	VI	21 06 14 55.5	39.42N	21.12E	33	3.2		
ATH	VI	21 06 14 55.5	39.42N	21.12E	33-24	3.2		
SKO	VI	21 06 15 01.0	39.41N	21.51E	6	3.2		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=9.8km s-min=7.4km az=14.9.							
NEIC	Event type se. After ATH.							
CSEM	After ATH.							
ATH	Error ellipse: s-maj=22.8km s-min=12.9km az=-1.0.							
ISC	VI	21 18 40 11.3-77	38.05N-04	22.87E-05	6-7		30	0-3
NEIC	VI	21 18 40 10.9	38.05N	22.88E	20	3.5	19222404	
ATH	VI	21 18 40 10.9	38.05N	22.88E	19-1	3.5		
CSEM	VI	21 18 40 10.9	38.05N	22.88E	20	3.5		
ISCJB	VI	21 18 40 12.0-68	38.06N-03	22.91E-05	16-9	3.5		
THE	VI	21 18 40 15.9	38.19N	23.01E	21	3.2L		
ISC	Event type se.							
NEIC	Event type se. After ATH.							
ATH	Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.							
CSEM	After ATH.							
ISCJB	Event type se. Error ellipse: s-maj=7.1km s-min=4.7km az=98.9.							
ISC	VI	24 02 56 46.1-84	38.36N-04	20.41E-04	5-6		36	0-5
ISCJB	VI	24 02 56 45.9-79	38.36N-04	20.39E-04	11-5		19222524	
NEIC	VI	24 02 56 45.7	38.35N	20.45E	9	3.7L		
ATH	VI	24 02 56 45.8	38.35N	20.45E	7-2	3.8L,3.7		
CSEM	VI	24 02 56 46.2-12	38.33N	20.43E	2	3.7L,3.7		
THE	VI	24 02 56 46.5	38.33N	20.60E	1	3.3L,3.7		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=6.6km s-min=5.3km az=34.4.							
NEIC	Event type se. After ATH.							
ATH	Error ellipse: s-maj=1.3km s-min=2.2km az=-1.0.							
CSEM	Event type ke. Error ellipse: s-maj=2.9km s-min=2.2km az=25.0.							
ISC	VI	03 12 56 08.4-52	40.53N-04	21.63E-04	16-8		21	0-2
ISCJB	VI	03 12 56 08.8-52	40.53N-04	21.60E-05	22-9		19812411	
THE	VI	03 12 56 08.6	40.52N	21.60E	10	2.6L		
SKO	VI	03 12 56 08.7	40.54N	21.59E	12	2.6L		
CSEM	VI	03 12 56 08.4-13	40.55N	21.57E	20	2.6L		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=7.8km s-min=5.8km az=53.9.							
CSEM	Event type ke. Error ellipse: s-maj=3.5km s-min=2.2km az=28.0.							
ISC	VI	20 02 36 28.8-98	38.51N-05	21.50E-05	2-8		12	0-2
ISCJB	VI	20 02 36 28.3-79	38.54N-05	21.50E-05	1		19817737	
CSEM	VI	20 02 36 28.3	38.57N	21.44E	18	3.2		
ATH	VI							

ISK	III	09 09 33 10.4	38.21N	26.75E	20	3.0		
ATH	III	09 09 33 10.1	38.23N	26.85E	19-0	3.0		
ISC	Event type ke.							
CSEM	Event type ke. Error ellipse: s-maj=2.4km s-min=2.2km az=117.0.							
ISCJB	Event type ke. Error ellipse: s-maj=6.9km s-min=5.2km az=54.4.							
ATH	Error ellipse: s-maj=0.5km s-min=2.3km az=-1.0.							
ISC	VI	03 08 08 41.9-97	38.80N-03	25.59E-05	1-6		52	1-7
ISCJB	VI	03 08 08 42.0-85	38.79N-03	25.59E-04	7-6		18566237	
ATH	VI	03 08 08 41.5	38.75N	25.60E	21-4	3.4,3.4L		
NEIC	VI	03 08 08 42.3	38.75N	25.59E	28	3.4L,3.4L		
CSEM	VI	03 08 08 43.1-14	38.75N	25.58E	20	3.4L,3.4L		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=5.7km s-min=4.9km az=29.1.							
ATH	Error ellipse: s-maj=1.7km s-min=3.6km az=-1.0.							
NEIC	Event type se. After ATH.							
CSEM	Event type ke. Error ellipse: s-maj=4.7km s-min=3.0km az=173.0.							
ISC	III	11 15 41 05.6-40	40.44N-02	25.84E-02	7-3		104	0-7
THE	III	11 15 41 01.0	40.42N	25.88E	11	3.8L	110601932	
SOF	III	11 15 41 01.1	40.44N	26.07E	5	2.9		
ISK	III	11 15 41 03.8	40.41N	25.68E	17	3.4L,3.3		
ISCJB	III	11 15 41 04.6-45	40.45N-02	25.82E-02	1-4	3.4L,3.3		
ATH	III	11 15 41 05.4	40.43N	25.83E	29-3	3.6,3.3		
CSEM	III	11 15 41 05.3-05	40.46N	25.88E	10	3.8L,3.3		
NEIC	III	11 15 41 05.4	40.43N	25.83E	29	3.8L,3.5		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=3.6km s-min=2.8km az=40.7.							
ATH	Error ellipse: s-maj=1.6km s-min=3.8km az=-1.0.							
CSEM	Event type ke. Error ellipse: s-maj=1.5km s-min=1.1km az=3.0.							
NEIC	Event type se. After ATH.							
ISC	III	14 10 15 19.0-86	38.31N-05	26.36E-06	10		12	1-1
ISCJB	III	14 10 15 18.8-84	38.26N-05	26.40E-06	10		110603534	
CSEM	III	14 10 15 20.7-15	38.30N	26.57E	30	2.7		
ATH	III	14 10 15 20.1	38.26N	26.29E	16-2	3.0		
ISK	III	14 10 15 20.0	38.26N	26.51E	25	2.7		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=7.1km s-min=6.5km az=33.3.							
CSEM	Event type ke. Error ellipse: s-maj=3.8km s-min=3.3km az=101.0.							
ATH	Error ellipse: s-maj=0.1km s-min=0.4km az=-1.0.							
ISC	III	14 19 02 51.2-49	40.45N-02	25.85E-03	9-4		56	0-6
ISK	III	14 19 02 49.3	40.47N	25.78E	9	3.2	110603762	
ATH	III	14 19 02 50.6	40.45N	25.89E	26-0	3.6		
NEIC	III	14 19 02 50.6	40.45N	25.89E	26	3.6		
THE	III	14 19 02 51.4	40.47N	25.80E	10	3.5L		
CSEM	III	14 19 02 51.6-06	40.45N	25.87E	20	3.5L		
ISCJB	III	14 19 02 51.8-47	40.46N-02	25.84E-03	18-6	3.5L		
ISC	Event type ke.							
NEIC	Event type se. After ATH.							
CSEM	Event type ke.							
ISCJB	Event type ke.							
ISC	III	16 15 02 23.0-59	38.18N-03	26.70E-04	10-4		29	0-3
ISCJB	III	16 15 02 22.4-76	38.18N-03	26.70E-04	7-5		110604853	
CSEM	III	16 15 02 22.1-15	38.19N	26.71E	9-1	3.0		
ATH	III	16 15 02 22.3	38.15N	26.78E	34-1	3.0		
ISK	III	16 15 02 23.7	38.21N	26.78E	21	3.0		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=5.8km s-min=4.7km az=123.4.							
CSEM	Event type ke. Error ellipse: s-maj=3.0km s-min=2.5km az=73.0.							
ATH	Error ellipse: s-maj=0.4km s-min=2.9km az=-1.0.							
ISC	III	17 02 58 27.6-1.3	39.12N-05	24.22E-08	22-13		16	1-2
ATH	III	17 02 58 26.8	39.12N	24.24E	35-3	2.7	110605117	
NEIC	III	17 02 58 26.6	39.19N	24.26E	42	2.7		
ISCJB	III	17 02 58 27.6-1.2	39.12N-05	24.23E-08	26-12	2.7		
CSEM	III	17 02 58 27.4-12	39.10N	24.19E	20	2.7		
THE	III	17 02 58 28.1	39.14N	24.21E	18	2.3L		
ISC	Event type ke.							
ATH	Error ellipse: s-maj=1.4km s-min=1.8km az=-1.0.							
NEIC	Event type se. After ATH.							
ISCJB	Event type ke. Error ellipse: s-maj=10.6km s-min=7.9km az=9.2.							
CSEM	Event type ke. Error ellipse: s-maj=3.7km s-min=2.2km az=100.0.							
ISC	III	01 06 41 14.3-94	38.28N-06	26.80E-05	8-10		12	0-1
ISC	III	03 19 40 20.2-96	38.21N-07	26.69E-07	16-8		14	0-1
ISC	VI	07 00 03 19.3-72	38.21N-03	26.49E-05	8-4		32	0-3
ISCJB	VI	07 00 03 18.9-76	38.22N-02	26.50E-04	4-5		18566333	
CSEM	VI	07 00 03 18.9-11	38.26N	26.53E	10	3.1		
ISK	VI	07 00 03 18.9	38.16N	26.57E	14	3.1		
ATH	VI	07 00 03 18.2	38.24N	26.99E	42-0	3.3		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=6.0km s-min=4.0km az=164.1.							
CSEM	Event type ke. Error ellipse: s-maj=2.2km s-min=1.8km az=95.0.							
ATH	Error ellipse: s-maj=0.1km s-min=0.4km az=-1.0.							
ISC	III	14 07 24 06.4-1.3	38.19N-06	26.71E-07	11-6		12	0-1
ISC	VI	08 20 38 50.1-49	38.25N-02	26.80E-04	12-3		36	0-3
ISCJB	VI	08 20 38 49.3-62	38.22N-03	26.78E-04	8-4		18566368	
ISK	VI	08 20 38 49.2	38.23N	26.82E	10	3.1		
ATH	VI	08 20 38 49.5	38.22N	26.81E	36-3	3.2		
CSEM	VI	08 20 38 49.0-10	38.26N	26.80E	12	3.1		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=5.2km s-min=4.3km az=114.2.							
ATH	Error ellipse: s-maj=0.8km s-min=4.8km az=-1.0.							
CSEM	Event type ke. Error ellipse: s-maj=2.2km s-min=2.1km az=112.0.							
ISC	VI	15 09 32 47.1-54	38.81N-03	26.69E-06	12-4		34	0-3
ATH	VI	15 09 32 42.8	38.72N	25.59E	35	3.4	18566557	
ISCJB	VI	15 09 32 46.3-60	38.81N-03	26.65E-05	10-5	3.4		
CSEM	VI	15 09 32 46.2-11	38.81N	26.71E	12	3.3		
ISK	VI	15 09 32 47.0	38.74N	26.76E	26	3.3		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=7.1km s-min=3.9km az=144.3.							
CSEM	Event type ke. Error ellipse: s-maj=3.7km s-min=1.8km az=82.0.							
ISC	VI	15 14 14 02.9-67	38.89N-03	24.14E-04	11-4		33	0-2
ISCJB	VI	15 14 14 02.2-68	38.90N-03	24.14E-04	7-5		19222023	
NEIC	VI	15 14 14 03.8	38.90N	24.14E	37	3.4		
ATH	VI	15 14 14 03.8	38.90N	24.14E	37-2	3.4,3.2L		
THE	VI	15 14 14 04.8	38.93N	24.11E	14	2.9L,3.2L		
CSEM	VI	15 14 14 04.0-06	38.91N	24.14E	20	3.4,3.2L		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=5.7km s-min=4.4km az=159.4.							
NEIC	Event type se. After ATH.							
ATH	Error ellipse: s-maj=0.5km s-min=0.9km az=-1.0.							
CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=1.4km az=79.0.							
ISC	VI	16 13 08 35.5-42	39.99N-02	23.29E-04	5-10		23	0-2
ISCJB	VI	16 13 08 34.7-47	40.00N-02	23.29E-04	3-8		19222092	
NEIC	VI	16 13 08 35.9	39.98N	23.36E	11	3.0		
ATH	VI	16 13 08 35.9	39.98N	23.36E	11-7	3.0		
THE	VI	16 13 08 35.2	39.98N	23.27E	2	2.5L		
CSEM	VI	16 13 08 35.9	39.98N	23.36E	11	3.0		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=5.3km s-min=3.5km az=2.1.							
NEIC	Event type se. After ATH.							
ATH	Error ellipse: s-maj=1.0km s-min=2.9km az=-1.0.							
CSEM	After ATH.							
ISC	II	01 00 00 01.7-37	38.82N-02	26.76E-02	15-3		88	0-5
THE	I	31 23 59 53.9	38.47N	27.30E	10	2.7L	18188527	
ISK	II	01 00 00 00.5	38.75N	26.65E	30	3.5L,3.4		
ISCJB	II	01 00 00 00.7-44	38.82N-02	26.76E-02	13-3	3.5L,3.4		
NEIC	II	01 00 00 01.4-57	38.76N	26.72E	10	3.5,3.4		
ATH	II	01 00 00 02.2	38.72N	26.37E	22-4	3.5,3.4		
SOF	II	01 00 00 05.2	39.23N	26.75E	5	2.9,3.4		
ISC	Event type se.							

ISCJB	Event type se. Error ellipse: s-maj=3.3km s-min=2.6km az=112.9.							
NEIC	Event type se. Error ellipse: s-maj=8.1km s-min=6.3km az=67.0.							
ATH	Error ellipse: s-maj=2.1km s-min=7.1km az=-1.0.							
ISC	II	01 01 58 45.4-94	38.18N-04	26.53E-06	10-6		18	0-2
ISK	II	01 01 58 43.3	37.96N	26.70E	27	2.7	18188535	
ISCJB	II	01 01 58 45.5-98	38.19N-04	26.56E-05	6-6	2.7		
CSEM	II	01 01 58 45.6-11	38.22N	26.60E	10	2.7		
ATH	II	01 01 58 45.9	38.18N	26.40E	10	2.8		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=7.7km s-min=6.3km az=103.4.							
CSEM	Event type ke. Error ellipse: s-maj=2.7km s-min=2.3km az=143.0.							
ISC	II	01 02 53 05.6-94	39.87N-04	23.9E-10	10		13	0-2
ISCJB	II	01 02 53 05.0-10	39.87N-04	24.0E-10	10		19488573	
CSEM	II	01 02 53 05.7-27	39.88N	24.03E	10	2.1L		
THE	II	01 02 53 06.5	39.83N	23.96E	11	2.1L		
ATH	II	01 02 53 11.9	40.31N	23.87E	10	2.8		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=12.9km s-min=5.5km az=166.0.							
CSEM	Event type ke. Error ellipse: s-maj=7.6km s-min=3.6km az=-82.0.							
ISC	II	02 22 11 50.2-79	38.14N-03	26.61E-06	8-5		20	0-2
ISCJB	II	02 22 11 49.1-1.1	38.11N-04	26.60E-06	1-8		18188595	
ISK	II	02 22 11 49.7	38.48N	26.93E	16	2.7		
CSEM	II	02 22 11 50.9-21	38.12N	26.80E	30	2.7		
ATH	II	02 22 11 50.0	38.07N	26.60E	35-9	3.2		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=7.7km s-min=6.0km az=141.4.							
CSEM	Event type ke. Error ellipse: s-maj=7.0km s-min=4.4km az=111.0.							
ATH	Error ellipse: s-maj=2.3km s-min=8.0km az=-1.0.							
ISC	II	03 18 04 23.7-51	38.33N-03	26.68E-04	4-4		35	0-4
CSEM	II	03 18 04 22.8-18	38.36N	26.73E	2-1	3.2	18188654	
ATH	II	03 18 04 22.0	38.34N	26.61E	39-10	3.2		
ISCJB	II	03 18 04 23.2-56	38.33N-03	26.66E-04	7-3	3.2		
ISK	II	03 18 04 24.5	38.27N	26.85E	14	3.2		
ISC	Event type ke.							
CSEM	Event type ke. Error ellipse: s-maj=4.3km s-min=3.3km az=127.0.							
ATH	Error ellipse: s-maj=3.0km s-min=13.0km az=-1.0.							
ISCJB	Event type ke. Error ellipse: s-maj=5.4km s-min=4.7km az=96.9.							
ISC	II	03 18 53 12.6-68	38.34N-04	26.59E-05	15-3		24	0-2
ISCJB	II	03 18 53 12.0-86	38.30N-03	26.58E-05	12-4		18188655	
ISK	II	03 18 53 12.6	38.28N	26.69E	23	2.7		
CSEM	II	03 18 53 12.3-12	38.38N	26.64E	15	2.7		
ATH	II	03 18 53 12.6	38.32N	26.53E	35-8	3.1		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=7.0km s-min=5.3km az=130.7.							
CSEM	Event type ke. Error ellipse: s-maj=3.3km s-min=2.3km az=9.0.							
ATH	Error ellipse: s-maj=1.7km s-min=7.0km az=-1.0.							
ISC	II	03 19 10 52.0-63	38.35N-03	26.60E-05	14-3		23	0-2
ISCJB	II	03 19 10 50.8-67	38.29N-03	26.57E-05	6		18188656	
ATH	II	03 19 10 51.3	38.34N	26.59E	39-5	3.1		
CSEM	II	03 19 10 52.0-09	38.40N	26.67E	6-0	3.1		
ISK	II	03 19 10 53.2	38.31N	26.78E	25	3.1		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=5.9km s-min=4.5km az=141.0.							
ATH	Error ellipse: s-maj=1.4km s-min=6.1km az=-1.0.							
CSEM	Event type ke. Error ellipse: s-maj=2.4km s-min=1.9km az=120.0.							
ISC	II	04 07 16 31.0-67	38.34N-03	26.				

ISC	II	11 05 53 51.1-45	40.26N-02	25.21E-02	0-4			83	0-7	ISC	Event type ke.								
SOF	II	11 05 53 50.4	40.28N	25.19E	7	3.4				CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=1.9km az=162.0.								
ATH	II	11 05 53 51.2	40.30N	25.28E	27-1	3.5				ISCJB	Event type ke. Error ellipse: s-maj=4.6km s-min=3.8km az=118.9.								
ISCJB	II	11 05 53 52.6-25	40.29N-02	25.21E-03	20	3.5				ATH	Error ellipse: s-maj=0.9km s-min=2.2km az=-1.0.								
CSEM	II	11 05 53 52.6-06	40.30N	25.27E	20	3.5				NEIC	Event type se. After ATH.								
THE	II	11 05 53 53.2	40.23N	25.34E	21	3.7L				ISC	II 20 12 08 42.1-46	40.44N-02	25.86E-03	10-4		63	0-5		
ISK	II	11 05 53 53.3	40.24N	25.33E	11	3.3				SOF	II 20 12 08 40.2	40.45N	25.90E	3	3.2				
ISC	Event type ke.									ISK	II 20 12 08 40.8	40.33N	25.70E	26	3.1				
ATH	Error ellipse: s-maj=0.7km s-min=1.3km az=-1.0.									NEIC	II 20 12 08 41.8	40.47N	25.88E	26	3.7,3.2				
ISCJB	Event type ke. Error ellipse: s-maj=3.1km s-min=2.6km az=64.3.									ISCJB	II 20 12 08 41.3-52	40.43N-02	25.84E-03	5-4	3.7,3.2				
CSEM	Event type ke. Error ellipse: s-maj=1.8km s-min=1.4km az=27.0.									ATH	II 20 12 08 41.8	40.47N	25.88E	26-0	3.7,3.2				
ISC	II 11 14 33 17.7-97	38.18N-04	26.66E-08	16-5				17	0-2	THE	II 20 12 08 42.2	40.43N	25.82E	1	3.5L,3.2				
ATH	II 11 14 33 16.9	38.12N	26.84E	42	3.3					CSEM	II 20 12 08 42.0-07	40.41N	25.91E	15	3.5L,3.2				
ISCJB	II 11 14 33 17.8-94	38.18N-04	26.67E-08	17-8	3.3					ISC	Event type ke.								
CSEM	II 11 14 33 17.0-16	38.16N	26.69E	16-1	3.3					NEIC	Event type se. After ATH.								
ISK	II 11 14 33 17.5	38.17N	26.72E	18	3.3,3.2L					ISCJB	Event type ke. Error ellipse: s-maj=3.5km s-min=3.4km az=42.5.								
ISC	Event type ke.									ATH	Error ellipse: s-maj=0.3km s-min=0.6km az=-1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=10.3km s-min=5.8km az=29.8.									CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=1.5km az=30.0.								
CSEM	Event type ke. Error ellipse: s-maj=3.6km s-min=2.0km az=96.0.									ISC	II 20 15 51 18.7-54	38.16N-03	26.74E-04	12-3		38	0-3		
ISC	II 16 10 25 37.5-62	39.83N-02	23.80E-06	9-4				37	0-3	CSEM	II 20 15 51 17.7-13	38.17N	26.77E	10	2.8				
SOF	II 16 10 25 29.2	39.29N	23.80E	10	2.7					ISK	II 20 15 51 17.9	38.18N	26.76E	15	2.8				
ISCJB	II 16 10 25 37.4-53	39.84N-03	23.71E-05	13-4	2.7					ISCJB	II 20 15 51 18.2-70	38.14N-03	26.74E-04	8-5	2.8				
ATH	II 16 10 25 37.2	39.86N	23.77E	28-1	3.4					ATH	II 20 15 51 18.6	38.10N	26.70E	30-4	3.4				
CSEM	II 16 10 25 37.9-09	39.86N	23.80E	15	2.9L					ISC	Event type ke.								
THE	II 16 10 25 39.0	39.84N	23.67E	3	2.9L					CSEM	Event type ke. Error ellipse: s-maj=3.2km s-min=2.3km az=105.0.								
SKO	II 16 10 25 42.1	39.87N	23.39E	1	2.9L					ISCJB	Event type ke. Error ellipse: s-maj=5.4km s-min=4.9km az=111.5.								
ISC	Event type ke.									ATH	Error ellipse: s-maj=0.9km s-min=1.7km az=-1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=6.8km s-min=4.2km az=26.0.									ISC	II 21 02 20 09.0-42	40.42N-01	25.82E-02	8-3	3.4b,2.9s	178	1-73		
ATH	Error ellipse: s-maj=0.9km s-min=1.7km az=-1.0.									SOF	II 21 02 20 06.0	40.38N	25.96E	2	4.0,2.9s				
CSEM	Event type ke. Error ellipse: s-maj=2.4km s-min=1.5km az=103.0.									IDC	II 21 02 20 07.9-1.1	40.37N	25.89E	0	3.7L,3.5				
ISC	II 17 15 44 44.4-92	39.85N-06	23.81E-10	13-9				10	0-1	THE	II 21 02 20 08.9	40.38N	25.88E	7	3.9L,3.5				
ISCJB	II 17 15 44 44.2-90	39.90N-07	23.68E-09	20-6						ATH	II 21 02 20 08.7	40.44N	25.85E	28-1	4.1L,4.0				
CSEM	II 17 15 44 44.3-11	39.87N	23.80E	12	2.9L					CSEM	II 21 02 20 08.4-04	40.44N	25.90E	10	3.9L,4.0				
ATH	II 17 15 44 44.1	39.87N	23.76E	24-1	3.0					NEIC	II 21 02 20 08.7	40.44N	25.85E	28	4.1L,4.0				
THE	II 17 15 44 45.2	39.83N	23.77E	1	2.9L					ISCJB	II 21 02 20 08.3-48	40.41N-01	25.81E-02	11-3	3.4b,2.9s				
ISC	Event type ke.									ISK	II 21 02 20 09.0	40.42N	25.88E	16	3.6,2.9s				
ISCJB	Event type ke. Error ellipse: s-maj=13.2km s-min=10.1km az=84.4.									ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=2.9km s-min=2.7km az=33.0.									IDC	Error ellipse: s-maj=22.9km s-min=13.3km az=93.0.								
ATH	Error ellipse: s-maj=2.5km s-min=1.5km az=-1.0.									ATH	Error ellipse: s-maj=0.8km s-min=1.6km az=-1.0.								
ISC	II 19 16 53 42.4-61	38.15N-03	26.68E-05	9-4				25	0-2	CSEM	Event type ke. Error ellipse: s-maj=1.2km s-min=0.9km az=3.0.								
CSEM	II 19 16 53 41.1-10	38.14N	26.70E	5	2.8					NEIC	Event type se. After ATH.								
ATH	II 19 16 53 41.3	38.05N	26.91E	51	3.0					ISCJB	Event type ke. Error ellipse: s-maj=2.5km s-min=2.2km az=80.4.								
ISK	II 19 16 53 41.6	38.15N	26.70E	11	2.8					ISC	II 21 02 28 11.1-45	39.94N-02	23.47E-04	9-6		28	0-2		
ISCJB	II 19 16 53 42.2-67	38.15N-02	26.69E-05	5-5	2.8					ISCJB	II 21 02 28 10.5-49	39.95N-02	23.45E-04	3-6					
ISC	Event type ke.									NEIC	II 21 02 28 10.9	39.93N	23.57E	13	3.2				
CSEM	Event type ke.									ATH	II 21 02 28 10.9	39.93N	23.57E	13-5	3.2				
ISCJB	Event type ke.									CSEM	II 21 02 28 11.4-10	39.95N	23.47E	3-1	2.6L				
ISC	II 19 23 15 50.7-38	40.44N-02	25.85E-02	10-3	3.4b,2.5s			156	0-73	THE	II 21 02 28 11.4	39.94N	23.47E	7	2.6L				
ISK	II 19 23 15 48.5	40.48N	25.77E	10	3.8L,2.5s					ISC	Event type ke.								
SOF	II 19 23 15 48.5	40.44N	25.89E	7	3.6,2.5s					ISCJB	Event type ke. Error ellipse: s-maj=5.7km s-min=3.4km az=175.5.								
ISCJB	II 19 23 15 49.4-43	40.45N-02	25.83E-02	7-3	3.4b,2.5s					NEIC	Event type se. After ATH.								
THE	II 19 23 15 49.7	40.39N	26.01E	14	3.9L,2.5s					ATH	Error ellipse: s-maj=0.5km s-min=2.7km az=-1.0.								
ATH	II 19 23 15 50.0	40.45N	25.87E	28-1	3.9,2.5s					CSEM	Event type ke. Error ellipse: s-maj=2.7km s-min=1.6km az=79.0.								
CSEM	II 19 23 15 50.0-04	40.46N	25.90E	12	3.9L,2.5s					ISC	II 21 02 30 01.4-52	40.43N-02	25.88E-03	7-4		48	1-3		
NEIC	II 19 23 15 50.0	40.45N	25.87E	28	3.9L,3.6					SOF	II 21 02 29 56.7	40.09N	26.04E	13	2.9				
MOS	II 19 23 15 51.9-76	40.40N	25.91E	33	4.0b,3.6					ISK	II 21 02 29 59.2	40.46N	25.77E	7	3.0				
IDC	II 19 23 15 53.0-4.9	40.38N	25.88E	27-36	3.6,3.4					ATH	II 21 02 30 01.3	40.42N	25.87E	25-3	3.3				
NAO	II 19 23 16 29.5	44.04N	25.94E	33	3.3b,3.4					NEIC	II 21 02 30 01.3	40.42N	25.87E	25	3.3,2.9				
ISC	Event type ke.									CSEM	II 21 02 30 01.2-07	40.45N	25.91E	10	3.3,2.9				
ISCJB	Event type ke. Error ellipse: s-maj=2.7km s-min=2.2km az=49.9.									ISCJB	II 21 02 30 01.2-34	40.43N-02	25.88E-03	10	3.3,2.9				
ATH	Error ellipse: s-maj=0.8km s-min=1.7km az=-1.0.									ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=1.2km s-min=1.0km az=22.0.									NEIC	Event type se. After ATH.								
NEIC	Event type se. After ATH.									CSEM	Event type ke.								
MOS	Error ellipse: s-maj=9.2km s-min=4.5km az=95.9.									ISCJB	Event type ke.								
IDC	Error ellipse: s-maj=19.9km s-min=17.3km az=103.0.									ISC	II 21 07 30 34.7-37	39.12N-01	24.25E-01	4-2	4.5b,4.0s	478	0-127		
ISC	II 19 23 18 58.7-52	40.46N-03	25.83E-04	6-4				43	0-3	NAO	II 21 07 30 30.3	39.29N	24.85E	33	3.5b,4.0s				
SOF	II 19 23 18 53.4	40.24N	25.66E	20	2.9					ISCJB	II 21 07 30 33.6-37	39.13N-01	24.24E-01	7-2	4.5b,4.0s				
NEIC	II 19 23 18 58.9	40.49N	26.06E	10	3.3,2.9					CSEM	II 21 07 30 34.0	39.16N	24.32E	10	4.5b,4.0s				
ATH	II 19 23 18 58.9	40.49N	26.06E	10	3.														

NEIC	II	21 14 38 47.2	39.15N	24.16E	32	3.2L,3.1			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=6.8km s-min=5.0km az=113.9.								
CSEM	Event type ke. Error ellipse: s-maj=3.2km s-min=2.0km az=143.0.								
ATH	Error ellipse: s-maj=0.8km s-min=0.7km az=-1.0.								
NEIC	Event type se. After ATH.								
ISC	II	22 02 19 43.2-62	38.16N-03	26.68E-05	11-4	23	0-2		
CSEM	II	22 02 19 42.2-11	38.16N	26.70E	8	2.7			
ATH	II	22 02 19 42.3	38.11N	26.84E	42	3.1			
ISCJB	II	22 02 19 43.1-64	38.16N-03	26.69E-05	8-5	3.1			
ISK	II	22 02 19 43.4	38.19N	26.75E	16	2.7			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=3.1km s-min=2.2km az=80.0.								
ISCJB	Event type ke. Error ellipse: s-maj=6.5km s-min=4.4km az=160.5.								
ISC	II	22 07 01 25.7-62	39.13N-03	24.00E-04	15-5	35	0-4		
CSEM	II	22 07 01 25.6-07	39.08N	24.24E	10	2.7L			
NEIC	II	22 07 01 25.3	39.09N	24.25E	9	3.4L			
ATH	II	22 07 01 25.6	39.12N	24.22E	25-1	3.4L,3.2			
THE	II	22 07 01 25.3	39.09N	24.25E	8	2.7L,3.2			
ISCJB	II	22 07 01 26.0-65	39.12N-03	24.22E-04	17-7	2.7L,3.2			
ISC	Event type ke.								
CSEM	Event type ke.								
NEIC	Event type se. After THE.								
ISCJB	Event type ke.								
ISC	II	22 15 28 16.2-42	39.10N-02	24.23E-02	7-3	3.6b	144	0-58	
ISCJB	II	22 15 28 14.7-43	39.10N-02	24.26E-02	3-3	3.6b			
NEIC	II	22 15 28 15.4	39.13N	24.32E	5	3.9,3.7			
MOS	II	22 15 28 15.6-91	39.12N	24.28E	10	4.4b,3.7			
IDC	II	22 15 28 15.8-92	39.11N	24.26E	0	3.7,3.7L			
THE	II	22 15 28 16.0	39.12N	24.31E	3	3.6L,3.7L			
NAO	II	22 15 28 16.1	39.64N	28.42E	33	3.7b,3.7L			
CSEM	II	22 15 28 16.3-06	39.11N	24.28E	15	3.6L,3.7L			
ATH	II	22 15 28 16.0	39.10N	24.26E	31-3	3.9,3.9L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=2.8km s-min=2.6km az=48.4.								
NEIC	Event type se. After CSEM.								
MOS	Error ellipse: s-maj=11.9km s-min=4.6km az=89.9.								
IDC	Error ellipse: s-maj=18.3km s-min=13.1km az=99.0.								
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.4km az=22.0.								
ATH	Error ellipse: s-maj=0.7km s-min=0.7km az=-1.0.								
ISC	II	22 16 36 32.3-43	39.11N-02	24.24E-02	10-4	59	0-4		
ISCJB	II	22 16 36 31.0-45	39.10N-02	24.27E-02	4-4				
NEIC	II	22 16 36 32.7	39.12N	24.27E	4	3.6L,2.8L			
THE	II	22 16 36 32.7	39.12N	24.27E	4	3.0L,2.8L			
ATH	II	22 16 36 33.2	39.12N	24.23E	39-4	3.6,3.6L			
CSEM	II	22 16 36 34.6-06	39.13N	24.23E	40	3.0L,3.6L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.9km s-min=3.0km az=30.4.								
NEIC	Event type se. After THE.								
ATH	Error ellipse: s-maj=1.4km s-min=1.5km az=-1.0.								
CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=1.3km az=85.0.								
ISC	II	22 17 28 29.4-81	39.09N-03	24.27E-05	9-6	28	0-2		
ISCJB	II	22 17 28 28.8-83	39.09N-03	24.27E-04	6-6				
NEIC	II	22 17 28 29.3	39.05N	24.34E	2	3.1L			
THE	II	22 17 28 29.3	39.05N	24.34E	1	3.1L			
CSEM	II	22 17 28 30.1-10	39.08N	24.29E	10	3.1L			
ATH	II	22 17 28 30.8	39.09N	24.25E	34-2	3.1,3.1L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=6.1km s-min=5.2km az=64.2.								
NEIC	Event type se. After THE.								
CSEM	Event type ke. Error ellipse: s-maj=2.9km s-min=2.0km az=95.0.								
ATH	Error ellipse: s-maj=0.9km s-min=0.7km az=-1.0.								
ISC	II	22 18 15 60.0-63	39.15N-04	24.19E-04	15-5	30	0-2		
NEIC	II	22 18 15 59.7	39.12N	24.23E	7	3.2L			
THE	II	22 18 15 59.7	39.12N	24.23E	7	2.5L			
ISCJB	II	22 18 16 00.2-68	39.13N-04	24.21E-04	17-8	2.5L			
CSEM	II	22 18 16 00.8-09	39.13N	24.22E	20	2.5L			
ATH	II	22 18 16 00.0	39.14N	24.23E	29-3	3.2L,3.0			
ISC	Event type ke.								
NEIC	Event type se. After THE.								
ISCJB	Event type ke. Error ellipse: s-maj=6.6km s-min=4.5km az=113.3.								
CSEM	Event type ke. Error ellipse: s-maj=2.1km s-min=1.8km az=113.0.								
ATH	Error ellipse: s-maj=1.1km s-min=1.8km az=-1.0.								
ISC	II	22 22 37 55.7-57	39.12N-03	24.23E-04	9-4	35	0-4		
CSEM	II	22 22 37 55.0-10	39.07N	24.25E	5	3.1L			
NEIC	II	22 22 37 55.6	39.12N	24.24E	7	3.6L,3.0L			
THE	II	22 22 37 55.6	39.12N	24.24E	6	3.1L,3.0L			
ISCJB	II	22 22 37 56.8-63	39.12N-03	24.23E-04	25-6	3.1L,3.0L			
ATH	II	22 22 37 56.7	39.10N	24.09E	72-4	3.6L,3.0L			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=2.7km s-min=1.6km az=94.0.								
NEIC	Event type se. After THE.								
ISCJB	Event type ke. Error ellipse: s-maj=6.1km s-min=4.4km az=47.3.								
ATH	Error ellipse: s-maj=0.9km s-min=1.4km az=-1.0.								
ISC	II	23 01 07 53.5-58	39.12N-03	24.19E-04	12-4	45	0-4		
ISCJB	II	23 01 07 53.9-52	39.13N-02	24.20E-04	18-5				
NEIC	II	23 01 07 53.7	39.13N	24.21E	30	3.3L			
ATH	II	23 01 07 53.7	39.13N	24.21E	30-2	3.4,3.3L			
CSEM	II	23 01 07 54.4-07	39.13N	24.21E	20	2.7L,3.3L			
THE	II	23 01 07 54.6	39.16N	24.17E	14	2.7L,3.3L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.8km s-min=3.8km az=55.1.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=1.2km s-min=1.2km az=-1.0.								
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.4km az=122.0.								
ISC	II	23 12 44 52.7-43	40.40N-02	25.83E-03	8-3	60	1-4		
ISCJB	II	23 12 44 51.6-47	40.41N-02	25.82E-03	2-4				
ATH	II	23 12 44 52.7	40.45N	25.90E	24-2	3.4			
NEIC	II	23 12 44 52.7	40.45N	25.90E	24	3.4,3.2			
SOF	II	23 12 44 52.0	40.39N	25.75E	6	3.1,3.2			
THE	II	23 12 44 53.1	40.43N	25.79E	1	3.3L,3.2			
CSEM	II	23 12 44 53.6-07	40.43N	25.91E	20	3.3L,3.2			
ISK	II	23 12 44 53.5	40.35N	25.81E	30	3.2,3.2			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.1km s-min=2.7km az=77.6.								
ATH	Error ellipse: s-maj=1.2km s-min=1.7km az=-1.0.								
NEIC	Event type se. After ATH.								
CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=1.4km az=12.0.								
ISC	II	24 04 37 46.6-88	39.06N-05	24.25E-08	48-38	15	1-4		
ATH	II	24 04 37 44.8	39.08N	24.27E	34-2	3.2,3.1L			
ISCJB	II	24 04 37 45.7-95	39.09N-05	24.24E-08	62-21	3.2,3.1L			
CSEM	II	24 04 37 45.7-12	39.12N	24.22E	55-1	2.9,3.1L			
NEIC	II	24 04 37 45.2	39.11N	24.27E	37	2.9,2.9L			
SOF	II	24 04 37 55.3	40.13N	24.34E	3	2.9,2.9			
ISC	Event type ke.								
ATH	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=10.0km s-min=7.9km az=37.5.								
CSEM	Event type ke. Error ellipse: s-maj=1.8km s-min=1.4km az=147.0.								
NEIC	Event type se. After ATH.								
ISC	II	25 06 43 09.7-63	38.06N-02	26.72E-05	10-5	24	0-2		
CSEM	II	25 06 43 08.9-13	38.08N	26.74E	8	2.9			
ATH	II	25 06 43 08.9	38.00N	26.72E	29	3.1			
ISCJB	II	25 06 43 09.1-72	38.05N-03	26.71E-05	6-5	3.1			
ISK	II	25 06 43 10.0	38.07N	26.84E	7	2.9			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=3.6km s-min=1.9km az=88.0.								
ISCJB	Event type ke. Error ellipse: s-maj=6.8km s-min=4.2km az=158.6.								
ISC	II	25 15 39 25.1-44	39.94N-02	23.85E-04	8-4	36	0-3		
ISCJB	II	25 15 39 24.3-45	39.95N-02	23.86E-04	3-5				
SOF	II	25 15 39 24.1	40.02N	23.91E	2	2.7			
THE	II	25 15 39 25.3	39.94N	23.86E	4	2.7L			

NEIC	II	25 15 39 25.3	39.94N	23.86E	4	2.7,2.2L			
CSEM	II	25 15 39 25.3-13	39.93N	23.83E	12	2.7L,2.2L			
ATH	II	25 15 39 25.8	39.99N	23.43E	42-1	2.9,2.2L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.9km s-min=3.4km az=163.6.								
NEIC	Event type se. After THE.								
CSEM	Event type ke. Error ellipse: s-maj=2.9km s-min=2.4km az=83.0.								
ATH	Error ellipse: s-maj=1.0km s-min=1.0km az=-1.0.								
ISC	II	25 15 41 45.1-50	39.92N-02	23.84E-05	12-0	33	0-3		
CSEM	II	25 15 41 45.6-09	39.94N	23.85E	15	2.9L			
ISCJB	II	25 15 41 45.5-51	39.92N-03	23.87E-05	19-7	2.9L			
ATH	II	25 15 41 45.1	39.94N	23.84E	25-0	3.0			
THE	II	25 15 41 45.5	39.93N	23.86E	7	2.9L			
SOF	II	25 15 41 45.0	40.08N	23.99E	2	3.3			
NEIC	II	25 15 41 45.5	39.93N	23.86E	7	3.3,2.3L			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=2.2km s-min=1.4km az=95.0.								
ISCJB	Event type ke. Error ellipse: s-maj=6.5km s-min=4.2km az=35.9.								
ATH	Error ellipse: s-maj=0.6km s-min=0.6km az=-1.0.								
NEIC	Event type se. After THE.								
ISC	II	25 15 51 17.1-43	39.90N-02	23.84E-03	6-3	3.4b	106	0-42	
ISCJB	II	25 15 51 16.1-44	39.92N-02	23.85E-03	4-3	3.4b			
ATH	II	25 15 51 16.9	39.94N	23.85E	28-0	3.5,3.5L			
SOF	II	25 15 51 16.9	39.98N	23.86E	10	3.5,3.5L			
NEIC	II	25 15 51 17.7	39.94N	23.87E	0	3.5,3.5L			
THE	II	25 15 51 17.7	39.94N	23.87E	10	3.3L,3.5L			
IDC	II	25 15 51 17.3-1.4	39.89N	23.81E	0	3.6L,3.6			
SKO	II	25 15 51 18.6	39.94N	23.86E	8	3.6L,3.6			
CSEM	II	25 15 51 18.0-05	39.92N	23.86E	20	3.3L,3.6			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.9km s-min=2.8km az=29.1.								
ATH	Error ellipse: s-maj=0.5km s-min=0.5km az=-1.0.								
NEIC	Event type se. After THE.								
IDC	Error ellipse: s-maj=26.7km s-min=15.5km az=105.0.								
CSEM	Event type ke. Error ellipse: s-maj=1.3km s-min=1.0km az=100.0.								
ISC	II	25 18 04 26.2-37	39.91N-02	23.88E-03	8-3	102	0-8		
ISCJB	II	25 18 04 25.5-38	39.93N-02	23.88E-03	8-3				
NEIC	II	25 18 04 26.9	39.93N	23.87E	3	3.7,3.5L			
ATH	II	25 18 04 26.0	39.94N	23.86E	27-1	3.6,3.5L			
CSEM	II	25 18 04 26.5-05	39.93N	23.89E	15	3.3L,3.5L			
THE	II	25 18 04 26.9	39.93N	23.87E	3	3.3L,3.5L			
SOF	II	25 18 04 27.2	39.99N	23.85E	16	3.7,3.5L			
SKO	II	25 18 04 27.8	39.92N	23.85E	9	3.7,3.5L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.3km s-min=2.8km az=33.9.								
NEIC	Event type se. After THE.								
ATH	Error ellipse: s-maj=1.0km s-min=0.8km az=-1.0.								
CSEM	Event type ke. Error ellipse: s-maj=1.4km s-min=1.0km az=89.0.								
ISC	II	25 22 41 20.8-96	38.27N-04	26.48E-07	12-6	19	0-2		
ISCJB	II								

ISCJB	V	03 22 27 40.6--78	38.15N-03	26.71E-04	6-5	3.4		
ATH	V	03 22 27 40.1	38.19N	26.82E	22-1	3.5		
ISK	V	03 22 27 40.4	38.15N	26.73E	5	3.4		
ISC		Event type ke.						
CSEM	Event type ke.	Error ellipse: s-maj=2.8km s-min=1.7km az=115.0.						
ISCJB	Event type ke.	Error ellipse: s-maj=5.5km s-min=4.4km az=142.1.						
ATH	Error ellipse: s-maj=0.6km s-min=3.2km az=1.0.							
ISC	V	01 23 51 52.5--52	39.38N-03	25.68E-04	12-4		31	0-2
ISCJB	V	01 23 51 51.8--55	39.39N-03	25.68E-04	6-5		18530303	
ATH	V	01 23 51 51.2	39.32N	25.68E	23-4	3.2		
ISK	V	01 23 51 51.2	39.46N	25.60E	13	3.0		
THE	V	01 23 51 52.9	39.35N	25.66E	2	3.0		
CSEM	V	01 23 51 52.6--12	39.41N	25.83E	10	3.0		
ISC		Event type ke.						
ISCJB	Event type ke.	Error ellipse: s-maj=5.6km s-min=3.7km az=105.0.						
ATH	Error ellipse: s-maj=3.8km s-min=3.1km az=1.0.							
CSEM	Event type ke.	Error ellipse: s-maj=3.2km s-min=2.5km az=49.0.						
ISC	V	04 11 09 07.8--43	38.97N-02	26.61E-04	14-3		54	0-3
CSEM	V	04 11 09 06.5--10	38.97N	26.59E	15	3.4	18530356	
ISCJB	V	04 11 09 07.2--42	38.96N-02	26.62E-04	12-3	3.4		
ATH	V	04 11 09 07.1	38.88N	26.41E	26-0	3.5		
ISK	V	04 11 09 08.2	38.96N	26.58E	32	3.4		
ISC		Event type ke.						
CSEM	Event type ke.	Error ellipse: s-maj=2.7km s-min=1.4km az=91.0.						
ISCJB	Event type ke.	Error ellipse: s-maj=5.5km s-min=3.0km az=139.5.						
ATH	Error ellipse: s-maj=0.7km s-min=1.5km az=1.0.							
ISC	V	04 20 12 37.1--38	38.17N-02	26.68E-02	12-3		84	0-8
ISCJB	V	04 20 12 35.9--45	38.18N-02	26.69E-02	6-3		18530358	
ATH	V	04 20 12 36.5	38.15N	26.62E	30-0	3.8L,3.7		
ISK	V	04 20 12 36.1	38.21N	26.65E	16	3.4,3.7		
CSEM	V	04 20 12 36.5--07	38.17N	26.74E	12	3.4,3.7		
THE	V	04 20 12 37.1	38.19N	26.71E	2	3.7L,3.7		
ISC		Event type ke.						
ISCJB	Event type ke.	Error ellipse: s-maj=3.1km s-min=2.9km az=134.7.						
ATH	Error ellipse: s-maj=0.4km s-min=0.8km az=1.0.							
CSEM	Event type ke.	Error ellipse: s-maj=1.6km s-min=1.5km az=143.0.						
ISC	V	04 22 28 05.4--43	40.40N-02	25.89E-02	8-3		89	1-7
ATH	V	04 22 28 05.3	40.41N	25.87E	24-0	3.8	18530360	
ISK	V	04 22 28 05.7	40.36N	25.81E	40	3.3		
SOF	V	04 22 28 05.0	40.48N	25.90E	10	3.1		
ISCJB	V	04 22 28 05.8--45	40.41N-02	25.89E-02	17-5	3.1		
NEIC	V	04 22 28 06.3	40.39N	25.88E	8	3.8L,3.8L		
THE	V	04 22 28 06.3	40.39N	25.88E	8	3.8L,3.8L		
CSEM	V	04 22 28 06.0--06	40.41N	25.95E	20	3.8L,3.8L		
ISC		Event type ke.						
ATH	Error ellipse: s-maj=0.5km s-min=1.1km az=1.0.							
ISCJB	Event type ke.	Error ellipse: s-maj=3.3km s-min=2.9km az=122.3.						
NEIC	Event type se.	After THE.						
CSEM	Event type ke.	Error ellipse: s-maj=1.4km s-min=1.2km az=51.0.						
ISC	V	05 00 12 18.8--78	40.39N-03	25.95E-06	6-6		25	1-6
ISCJB	V	05 00 12 18.0--76	40.41N-03	25.93E-06	5-6		19598496	
CSEM	V	05 00 12 18.5--18	40.43N	25.98E	5	3.2L		
THE	V	05 00 12 18.9	40.40N	25.94E	4	3.2L		
ATH	V	05 00 12 19.5	40.39N	25.77E	30-0	3.4		
SOF	V	05 00 12 20.9	40.49N	25.71E	2	2.7		
ISC		Event type ke.						
ISCJB	Event type ke.	Error ellipse: s-maj=7.7km s-min=4.9km az=17.2.						
CSEM	Event type ke.	Error ellipse: s-maj=4.9km s-min=2.5km az=106.0.						
ATH	Error ellipse: s-maj=0.2km s-min=0.5km az=1.0.							
ISC	V	05 15 55 24.9--49	38.10N-02	26.92E-04	13-4		27	0-2
ISCJB	V	05 15 55 24.4--71	38.09N-03	26.92E-04	8-7		18530375	
ISK	V	05 15 55 24.5	38.15N	26.91E	21	3.2		
CSEM	V	05 15 55 24.8--16	38.10N	27.02E	15	3.2		
ATH	V	05 15 55 25.7	38.03N	26.64E	10-7	3.2		
ISC		Event type ke.						
ISCJB	Event type ke.	Error ellipse: s-maj=5.5km s-min=5.2km az=85.9.						
CSEM	Event type ke.	Error ellipse: s-maj=5.0km s-min=1.6km az=109.0.						
ATH	Error ellipse: s-maj=0.2km s-min=1.2km az=1.0.							
ISC	V	05 18 52 40.9--50	38.25N-02	26.81E-04	11-4		30	0-3
ISCJB	V	05 18 52 40.2--65	38.23N-03	26.80E-04	6-5		18530378	
ISK	V	05 18 52 40.3	38.27N	26.82E	16	2.8		
CSEM	V	05 18 52 40.3--10	38.26N	26.85E	12	2.8		
ATH	V	05 18 52 41.0	38.21N	26.70E	25-2	3.1		
ISC		Event type ke.						
ISCJB	Event type ke.	Error ellipse: s-maj=5.0km s-min=4.4km az=100.9.						
CSEM	Event type ke.	Error ellipse: s-maj=2.7km s-min=1.8km az=100.0.						
ATH	Error ellipse: s-maj=0.9km s-min=4.1km az=1.0.							
ISC	V	08 01 18 22.2--1.1	38.22N-03	26.48E-06	4-7		21	1-2
ISCJB	V	08 01 18 21.2--1.3	38.14N-04	26.50E-06	6-7		18530434	
ISK	V	08 01 18 21.6	38.11N	26.57E	16	3.1		
ATH	V	08 01 18 22.5	38.17N	26.46E	27-18	3.2		
CSEM	V	08 01 18 22.6--12	38.27N	26.58E	5	3.1		
ISC		Event type ke.						
ISCJB	Event type ke.	Error ellipse: s-maj=7.9km s-min=6.1km az=166.1.						
ATH	Error ellipse: s-maj=6.2km s-min=22.5km az=1.0.							
CSEM	Event type ke.	Error ellipse: s-maj=3.4km s-min=1.9km az=73.0.						
ISC	V	06 22 59 12.4--51	38.15N-02	26.68E-05	10		28	0-2
ISCJB	V	06 22 59 12.5--49	38.15N-02	26.70E-05	10		18530401	
ATH	V	06 22 59 12.6	38.15N	26.52E	12-9	3.0		
CSEM	V	06 22 59 12.1--12	38.17N	26.73E	15	2.9		
ISK	V	06 22 59 13.4	38.17N	26.83E	23	2.9		
ISC		Event type ke.						
ISCJB	Event type ke.	Error ellipse: s-maj=5.4km s-min=3.2km az=154.8.						
ATH	Error ellipse: s-maj=0.3km s-min=1.5km az=1.0.							
CSEM	Event type ke.	Error ellipse: s-maj=3.0km s-min=2.4km az=96.0.						
ISC	V	07 05 43 30.3--43	38.18N-02	26.69E-03	16-3		75	0-4
NEIC	V	07 05 43 27.0	38.19N	26.60E	13	3.7L,3.4	18338562	
ISK	V	07 05 43 28.9	38.21N	26.66E	19	3.4,3.4		
THE	V	07 05 43 29.6	38.18N	26.73E	10	3.1L,3.4		
ATH	V	07 05 43 29.2	38.16N	26.60E	28-2	3.7,3.7L		
CSEM	V	07 05 43 30.0--11	38.21N	26.76E	21-1	3.7L,3.7L		
ISCJB	V	07 05 43 30.2--45	38.19N-02	26.69E-03	23-5	3.7L,3.7L		
ISC		Event type ke.						
NEIC	Event type se.	After ISK.						
CSEM	Event type ke.	Error ellipse: s-maj=10.4km s-min=5.7km az=2.2.						
ISCJB	Event type ke.	Error ellipse: s-maj=8.1km s-min=5.9km az=89.0.						
ISC	V	07 14 21 49.6--50	38.83N-02	26.81E-03	17-3		67	0-5
ISCJB	V	07 14 21 48.5--66	38.84N-02	26.79E-03	13-4		18530422	
CSEM	V	07 14 21 48.6--06	38.78N	26.84E	20	3.5		
ISK	V	07 14 21 49.5	38.79N	26.83E	35	3.4		
ATH	V	07 14 21 50.0	38.83N	26.70E	35-2	3.5		
NEIC	V	07 14 21 50.0	38.83N	26.70E	35	3.5,3.4		
ISC		Event type ke.						
ISCJB	Event type ke.	Error ellipse: s-maj=4.2km s-min=3.1km az=140.6.						
CSEM	Event type ke.	Error ellipse: s-maj=1.7km s-min=1.2km az=66.0.						
ATH	Error ellipse: s-maj=1.3km s-min=3.6km az=1.0.							
NEIC	Event type se.	After ATH.						
ISC	V	11 15 05 29.3--98	38.58N-03	26.22E-07	17-5		17	0-2
ISCJB	V	11 15 05 29.3--1.1	38.59N-03	26.20E-08	22-8		18530503	
ATH	V	11 15 05 29.0	38.59N	26.25E	37	2.9		
CSEM	V	11 15 05 29.5--32	38.55N	26.32E	20	2.9		
ISK	V	11 15 05 34.2	38.42N	26.56E	32	3.0		
ISC		Event type ke.						
ISCJB	Event type ke.	Error ellipse: s-maj=10.4km s-min=5.7km az=2.2.						
CSEM	Event type ke.	Error ellipse: s-maj=8.1km s-min=5.9km az=89.0.						
ISC	V	11 21 30 44.4--69	38.20N-03	26.60E-05	14-4		25	0-3
ISCJB	V	11 21 30 43.6--83	38.16N-03	26.59E-06	12-5		18530507	
CSEM	V	11 21 30 43.4--09	38.20N	26.63E	10	3.1		
ATH	V	11 21 30 44.0	38.17N	26.48E	19-2	3.0		
ISK	V	11 21 30 44.8	38.15N	26.73E	16	3.1		
ISC		Event type ke.						

ISCJB	Event type ke.	Error ellipse: s-maj=7.3km s-min=5.6km az=158.0.						
CSEM	Event type ke.	Error ellipse: s-maj=2.3km s-min=1.9km az=96.0.						
ATH	Error ellipse: s-maj=0.1km s-min=0.6km az=1.0.							
ISC	V	13 11 01 30.5--43	38.72N-02	26.85E-04	14-3		38	0-3
ISCJB	V	13 11 01 29.9--44	38.72N-02	26.85E-03	10-4		18530549	
CSEM	V	13 11 01 29.6--11	38.73N	26.84E	15	3.1		
ISK	V	13 11 01 30.2	38.62N	26.86E	32	3.1		
ATH	V	13 11 01 31.2	38.56N	26.35E	9-0	3.0		
ISC		Event type ke.						
ISCJB	Event type ke.	Error ellipse: s-maj=4.5km s-min=3.4km az=168.1.						
CSEM	Event type ke.	Error ellipse: s-maj=2.9km s-min=2.1km az=102.0.						
ISC	V	15 04 35 55.7--49	39.98N-03	23.64E-06	13-5		22	0-2
SOF	V	15 04 35 54.2	40.05N	23.18E	7	2.6	19131512	
ATH	V	15 04 35 54.8	39.96N	23.75E	16-15	3.0		
ISCJB	V	15 04 35 55.2--49	39.98N-03	23.61E-06	14-5	3.0		
NEIC	V	15 04 35 55.1	39.99N	23.55E	29	3.0		
CSEM	V	15 04 35 55.9--13	40.06N	23.08E	15	3.0		
ISC		Event type ke.						
ATH	Error ellipse: s-maj=2.2km s-min=11.5km az=1.0.							
ISCJB	Event type ke.	Error ellipse: s-maj=7.5km s-min=4.1km az=20.5.						
NEIC	Event type se.	After ATH.						
CSEM	Event type ke.	Error ellipse: s-maj=6.1km s-min=1.9km az=96.0.						
ISC	V	17 05 42 24.0--61	38.23N-03	26.76E-04	1-7		23	0-2
ISCJB	V	17 05 42 24.0--73	38.24N-03	26.77E-04	5-6		18530615	
ATH	V	17 05 42 23.1	38.14N	26.43E	10	3.0		
CSEM	V	17 05 42 23.6--11	38.21N	26.81E	2	2.7		
ISK	V	17 05 42 25.0	38.30N	26.82E	19	2.7		
ISC		Event type ke.						
ISCJB	Event type ke.	Error						

ISC	IV	04 09 38 02.3-60	39.09N-03	27.65E-05	10			14	0-1	ISC	Event type ke.									
ISC	IV	04 15 13 33.6-84	37.19N-05	28.18E-07	10			9	0-1	ISCJB	Event type ke. Error ellipse: s-maj=5.1km s-min=4.3km az=35.6.									
ISC	IV	04 15 49 30.5-73	38.76N-05	31.25E-06	15-13			11	0-1	CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=2.2km az=100.0.									
ISC	IV	05 12 01 01.4-84	40.98N-07	39.06E-04	10			11	1-2	NEIC	Event type se. After ISK.									
ISC	IV	05 21 55 47.0-60	40.06N-04	38.74E-05	10			12	1-2	ISC	IV	23 12 56 27.9-74	38.51N-04	31.28E-05	10				12	1-2
ISCJB	IV	05 21 55 46.8-60	40.06N-04	38.79E-05	10			11	1-2	ISC	IV	26 10 21 16.8-69	39.66N-04	29.42E-05	3-14				12	1-1
CSEM	IV	05 21 55 46.6	40.09N	38.80E	22	3.5		17	1-3	ISC	IV	29 07 21 42.5-42	38.90N-02	28.04E-03	4-6				32	1-4
ISK	IV	05 21 55 46.6	40.09N	38.80E	22	3.5		17	1-3	ATH	IV	29 07 21 41.6	38.95N	27.97E	10	3.5			17	999894
ISCJB	IV	05 21 55 46.6	40.09N	38.80E	22	3.5		17	1-3	ISCJB	IV	29 07 21 42.3-38	38.93N-03	28.10E-03	10	3.5				
CSEM	IV	05 21 55 46.6	40.09N	38.80E	22	3.5		17	1-3	ISC	VI	07 17 00 40.9-39	39.17N-02	27.92E-03	1-4				62	0-3
ISC	IV	06 01 57 14.5-69	39.37N-04	33.91E-04	10			14	0-2	CSEM	VI	07 17 00 39.8-04	39.17N	27.88E	2	3.2				
ISC	IV	06 06 35 25.8-63	39.59N-03	38.07E-06	10			12	1-2	ATH	VI	07 17 00 39.3	39.23N	27.98E	10-4	3.4				
ISC	IV	10 13 09 38.7-58	39.76N-03	33.92E-05	10			14	0-2	ISCJB	VI	07 17 00 40.6-25	39.17N-02	27.92E-03	2	3.4				
ISC	III	21 11 29 06.0-52	39.77N-02	41.77E-02	3-4	4.5s, 4.3b		95	0-76	ISK	VI	07 17 00 40.7	39.18N	27.87E	7	3.2				
CSEM	III	21 11 29 04.5-07	39.75N	41.74E	5	3.8, 4.3b		11	0-2	ISC	Event type ke.									
TIF	III	21 11 29 04.7	39.74N	41.76E	15-3	3.8, 4.3b		14	0-2	CSEM	Event type ke. Error ellipse: s-maj=1.3km s-min=0.7km az=116.0.									
BJI	III	21 11 29 04.1	40.26N	41.73E	7	4.7b, 4.7b		14	0-2	ATH	Error ellipse: s-maj=2.8km s-min=3.5km az=-1.0.									
IDC	III	21 11 29 04.6-2.5	39.51N	41.70E	0	3.6L, 3.5		95	0-76	ISCJB	Event type ke. Error ellipse: s-maj=3.0km s-min=2.2km az=53.8.									
NEIC	III	21 11 29 05.8	39.77N	41.69E	16	4.1b, 4.0L		14	0-2	ISC	VI	10 03 09 29.4-54	37.87N-03	29.41E-04	9-5				25	0-2
MOS	III	21 11 29 05.6-1.5	39.82N	41.76E	10	4.2b, 4.0L		14	0-2	ISC	VI	10 03 09 28.9-57	37.87N-03	29.42E-04	6-6					
ISK	III	21 11 29 05.8	39.78N	41.72E	16	3.8, 4.0L		95	0-76	ISCJB	VI	10 03 09 28.5	37.90N	29.39E	6	3.1				
ISCJB	III	21 11 29 07.0-54	39.79N-03	41.72E-04	19-5	4.5s, 4.3b		14	0-2	CSEM	VI	10 03 09 28.2-06	37.90N	29.38E	5	3.1				
SZGRF	III	21 11 29 12.6	39.56N	41.35E	33	4.0b, 4.3b		95	0-76	ISC	Event type ke.									
ISC	Event type ke.							82	0-55	ISCJB	Event type ke. Error ellipse: s-maj=6.4km s-min=4.8km az=96.1.									
CSEM	Event type ke. Error ellipse: s-maj=2.1km s-min=1.9km az=38.0.							11	0-60	CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.3km az=157.0.									
IDC	Error ellipse: s-maj=52.0km s-min=14.8km az=9.0.							11	0-60	ISC	VI	12 08 24 21.6-36	40.78N-02	27.52E-03	8-3					
NEIC	Event type se. After ISK.							11	0-60	ISC	VI	12 08 24 21.2-06	40.78N	27.53E	10	3.1				
MOS	Error ellipse: s-maj=10.5km s-min=7.8km az=85.8.							11	0-60	ISC	VI	12 08 24 21.2	40.78N	27.49E	16	3.1				
ISCJB	Event type ke. Error ellipse: s-maj=4.8km s-min=4.0km az=72.4.							11	0-60	ATH	VI	12 08 24 27.9	40.70N	26.86E	29	3.5				
SZGRF	Turkey.							11	0-60	ISC	Event type ke.									
ISC	III	21 18 10 18.9-66	39.79N-02	41.78E-03	2-5	3.5b		82	0-55	ISCJB	Event type ke. Error ellipse: s-maj=4.0km s-min=3.4km az=146.9.									
MOS	III	21 18 10 17.1-2.5	39.71N	41.71E	10	4.2b		92	0-40	CSEM	Event type ke. Error ellipse: s-maj=1.4km s-min=1.2km az=160.0.									
CSEM	III	21 18 10 17.8-07	39.78N	41.74E	5	3.9		11	0-60	ISC	VI	15 23 30 05.1-74	38.75N-04	43.33E-09	11-7				18	0-2
ISK	III	21 18 10 18.6	39.80N	41.75E	11	3.9		11	0-60	ISK	VI	15 23 30 03.7	38.78N	43.25E	8	3.3				
NEIC	III	21 18 10 18.3	39.80N	41.74E	10	4.1b, 3.9		11	0-60	CSEM	VI	15 23 30 03.5-28	38.75N	43.39E	5	3.3				
ISCJB	III	21 18 10 19.2-64	39.79N-03	41.74E-03	10-5	3.5b, 3.9		11	0-60	ISCJB	VI	15 23 30 04.6-77	38.76N-04	43.32E-08	9-8	3.3				
IDC	III	21 18 10 19.7-4.0	39.11N	41.96E	38-41	3.3, 3.3		11	0-60	ISC	Event type ke.									
ISC	Event type ke.							11	0-60	CSEM	Event type ke.									
MOS	Error ellipse: s-maj=9.5km s-min=8.2km az=76.6.							11	0-60	ISC	VI	17 19 39 39.7-41	37.93N-02	27.16E-03	8-4				41	0-3
CSEM	Event type ke. Error ellipse: s-maj=2.3km s-min=1.5km az=38.0.							11	0-60	ISK	VI	17 19 39 38.9	37.98N	27.06E	22	3.1				
NEIC	Event type se. After ISK.							11	0-60	CSEM	VI	17 19 39 38.8-09	37.95N	27.17E	10	3.2				
ISCJB	Event type ke. Error ellipse: s-maj=4.4km s-min=3.7km az=126.0.							11	0-60	ISCJB	VI	17 19 39 39.1-45	37.93N-02	27.18E-03	3-5	3.2				
IDC	Error ellipse: s-maj=75.1km s-min=21.0km az=1.0.							11	0-60	ATH	VI	17 19 39 41.0	37.90N	27.05E	5-2	3.2				
ISC	IV	13 21 58 44.0-66	37.86N-03	27.53E-05	10			14	0-1	NEIC	VI	17 19 39 42.6	37.89N	26.71E	5	3.2				
ISC	III	15 21 06 44.1-51	37.42N-02	37.59E-03	5-4	3.6b		11	0-60	ISC	Event type ke.									
CSEM	III	15 21 06 42.6-04	37.44N	37.59E	5	3.8		92	0-40	CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=1.6km az=87.0.									
NEIC	III	15 21 06 42.0	37.45N	37.60E	6	4.0L		11	0-60	ISCJB	Event type ke. Error ellipse: s-maj=4.3km s-min=3.5km az=163.3.									
GRAL	III	15 21 06 42.8-66	37.40N	38.44E	15-0	4.4		11	0-60	ATH	Error ellipse: s-maj=0.9km s-min=1.8km az=-1.0.									
ISK	III	15 21 06 42.7	37.47N	37.59E	4	3.8, 3.8L		11	0-60	NEIC	Event type se. After ATH.									
ISCJB	III	15 21 06 43.5-49	37.43N-02	37.59E-03	8-4	3.6b, 3.8L		11	0-60	ISC	VI	22 00 21 50.9-61	38.74N-03	43.41E-06	4-6				30	0-3
IDC	III	15 21 06 43.4-1.7	37.42N	37.56E	0	3.7, 3.6b		11	0-60	ISCJB	VI	22 00 21 50.6-71	38.74N-03	43.35E-06	2-6					
ISC	Event type ke.							11	0-60	CSEM	VI	22 00 21 50.4-10	38.74N	43.40E	12	3.6				
CSEM	Event type ke. Error ellipse: s-maj=1.1km s-min=0.9km az=149.0.							11	0-60	ISK	VI	22 00 21 50.3	38.75N	43.33E	10	3.6				
NEIC	Event type se. After ISK.							11	0-60	ISC	Event type ke.									
GRAL	Error ellipse: s-maj=20.7km s-min=32.4km az=-1.0.							11	0-60	ISCJB	Event type ke. Error ellipse: s-maj=7.7km s-min=4.7km az=159.0.									
ISCJB	Event type ke. Error ellipse: s-maj=3.7km s-min=2.7km az=66.0.							11	0-60	CSEM	Event type ke. Error ellipse: s-maj=3.0km s-min=1.9km az=85.0.									
IDC	Error ellipse: s-maj=33.9km s-min=20.9km az=22.0.							11	0-60	ISC	VI	03 11 07 43.7-24	37.54N-02	43.89E-03	10	3.9b, 3.6s			133	0-96
ISC	III	16 18 56 17.3-39	38.65N-02	43.25E-04	9			45	0-5	ISC	VI	03 11 07 39.9-18	37.67N	44.01E	10	4.2b, 3.3s				
NSSP	III	16 18 56 15.8	38.63N	43.22E	8	3.1L		11	0-60	ISK	VI	03 11 07 40.0	37.63N	44.08E	20	3.7, 3.3s				
CSEM	III	16 18 56 16.3-08	38.62N	43.34E	10	3.7		11	0-60	ISCJB	VI	03 11 07 41.8-25	37.51N-02	43.90E-03	10	3.9b, 3.6s				
ISK	III	16 18 56 16.5	38.63N	43.30E	9	3.7		11	0-60	IDC	VI	03 11 07 42.5-1.1	37.52N	43.73E	0	4.0, 3.9				
ISCJB	III	16 18 56 17.0-39	38.65N-03	43.26E-04	9	3.7		11	0-60	MOS	VI	03 11 07 44.2-1.3	37.63N	43.70E	10	4.1b, 3.9				
ISC	Event type ke.							11	0-60	NEIC	VI	03 11 07 45.0-52	37.61N	43.79E	10	4.1b, 3.1L				
CSEM	Event type ke. Error ellipse: s-maj=1.1km s-min=0.9km az=149.0.</																			

ISCJB	VI	12 22 41 06.1-53	37.81N-03	21.20E-05	10	3.2b,3.5L			
MOS	VI	12 22 41 06.3-35	37.83N	21.24E	33	3.7b,3.5L			
CSEM	VI	12 22 41 07.6-12	37.83N	21.23E	15	3.5L,3.5L			
ISC		Event type ke.							
IDC		Error ellipse: s-maj=68.3km s-min=28.7km az=126.0.							
NEIC		Event type se. After ATH.							
ATH		Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.							
ISCJB		Event type ke. Error ellipse: s-maj=6.2km s-min=3.6km az=118.8.							
MOS		Error ellipse: s-maj=13.8km s-min=8.3km az=85.5.							
CSEM		Event type ke. Error ellipse: s-maj=3.1km s-min=1.8km az=55.0.							
ISC	VI	13 02 25 59.4-22	37.78N-02	21.88E-02	75-4	3.9b	213	0-60	
HLW	VI	13 02 25 57.1	37.66N	22.00E	33	4.2b	¶18855305		
IDC	VI	13 02 25 57.3-1.4	37.81N	22.07E	47-18	3.8,3.8b			
ISCJB	VI	13 02 25 58.2-23	37.79N-02	21.87E-02	82-4	3.9b,3.8b			
MOS	VI	13 02 25 58.1-98	37.78N	21.84E	75	4.3b,3.8b			
ATH	VI	13 02 25 58.7	37.80N	21.95E	71-5	3.6L,3.8b			
CSEM	VI	13 02 25 58.2-06	37.77N	21.92E	80	4.0b,3.8b			
NEIC	VI	13 02 25 58.8	37.79N	21.95E	70	3.6,3.8b			
THE	VI	13 02 25 59.4	37.80N	21.93E	75	4.1L,3.8b			
PDG	VI	13 02 26 01.4-20	38.08N	21.04E	12-1	4.1L,3.8b			
ISC		Event type ke.							
IDC		Error ellipse: s-maj=13.3km s-min=12.1km az=43.0.							
ISCJB		Event type ke. Error ellipse: s-maj=3.9km s-min=2.7km az=78.7.							
MOS		Error ellipse: s-maj=7.6km s-min=4.1km az=96.2.							
ATH		Error ellipse: s-maj=1.7km s-min=1.9km az=-1.0.							
CSEM		Event type ke. Error ellipse: s-maj=1.8km s-min=1.1km az=29.0.							
NEIC		Event type se. After ATH.							
PDG		Error ellipse: s-maj=115.1km s-min=33.9km az=-1.0.							
ATH	III	04 21 20 17.0	36.46N	23.15E	12-0	3.5,3.3L			
CSEM	III	04 21 20 17.0	36.46N	23.15E	12	3.5,3.3L	¶10597437		
NEIC	III	04 21 20 17.0	36.46N	23.15E	12	3.3L,3.3L			
ATH		Error ellipse: s-maj=0.4km s-min=0.8km az=-1.0.							
CSEM		After ATH.							
NEIC		Event type se. After ATH.							
ISC	VI	18 00 25 45.9-97	37.68N-04	21.34E-06	3-6		25	0-4	
NEIC	VI	18 00 25 45.5	37.69N	21.36E	19	2.6L	¶19222202		
ATH	VI	18 00 25 45.5	37.69N	21.36E	19-1	2.9,2.6L			
CSEM	VI	18 00 25 45.5	37.69N	21.36E	19	2.9,2.6L			
ISCJB	VI	18 00 25 46.2-72	37.71N-04	21.37E-06	10	2.9,2.6L			
THE	VI	18 00 25 47.0	37.74N	21.38E	10	2.8L,2.6L			
ISC		Event type se.							
NEIC		Event type se. After ATH.							
ATH		Error ellipse: s-maj=0.7km s-min=0.8km az=-1.0.							
CSEM		After ATH.							
ISCJB		Event type se. Error ellipse: s-maj=7.6km s-min=4.7km az=117.4.							
ISC	VI	25 09 23 22.5-1.8	36.73N-06	21.27E-07	4-13		18	1-8	
CSEM	VI	25 09 23 24.5-08	36.53N	21.15E	40	3.6	¶19222602		
NEIC	VI	25 09 23 24.2	36.79N	21.38E	20	3.6			
ATH	VI	25 09 23 24.2	36.79N	21.38E	20-2	3.6			
HLW	VI	25 09 23 27.3	36.66N	21.60E	33	3.3b			
ISC		Event type ke.							
CSEM		Event type ke. Error ellipse: s-maj=4.2km s-min=1.9km az=50.0.							
NEIC		Event type se. After ATH.							
ATH		Error ellipse: s-maj=1.7km s-min=1.7km az=-1.0.							
ISC	VI	02 22 12 55.1-41	37.55N-02	22.60E-04	76-8		65	1-11	
ISCJB	VI	02 22 12 53.7-39	37.54N-02	22.61E-04	90-6		¶19221367		
ATH	VI	02 22 12 54.4	37.54N	22.58E	72-2	3.5L			
NEIC	VI	02 22 12 54.4	37.53N	22.59E	71	3.5			
CSEM	VI	02 22 12 54.5-09	37.53N	22.58E	60	3.5L			
THE	VI	02 22 12 56.2	37.61N	22.67E	20	3.3L			
HLW	VI	02 22 13 04.7	36.83N	23.44E	33	3.8b			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=5.1km s-min=3.3km az=135.9.							
ATH		Error ellipse: s-maj=0.9km s-min=0.8km az=-1.0.							
NEIC		Event type se. After ATH.							
CSEM		Event type ke. Error ellipse: s-maj=2.8km s-min=2.5km az=170.0.							
ATH	III	11 13 51 31.6	37.85N	21.01E	5-4	3.6			
NEIC	III	11 13 51 31.7	37.86N	21.01E	5	3.6	¶10601861		
CSEM	III	11 13 51 31.7	37.86N	21.01E	5	3.6			
ATH		Error ellipse: s-maj=1.4km s-min=1.0km az=-1.0.							
NEIC		Event type se. After ATH.							
CSEM		After ATH.							
ATH	III	13 14 53 58.7	36.07N	23.72E	17-4	3.5			
NEIC	III	13 14 53 58.7	36.07N	23.72E	16	3.4	¶10603075		
CSEM	III	13 14 53 58.7	36.07N	23.72E	16	3.4			
ATH		Error ellipse: s-maj=4.2km s-min=4.2km az=-1.0.							
NEIC		Event type se. After ATH.							
CSEM		After ATH.							
ATH	VI	10 15 09 17.4	36.99N	21.06E	6-4	3.5			
NEIC	VI	10 15 09 17.4	36.99N	21.06E	6	3.5	¶19221735		
CSEM	VI	10 15 09 17.4	36.99N	21.06E	6	3.5			
ATH		Error ellipse: s-maj=2.6km s-min=2.6km az=-1.0.							
NEIC		Event type se. After ATH.							
CSEM		After ATH.							
ISC	VI	15 21 47 44.8-53	37.56N-03	22.70E-04	74-9		47	1-9	
CSEM	VI	15 21 47 42.9-08	37.53N	22.67E	80	3.1L	¶19222038		
ISCJB	VI	15 21 47 43.7-52	37.56N-03	22.70E-04	83-8	3.1L			
HLW	VI	15 21 47 43.2	37.12N	21.61E	33	3.5b			
ATH	VI	15 21 47 43.8	37.59N	22.68E	74-2	3.1L			
NEIC	VI	15 21 47 43.8	37.59N	22.68E	74	3.1			
THE	VI	15 21 47 45.5	37.58N	22.74E	22	3.1L			
ISC		Event type ke.							
CSEM		Event type ke. Error ellipse: s-maj=2.1km s-min=1.9km az=119.0.							
ISCJB		Event type ke. Error ellipse: s-maj=5.5km s-min=4.2km az=147.1.							
ATH		Error ellipse: s-maj=0.6km s-min=0.7km az=-1.0.							
NEIC		Event type se. After ATH.							
ATH	VI	27 07 49 50.9	36.87N	21.11E	42-1	3.5			
							¶19922505		
ATH		Error ellipse: s-maj=1.5km s-min=2.0km az=-1.0.							
ATH	IV	16 19 02 43.2	36.72N	22.74E	19-1	3.5L,3.3			
CSEM	IV	16 19 02 43.2	36.72N	22.74E	19	3.3,3.3	¶19788925		
NEIC	IV	16 19 02 43.2	36.72N	22.74E	19	3.5L,3.3			
ATH		Error ellipse: s-maj=2.3km s-min=1.6km az=-1.0.							
CSEM		After ATH.							
NEIC		Event type se. After ATH.							
ISC	II	03 01 17 24.9-1.3	36.47N-08	22.32E-07	18-5		25	1-5	
ISCJB	II	03 01 17 24.8-1.3	36.44N-08	22.38E-08	45-18		¶19489102		
CSEM	II	03 01 17 24.8-28	36.49N	22.28E	12	3.4			
ATH	II	03 01 17 24.3	36.48N	22.32E	29-2	3.4			
NEIC	II	03 01 17 25.7	36.45N	22.40E	32	3.4,3.0L			
THE	II	03 01 17 25.7	36.45N	22.40E	21	3.4,3.0L			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=14.8km s-min=9.9km az=56.8.							
CSEM		Event type ke. Error ellipse: s-maj=6.3km s-min=2.7km az=31.0.							
ATH		Error ellipse: s-maj=2.8km s-min=2.3km az=-1.0.							
NEIC		Event type se. After ATH.							
ATH	IV	18 01 10 27.2	37.94N	21.02E	5-1	3.8L			
CSEM	IV	18 01 10 27.2	37.94N	21.02E	5	3.0	¶19789949		
NEIC	IV	18 01 10 27.2	37.94N	21.02E	5	3.8L			
ATH		Error ellipse: s-maj=1.1km s-min=0.3km az=-1.0.							
CSEM		After ATH.							
NEIC		Event type se. After ATH.							
ATH	II	08 06 13 58.3	37.81N	21.09E	6-1	3.5			
CSEM	II	08 06 13 58.3	37.81N	21.09E	6	3.5	¶19491007		
NEIC	II	08 06 13 58.0	37.81N	21.09E	6	3.5			
ATH		Error ellipse: s-maj=0.3km s-min=0.2km az=-1.0.							
CSEM		After ATH.							
NEIC		Event type se. After ATH.							
ATH	II	08 12 56 53.3	37.69N	21.56E	31-0	3.5			
CSEM	II	08 12 56 53.3	37.69N	21.56E	31	3.5	¶19491071		
ATH		Error ellipse: s-maj=0.5km s-min=1.1km az=-1.0.							

CSEM		After ATH.							
ATH	II	08 14 17 30.2	37.82N	21.09E	5-4	3.7			
CSEM	II	08 14 17 30.2	37.82N	21.09E	5	3.7			¶19491090
NEIC	II	08 14 17 30.0	37.82N	21.09E	5	3.7			
ATH		Error ellipse: s-maj=1.0km s-min=0.9km az=-1.0.							
CSEM		After ATH.							
NEIC		Event type se. After ATH.							
ISC	II	09 06 59 42.6-65	37.72N-04	21.16E-06	11	3.7b	40	0-46	
THE	II	09 06 59 40.9	37.57N	21.22E	10	3.5L	¶18085341		
ISCJB	II	09 06 59 41.3-68	37.67N-05	21.10E-06	11	3.7b			
CSEM	II	09 06 59 42.8-15	37.71N	21.24E	2	3.6L			
ATH	II	09 06 59 42.9	37.78N	21.32E	11-1	3.6,3.6L			
NEIC	II	09 06 59 45.0	37.82N	21.25E	0	3.1L,3.1L			
NAO	II	09 06 59 50.7	38.21N	21.41E	33	3.8b,3.1L			
IDC	II	09 06 59 50.9-3.4	37.94N	21.29E	79-37	3.7,3.5			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=8.0km s-min=5.8km az=94.9.							
CSEM		Event type ke. Error ellipse: s-maj=4.8km s-min=2.0km az=44.0.							
ATH		Error ellipse: s-maj=0.7km s-min=0.8km az=-1.0.							
NEIC		Event type se. After ATH.							
IDC		Error ellipse: s-maj=28.7km s-min=21.3km az=113.0.							
ISC	II	11 05 51 42.5-34	36.04N-03	23.30E-05	73-5	3.5b	66	0-76	
CSEM	II	11 05 51 40.7-07	35.96N	23.34E	80	3.5	¶19491997		
ISCJB	II	11 05 51 41.7-38	36.04N-04	23.26E-05	79-5	3.5b			
IDC	II	11 05 51 42.8-3.5	36.17N	23.28E	63-40	3.8,3.5b			
THE	II	11 05 51 43.7	36.17N	23.32E	60	3.4L,3.5b			
NEIC	II	11 05 51 43.1-84	36.26N	23.27E	63-12	3.4L,3.5b			
ATH	II	11 05 51 43.1	36.14N	23.37E	56-1	3.5,3.5L			
HLW	II	11 05 51 44.2	35.78N	23.88E	11	3.8b,3.5L			
ISC		Event type ke.							
CSEM		Event type ke. Error ellipse: s-maj=2.9km s-min=1.6km az=68.0.							
ISCJB		Event type ke. Error ellipse: s-maj=8.5km s-min=4.0km az=101.6.							
IDC		Error ellipse: s-maj=30.5km s-min=18.8km az=127.0.							
NEIC		Event type se. Error ellipse: s-maj=17.0km s-min=11.0km az=222.0.							
ATH		Error ellipse: s-maj=0.8km s-min=1.2km az=-1.0.							
ISC	II	14 12 49 23.1-1.1	37.49N-04	21.25E-06	5-6	3.6b	46	1-45	
IDC	II	14 12 49 19.5-1.3	37.59N	21.42E	0	3.8b,3.8	¶19493056		
ATH	II	14 12 49 23.8	37.53N	21.38E	18-0	3.6,3.5L			
CSEM	II	14 12 49 25.3-17	37.58N	21.30E	20	3.5L,3.5L			
ISC		Event type ke.							
IDC		Error ellipse: s-maj=38.4km s-min=20.8km az=115.0.							
ATH		Error ellipse: s-maj=0.8km s-min=1.1km az=-1.0.							
CSEM		Event type ke. Error ellipse: s-maj=4.4km s-min=2.3km az=57.0.							
ISC	II	14 21 18 54.6-49	36.52N-04	24.04E-09	106-7	3.5b	26	1-45	
IDC	II	14 21 18 28.3-8.1	35.05N	22.61E	0	3.7b,3.7	¶19493177		
HLW	II	14 21 18 52.0	36.71N	24.52E	33	3.7b,3.7			
ISCJB	II	14 21 18 53.8-48	36.53N-04	24.05E-09	111-7	3.5b,3.7			
CSEM	II	14 21 18 56.1-23	36.58N	24.14E	64-7	3.1,3.7			
ATH	II	14 21 18 56							

MOS	V	11 01 47 45.2-1.1	36.04N	23.28E	61	4.2b			
ISCJB	V	11 01 47 46.4-24	36.14N-02	23.34E-02	81-3	3.8b			
CSEM	V	11 01 47 46.9-06	36.16N	23.51E	80	4.0b			
HLW	V	11 01 47 46.3	36.18N	23.80E	33	4.4b			
ATH	V	11 01 47 47.4	36.18N	23.49E	56-2	3.9,3.9L			
NEIC	V	11 01 47 47.4	36.19N	23.50E	55	3.9,3.9L			
PDG	V	11 01 47 47.2-57	36.22N	23.28E	40-11	3.9,3.9L			
IDC	V	11 01 47 48.1-1.2	36.18N	23.51E	71-15	3.8,3.7			
THE	V	11 01 47 49.0	36.25N	23.46E	47	4.1L,3.7			
ISC	Event type ke.								
MOS	Error ellipse: s-maj=7.6km s-min=3.5km az=95.6.								
ISCJB	Event type ke. Error ellipse: s-maj=3.9km s-min=2.1km az=85.6.								
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=0.9km az=40.0.								
ATH	Error ellipse: s-maj=0.6km s-min=0.7km az=-1.0.								
NEIC	Event type se. After ATH.								
PDG	Error ellipse: s-maj=1.7km s-min=0.8km az=-1.0.								
IDC	Error ellipse: s-maj=17.7km s-min=13.0km az=36.0.								
ISC	V	06 00 56 23.7-60	37.79N-02	21.01E-02	1-4	3.4b	91	0-45	
IDC	V	06 00 56 22.0-1.1	37.71N	21.11E	0	3.5b,3.5			
ISCJB	V	06 00 56 22.4-58	37.78N-02	20.98E-02	1-4	3.4b,3.5			
THE	V	06 00 56 23.4	37.75N	20.96E	1	3.5L,3.5			
ATH	V	06 00 56 24.3	37.87N	21.10E	10-1	3.8,3.6L			
NEIC	V	06 00 56 24.3	37.87N	21.10E	9	3.6L,3.6L			
CSEM	V	06 00 56 24.1-08	37.78N	20.98E	2	3.6L,3.6L			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=20.6km s-min=18.5km az=96.0.								
ISCJB	Event type ke. Error ellipse: s-maj=3.9km s-min=3.1km az=28.8.								
ATH	Error ellipse: s-maj=1.0km s-min=1.0km az=-1.0.								
NEIC	Event type se. After ATH.								
CSEM	Event type ke. Error ellipse: s-maj=2.4km s-min=1.4km az=16.0.								
ISC	V	25 06 20 13.8-27	36.48N-02	21.30E-03	35	3.8b,3.1s	145	1-46	
ISCJB	V	25 06 20 11.2-28	36.43N-02	21.24E-03	33	3.8b,3.1s			
ATH	V	25 06 20 11.5	36.53N	21.25E	24-1	4.1L,3.9			
NEIC	V	25 06 20 11.5	36.53N	21.25E	24	4.1L,4.1L			
MOS	V	25 06 20 12.6-1.5	36.62N	21.23E	33	4.1b,4.1L			
CSEM	V	25 06 20 12.9-08	36.52N	21.32E	15	4.1L,4.1L			
HLW	V	25 06 20 13.6	36.63N	21.78E	33	3.9b,4.1L			
PDG	V	25 06 20 14.5-15	36.83N	20.33E	2-1	3.9b,4.1L			
THE	V	25 06 20 14.9	36.57N	21.45E	24	3.9L,4.1L			
IDC	V	25 06 20 14.2-3.3	36.65N	21.37E	35-30	3.8L,3.8			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.0km s-min=2.8km az=77.5.								
ATH	Error ellipse: s-maj=1.8km s-min=2.0km az=-1.0.								
NEIC	Event type se. After ATH.								
MOS	Error ellipse: s-maj=14.6km s-min=5.9km az=90.8.								
CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=1.4km az=28.0.								
PDG	Error ellipse: s-maj=134.7km s-min=20.5km az=-1.0.								
IDC	Error ellipse: s-maj=18.8km s-min=16.2km az=118.0.								
ISC	V	03 22 57 05.7-1.5	37.56N-07	21.01E-10	8-12		10	1-2	
ISCJB	V	03 22 57 05.5-1.3	37.54N-07	21.02E-09	10				
ATH	V	03 22 57 06.2	37.54N	21.00E	10-3	3.5			
ISCJB	Error ellipse: s-maj=13.2km s-min=5.8km az=99.3.								
ATH	Error ellipse: s-maj=1.5km s-min=1.7km az=-1.0.								
ISC	V	08 16 38 35.2-71	37.81N-04	21.04E-05	5		27	0-4	
ISCJB	V	08 16 38 34.4-74	37.80N-04	21.01E-05	5				
NEIC	V	08 16 38 34.8	37.82N	21.08E	5	3.6L			
ATH	V	08 16 38 35.3	37.85N	21.08E	5-4	3.6L,3.6L			
THE	V	08 16 38 35.9	37.82N	20.91E	5	3.1L,3.6L			
CSEM	V	08 16 38 35.1-16	37.78N	21.02E	2	3.6L,3.6L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=7.2km s-min=4.0km az=91.9.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0.								
CSEM	Event type ke. Error ellipse: s-maj=5.3km s-min=1.8km az=50.0.								
ISC	V	14 19 57 12.8-43	37.47N-03	22.06E-04	10		33	0-4	
NEIC	V	14 19 57 11.8	37.49N	22.04E	16	3.4L			
ATH	V	14 19 57 11.8	37.49N	22.04E	16-2	3.5,3.4L			
ISCJB	V	14 19 57 12.3-43	37.48N-03	22.05E-04	10	3.5,3.4L			
CSEM	V	14 19 57 12.4-09	37.49N	22.10E	0-0	3.4L,3.4L			
THE	V	14 19 57 14.2	37.53N	22.23E	10	2.9L,3.4L			
ISC	Event type ke.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=0.8km s-min=1.2km az=-1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=5.2km s-min=3.5km az=156.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.2km s-min=1.5km az=72.0.								
ISC	V	11 17 16 35.3-98	37.85N-04	21.06E-05	0-6		39	0-4	
THE	V	11 17 16 35.4	37.86N	21.04E	10	3.4L			
ISCJB	V	11 17 16 36.0-58	37.90N-03	21.07E-04	10	3.4L			
NEIC	V	11 17 16 36.0	37.93N	21.10E	16	3.6			
ATH	V	11 17 16 36.0	37.93N	21.10E	16-1	3.6,3.6L			
CSEM	V	11 17 16 36.2-11	37.90N	21.06E	0-0	3.6L,3.6L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=6.2km s-min=3.6km az=90.5.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=1.3km s-min=1.1km az=-1.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.9km s-min=1.6km az=44.0.								
ISC	V	15 21 08 40.4-57	37.48N-02	22.07E-03	2-4	3.9b,2.8s	96	0-45	
IDC	V	15 21 08 38.9-1.0	37.51N	22.08E	0	3.7b,3.7			
NEIC	V	15 21 08 39.6	37.51N	22.05E	5	3.7L,3.7			
ATH	V	15 21 08 39.5	37.51N	22.06E	5-3	3.9,3.7L			
ISCJB	V	15 21 08 39.9-72	37.47N-02	22.04E-03	5-6	3.9b,2.8s			
CSEM	V	15 21 08 40.5-09	37.46N	21.95E	20	3.7L,2.8s			
MOS	V	15 21 08 41.1-1.2	37.64N	22.07E	10	4.0b,2.8s			
THE	V	15 21 08 44.9	37.44N	22.23E	21	3.6L,2.8s			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=18.1km s-min=16.2km az=33.0.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=0.5km s-min=0.7km az=-1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=4.7km s-min=3.3km az=115.2.								
CSEM	Event type ke. Error ellipse: s-maj=2.3km s-min=1.9km az=63.0.								
MOS	Error ellipse: s-maj=10.2km s-min=6.6km az=86.0.								
ISC	V	14 03 38 18.2-48	37.72N-02	22.75E-04	67-8		66	0-6	
NEIC	V	14 03 38 16.5	37.70N	22.77E	77	3.4			
ATH	V	14 03 38 16.4	37.73N	22.76E	78-4	3.4L			
ISCJB	V	14 03 38 17.2-46	37.72N-03	22.76E-04	74-6	3.4L			
CSEM	V	14 03 38 17.2-07	37.74N	22.78E	60	3.4L			
SKO	V	14 03 38 23.8	38.46N	22.47E	0	3.4L			
ISC	Event type ke.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=1.7km s-min=1.8km az=-1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=5.1km s-min=4.2km az=173.8.								
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.4km az=42.0.								
ISC	V	24 11 31 20.2-33	36.02N-03	23.31E-04	35		80	0-12	
ISCJB	V	24 11 31 17.6-36	36.00N-03	23.41E-03	33				
HLW	V	24 11 31 20.1	36.04N	23.68E	33	4.2b			
NEIC	V	24 11 31 21.2	36.23N	23.40E	46	3.7			
THE	V	24 11 31 21.2	36.16N	23.41E	81	3.8L			
CSEM	V	24 11 31 21.2-11	36.19N	23.38E	40	3.6L			
ATH	V	24 11 31 21.0	36.25N	23.48E	36-2	3.7,3.6L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.4km s-min=3.0km az=89.8.								
NEIC	Event type se. After ATH.								
CSEM	Event type ke. Error ellipse: s-maj=3.1km s-min=1.7km az=29.0.								
ATH	Error ellipse: s-maj=1.7km s-min=1.6km az=-1.0.								
ISC	I	03 19 05 05.1-68	37.89N-03	21.99E-05	9-6		37	0-3	
NEIC	I	03 19 05 04.8	37.88N	21.96E	28	3.4L,3.1L			
ATH	I	03 19 05 04.8	37.88N	21.96E	28-1	3.4,3.4L			
ISCJB	I	03 19 05 05.1-75	37.85N-03	21.98E-04	17-7	3.4,3.4L			
CSEM	I	03 19 05 05.3-11	37.90N	21.96E	3-1	3.4L,3.4L			
THE	I	03 19 05 06.4	37.90N	21.95E	14	3.0L,3.4L			
ISC	Event type ke.								

NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=0.8km s-min=1.2km az=-1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=5.6km s-min=4.7km az=168.6.								
CSEM	Event type ke. Error ellipse: s-maj=3.6km s-min=1.9km az=71.0.								
ISC	I	08 13 26 44.5-64	36.07N-04	23.41E-10	60-15		23	0-10	
ISCJB	I	08 13 26 42.9-56	36.03N-04	23.5E-10	66-14				
CSEM	I	08 13 26 42.7-19	36.02N	23.50E	51-8	4.0L			
NEIC	I	08 13 26 44.8	36.15N	23.37E	62	4.0L			
ATH	I	08 13 26 44.8	36.15N	23.37E	62-2	4.0L			
HLW	I	08 13 26 48.4	35.82N	23.86E	60	4.0b			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=15.9km s-min=6.8km az=165.1.								
CSEM	Event type ke. Error ellipse: s-maj=11.9km s-min=5.0km az=88.0.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=1.9km s-min=1.7km az=-1.0.								
ISC	I	08 17 12 06.8-74	36.07N-04	23.3E-10	49-16		18	0-7	
ISCJB	I	08 17 12 05.3-77	36.03N-04	23.3E-10	60-13				
HLW	I	08 17 12 05.9	36.03N	23.15E	33	3.3b			
NEIC	I	08 17 12 06.8	36.14N	23.36E	43	3.3			
ATH	I	08 17 12 06.8	36.14N	23.36E	43-1	3.5L,3.3			
CSEM	I	08 17 12 07.3-13	36.17N	23.34E	30	3.5L,3.3			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=19.0km s-min=6.7km az=173.6.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=0.9km s-min=1.9km az=-1.0.								
CSEM	Event type ke. Error ellipse: s-maj=3.6km s-min=2.9km az=46.0.								
ISC	I	08 17 23 56.2-62	36.06N-04	23.25E-09	62-16		28	0-10	
ISCJB	I	08 17 23 54.5-58	36.03N-04	23.23E-09	78-12				
CSEM	I	08 17 23 54.7-09	36.01N	23.37E	45-3	3.7L			
NEIC	I	08 17 23 56.2	36.13N	23.26E	58	3.5			
ATH	I	08 17 23 56.2	36.13N	23.26E	58-1	3.7L,3.5			
HLW	I	08 17 23 58.5	35.89N	23.61E	33	3.7b,3.5			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=12.6km s-min=6.3km az=155.8.								
CSEM	Event type ke. Error ellipse: s-maj=6.1km s-min=2.2km az=87.0.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=0.5km s-min=0.8km az=-1.0.								
ISC	I	08 17 30 23.7-48	36.07N-04	23.28E-07	68-11		33	0-10	
ISCJB	I	08 17 30 21.9-46	36.04N-04	23.25E-07	90-9				
CSEM	I	08 17 30 22.4-06	36.04N	23.30E	80	3.6L			
HLW	I	08 17 30 23.1	36.15N	23.60E	33	3.8b			
NEIC	I	08 17 30 24.5	36.17N	23.41E	47	3.5			
ATH	I	08 17 30 24.5	36.17N	23.41E	47-3	3.6L,3.5			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=10.8km s-min=4.9km az=126.2.								
CSEM	Event type ke. Error ellipse: s-maj=3.1km s-min=1.3km az=69.0.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=0.9km s-min=1.5km az=-1.0.								
ISC	I	09 08 13 10.1-42	36.07N-04	23.30E-06	68-6	3.4b	49	0-45	
ISCJB	I	09 08 13 08.8-44	36.04N-04	23.27E-06	79-6	3.4b			

CSEM	IV	17 13 19 39.5	35.51N	27.39E	27	3.2			
NEIC	IV	17 13 19 39.5	35.51N	27.39E	27	3.2			
ISCJB	IV	17 13 19 41.1-1.1	35.6N-10	27.3E-10	25-7	3.2			
ISC	Event type se.								
CSEM	After ATH.								
NEIC	Event type se. After ATH.								
ISCJB	Event type se.								
ISC	IV	17 14 00 00.8-40	36.98N-02	28.32E-03	14-4		31	0-2	
CSEM	IV	17 13 59 58.8-08	37.00N	28.31E	12	3.0	¶18504522		
ISCJB	IV	17 14 00 00.3-47	37.00N-02	28.33E-03	11-4	3.0			
ISK	IV	17 14 00 00.3	37.02N	28.34E	16	3.0			
ATH	IV	17 14 00 01.2	36.89N	28.29E	25-1	3.1			
NEIC	IV	17 14 00 01.2	36.89N	28.29E	25	3.1			
ISC	Event type ke.								
CSEM	Error ellipse: s-maj=1.9km s-min=1.9km az=129.0.								
ISCJB	Event type ke. Error ellipse: s-maj=4.2km s-min=4.0km az=59.1.								
ATH	Error ellipse: s-maj=1.3km s-min=0.8km az=-1.0.								
NEIC	Event type se. After ATH.								
ISC	IV	16 02 27 44.3-1.1	36.28N-04	27.13E-10	34-11		31	1-11	
HLW	IV	16 02 27 38.3	36.69N	27.04E	33	3.9b	¶18504456		
ISK	IV	16 02 27 40.9	36.15N	27.04E	30	3.3			
CSEM	IV	16 02 27 42.1-1.1	36.19N	27.21E	25	3.3			
ISCJB	IV	16 02 27 43.3-68	36.18N-08	27.2E-10	42-41	3.3			
ISC	Event type ke.								
CSEM	Event type ke.								
ISCJB	Event type ke.								
ISC	IV	17 19 15 08.6-58	36.96N-03	28.29E-04	16-4		39	0-3	
ISCJB	IV	17 19 15 07.8-63	36.92N-03	28.31E-04	10-4		¶18504535		
CSEM	IV	17 19 15 07.6-09	37.00N	28.34E	12	3.2			
ISK	IV	17 19 15 07.5	36.96N	28.34E	19	3.2			
ATH	IV	17 19 15 08.5	36.97N	28.20E	21-3	3.2			
NEIC	IV	17 19 15 08.5	36.97N	28.20E	21	3.2			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=5.5km s-min=4.2km az=88.4.								
CSEM	Event type ke. Error ellipse: s-maj=2.1km s-min=1.5km az=150.0.								
ATH	Error ellipse: s-maj=2.1km s-min=2.7km az=-1.0.								
NEIC	Event type se. After ATH.								
ISC	IV	17 20 31 56.1-52	36.96N-02	28.27E-03	15-4	3.4b	81	1-41	
IDC	IV	17 20 31 53.9-1.4	36.85N	28.37E	0	3.6,3.5b	¶18504537		
NEIC	IV	17 20 31 54.5	36.99N	28.28E	19	3.7,3.5b			
ATH	IV	17 20 31 54.5	36.99N	28.28E	19-1	3.7,3.5b			
HLW	IV	17 20 31 54.8	37.15N	28.48E	33	3.3b,3.5b			
CSEM	IV	17 20 31 54.6-07	36.94N	28.08E	60	3.5,3.5b			
ISK	IV	17 20 31 56.6	37.04N	28.19E	26	3.5,3.5b			
ISCJB	IV	17 20 31 56.5-26	36.93N-02	28.25E-03	48-7	3.4b,3.5b			
ISC	Event type ke.								
NEIC	Event type se. After ATH.								
CSEM	Event type ke.								
ISCJB	Event type ke.								
ISC	IV	17 23 36 53.1-43	36.96N-02	28.34E-02	8-3	3.3b	140	0-41	
ATH	IV	17 23 36 52.6	37.01N	28.27E	20-1	3.6	¶18320716		
ISCJB	IV	17 23 36 52.1-47	36.93N-02	28.36E-02	13-3	3.3b			
NEIC	IV	17 23 36 52.6	37.01N	28.27E	20	3.8b,3.6			
ISK	IV	17 23 36 53.3	37.02N	28.28E	20	3.5,3.6			
CSEM	IV	17 23 36 53.0-04	37.06N	28.30E	12	3.5,3.6			
THE	IV	17 23 36 55.5	37.01N	28.13E	2	3.5,3.6			
IDC	IV	17 23 36 56.7-3.6	36.86N	28.45E	37-36	3.5L,3.5			
HLW	IV	17 23 36 57.3	36.69N	28.60E	16	3.8b,3.5			
ISC	Event type ke.								
ATH	Error ellipse: s-maj=1.1km s-min=1.2km az=-1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=2.8km s-min=2.8km az=5.8.								
NEIC	Event type se. After ATH.								
CSEM	Event type ke. Error ellipse: s-maj=1.1km s-min=0.9km az=149.0.								
IDC	Error ellipse: s-maj=33.2km s-min=17.1km az=139.0.								
ISC	IV	17 12 09 41.3-52	36.97N-03	28.33E-04	15-4		24	0-2	
CSEM	IV	17 12 09 40.2-09	37.04N	28.34E	5	3.1	¶18504507		
ATH	IV	17 12 09 40.2	36.99N	28.33E	16-6	3.1			
ISK	IV	17 12 09 40.6	37.02N	28.33E	17	3.1			
ISCJB	IV	17 12 09 41.1-56	36.96N-03	28.32E-04	11-5	3.1			
ISC	Event type ke.								
CSEM	Event type ke.								
ISCJB	Event type ke.								
ISC	IV	29 19 56 23.1-44	36.72N-03	28.48E-04	63-7		44	0-10	
CSEM	IV	29 19 56 20.7-10	36.66N	28.47E	58-1	3.2	¶18504829		
ISCJB	IV	29 19 56 21.6-41	36.69N-03	28.50E-04	73-5	3.2			
ISK	IV	29 19 56 23.0	36.75N	28.48E	53	3.2			
HLW	IV	29 19 56 24.2	36.51N	28.55E	33	3.6b			
ATH	IV	29 19 56 25.6	36.75N	28.10E	32-2	3.1			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=3.4km s-min=2.4km az=46.0.								
ISCJB	Event type ke. Error ellipse: s-maj=6.1km s-min=4.4km az=141.9.								
ATH	Error ellipse: s-maj=2.3km s-min=2.0km az=-1.0.								
ISC	IV	05 09 12 34.3-75	35.24N-03	27.20E-08	28-7		25	0-10	
HLW	IV	05 09 12 31.9	35.45N	27.26E	33	3.0b	¶19785257		
CSEM	IV	05 09 12 32.8-07	35.23N	27.36E	35-1	3.2			
ISCJB	IV	05 09 12 33.3-49	35.20N-04	27.20E-08	38-18	3.2			
ATH	IV	05 09 12 36.1	35.60N	27.01E	33-9	3.2			
NEIC	IV	05 09 12 36.0	35.58N	27.02E	34	3.2			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=3.1km s-min=1.7km az=63.0.								
ISCJB	Event type ke. Error ellipse: s-maj=11.3km s-min=6.3km az=32.4.								
ATH	Error ellipse: s-maj=12.8km s-min=6.5km az=-1.0.								
NEIC	Event type se. After ATH.								
ISC	IV	27 06 44 05.4-85	35.77N-04	27.02E-07	10-8		19	0-3	
ATH	IV	27 06 44 04.6	35.81N	27.08E	7	3.1	¶18504778		
ISCJB	IV	27 06 44 05.0-86	35.80N-04	27.05E-07	6-8	3.1			
CSEM	IV	27 06 44 05.4-14	35.81N	27.10E	10	3.2			
ISK	IV	27 06 44 06.3	35.87N	26.96E	20	3.2			
ISC	Event type ke.								
ATH	Error ellipse: s-maj=4.9km s-min=2.6km az=-1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=10.6km s-min=5.3km az=48.8.								
CSEM	Event type ke. Error ellipse: s-maj=4.6km s-min=2.5km az=123.0.								
ISC	IV	30 16 57 27.2-57	36.95N-04	28.30E-04	13-5		22	0-2	
ISCJB	IV	30 16 57 26.6-69	36.95N-04	28.30E-04	7-6		¶18504842		
CSEM	IV	30 16 57 26.5-08	36.98N	28.28E	15	3.2			
ATH	IV	30 16 57 26.6	36.98N	28.25E	16	3.1			
ISK	IV	30 16 57 26.6	36.99N	28.29E	16	3.2			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=6.4km s-min=5.7km az=102.5.								
CSEM	Event type ke. Error ellipse: s-maj=2.0km s-min=1.4km az=177.0.								
ISC	IV	22 04 37 52.1-46	36.91N-03	28.98E-03	7-4		34	0-3	
ISCJB	IV	22 04 37 51.6-50	36.93N-03	28.98E-03	4-5		¶18504657		
CSEM	IV	22 04 37 51.1-09	36.92N	28.99E	5	3.2			
ISK	IV	22 04 37 51.4	36.89N	28.99E	8	3.2			
ATH	IV	22 04 37 53.2	36.97N	28.71E	7-2	3.2			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=5.1km s-min=3.7km az=111.3.								
CSEM	Event type ke. Error ellipse: s-maj=2.2km s-min=1.7km az=173.0.								
ATH	Error ellipse: s-maj=1.9km s-min=3.0km az=-1.0.								
ISC	IV	10 08 52 10.3-47	36.98N-03	27.81E-03	7-4		49	0-3	
ISCJB	IV	10 08 52 09.9-51	36.97N-03	27.81E-03	5-5		¶18320267		
CSEM	IV	10 08 52 09.1-07	36.99N	27.97E	10	3.3			
ATH	IV	10 08 52 09.5	37.03N	27.97E	58-5	3.3			
ISK	IV	10 08 52 09.3	36.98N	27.80E	15	3.3			
NEIC	IV	10 08 52 09.3	36.98N	27.79E	16	3.3,3.3			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.7km s-min=3.9km az=133.9.								
CSEM	Event type ke. Error ellipse: s-maj=1.8km s-min=1.6km az=140.0.								
ATH	Error ellipse: s-maj=1.2km s-min=2.1km az=-1.0.								
NEIC	Event type se. After ISK.								
ISC	III	21 10 16 44.5-41	36.90N-02	27.78E-03	14-3	3.9b	126	0-63	

CSEM	III	21 10 16 42.5-05	36.85N	27.96E	20	3.7			¶10607761
NEIC	III	21 10 16 43.8	36.94N	27.77E	16	3.9,3.7L			
ISCJB	III	21 10 16 43.9-34	36.87N-02	27.78E-03	23-3	3.9b,3.7L			
ISK	III	21 10 16 43.9	36.94N	27.76E	16	3.7,3.7L			
ATH	III	21 10 16 43.7	36.97N	27.81E	26-2	3.9,3.7L			
NIC	III	21 10 16 46.6-50	36.19N	27.28E	25	3.3L,3.7L			
IDC	III	21 10 16 47.5-4.8	36.98N	27.70E	32-38	3.9,3.9			
HLW	III	21 10 16 48.3	36.76N	28.09E	29	3.8b,3.9			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=2.8km s-min=1.1km az=60.0.								
NEIC	Event type se. After ISK.								
ISCJB	Event type ke. Error ellipse: s-maj=3.6km s-min=3.1km az=150.9.								
ATH	Error ellipse: s-maj=1.7km s-min=1.5km az=-1.0.								
IDC	Error ellipse: s-maj=23.5km s-min=15.5km az=150.0.								
ISC	III	15 00 57 34.2-91	36.33N-05	26.69E-05	96-11		34	1-4	
CSEM	III	15 00 57 31.9-24	36.38N	26.76E	99-3	3.3	¶10603914		
ISCJB	III	15 00 57 33.5-82	36.33N-05	26.69E-05	99-9	3.3			
ISK	III	15 00 57 33.3	36.28N	26.73E	89	3.3			
ATH	III	15 00 57 34.8	36.33N	26.62E	40-5	3.4			
THE	III	15 00 57 36.8	36.27N	26.76E	22	3.4			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=3.9km s-min=2.0km az=139.0.								
ISCJB	Event type ke. Error ellipse: s-maj=8.9km s-min=5.1km az=110.5.								
ATH	Error ellipse: s-maj=1.9km s-min=1.5km az=-1.0.								
ISC	III	15 03 17 12.0-16	36.39N-01	28.27E-02	73-2	3.8b	315	0-57	
ISCJB	III	15 03 17 10.5-17	36.38N-01	28.30E-02	77-2	3.8b	¶10603967		
CSEM	III	15 03 17 10.0-04	36.40N	28.37E	74-0	4.0b			
ISK	III	15 03 17 11.4	36.52N	28.15E	82	3.7			
NEIC	III	15 03 17 11.3	36.51N	28.24E	62	3.9b			
MOS	III	15 03 17 11.4-92	36.39N	28.20E	80	3.9b			
ATH	III	15 03 17 11.2	36.51N	28.24E	63-1	4.4L			
IDC	III	15 03 17 12.8-2.0	36.47N	28.23E	73-19	3.9,3.7			
THE	III	15 03 17 15.3	36.47N	28.07E	30	4.1L,3.7			
HLW	III	15 03 17 16.3	35.93N	28.24E	33	4.4b,3.7			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=2.7km s-min=2.3km az=103.2.								
CSEM	Event type ke. Error ellipse: s-maj=1.3km s-min=0.8km az=45.0.								
NEIC	Event type se. After ATH.								
MOS	Error ellipse: s-maj=7.7km s-min=4.7km az=127.1.								
ATH	Error ellipse: s-maj=1.5km s-min=0.9km az=-1.0.								
IDC	Error ellipse: s-maj=23.4km s-min=11.1km az=148.0.								
ISC	III	16 13 56 00.2-50	37.88N-02	26.79E-04	14-4		25	0-2	
CSEM	III	16 13 55 59.8-10	37.88N	26.96E	15	2.9	¶10604806		
ISCJB	III	16 13 56 00.0-53	37.88N-02	26.80E-04	11-4	2.9			
ISK	III	16 13 56 00.9	37.91N	27.02E	24	2.9			
ATH	III	16 13 56 00.6	37.83N	2					

NAO	II	22 05 38 39.8	37.69N	29.92E	33	3.9b,4.3		
ISC	Event type se.							
GRAL	Error ellipse: s-maj=43.3km s-min=64.9km az=-1.0.							
NIC	Moment Tensor Solution. M0.1,30000x1015							
ISCJB	Event type se. Error ellipse: s-maj=2.5km s-min=1.7km az=61.3.							
MOS	Error ellipse: s-maj=5.4km s-min=2.9km az=104.5.							
ATH	Error ellipse: s-maj=1.3km s-min=0.8km az=-1.0.							
NEIC	Event type se. After ATH.							
IDC	Error ellipse: s-maj=14.1km s-min=9.9km az=126.0.							
SZGRF	Crete, Greece.							
ISC	II	23 23 47 39.9-49	36.54N-03	28.00E-05	72-7		41	0-10
CSEM	II	23 23 47 37.7-07	36.59N	28.13E	80	3.1		
ISCJB	II	23 23 47 38.4-45	36.51N-04	28.00E-06	81-6	3.1		
HLW	II	23 23 47 39.6	36.52N	28.22E	33	3.6b		
ATH	II	23 23 47 41.3	36.51N	27.82E	59	3.1		
ISK	II	23 23 47 41.5	36.72N	28.08E	50	3.0L		
ISC	Event type ke.							
CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=1.6km az=79.0.							
ISCJB	Event type ke. Error ellipse: s-maj=7.7km s-min=5.7km az=148.6.							
ISC	II	25 11 29 30.3-56	36.97N-03	28.03E-04	14-8		20	0-2
ATH	II	25 11 29 26.9	37.05N	28.54E	43	3.1		
CSEM	II	25 11 29 28.8-06	36.96N	28.02E	2	3.1		
ISCJB	II	25 11 29 29.8-64	36.96N-03	28.04E-05	4-8	3.1		
ISK	II	25 11 29 29.0	36.97N	28.01E	23	2.7L		
ISC	Event type ke.							
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.3km az=22.0.							
ISCJB	Event type ke. Error ellipse: s-maj=6.2km s-min=5.5km az=173.2.							
ISC	II	26 02 48 56.5-70	35.24N-05	27.22E-07	26-8		19	0-8
CSEM	II	26 02 48 52.8-47	35.49N	27.16E	111-6	3.3		
ISCJB	II	26 02 48 54.2-69	35.37N-08	27.36E-09	52-13	3.3		
HLW	II	26 02 48 56.8	35.26N	27.31E	33	3.0b		
NEIC	II	26 02 48 57.1	35.62N	26.94E	33	3.3		
ATH	II	26 02 48 57.1	35.62N	26.94E	33-2	3.3		
ISC	Event type ke.							
CSEM	Event type ke. Error ellipse: s-maj=12.1km s-min=3.3km az=161.0.							
ISCJB	Event type ke. Error ellipse: s-maj=14.1km s-min=10.0km az=76.5.							
NEIC	Event type se. After ATH.							
ATH	Error ellipse: s-maj=2.6km s-min=2.1km az=-1.0.							
ISC	V	25 15 49 17.5-1.1	36.50N-07	26.5E-10	124-10		18	1-12
HLW	V	25 15 49 15.8	36.50N	26.89E	33	3.1b		
ISCJB	V	25 15 49 16.7-1.0	36.49N-07	26.5E-10	128-9	3.1b		
CSEM	V	25 15 49 19.5-27	36.57N	26.50E	80	3.1L		
ATH	V	25 15 49 21.0	36.51N	26.34E	34	3.1		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=18.3km s-min=11.8km az=166.1.							
CSEM	Event type ke. Error ellipse: s-maj=13.5km s-min=6.9km az=93.0.							
ISC	V	03 09 52 13.6-63	36.42N-03	27.59E-05	10		23	0-2
ISK	V	03 09 52 11.9	36.40N	27.66E	14	3.0		
ATH	V	03 09 52 12.4	36.53N	27.68E	21-7	3.2		
CSEM	V	03 09 52 12.0-32	36.41N	27.64E	15	3.0		
ISCJB	V	03 09 52 13.2-63	36.42N-03	27.59E-05	10	3.0		
ISC	Event type ke.							
CSEM	Event type ke.							
ISCJB	Event type ke.							
ISC	V	08 00 33 14.8-61	35.99N-04	27.15E-06	11-8		15	0-2
ISCJB	V	08 00 33 14.0-65	36.00N-04	27.14E-06	6-9			
ATH	V	08 00 33 14.2	36.02N	27.16E	13-3	3.4		
NEIC	V	08 00 33 14.4	36.00N	27.18E	16	3.4		
CSEM	V	08 00 33 15.1-09	36.01N	27.22E	15	3.4		
ISK	V	08 00 33 16.2	36.02N	27.12E	32	3.3		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=9.3km s-min=5.3km az=71.9.							
ATH	Error ellipse: s-maj=1.7km s-min=1.5km az=-1.0.							
NEIC	Event type se. After ATH.							
CSEM	Event type ke. Error ellipse: s-maj=3.5km s-min=1.7km az=114.0.							
ISC	V	09 05 05 28.2-1.1	36.05N-06	28.69E-06	48-15		20	0-2
ISCJB	V	09 05 05 27.8-1.1	36.07N-06	28.68E-06	54-12			
ATH	V	09 05 05 27.1	35.84N	28.69E	5	2.9		
ISK	V	09 05 05 27.6	36.06N	28.65E	30	3.1		
CSEM	V	09 05 05 27.9-17	36.11N	28.66E	27-1	3.1		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=10.7km s-min=8.5km az=148.3.							
CSEM	Event type ke. Error ellipse: s-maj=4.0km s-min=3.2km az=151.0.							
ISC	V	10 04 25 45.1-52	36.91N-02	27.94E-03	1-4		54	0-4
ISK	V	10 04 25 44.2	37.00N	27.95E	5	3.3		
ISCJB	V	10 04 25 45.2-38	36.94N-02	27.95E-03	5	3.3		
CSEM	V	10 04 25 45.1-09	37.01N	27.95E	5	3.3		
ATH	V	10 04 25 46.1	36.92N	27.90E	5	3.5		
NEIC	V	10 04 25 46.1	36.89N	27.93E	5	3.5		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=3.4km s-min=3.0km az=106.5.							
CSEM	Event type ke. Error ellipse: s-maj=2.2km s-min=1.6km az=15.0.							
ATH	Error ellipse: s-maj=1.7km s-min=2.0km az=-1.0.							
NEIC	Event type se. After ATH.							
ISC	V	10 05 42 08.3-54	36.95N-04	27.99E-04	18-5		23	0-2
ISCJB	V	10 05 42 08.0-56	36.95N-03	28.00E-04	13-5			
ISK	V	10 05 42 07.5	37.00N	27.99E	21	2.8		
CSEM	V	10 05 42 07.6-11	37.01N	27.99E	20	2.8		
ATH	V	10 05 42 12.5	36.70N	27.83E	10	2.9		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=5.7km s-min=5.1km az=1.7.							
CSEM	Event type ke. Error ellipse: s-maj=3.0km s-min=2.0km az=29.0.							
ISC	V	10 05 53 27.0-59	36.91N-03	27.96E-03	6-5		27	0-2
ATH	V	10 05 53 22.2	37.18N	28.34E	28-0	3.2		
ISCJB	V	10 05 53 26.6-58	36.92N-03	27.97E-03	3-5	3.2		
NEIC	V	10 05 53 26.0	37.04N	27.99E	24	3.2,2.9		
CSEM	V	10 05 53 26.4-10	36.99N	27.98E	10	2.9,2.9		
ISK	V	10 05 53 26.3	36.99N	27.99E	19	2.9,2.9		
ISC	Event type ke.							
ATH	Error ellipse: s-maj=0.3km s-min=0.9km az=-1.0.							
ISCJB	Event type ke. Error ellipse: s-maj=5.2km s-min=4.0km az=70.6.							
NEIC	Event type se. After ISK.							
CSEM	Event type ke. Error ellipse: s-maj=2.4km s-min=1.8km az=28.0.							
ISC	V	10 15 13 28.7-70	37.00N-05	27.98E-05	11-6		18	0-2
NEIC	V	10 15 13 08.5	37.29N	29.74E	45	3.2,3.2		
ATH	V	10 15 13 08.7	37.27N	29.63E	32	3.2,3.2		
ISK	V	10 15 13 27.7	36.99N	27.96E	9	3.2,3.2		
CSEM	V	10 15 13 27.8-08	37.00N	27.98E	10	3.2,3.2		
ISCJB	V	10 15 13 28.3-69	37.00N-05	27.97E-05	10-7	3.2,3.2		
ISC	Event type ke.							
NEIC	Event type se. After ATH.							
CSEM	Event type ke.							
ISCJB	Event type ke.							
ISC	V	13 02 59 35.2-1.0	36.26N-05	27.85E-06	7-8		17	0-2
ATH	V	13 02 59 33.8	36.34N	28.09E	35	3.2		
ISCJB	V	13 02 59 35.6-89	36.25N-05	27.89E-07	19-10	3.2		
ISK	V	13 02 59 35.5	36.28N	27.93E	32	3.1		
CSEM	V	13 02 59 35.2-14	36.36N	27.93E	20	3.1		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=10.5km s-min=7.1km az=96.0.							
CSEM	Event type ke. Error ellipse: s-maj=3.7km s-min=2.8km az=38.0.							
ISC	V	11 06 33 45.5-52	36.96N-03	28.00E-04	14-4		25	0-2
ISK	V	11 06 33 44.8	37.05N	27.98E	25	3.0		
CSEM	V	11 06 33 44.8-17	37.06N	28.02E	20	3.0		
ISCJB	V	11 06 33 45.1-55	36.95N-03	28.00E-04	11-4	3.0		
ATH	V	11 06 33 45.0	36.98N	28.07E	29-1	2.9		
NEIC	V	11 06 33 45.0	36.99N	28.07E	29	2.9		
ISC	Event type ke.							
CSEM	Event type ke. Error ellipse: s-maj=4.4km s-min=3.4km az=20.0.							
ISCJB	Event type ke. Error ellipse: s-maj=5.1km s-min=4.8km az=41.6.							
ATH	Error ellipse: s-maj=1.0km s-min=2.1km az=-1.0.							

NEIC	Event type se. After ATH.							
ISC	V	18 12 11 00.0-44	36.95N-03	28.27E-03	9-4		41	0-3
ISCJB	V	18 12 10 59.7-48	36.96N-03	28.27E-03	7-4			
ATH	V	18 12 10 59.2	36.98N	28.19E	16-1	3.5		
NEIC	V	18 12 10 59.0	36.98N	28.30E	3	3.5,3.0L		
CSEM	V	18 12 10 59.2-10	36.96N	28.29E	10	3.5,3.0L		
ISK	V	18 12 10 59.5	36.99N	28.30E	6	3.0L,3.0L		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=5.1km s-min=4.2km az=75.9.							
ATH	Error ellipse: s-maj=1.0km s-min=1.1km az=-1.0.							
NEIC	Event type se. After ISK.							
CSEM	Event type ke. Error ellipse: s-maj=2.8km s-min=2.0km az=23.0.							
ISC	V	14 02 11 55.8-64	36.70N-04	27.20E-08	10-6		12	0-2
ISCJB	V	14 02 11 55.6-64	36.71N-04	27.22E-08	7-8			
ATH	V	14 02 11 55.7	36.71N	27.23E	5	3.0		
ISK	V	14 02 11 55.4	36.85N	27.04E	25	3.1		
CSEM	V	14 02 11 56.1-21	36.72N	27.24E	5	3.1		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=11.1km s-min=6.2km az=45.1.							
ATH	Error ellipse: s-maj=2.1km s-min=2.1km az=-1.0.							
CSEM	Event type ke. Error ellipse: s-maj=5.6km s-min=4.4km az=110.0.							
ISC	V	15 03 45 47.0-47	36.68N-04	28.90E-04	31-3		30	0-2
ATH	V	15 03 45 45.4	36.72N	28.79E	24-7	3.1		
NEIC	V	15 03 45 45.2	36.75N	28.84E	27	3.2		
ISCJB	V	15 03 45 46.9-54	36.70N-04	28.90E-04	32-4	3.2		
CSEM	V	15 03 45 46.3-06	36.78N	28.95E	25	3.0		
ISK	V	15 03 45 46.7	36.73N	28.90E	28	3.0		
ISC	Event type ke.							
ATH	Error ellipse: s-maj=6.3km s-min=1.9km az=-1.0.							
NEIC	Event type se. After ATH.							
ISCJB	Event type ke. Error ellipse: s-maj=6.4km s-min=4.8km az=58.3.							
CSEM	Event type ke. Error ellipse: s-maj=2.0km s-min=1.2km az=32.0.							
ISC	V	23 09 55 13.4-1.0	36.97N-07	26.75E-06	16-6		13	0-1
ISCJB	V	23 09 55 13.7-98	36.96N-07	26.76E-06	20-11			
ATH	V	23 09 55 13.7	36.99N	26.76E	10	2.8		
CSEM	V	23 09 55 14.2-17	36.98N	26.84E	18-2	2.8		
ISK	V	23 09 55 14.2	36.96N	26.84E	21	2.8		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=11.3km s-min=8.0km az=9.7.							
CSEM	Event type ke. Error ellipse: s-maj=4.8km s-min=3.1km az=17.0.							
ISC	I	03 03 05 48.2-46	36.90N-03	27.75E-04	11-4		32	0-2
ISCJB	I	03 03 05 47.7-52	36.87N-03	27.74E-04	12-4			
CSEM	I	03 03 05 47.4-08	36.91N	27.76E	10	3.1		
ISK	I	03 03 05 47.5	36.89N	27.76E	13	3.1		
NEIC	I	03 03 05 47.5	36.88N	27.76E	13	3.1,2.8		
ATH	I	03 03 05 48.0	36.89N	27.72E	29-1	2.8,2.8		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=5.6km s-min=4.4km az=129.6.							
CSEM	Event type ke. Error ellipse: s-maj=2.2km s-min=1.7km az=11.0.							
NEIC	Event type se. After ISK.							
ATH	Error ellipse: s-maj=1.2km s-min=2.0km az=-1.0.							
ISC	I	06 15 48 39.2-85	36.81N-05	26.52E-04	4-7		16	1-2
CSEM	I	06 15 48 38.9-15	36.90N	26.54E	15	3.1		
ISCJB	I	06 15 48 39.1-76	36.79N-05	26.53E-04	10	3.1		
ISK	I	06 15 48 39.7	36.90N	26.60E	17	3.1		
ATH	I	06 15 48 39.6	36.91N	26.43E	58-7	3.0		
ISC	Event type ke.							
CSEM	Event type ke. Error ellipse: s-maj=4.1km s-min=3.1km az=12.0.							
ISCJB	Event type ke. Error ellipse: s-maj=7.0km s-min=4.8km az=26.9.							
ATH	Error ellipse: s-maj=1.3km s-min=1.3km az=-1.0.							
ISC	I	07 15 54 57.1-39	36.93N-02	27.7				

ISCJB	VI	22 14 43 58.5-51	36.92N-03	27.78E-04	13-4	3.1			
CSEM	VI	22 14 43 58.0-08	36.93N	27.78E	10	3.1			
ISK	VI	22 14 43 58.2	36.93N	27.78E	8	3.1			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=5.8km s-min=5.3km az=168.2.							
CSEM		Event type ke. Error ellipse: s-maj=1.9km s-min=1.9km az=105.0.							
ISC	VI	23 18 10 43.0-41	35.33N-03	27.30E-06	50-20		39	0-10	
ISCJB	VI	23 18 10 41.4-41	35.31N-04	27.32E-06	71-17		18566718		
CSEM	VI	23 18 10 41.2-09	35.26N	27.37E	40	3.4			
ISK	VI	23 18 10 42.6	35.40N	27.25E	32	3.4			
NEIC	VI	23 18 10 43.9	35.54N	27.18E	47	3.6			
ATH	VI	23 18 10 43.9	35.54N	27.18E	47-7	3.6			
HLW	VI	23 18 10 48.3	34.56N	27.58E	0	3.4b			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=8.8km s-min=6.0km az=39.8.							
CSEM		Event type ke. Error ellipse: s-maj=4.1km s-min=2.1km az=72.0.							
NEIC		Event type se. After ATH.							
ATH		Error ellipse: s-maj=13.4km s-min=7.6km az=-1.0.							
ISC	IV	09 23 27 19.5-35	35.18N-01	27.25E-01	31-2	5.1b,4.6s	1254	0-151	
SZGRF	IV	09 23 27 06.2	34.44N	28.06E	10	5.0b,4.5s	110697645		
GRAL	IV	09 23 27 12.2-2.3	34.95N	26.80E	0-356	5.0,4.5s			
CRAAG	IV	09 23 27 14.5	35.16N	27.26E		5.6b,4.5s			
CSEM	IV	09 23 27 14.5	35.16N	27.26E	10	5.1b,4.5s			
IDC	IV	09 23 27 15.2-45	35.39N	27.20E	0	5.0,5.0			
ISCJB	IV	09 23 27 16.2-33	35.15N-01	27.26E-01	21-2	5.1b,4.6s			
HLW	IV	09 23 27 17.8	35.40N	27.46E	33	4.9b,4.6s			
PDG	IV	09 23 27 18.8-45	35.19N	27.39E	26-6	4.9b,4.6s			
MOS	IV	09 23 27 18.6-1.3	35.25N	27.21E	33	5.3b,4.5s			
NIC	IV	09 23 27 18.1-20	34.75N	27.20E	25	5.0b,4.7L			
BJI	IV	09 23 27 18.2	35.25N	27.11E	34	5.3b,5.2b			
ATH	IV	09 23 27 19.0	35.33N	27.26E	25-0	4.9L,4.7			
HRVD	IV	09 23 27 19.8-20	35.34N	27.29E	26-0	5.3W,4.7			
NEIC	IV	09 23 27 19.8-18	35.17N	27.24E	33	5.1b,4.9L			
SFS	IV	09 23 27 21.0	35.39N	27.13E	33	5.2L,4.9L			
THE	IV	09 23 27 23.0	35.35N	27.25E	27	4.9L,4.9L			
BGS	IV	09 23 27 41.1-1.6	36.98N	25.11E	33-0	5.0b,4.9L			
NSSC	IV	09 23 27 48.9	35.14N	30.00E	40	5.0b,4.9L			
ISC		Event type fe.							
SZGRF		Eastern Mediterranean Sea.							
GRAL		Error ellipse: s-maj=150.9km s-min=410.0km az=-1.0.							
IDC		Error ellipse: s-maj=12.3km s-min=11.9km az=179.0.							
ISCJB		Event type fe. Error ellipse: s-maj=2.1km s-min=1.3km az=36.0.							
PDG		Error ellipse: s-maj=2.5km s-min=1.0km az=-1.0.							
MOS		Error ellipse: s-maj=3.6km s-min=1.9km az=113.3.							
NIC		Moment Tensor Solution. M ₂ .10000x10 ¹⁵							
ATH		Error ellipse: s-maj=0.9km s-min=0.6km az=-1.0.							
HRVD		Error ellipse: s-maj=1.1km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.							
		LP body waves: s51_c70; Mantle waves: s84_c140; Half duration: t1 Moment tensor: Scale 10 ¹⁷ Nm; M ₁₁ =-0.83±0.03; M ₂₂ =0.10±0.02; M ₃₃ =0.08±0.05; M ₄₄ =0.04±0.04; M ₅₅ =0.04±0.04; Best double couple: NP1:λ=144.00000°; δ36.00000°; λ-117.00000°; NP2:λ=356.00000°; δ85.00000°; λ-72.00000°. Principal axes: T 1.1500,Plg11.0000°; Azm73.0000°; N -0.1770,Plg15.0000°; Azm166.0000°; P -0.9730,Plg71.0000°; Azm308.0000°; M ₀ .106100x10 ¹⁷							
NEIC		Event type se. Error ellipse: s-maj=3.4km s-min=2.2km az=188.0.							
BGS		Error ellipse: s-maj=121.5km s-min=66.3km az=-1.0.							
NSSC		Event type fe.							
ISC	IV	17 11 53 20.6-14	36.92N-01	28.28E-01	10	4.1b,3.2s	330	0-92	
BJI	IV	17 11 53 16.1	36.93N	28.12E	14	4.9s,4.9b	18320685		
ISCJB	IV	17 11 53 18.8-14	36.88N-01	28.29E-01	10	4.1b,3.2s			
IDC	IV	17 11 53 18.1-1.1	36.97N	28.28E	0	3.9,3.8			
MOS	IV	17 11 53 19.7-1.1	36.96N	28.28E	17	4.2b,3.8			
NEIC	IV	17 11 53 19.7	36.99N	28.29E	12	4.3L,4.1			
CSEM	IV	17 11 53 20.3-03	36.85N	28.29E	30	4.2b,3.8W			
ISK	IV	17 11 53 20.0	37.01N	28.31E	10	4.3L,3.9			
ATH	IV	17 11 53 20.4	36.97N	28.19E	26-0	4.1,3.9			
THE	IV	17 11 53 24.0	37.01N	28.17E	15	4.2L,3.9			
NIC	IV	17 11 53 24.0-10	36.70N	28.15E	25	4.1b,3.8W			
HLW	IV	17 11 53 25.4	36.69N	28.50E	33	4.2b,3.8W			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=1.7km s-min=1.7km az=119.5.							
IDC		Error ellipse: s-maj=21.7km s-min=14.5km az=147.0.							
MOS		Error ellipse: s-maj=6.5km s-min=4.3km az=115.6.							
NEIC		Event type se. After ISK.							
CSEM		Event type ke. Error ellipse: s-maj=1.2km s-min=0.8km az=62.0.							
ATH		Error ellipse: s-maj=0.6km s-min=0.6km az=-1.0.							
NIC		Moment Tensor Solution. M ₃ .50000x10 ¹⁴							
ISC	IV	17 20 18 06.0-45	36.92N-01	28.28E-02	2-3	4.2b,3.3s	370	0-83	
ATH	IV	17 20 18 04.9	36.99N	28.30E	15-1	4.2L,4.0	18320710		
IDC	IV	17 20 18 04.9-86	36.82N	28.41E	0	4.1,4.0			
ISK	IV	17 20 18 06.7	37.03N	28.25E	16	4.3L,4.0			
ISCJB	IV	17 20 18 06.0-38	36.87N-01	28.26E-02	21-3	4.2b,3.3s			
CSEM	IV	17 20 18 06.0-04	36.89N	28.25E	25	4.3b,3.8W			
MOS	IV	17 20 18 06.9-1.4	36.90N	28.20E	24	4.5b,3.8W			
NEIC	IV	17 20 18 06.9-26	36.96N	28.30E	10	4.2b,4.1L			
HLW	IV	17 20 18 07.1	36.99N	28.37E	33	4.2b,4.1L			
NIC	IV	17 20 18 08.9-20	36.85N	28.15E	25	4.4b,4.0L			
THE	IV	17 20 18 10.7	37.06N	28.15E	15	4.3L,4.0L			
ISC		Event type ke.							
ATH		Error ellipse: s-maj=1.0km s-min=3.5km az=-1.0.							
IDC		Error ellipse: s-maj=18.9km s-min=12.5km az=147.0.							
ISCJB		Event type ke. Error ellipse: s-maj=2.6km s-min=2.1km az=80.2.							
CSEM		Event type ke. Error ellipse: s-maj=1.3km s-min=1.2km az=87.0.							
MOS		Error ellipse: s-maj=5.6km s-min=3.4km az=117.8.							
NEIC		Event type se. Error ellipse: s-maj=4.2km s-min=3.2km az=194.0.							
NIC		Moment Tensor Solution. M ₄ .00000x10 ¹⁴							
ISC	IV	18 01 21 36.0-48	36.88N-02	28.19E-02	17-3	3.7b	226	0-56	
NIC	IV	18 01 21 30.3-40	36.81N	27.51E	25	3.6W,3.3L	18320729		
IDC	IV	18 01 21 32.5-1.1	36.74N	28.40E	0	3.7,3.6			
NEIC	IV	18 01 21 33.7	37.02N	28.27E	5	4.3L,4.0L			
ISK	IV	18 01 21 34.2	37.01N	28.28E	4	4.0L,3.8			
CSEM	IV	18 01 21 34.1-04	36.96N	28.23E	8	3.6W,3.8			
ISCJB	IV	18 01 21 35.1-53	36.92N-02	28.18E-02	22-5	3.7b,3.8			
ATH	IV	18 01 21 35.0	36.84N	28.23E	28-1	4.3L,4.1			
THE	IV	18 01 21 36.7	37.02N	28.12E	8	3.5L,4.1			
HLW	IV	18 01 21 39.0	36.79N	28.36E	33	4.0b,4.1			
ISC		Event type ke.							
NIC		Moment Tensor Solution. M ₂ .00000x10 ¹⁴							
IDC		Error ellipse: s-maj=27.3km s-min=16.2km az=141.0.							
NEIC		Event type se. After ISK.							
CSEM		Event type ke. Error ellipse: s-maj=1.3km s-min=1.0km az=154.0.							
ISCJB		Event type ke. Error ellipse: s-maj=3.3km s-min=2.8km az=164.9.							
ATH		Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0.							
ISC	IV	19 05 40 41.9-10	36.60N-01	26.99E-01	144-1	4.5b	906	0-86	
ISK	IV	19 05 39 41.9	36.65N	26.92E	134	4.4L,4.0	18320778		
ORF	IV	19 05 40 05.7	34.75N	29.42E	30	4.7b,4.0			
BJI	IV	19 05 40 38.1	36.44N	26.77E	143	4.9b,4.8b			
HLW	IV	19 05 40 40.2	36.26N	27.08E	272	5.1b,4.8b			
CSEM	IV	19 05 40 40.7	36.50N	27.07E	166	4.7b,4.8b			
ISCJB	IV	19 05 40 41.0-10	36.59N-01	27.00E-01	149-1	4.5b,4.8b			
PDG	IV	19 05 40 41.6-61	36.64N	27.04E	145-2	4.5b,4.8b			
MOS	IV	19 05 40 42.4-90	36.67N	26.97E	162	4.6b,4.8b			
NEIC	IV	19 05 40 42.3	36.67N	26.94E	131	4.7,4.7b			
ATH	IV	19 05 40 42.3	36.67N	26.94E	131-2	4.3L,4.7b			
IDC	IV	19 05 40 42.2-73	36.73N	26.80E	142-6	4.5,4.2			
NIC	IV	19 05 40 44.3-30	36.90N	27.43E	25	4.6b,4.1L			
NSSC	IV	19 05 40 44.3	36.39N	27.33E	40	4.6b,4.1L			
THE	IV	19 05 40 45.5	36.67N	27.11E	114	4.1L,4.1L			
ISC		Event type fe.							
ISCJB		Event type fe. Error ellipse: s-maj=2.1km s-min=1.5km az=60.5.							
PDG		Error ellipse: s-maj=1.2km s-min=0.8km az=-1.0.							

MOS		Error ellipse: s-maj=5.2km s-min=2.3km az=125.6.							
NEIC		Event type se. After ATH.							
ATH		Error ellipse: s-maj=0.9km s-min=1.0km az=-1.0.							
IDC		Error ellipse: s-maj=12.7km s-min=7.6km az=131.0.							
NIC		Moment Tensor Solution. M ₄ .20000x10 ¹⁴							
NSSC		Event type fe.							
ISC	IV	21 00 16 59.2-42	36.94N-02	28.25E-03	11-4			36	0-4
ISK	IV	21 00 16 57.8	36.99N	28.26E	4	3.3		18504632	
ISCJB	IV	21 00 16 58.7-47	36.95N-03	28.25E-03	9-5	3.3			
CSEM	IV	21 00 16 58.1-06	37.00N	28.25E	5	3.3			
ATH	IV	21 00 16 58.5	36.98N	28.27E	23-6	3.2			
NEIC	IV	21 00 16 58.5	36.98N	28.27E	23	3.2			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=4.7km s-min=4.0km az=107.5.							
CSEM		Event type ke. Error ellipse: s-maj=1.6km s-min=1.3km az=168.0.							
ATH		Error ellipse: s-maj=4.5km s-min=4.7km az=-1.0.							
NEIC		Event type se. After ATH.							
ISC	IV	21 19 23 24.6-46	36.98N-03	28.00E-03	11-3			40	0-3
ATH	IV	21 19 23 23.5	37.04N	28.10E	29-2	3.2		18504646	
ISK	IV	21 19 23 23.8	36.98N	28.01E	17	3.2			
ISCJB	IV	21 19 23 24.4-44	36.97N-03	27.98E-03	11-3	3.2			
CSEM	IV	21 19 23 24.2-09	37.03N	28.02E	13-1	3.2			
ISC		Event type ke.							
ATH		Error ellipse: s-maj=2.2km s-min=3.4km az=-1.0.							
ISCJB		Event type ke. Error ellipse: s-maj=4.3km s-min=3.4km az=151.5.							
CSEM		Event type ke. Error ellipse: s-maj=1.9km s-min=1.8km az=179.0.							
ISC	IV	28 21 14 59.7-44	36.96N-02	27.98E-04	12-4			35	0-4
CSEM	IV	28 21 14 58.8-09	37.01N	27.98E	10	3.3		18504804	
ATH	IV	28 21 14 58.6	36.97N	28.02E	26-1	3.2			
ISK	IV	28 21 14 58.8	37.00N	27.99E	10	3.3			
ISCJB	IV	28 21 14 59.2-43	36.96N-02	27.98E-03	11-4	3.3			
ISC		Event type ke.							
CSEM		Event type ke.							
ISCJB		Event type ke.							
ISC	IV	02 10 15 41.5-79	35.09N-03	27.40E-03	12-5	3.7b,3.4s	76	0-58	
ISCJB	IV	02 10 15 39.5-77	35.06N-02	27.49E-04	9-5	3.7b,3.4s	19594101		
NEIC	IV	02 10 15 42.1	35.23N	27.39E	26	3.8,3.4s			
ATH	IV	02 1							

ISC	V	05 08 44 14.0-95	34.79N-03	23.76E-08	31-5	3.6b	48	0-77	CSEM	V	18 04 58 07.3-09	34.81N	25.96E	8	3.7,3.7b			
IDC	V	05 08 44 10.2-1.2	34.91N	23.75E	0	3.8L,3.7b			NEIC	V	18 04 58 08.6	34.81N	25.79E	16	3.7,3.7b			
HLW	V	05 08 44 12.8	35.00N	23.96E	33	3.6b,3.7b			ATH	V	18 04 58 08.4	34.80N	25.77E	17-2	3.7,3.7b			
ISCJB	V	05 08 44 13.8-68	34.74N-03	23.92E-09	47-5	3.6b,3.7b			THE	V	18 04 58 09.9	34.80N	25.69E	10	3.7,3.7b			
NEIC	V	05 08 44 14.3	34.89N	23.74E	43	3.8,3.7b			ISC	Event type ke.								
CSEM	V	05 08 44 14.7-18	34.73N	24.10E	40	3.8,3.7b			ISCJB	Event type ke. Error ellipse: s-maj=4.6km s-min=3.0km az=122.3.								
ATH	V	05 08 44 21.8	35.33N	24.54E	16-9	3.8,3.7b			IDC	Error ellipse: s-maj=23.2km s-min=10.8km az=15.0.								
ISC	Event type ke.									CSEM	Event type ke. Error ellipse: s-maj=3.1km s-min=1.5km az=61.0.							
IDC	Error ellipse: s-maj=28.6km s-min=17.3km az=163.0.									NEIC	Event type se. After ATH.							
ISCJB	Event type ke. Error ellipse: s-maj=12.4km s-min=4.7km az=0.4.									ATH	Error ellipse: s-maj=4.2km s-min=1.5km az=-1.0.							
NEIC	Event type se. After ATH.									ISC	V	19 22 52 05.1-62	34.66N-03	25.74E-03	25-6	3.6b	74	0-35
CSEM	Event type ke. Error ellipse: s-maj=5.5km s-min=2.3km az=89.0.									THE	V	19 22 52 03.6-32	34.60N-03	25.71E-04	33	3.5b		
ATH	Error ellipse: s-maj=11.2km s-min=5.9km az=-1.0.									ISCJB	V	19 22 52 04.5	34.71N	25.91E	4	3.5b		
ISC	V	08 14 00 23.9-69	35.79N-05	26.49E-09	35		29	1-9	CSEM	V	19 22 52 04.0-06	34.57N	25.80E	30	3.8			
CSEM	V	08 14 00 21.5-09	36.07N	26.40E	2	3.6L			IDC	V	19 22 52 05.9-1.4	34.90N	25.92E	53-13	3.8L,3.7			
ISCJB	V	08 14 00 22.5-84	35.67N-05	26.5E-10	33	3.6L			ATH	V	19 22 52 06.4	34.82N	25.63E	31-1	3.8,3.7			
ATH	V	08 14 00 23.7	36.04N	26.37E	39	3.1			NEIC	V	19 22 52 06.4	34.82N	25.63E	31	3.8,3.7			
HLW	V	08 14 00 24.5	35.69N	26.57E	33	3.6b			HLW	V	19 22 52 09.3	34.43N	26.05E	33	3.5b,3.7			
ISC	Event type ke.									ISC	Event type ke.							
CSEM	Event type ke. Error ellipse: s-maj=4.7km s-min=2.4km az=130.0.									ISCJB	Event type ke. Error ellipse: s-maj=4.5km s-min=3.4km az=131.2.							
ISCJB	Event type ke. Error ellipse: s-maj=12.5km s-min=6.3km az=30.4.									CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=1.4km az=41.0.							
ISC	V	09 21 30 43.2-23	35.00N-02	26.99E-02	10	3.7b,2.9s	153	1-78	IDC	Error ellipse: s-maj=22.0km s-min=13.9km az=16.0.								
ISK	V	09 21 30 39.4	34.77N	26.64E	77	3.9,2.9s			ATH	Error ellipse: s-maj=4.1km s-min=2.1km az=-1.0.								
ISCJB	V	09 21 30 41.3-23	34.96N-02	27.02E-03	10	3.7b,2.9s			NEIC	Event type se. After ATH.								
CSEM	V	09 21 30 42.1-08	35.06N	26.89E	12	3.9b,2.9s			ISC	V	22 06 03 46.2-1.3	34.22N-06	26.25E-07	9-13		25	1-9	
ATH	V	09 21 30 43.8	35.18N	27.00E	25-1	3.8,2.9s			ISCJB	V	22 06 03 45.1-1.5	34.20N-07	26.37E-07	15-22				
MOS	V	09 21 30 44.5-1.2	35.10N	26.92E	27	4.0b,2.9s			CSEM	V	22 06 03 46.8-12	34.24N	26.44E	30	3.6			
IDC	V	09 21 30 47.0-3.5	35.21N	26.97E	28-25	3.7,3.6b			HLW	V	22 06 03 48.4	34.28N	26.40E	33	3.3b			
NEIC	V	09 21 30 47.0-76	35.13N	26.97E	36-8	3.8,3.8b			ATH	V	22 06 03 51.6	34.54N	26.21E	23-6	3.6			
HLW	V	09 21 30 47.4	34.95N	27.45E	33	3.4b,3.8b			ISC	Event type ke.								
ISC	Event type ke.									ISCJB	Event type ke. Error ellipse: s-maj=11.9km s-min=9.0km az=74.1.							
ISCJB	Event type ke. Error ellipse: s-maj=3.0km s-min=2.8km az=8.1.									CSEM	Event type ke. Error ellipse: s-maj=4.1km s-min=2.5km az=36.0.							
CSEM	Event type ke.									ATH	Error ellipse: s-maj=15.0km s-min=2.5km az=-1.0.							
ATH	Error ellipse: s-maj=2.1km s-min=1.4km az=-1.0.									ATH	V	15 17 19 28.9	35.02N	26.80E	31-3	3.4		
MOS	Error ellipse: s-maj=10.4km s-min=5.7km az=113.7.									CSEM	V	15 17 19 28.3	34.99N	26.88E	42	3.5		
IDC	Error ellipse: s-maj=23.2km s-min=14.8km az=161.0.									NEIC	V	15 17 19 28.3	34.99N	26.88E	42	3.5		
NEIC	Event type se. Error ellipse: s-maj=11.1km s-min=5.7km az=161.0.									ATH	Error ellipse: s-maj=2.3km s-min=2.7km az=-1.0.							
ISC	V	12 21 17 57.0-18	35.00N-02	26.80E-02	35	3.9b,3.3s	245	0-80	CSEM	After ATH.								
ISK	V	12 21 17 51.5	34.79N	26.38E	74	4.2L,4.1			NEIC	Event type se. After ATH.								
ISCJB	V	12 21 17 54.7-18	34.98N-02	26.86E-02	33	3.9b,3.3s			ISC	V	16 03 39 47.2-52	35.55N-03	25.57E-09	28-5		20	0-2	
HLW	V	12 21 17 55.2	35.18N	26.92E	33	3.8b,3.3s			ATH	V	16 03 39 44.8	35.67N	25.55E	20-4	3.2			
ATH	V	12 21 17 55.7	35.08N	26.78E	26-1	4.3L,4.0			NEIC	V	16 03 39 44.8	35.67N	25.55E	20	3.2			
CSEM	V	12 21 17 55.9-06	35.01N	26.92E	60-0	4.0b,4.0			THE	V	16 03 39 46.6	35.58N	25.63E	10	3.2			
NEIC	V	12 21 17 56.2	35.14N	26.76E	26	4.3L,3.9b			ISCJB	V	16 03 39 47.1-52	35.54N-03	25.56E-09	30-5	3.2			
MOS	V	12 21 17 56.3-90	35.01N	26.77E	57	4.1b,3.9b			CSEM	V	16 03 39 47.4-12	35.55N	25.62E	30	3.2			
THE	V	12 21 17 58.1	35.22N	26.69E	10	4.1b,3.9b			ISC	Event type ke.								
IDC	V	12 21 17 59.1-1.1	35.07N	26.96E	62-11	3.9,3.7			ATH	Error ellipse: s-maj=1.3km s-min=1.8km az=-1.0.								
ISC	Event type ke.									NEIC	Event type se. After ATH.							
ISCJB	Event type ke. Error ellipse: s-maj=2.7km s-min=2.2km az=82.4.									ISCJB	Event type ke. Error ellipse: s-maj=11.9km s-min=4.6km az=174.3.							
ATH	Error ellipse: s-maj=2.5km s-min=1.5km az=-1.0.									CSEM	Event type ke. Error ellipse: s-maj=4.5km s-min=2.1km az=92.0.							
CSEM	Event type ke. Error ellipse: s-maj=2.1km s-min=1.3km az=67.0.									ISC	V	01 15 41 20.5-1.2	34.81N-03	23.57E-06	7-7	3.6b	41	0-45
NEIC	Event type se. After ATH.									HLW	I	01 15 41 14.1	35.46N	23.48E	33	3.3b		
MOS	Error ellipse: s-maj=7.5km s-min=3.6km az=118.3.									CSEM	I	01 15 41 18.9-18	34.74N	23.61E	2	3.8		
IDC	Error ellipse: s-maj=17.6km s-min=7.6km az=1.0.									ISCJB	I	01 15 41 19.3-1.2	34.76N-03	23.53E-06	11-7	3.6b		
ISC	V	10 22 16 57.1-47	34.51N-03	26.37E-07	57-8	3.5b	25	1-43	IDC	I	01 15 41 20.0-9.2	34.46N	23.69E	31-58	3.6L,3.6b			
ATH	V	10 22 16 53.8	34.38N	26.40E	26-1	3.6			NEIC	I	01 15 41 22.1-1.7	34.98N	23.68E	10	3.8,3.6b			
NEIC	V	10 22 16 54.2	34.36N	26.37E	32	3.6			ATH	I	01 15 41 27.2	35.58N	24.03E	18	3.8,3.6b			
HLW	V	10 22 16 54.3	34.64N	26.49E	17	3.5b			ISC	Event type ke.								
CSEM	V	10 22 16 55.2-24	34.37N	26.36E	25	3.6			CSEM	Event type ke. Error ellipse: s-maj=5.3km s-min=2.6km az=91.0.								
ISCJB	V	10 22 16 55.7-47	34.47N-04	26.40E-07	64-8	3.5b			ISCJB	Event type ke. Error ellipse: s-maj=7.9km s-min=5.6km az=168.4.								
IDC	V	10 22 16 58.2-2.3	34.68N	26.37E	58-23	3.6,3.4b			IDC	Error ellipse: s-maj=6.1km s-min=24.3km az=7.0.								
ISC	Event type ke.									NEIC	Event type se. Error ellipse: s-maj=26.1km s-min=11.4km az=208.0.							
ATH	Error ellipse: s-maj=1.9km s-min=1.3km az=-1.0.									ISC	V	03 09 00 41.2-1.6	34.5N-10	26.2E-10	31-28		14	1-8
NEIC	Event type se. After ATH.									ATH	I	03 09 00 31.7	33.97N	26.40E	10	3.3		
CSEM	Event type ke. Error ellipse: s-maj=5.9km s-min=4.9km az=3.0.									ISCJB	I	03 09 00 38.6-66	34.39N-05	26.34E-09	10	3.3		
ISCJB	Event type ke. Error ellipse: s-maj=10.3km s-min=5.8km az=171.0.									CSEM	I	03 09 00 38.8-15	34.42N	26.48E	10	2.9L		
IDC	Error ellipse: s-maj=25.6km s-min=22.1km az=163.0.									HLW	I	03 09 00 42.1	34.50N	26.40E	33	2.9b		
ISC	V	14 19 00 14.3-1.1	34.77N-07	24.68E-04	10		14	0-1	ISC	Event type ke.								
ISCJB	V	14 19 00 14.4-97	34.83N-08	24.65E-04	10				ISCJB	Event type ke. Error ellipse: s-maj=10.5km s-min=6.7km az=161.3.								
NEIC	V	14 19 00 14.2	34.82N	24.61E	28	3.2			CSEM	Event type ke. Error ellipse: s-maj=5.4km s-min=3.6km az=50.0.								
ATH	V	14 19 00 14.2	34.82N	24.61E	28-16	3.2			ISC	V	08 12 20 43.6-46	35.99N-04	23.19E-08	73-7	3.4b	37	0-45	
THE	V	14 19 00 15.3	34.93N	24.60E	19	3.2			ISCJB	I	08 12 20 41.9-48	35.95N-04	23.11E-08	83-7	3.4b			
CSEM	V	14 19 00 15.0-17	34.77N	24.66E	2	3.2			CSEM	I	08 12 20 42.6-08	35.96N	23.25E	80	3.5L			
ISC	Event type ke.									IDC	I	08 12 20 44.7-4.5	35.88N	23.17E	86-32	3.5,3.4b		
ISCJB	Event type ke. Error ellipse: s-maj=12.0km s-min=4.4km az=156.2.									HLW	I	08 12 20 45.6	35.97N	23.77E	33	3.7b,3.4b		
NEIC	Event type se. After ATH.									NEIC	I	08 12 20 46.0	36.18N	23.36E	56	3.3,3.4b		
ATH	Error ellipse: s-maj=3.4km s-min=1.9km az=-1.0.									ATH	I	08 12 20 46.0	36.18N	23.36E	56-1	3.5L,3.3		
CSEM	Event type ke. Error ellipse: s-maj=4.8km s-min=1.9km az=169.0.									ISC	Event type ke.							
ISC	V	15 04 42 47.4-26	34.80N-02	23.28E-02	42-2	4.6b,4.0s	543	1-92	ISCJB	Event type ke. Error ellipse: s-maj=11.7km s-min=5.2km az=128.4.								
SZGRF	V	15 04 42 31.4	33.89N	24.07E	10	4.5b,3.5s			CSEM	Event type ke. Error ellipse: s-maj=4.6km s-min=1.8km az=74.0.								
HLW	V	15 04 42 45.2	35.02N	23.48E	33	4.1b,3.5s			IDC	Error ellipse: s-maj=96.6km s-min=29.9km az=33.0.								
ISCJB	V	15 04 42 45.5-32	34.81N-02	23.30E-02	42-3	4.6b,4.0s			NEIC	Event type se. After ATH.								
ATH	V	15 04 42 47.4	34.92N	23.33E	80-3	4.5L,4.0s			ATH	Error ellipse: s-maj=1.0km s-min=1.2km az=-1.0.								
NEIC	V	15 04 42 48.4	35.02N	23.40E	85	4.4b,4.0s			ISC	I	08 12 51 03.5-45	35.98N-03	23.15E-07	73-7	3.7b	44	0-45	
MOS	V	15 04 42 49.1-1.1	35.16N	23.32E	58	4.8b,4.0s			ISCJB	I	08 12 51 01.9-48	35.94N-04	23.04E-07	80-7	3.7b			
IDC	V	15 04 42 49.7-1.6	35.01N	23.33E	54-15	4.3,4.2			CSEM	I	08 12 51 02.5-09	35.96N	23.16E	74-1</				

ISCJB Event type ke. Error ellipse: s-maj=5.7km s-min=3.8km az=75.0.
 NEIC Event type se. Error ellipse: s-maj=11.8km s-min=5.8km az=179.0.
 ATH Error ellipse: s-maj=6.1km s-min=1.7km az=-1.0.
 NIC Moment Tensor Solution. M₅1.0000×10¹³
VI 09 16 48 04.5 33.78N 26.63E 10 3.8
 CSEM VI 09 16 48 04.5 33.78N 26.63E 10 3.8
 CSEM After ATH. **¶9922129**
ISC VI 28 17 08 12.5-93 35.81N-02 28.31E-04 7-7 3.4b 59 0-41
 CSEM VI 28 17 08 10.7-07 35.76N 28.35E 10 3.5 **¶8566840**
 IDC VI 28 17 08 11.4-1.7 35.34N 28.81E 0 3.5b,3.3
 NEIC VI 28 17 08 11.1-1.4 35.76N 28.29E 2-9 3.6,3.5
 ISCJB VI 28 17 08 11.1-1.0 35.76N-02 28.36E-04 8-8 3.4b,3.5
 HLW VI 28 17 08 12.1 36.00N 28.54E 16 3.3b,3.5
 ATH VI 28 17 08 13.3 35.89N 28.34E 10 3.5,3.5
 ISK VI 28 17 08 13.9 35.79N 28.38E 36 3.6,3.5
 ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=2.5km s-min=1.4km az=78.0.
 IDC Error ellipse: s-maj=180.7km s-min=26.0km az=142.0.
 NEIC Event type se. Error ellipse: s-maj=8.4km s-min=5.4km az=176.0.
 ISCJB Event type ke. Error ellipse: s-maj=5.8km s-min=3.5km az=141.4.

(372) Cyprus region.
ISC IV 05 08 16 48.1-34 34.73N-03 33.95E-03 38-14 70 0-5
 ISCJB IV 05 08 16 47.2-35 34.69N-03 33.95E-03 42-12 **¶8336691**
 CSEM IV 05 08 16 47.1-08 34.67N 33.94E 32-1 3.1W
 GRAL IV 05 08 16 47.6-2.7 34.62N 33.89E 32-28 3.3
 NIC IV 05 08 16 49.6-30 34.75N 33.86E 25 3.1L,3.1W
 NSSC IV 05 08 16 50.0 34.81N 34.08E 40 3.1L,3.1W

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=5.5km s-min=3.8km az=13.5.
 CSEM Event type ke. Error ellipse: s-maj=2.6km s-min=1.9km az=118.0.
 GRAL Error ellipse: s-maj=23.4km s-min=8.7km az=-1.0.
 NIC Moment Tensor Solution. M₄0.0000×10¹³
 NSSC Event type fe.
VI 08 16 11 58.7-20 35.12N 32.31E 15 3.5W,2.6L
 CSEM II 08 16 11 58.7 35.12N 32.31E 15 3.5W,2.6L **¶8188868**

ISC Moment Tensor Solution. M₁4.0000×10¹⁴
 CSEM After NIC.
ISC III 02 22 45 01.9-53 34.84N-03 33.70E-05 53-9 38 0-6
 GII III 02 22 44 04.4-62 34.59N 33.65E 0-0 2.4L **¶10596119**
 CSEM III 02 22 44 59.7-09 34.90N 33.70E 60 3.2W
 HLW III 02 22 45 00.6 34.59N 31.90E 33 3.3b
 ISCJB III 02 22 45 00.8-56 34.82N-04 33.70E-05 62-8 3.3b
 NIC III 02 22 45 02.8-40 34.88N 33.69E 35 3.2W,3.0L
 NEIC III 02 22 45 02.8 34.88N 33.69E 35 3.0L,3.0L

ISC Event type ke.
 GII Error ellipse: s-maj=5.5km s-min=3.5km az=-1.0.
 CSEM Event type ke. Error ellipse: s-maj=2.5km s-min=2.0km az=80.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.3km s-min=6.0km az=162.8.
 NIC Moment Tensor Solution. M₆4.0000×10¹³
 NEIC Event type se. After NIC.
ISC III 22 13 57 46.8-68 34.84N-09 33.81E-06 30-10 15 0-7
 ISCJB III 22 13 57 45.9-67 34.77N-09 33.83E-06 31-11 **¶10608509**
 CSEM III 22 13 57 45.6-08 34.85N 33.74E 30 2.9W
 HLW III 22 13 57 46.4 34.93N 33.71E 33 3.0b
 NEIC III 22 13 57 47.8 34.94N 33.76E 21 2.9L
 NIC III 22 13 57 47.8-40 34.94N 33.76E 21 2.9L,2.9W

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=14.7km s-min=8.1km az=25.3.
 CSEM Event type ke. Error ellipse: s-maj=3.1km s-min=2.3km az=70.0.
 NEIC Event type se. After NIC.
 NIC Moment Tensor Solution. M₁6.0000×10¹³
ISC III 05 06 30 45.9-70 34.83N-05 34.04E-04 45-19 29 0-3
 ISK III 05 06 30 44.8 34.84N 33.94E 32 3.2 **¶10597685**
 ISCJB III 05 06 30 45.2-83 34.84N-05 34.05E-05 52-19 3.2
 CSEM III 05 06 30 45.2-20 34.87N 34.02E 40 2.7W
 GRAL III 05 06 30 46.2-1.8 34.81N 33.98E 34-999 3.4
 NIC III 05 06 30 47.5-30 34.87N 33.89E 46 3.0L,2.7W

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=8.9km s-min=6.2km az=32.5.
 CSEM Event type ke. Error ellipse: s-maj=7.2km s-min=3.5km az=176.0.
 GRAL Error ellipse: s-maj=11.6km s-min=15.9km az=-1.0.
 NIC Moment Tensor Solution. M₉9.0000×10¹²
ISC IV 30 01 33 40.9-43 35.62N-04 31.55E-04 53-59 37 1-9
 ISK IV 30 01 33 37.0 35.41N 31.56E 43 3.5 **¶8504834**
 ISCJB IV 30 01 33 39.3-41 35.61N-05 31.55E-04 82-26 3.5
 HLW IV 30 01 33 48.2 35.05N 31.30E 33 3.2b

ISCJB Error ellipse: s-maj=8.1km s-min=5.6km az=27.7.
ISC VI 30 04 07 45.7-97 34.46N-06 32.06E-09 27-12 26 0-8
 ISCJB VI 30 04 07 44.7-79 34.41N-07 32.01E-09 35-57 **¶8518212**
 CSEM VI 30 04 07 44.3-15 34.46N 31.97E 40 3.1W
 NIC VI 30 04 07 45.1-20 34.43N 32.04E 20 3.4L,3.1W
 NEIC VI 30 04 07 45.1 34.43N 32.04E 20 3.4L,3.1W
 HLW VI 30 04 07 50.4 34.08N 31.93E 33 3.0b,3.1W

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=13.5km s-min=10.0km az=73.1.
 CSEM Event type ke. Error ellipse: s-maj=5.6km s-min=2.4km az=114.0.
 NIC Moment Tensor Solution. M₃3.4000×10¹³
 NEIC Event type se. After NIC.
ISC VI 30 04 48 34.9-88 34.40N-04 32.18E-04 21-7 45 0-6
 CSEM VI 30 04 48 33.2-07 34.40N 32.16E 20 3.2W **¶8518213**
 ISK VI 30 04 48 33.5 34.30N 32.16E 32 3.7
 NIC VI 30 04 48 33.0-20 34.34N 32.01E 25 3.5L,3.2W
 NEIC VI 30 04 48 33.0 34.34N 32.01E 25 3.7,3.5L
 ISCJB VI 30 04 48 34.0-80 34.37N-04 32.15E-04 30-7 3.7,3.5L
 HLW VI 30 04 48 50.7 33.11N 31.74E 33 3.2b,3.5L

ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=1.8km s-min=1.5km az=177.0.
 NIC Moment Tensor Solution. M₄9.0000×10¹³
 NEIC Event type se. After NIC.
 ISCJB Event type ke. Error ellipse: s-maj=6.4km s-min=5.3km az=152.1.
ISC VI 30 05 10 08.7-1.5 34.49N-07 32.0E-10 30-10 14 0-6
 ISCJB VI 30 05 10 07.9-1.4 34.43N-07 32.0E-20 33 **¶8518214**
 NIC VI 30 05 10 07.9-20 34.37N 31.95E 25 3.1L,3.0W
 NEIC VI 30 05 10 07.9 34.37N 31.95E 25 3.1L,3.0W
 HLW VI 30 05 10 28.3 33.02N 32.01E 33 2.8b,3.0W

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=19.6km s-min=6.4km az=46.6.
 NIC Moment Tensor Solution. M₂5.0000×10¹³
 NEIC Event type se. After NIC.
ISC VI 30 05 16 12.3-1.5 34.52N-08 32.0E-10 28-11 15 0-6
 CSEM VI 30 05 16 10.9-26 34.46N 32.03E 24-2 2.9W **¶8518215**
 ISCJB VI 30 05 16 11.3-1.5 34.46N-07 32.0E-10 31-10 2.9W
 NIC VI 30 05 16 11.9-20 34.44N 31.96E 25 3.1L,2.9W
 NEIC VI 30 05 16 11.9 34.44N 31.96E 25 3.1L,2.9W
 HLW VI 30 05 16 25.6 33.39N 31.72E 33 2.8b,2.9W

ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=11.4km s-min=3.1km az=110.0.
 ISCJB Event type ke. Error ellipse: s-maj=21.5km s-min=8.8km az=52.5.
 NIC Moment Tensor Solution. M₁7.0000×10¹³
 NEIC Event type se. After NIC.
ISC VI 04 01 44 31.0-28 35.06N-02 32.77E-03 58-5 93 0-55
 HLW VI 04 01 44 27.4 35.28N 32.75E 33 3.4b,3.4b **¶8517672**
 CSEM VI 04 01 44 28.8-06 35.10N 32.68E 60 3.1W,3.4b
 ISCJB VI 04 01 44 29.4-28 35.04N-02 32.75E-03 68-5 3.4b,3.4b
 ISK VI 04 01 44 29.9 35.16N 32.72E 73 3.4,3.4b
 NEIC VI 04 01 44 29.0 35.14N 32.72E 68 3.4,3.4b
 NIC VI 04 01 44 31.6-20 35.13N 32.81E 50 3.2L,3.1W
 IDC VI 04 01 44 31.0-1.6 34.91N 32.72E 78-34 3.7s,3.7
 GRAL VI 04 01 44 33.4-55 35.01N 32.82E 34-23 3.4,3.7
 NSSC VI 04 01 44 34.0 35.05N 33.18E 15-19 3.4,3.7

ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=1.9km s-min=1.6km az=177.0.
 ISCJB Event type ke. Error ellipse: s-maj=4.3km s-min=3.4km az=88.8.
 NEIC Event type se. After ISK.
 NIC Moment Tensor Solution. M₃3.9000×10¹³
 IDC Error ellipse: s-maj=36.0km s-min=14.5km az=39.0.
 GRAL Error ellipse: s-maj=16.1km s-min=5.5km az=-1.0.
 NSSC Event type se.
ISC III 28 18 39 40.1-31 35.76N-03 31.20E-04 35 45 1-9
 CSEM III 28 18 38 38.4 35.78N 31.16E 29 3.6 **¶10612465**
 ISK III 28 18 38 38.4 35.78N 31.16E 29 3.6
 ISCJB III 28 18 39 38.2-31 35.70N-03 31.20E-04 33 3.6
 HLW III 28 18 39 43.6 35.56N 31.06E 33 3.7b
 CSEM After ISK.
 ISCJB Error ellipse: s-maj=4.4km s-min=3.3km az=118.2.
ISC VI 13 21 13 10.5-80 34.71N-03 32.24E-07 19-4 27 0-6
 HLW VI 13 21 13 08.5 34.92N 32.05E 33 2.9b **¶8517862**
 ISCJB VI 13 21 13 09.0-88 34.66N-03 32.18E-08 20-6 2.9b
 CSEM VI 13 21 13 09.0-22 34.68N 32.32E 20 3.4W
 NEIC VI 13 21 13 10.8 34.75N 32.14E 30 3.3L
 NIC VI 13 21 13 10.8-30 34.75N 32.14E 30 3.4W,3.3L

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=10.9km s-min=5.6km az=18.1.
 CSEM Event type ke. Error ellipse: s-maj=8.5km s-min=3.3km az=97.0.
 NEIC Event type se. After NIC.
 NIC Moment Tensor Solution. M₁3.0000×10¹⁴
ISC II 03 06 18 26.5-1.2 35.71N-03 31.35E-05 1-10 39 2-9
 ISCJB II 03 06 18 26.2-1.2 35.64N-03 31.34E-04 11-9 **¶8188625**
 CSEM II 03 06 18 26.0-08 35.63N 31.35E 10 3.6
 ISK II 03 06 18 29.3 36.01N 31.62E 5 3.6
 HLW II 03 06 18 34.3 35.37N 31.25E 28 3.4b

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=5.9km s-min=5.2km az=62.4.
 CSEM Event type ke. Error ellipse: s-maj=2.7km s-min=2.0km az=111.0.
ISC II 04 14 46 04.9-21 34.39N-01 32.18E-02 35-6 167 1-80
 ISK II 04 14 46 00.6 34.33N 32.26E 22 3.9 **¶8083610**
 NIC II 04 14 46 02.9-20 34.34N 31.96E 25 4.1b,3.8L
 CSEM II 04 14 46 02.8-05 34.38N 32.07E 40 3.7W,3.8L
 ISCJB II 04 14 46 03.2-23 34.36N-01 32.15E-02 41-6 3.5b,3.8L
 GRAL II 04 14 46 03.3-2.1 34.39N 31.99E 50-23 4.0,3.8L
 NEIC II 04 14 46 05.6-1.0 34.30N 32.20E 47-11 4.0,3.8L
 IDC II 04 14 46 07.9-3.7 34.53N 31.99E 58-33 3.8L,3.6
 HLW II 04 14 46 08.6 34.15N 32.09E 33 3.9b,3.6
 GII II 04 14 46 19.4-00 34.39N 32.23E 30-0 4.0b,3.6W

ISC Event type ke.
 NIC Moment Tensor Solution. M₃3.0000×10¹⁴
 CSEM Event type ke. Error ellipse: s-maj=1.5km s-min=1.1km az=85.0.
 ISCJB Event type ke. Error ellipse: s-maj=3.0km s-min=2.3km az=147.5.
 GRAL Error ellipse: s-maj=19.5km s-min=25.5km az=-1.0.
 NEIC Event type se. Error ellipse: s-maj=13.3km s-min=10.9km az=208.0.
 IDC Error ellipse: s-maj=33.7km s-min=16.7km az=157.0.
 GII Error ellipse: s-maj=1.6km s-min=2.0km az=-1.0.
ISC II 12 17 44 51.1-78 34.58N-10 32.90E-06 18-16 26 0-9
 HLW II 12 17 44 48.9 34.89N 33.02E 29 3.2b **¶8192494**
 CSEM II 12 17 44 49.9-10 34.61N 32.99E 30 3.2W
 ISCJB II 12 17 44 50.2-51 34.52N-09 32.91E-07 23-17 3.2W
 NIC II 12 17 44 50.1-20 34.54N 32.96E 21 3.2W,2.8L

ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=4.6km s-min=2.0km az=95.0.
 ISCJB Event type ke. Error ellipse: s-maj=15.6km s-min=9.5km az=13.4.
 NIC Moment Tensor Solution. M₄9.0000×10¹³
ISC II 20 18 43 31.0-1.0 34.56N-08 32.87E-06 16-16 34 0-8
 HLW II 20 18 43 28.7 34.85N 32.76E 33 3.0b **¶8192864**
 ISCJB II 20 18 43 29.7-83 34.49N-03 32.85E-07 11-8 3.0b
 CSEM II 20 18 43 29.5-11 34.58N 32.92E 24-1 3.0W
 NIC II 20 18 43 29.9-30 34.50N 32.92E 21 3.1L,3.0W

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=9.2km s-min=5.3km az=1.3.
 CSEM Event type ke. Error ellipse: s-maj=3.9km s-min=2.8km az=109.0.
 NIC Moment Tensor Solution. M₂5.0000×10¹³
ISC II 20 16 21.9-1.2 34.5N-10 32.87E-08 12-21 16 0-6
 HLW II 20 16 18.8 34.90N 32.72E 33 2.8b **¶8192873**
 ISCJB II 20 16 20.8-90 34.50N-03 32.88E-09 13-7 2.8b
 CSEM II 20 16 20.3-12 34.58N 32.91E 22-2 2.7W
 NIC II 20 16 20.9-30 34.52N 32.89E 15 2.9L,2.7W

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=12.1km s-min=5.5km az=3.6.
 CSEM Event type ke. Error ellipse: s-maj=6.1km s-min=4.0km az=65.0.
 NIC Moment Tensor Solution. M₉3.0000×10¹²
ISC II 24 01 37 08.2-1.5 35.8N-10 31.10E-09 2 13 2-3
 CSEM II 24 01 37 06.3-1.1 35.79N 31.05E 2-5 3.5 **¶8193074**
 ISCJB II 24 01 37 07.6-1.4 35.77N-09 31.10E-08 2 3.5
 ISK II 24 01 37 07.8 35.67N 30.99E 23 3.5

ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=18.1km s-min=8.6km az=42.0.
 ISCJB Event type ke. Error ellipse: s-maj=14.3km s-min=7.5km az=51.5.
ISC V 22 16 43 38.7-68 35.93N-03 33.46E-05 16-6 19 0-2
 CSEM V 22 16 43 37.8-10 35.96N 33.45E 20 2.9W **¶8474590**
 ISCJB V 22 16 43 38.9-54 35.94N-03 33.49E-06 18-10 2.9W
 ISK V 22 16 43 38.3 35.91N 33.61E 17 3.5
 NIC V 22 16 43 40.6-30 35.95N 33.40E 25 3.2L,2.9W
 NEIC V 22 16 43 40.6 35.95N 33.40E 25 3.2L,2.9W

ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=3.9km s-min=2.1km az=112.0.
 ISCJB Event type ke. Error ellipse: s-maj=8.7km s-min=5.0km az=30.0.
 NIC Moment Tensor Solution. M₂2.0000×10¹³
 NEIC Event type se. After NIC.
ISC V 30 03 49 30.1-2.4 35.1N-30 34.1E-10 63-20 9 0-2
 ISCJB V 30 03 49 32.8-2.6 35.2N-20 33.9E-10 45-27 **¶8474689**
 CSEM V 30 03 49 32.4-77 34.83N 33.88E 34-6 2.7W
 NEIC V 30 03 49 33.2 35.03N 33.91E 46 2.7
 NIC V 30 03 49 33.2-30 35.03N 33.91E 46 2.7L,2.7W

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=36.5km s-min=14.6km az=146.5.
 CSEM Event type ke. Error ellipse: s-maj=35.7km s-min=5.9km az=167.0.
 NEIC Event type se. After NIC.
 NIC Moment Tensor Solution. M₈4.0000×10¹²
ISC IV 04 05 24 23.3-22 34.59N-01 32.26E-02 10 3.8b 170 0-80
 ISK IV 04 05 24 20.9 34.32N 32.21E 33 4.0L **¶8336650**
 HLW IV 04 05 24 21.0 34.97N 32.13E 33 3.5b
 ISCJB IV 04 05 24 21.8-23 34.56N-01 32.23E-02 10 3.8b
 CSEM IV 04 05 24 21.8-08 34.64N 32.12E 15 3.6W
 NIC IV 04 05 24 21.6-20 34.62N 32.06E 16 4.1b,3.7L
 MOS IV 04 05 24 21.8-1.4 34.41N 32.02E 32 4.0b,3.7L
 NSSC IV 04 05 24 23.8 34.75N 32.05E 40 4.0b,3.7L
 NEIC IV 04 05 24 25.9-99 34.55N 32.17E 44-10 4.0b,3.7L
 IDC IV 04 05 24 28.2-3.1 34.89N 32.06E 45-28 3.8,3.7L
 GII IV 04 05 25 03.9-38 34.41N 32.29E 25-30 3.4W,3.4L

ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=2.6km s-min=2.0km az=127.8.
 CSEM Event type ke. Error ellipse: s-maj=2.0km s-min=1.6km az=82.0.
 NEIC Event type se. Felt earthquake; Maximum Intensity 3; Felt I-III MM at Patos. Moment Tensor Solution. M₂2.90000×10¹⁴
 Error ellipse: s-maj=21.5km s-min=10.6km az=87.9.
 NSSC Event type fe.
 IDC Event type se. Error ellipse: s-maj=13.1km s-min=10.6km az=207.0.
 Error ellipse: s-maj=31.0km s-min=16.6km az=158.0.
 GII Error ellipse: s-maj=1.8km s-min=2.0km az=-1.0.

(373) Dead Sea region.
ISC VI 06 07 58 50.7-49 30.83N-03 35.15E-04 13-4 27 0-108

Table with columns for station codes (ISC, CSEM, ISK, NIC, etc.), dates, times, and coordinates. Includes event type descriptions and error ellipses.

Table for (375) Iraq, listing stations like ISK, ISC, IDC, etc., with associated data and event details.

SEISMIC REGION 31. Western Mediterranean Area.

Table for (376) Portugal, listing stations like ISC, IDC, ISK, etc., with associated data and event details.

Main table listing stations (ISC, CSEM, ISK, etc.), dates, times, coordinates, and detailed event type descriptions with error ellipses.

LDG	IV	11 01 38 33.5-09	43.06N	0.48W	5-0	1.9L,1.9			
MDD		Error ellipse: s-maj=2.5km s-min=1.2km az=3.0	PRXIMO						
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
LDG		Event type ke. Error ellipse: s-maj=2.2km s-min=1.5km az=148.0							
ISC	IV	12 08 26 53.4-75	43.09N-06	0.62W-04	14-8		16	0-2	
ISCJB	IV	12 08 26 53.3-54	43.13N-05	0.60W-03	5		¶18320365		
STR	IV	12 08 26 53.7-09	43.10N	0.62W	5-1	2.2L			
LDG	IV	12 08 26 53.9-15	43.09N	0.64W	2-0	2.2L			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=6.8km s-min=3.2km az=20.8							
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
LDG		Event type ke. Error ellipse: s-maj=3.9km s-min=3.0km az=3.0							
ISC	IV	13 19 38 23.0-2.6	43.1N-10	0.94W-06	12-22		12	0-0	
ISCJB	IV	13 19 38 23.2-9-30	43.1N-10	0.94W-06	11-29		¶18320475		
CSEM	IV	13 19 38 23.2-04	43.09N	0.94W	10	2.0L			
LDG	IV	13 19 38 23.4-05	43.08N	0.94W	2-0	1.8			
STR	IV	13 19 38 23.1-18	43.07N	0.96W	2-1	2.0L			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=17.4km s-min=6.2km az=31.0							
CSEM		Event type ke. Error ellipse: s-maj=1.6km s-min=0.8km az=22.0							
LDG		Event type ke. Error ellipse: s-maj=1.5km s-min=0.8km az=23.0							
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
MDD	IV	25 07 00 06.7-25	42.75N	0.51E	9-4	1.8			
LDG	IV	25 07 00 06.1-08	42.73N	0.51E	3-0	2.5,2.4L	¶18321139		
CSEM	IV	25 07 00 06.6-06	42.76N	0.52E	5	2.4L,2.4L			
STR	IV	25 07 00 06.0-11	42.75N	0.52E	5-1	2.3L,2.4L			
MDD		Error ellipse: s-maj=2.1km s-min=1.3km az=179.0	PRXIMO						
LDG		Event type ke. Error ellipse: s-maj=2.1km s-min=0.6km az=1.0							
CSEM		Event type ke. Error ellipse: s-maj=1.6km s-min=0.9km az=175.0							
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
STR	IV	01 16 01 50.2-41	42.91N	0.81W	10-1	2.2L			
LDG	IV	01 16 01 50.3-14	42.86N	0.82W	3-0	2.1,2.0L	¶18228641		
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
LDG		Event type ke. Error ellipse: s-maj=2.9km s-min=1.0km az=16.0							
LDG	IV	07 09 10 52.4-04	43.02N	0.14W	5-0	1.7			
STR	IV	07 09 10 52.2-3-1	42.91N	0.25W	7-1	2.2L	¶18228908		
LDG		Event type ke. Error ellipse: s-maj=1.5km s-min=0.6km az=2.0							
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
MDD	IV	14 19 56 39.9-24	43.03N	0.12W	0	1.3			
STR	IV	14 19 56 38.4-11	43.04N	0.11W	10-1	2.0L	¶18320544		
LDG	IV	14 19 56 39.4-08	43.03N	0.12W	2-0	2.0,1.5L			
MDD		Error ellipse: s-maj=2.4km s-min=1.3km az=21.0	PRXIMO						
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
LDG		Event type ke. Error ellipse: s-maj=3.0km s-min=1.2km az=3.0							
MDD	IV	15 02 48 38.1-25	43.04N	0.18W	0	1.2			
STR	IV	15 02 48 36.6-16	43.05N	0.17W	10-1	2.1L	¶18320574		
LDG	IV	15 02 48 37.6-05	43.02N	0.18W	2-0	2.0,1.6L			
MDD		Error ellipse: s-maj=2.6km s-min=1.3km az=19.0	PRXIMO						
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
LDG		Event type ke. Error ellipse: s-maj=1.7km s-min=0.8km az=2.0							
MDD	IV	15 04 47 23.1-25	42.42N	2.32E	0	1.5			
STR	IV	15 04 47 21.5-11	42.41N	2.33E	10-1	2.2L	¶18320581		
LDG	IV	15 04 47 22.5-37	42.39N	2.35E	2-0	2.2,2.0L			
MDD		Error ellipse: s-maj=2.3km s-min=1.6km az=155.0	PRXIMO						
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
LDG		Event type ke. Error ellipse: s-maj=5.9km s-min=2.5km az=150.0							
LDG	IV	26 10 09 46.9-09	43.04N	0.13W	5-0	1.8,1.5L			
STR	IV	26 10 09 47.0-19	43.02N	0.10W	5-1	2.2L,1.5L	¶18321188		
LDG		Event type ke. Error ellipse: s-maj=3.4km s-min=1.3km az=176.0							
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
MDD	IV	01 07 02 35.9-68	43.16N	1.61W	10-1	0.9			
LDG	IV	01 07 02 33.4-1.2	43.26N	1.74W	2-0	2.2,2.0L	¶18197918		
MDD		Error ellipse: s-maj=5.6km s-min=2.4km az=114.0	PRXIMO						
LDG		Event type ke. Error ellipse: s-maj=44.6km s-min=19.0km az=24.0							
ISC	IV	26 21 32 55.3-47	43.07N-02	0.11W-03	13-7		48	0-4	
ISCJB	IV	26 21 32 54.4-34	43.12N-02	0.09W-02	0		¶18321207		
STR	IV	26 21 32 55.6-10	43.02N	0.11W	5-1	2.2L			
LDG	IV	26 21 32 55.6-06	43.03N	0.11W	8-0	2.0,1.8L			
MDD	IV	26 21 32 56.3-23	43.03N	0.12W	0	1.6,1.8L			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=3.1km s-min=2.5km az=172.5							
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
LDG		Event type ke. Error ellipse: s-maj=1.4km s-min=1.0km az=3.0							
MDD		Error ellipse: s-maj=2.7km s-min=1.4km az=12.0	PRXIMO						
MDD	IV	27 17 07 23.1-25	43.12N	0.61W	10-1	1.6			
LDG	IV	27 17 07 22.9-08	43.09N	0.63W	12-0	2.0,1.9L	¶18321241		
STR	IV	27 17 07 23.2-13	43.05N	0.62W	5-1	2.2L,1.9L			
MDD		Error ellipse: s-maj=2.9km s-min=1.3km az=12.0	PRXIMO						
LDG		Event type ke. Error ellipse: s-maj=3.2km s-min=1.2km az=9.0							
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
MDD	IV	27 18 56 57.8-22	42.83N	1.21W	0	1.5			
LDG	IV	27 18 56 56.2-28	42.78N	1.30W	4-0	2.0L,1.9	¶18321246		
STR	IV	27 18 56 56.6-82	42.81N	1.28W	5-1	2.2L,1.9			
MDD		Error ellipse: s-maj=1.8km s-min=1.3km az=138.0	PRXIMO						
LDG		Event type ke. Error ellipse: s-maj=4.8km s-min=2.0km az=38.0							
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
MDD	IV	28 04 43 05.6-22	42.83N	1.20W	0	1.4			
LDG	IV	28 04 43 04.2-28	42.79N	1.29W	4-0	2.0L,1.8	¶18321277		
STR	IV	28 04 43 04.6-62	43.19N	0.68W	10-1	2.2L,1.8			
MDD		Error ellipse: s-maj=1.7km s-min=1.2km az=136.0	PRXIMO						
LDG		Event type ke. Error ellipse: s-maj=4.8km s-min=2.0km az=41.0							
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
MDD	IV	17 20 23 30.0-37	43.12N	1.04W	5-6	1.2			
STR	IV	17 20 23 28.4-17	43.11N	1.04W	10-1	2.1L	¶18320712		
LDG	IV	17 20 23 29.6-08	43.10N	1.03W	2-0	2.0,1.6L			
MDD		Error ellipse: s-maj=2.2km s-min=1.2km az=15.0	PRXIMO						
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
LDG		Event type ke. Error ellipse: s-maj=2.4km s-min=1.4km az=21.0							
MDD	IV	18 03 49 31.1-30	43.09N	0.45W	7-4	1.0			
STR	IV	18 03 49 30.6-11	43.10N	0.46W	5-1	2.2L	¶18320735		
LDG	IV	18 03 49 30.5-06	43.08N	0.47W	10-0	2.0,1.9L			
MDD		Error ellipse: s-maj=2.6km s-min=1.3km az=11.0	PRXIMO						
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
LDG		Event type ke. Error ellipse: s-maj=1.7km s-min=1.0km az=180.0							
STR	IV	22 13 58 54.1-10	43.07N	0.69W	5-1	2.1L			
LDG	IV	22 13 58 54.4-07	43.07N	0.70W	3-0	1.8,1.6L	¶18320997		
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
LDG		Event type ke. Error ellipse: s-maj=2.5km s-min=1.2km az=8.0							
MDD	IV	29 07 38 46.3-19	42.59N	0.86E	0	1.7			
STR	IV	29 07 38 45.6-25	42.62N	0.87E	10-1	2.3L	¶18321316		
LDG	IV	29 07 38 45.8-04	42.59N	0.85E	7-0	2.2L,2.0			
MDD		Error ellipse: s-maj=1.8km s-min=1.3km az=27.0	PRXIMO						
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
LDG		Event type ke. Error ellipse: s-maj=1.1km s-min=0.6km az=29.0							
ISC	IV	29 14 49 19.1-45	43.09N-04	1.27W-03	11-4		50	0-3	
ISCJB	IV	29 14 49 18.9-47	43.10N-04	1.25W-03	13-4		¶18321329		
LDG	IV	29 14 49 18.5-16	43.09N	1.30W	15-0	2.4L,2.3			
STR	IV	29 14 49 18.7-36	43.12N	1.26W	10-1	2.2L,2.3			
CSEM	IV	29 14 49 19.4-03	43.11N	1.28W	11	2.4L,2.3			
MDD	IV	29 14 49 19.5-13	43.11N	1.28W	11-0	1.8,2.3			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=6.7km s-min=3.9km az=22.1							
LDG		Event type ke. Error ellipse: s-maj=3.6km s-min=1.7km az=43.0							
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
CSEM		Event type ke. Error ellipse: s-maj=0.9km s-min=0.6km az=177.0							
MDD		Error ellipse: s-maj=1.3km s-min=1.2km az=61.0	PRXIMO						
ISC	IV	19 12 43 07.2-64	42.56N-03	0.91W-04	10		28	0-2	
ISCJB	IV	19 12 43 06.4-65	42.55N-03	0.91W-04	10		¶18320786		
STR	IV	19 12 43 06.2-81	42.51N	0.97W	5-1	2.5L			
NEIC	IV	19 12 43 06.2	42.52N	0.97W	10	2.5L			
CSEM	IV	19 12 43 07.8-21	42.59N	0.92W	10	2.4L			

LDG	IV	19 12 43 07.1-36	42.56N	0.93W	5-0	2.4L,2.2			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=5.5km s-min=4.1km az=78.5							
STR		Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0							
NEIC		Event type se. After STR.							
CSEM		Event type ke.							
LDG		Event type ke. Error ellipse: s-maj=6.4km s-min=2.5km az=22.0							
MDD	IV	20 09 03 30.7-21	42.34N	1.45E	0	1.5			
LDG	IV	20 09 03 29.3-09	42.37N	1.42E	20-0	2.2L,2.1	¶18320		

LDG	Event type ke. Error ellipse: s-maj=5.7km s-min=-2.1km az=12.0.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
CSEM	Event type ke. Error ellipse: s-maj=5.7km s-min=-1.6km az=14.0.				
ISC	II 07 14 59 18.8-21 42 56N-01 1.78E-01	492	0-8		
ISCJB	II 07 14 59 17.2-22 42 59N-01 1.81E-01				
STR	II 07 14 59 19.6-24 42 54N-01 1.75E-01				
MDD	II 07 14 59 19.8-14 42 48N-1.76E				
NEIC	II 07 14 59 19.6 42 54N-1.75E				
LDG	II 07 14 59 19.6-05 42 47N-1.76E				
CSEM	II 07 14 59 20.0-07 42 48N-1.77E				
ISC	Event type fe.				
ISCJB	Event type fe. Error ellipse: s-maj=2.2km s-min=1.0km az=129.2.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
MDD	Event type fe. Error ellipse: s-maj=1.4km s-min=1.1km az=169.0. MARTIN ET MERANGES LLES DE CERDANYA, PRXIMO III BELLVER DE CERDANYA EMSINET III PRULLANS PUIGCERD.GI, S II-III GUILS DE CERDANYA II ARSEGUELL I GER LLIVIA LA MOLINA I TOSÉS URTX.				
NEIC	Event type se. After STR.				
LDG	Event type ke. Error ellipse: s-maj=1.2km s-min=0.9km az=137.0.				
CSEM	Event type ke. Error ellipse: s-maj=1.4km s-min=1.1km az=136.0.				
ISC	II 07 22 53 10.6-32 42 79N-02 2.70E-03	102	0-3		
ISCJB	II 07 22 53 09.4-34 42 83N-02 2.72E-03				
MDD	II 07 22 53 11.6-29 42 78N-2.70E				
CSEM	II 07 22 53 11.6-07 42 78N-2.70E				
LDG	II 07 22 53 11.3-09 42 77N-2.69E				
STR	II 07 22 53 11.3-22 42 78N-2.70E				
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=3.7km s-min=-2.9km az=84.9.				
MDD	Error ellipse: s-maj=2.2km s-min=1.8km az=71.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=1.5km s-min=-1.2km az=112.0.				
LDG	Event type ke. Error ellipse: s-maj=1.5km s-min=-1.5km az=150.0.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
MDD	II 07 22 56 55.6-30 42 78N-2.70E	10-0	1.8		
LDG	II 07 22 56 54.3-14 42 72N-2.69E	2-0	2.3,2.2L		
MDD	Error ellipse: s-maj=2.4km s-min=1.9km az=67.0. PRXIMO.				
LDG	Event type ke. Error ellipse: s-maj=2.5km s-min=-1.3km az=159.0.				
MDD	II 07 22 58 17.5-34 42 78N-2.69E	10-1	1.7		
LDG	II 07 22 58 16.2-16 42 72N-2.69E	2-0	2.2L,2.2		
CSEM	II 07 22 58 17.5-09 42 79N-2.71E	10	1.8L,2.2		
STR	II 07 22 58 17.7-88 42 83N-2.64E	10-1	1.8L,2.2		
MDD	Error ellipse: s-maj=2.9km s-min=-2.1km az=91.0. PRXIMO.				
LDG	Event type ke. Error ellipse: s-maj=2.9km s-min=-1.6km az=154.0.				
CSEM	Event type ke. Error ellipse: s-maj=2.0km s-min=-1.4km az=119.0.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
MDD	II 12 22 30 27.3-23 42 59N-0.80E	0	0.9		
LDG	II 12 22 30 27.8-13 42 64N-0.83E	5-0	1.6,1.3L		
STR	II 12 22 30 28.4-26 42 69N-0.86E	5-1	2.1L,1.3L		
MDD	Error ellipse: s-maj=2.1km s-min=1.5km az=27.0. PRXIMO.				
LDG	Event type ke.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
ISC	II 14 08 24 16.5-42 42 50N-02 1.75E-03	48	0-3		
ISCJB	II 14 08 24 15.9-35 42 54N-02 1.73E-03				
LDG	II 14 08 24 16.6-11 42 46N-1.74E	5-0	2.2L,2.2		
STR	II 14 08 24 16.6-37 42 48N-1.76E	5-1	2.1L,2.2		
MDD	II 14 08 24 17.4-19 42 49N-1.75E	0	1.7,2.2		
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=3.0km s-min=-2.7km az=172.0.				
LDG	Event type ke. Error ellipse: s-maj=2.1km s-min=-1.2km az=2.0.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
MDD	Error ellipse: s-maj=1.9km s-min=-1.4km az=10.0. PRXIMO.				
ISC	II 17 05 05 18.0-51 43 03N-03 0.02W-03	47	0-3		
ISCJB	II 17 05 05 17.1-42 43 07N-03 0.03W-03				
MDD	II 17 05 05 18.9-38 43 01N-0.03W	7-5	1.7		
CSEM	II 17 05 05 18.8-13 43 04N-0.04W	0-0	2.5L		
LDG	II 17 05 05 18.5-04 43 01N-0.03W	7-0	2.2L,2.2		
STR	II 17 05 05 18.7-18 43 00N-0.00E	5-1	2.4L,2.2		
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=3.8km s-min=-3.0km az=163.0.				
MDD	Error ellipse: s-maj=2.6km s-min=2.0km az=173.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=3.4km s-min=-1.5km az=13.0.				
LDG	Event type ke. Error ellipse: s-maj=1.0km s-min=0.6km az=174.0.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
ISC	II 17 21 45 50.3-64 43 09N-04 0.34W-04	6-16			
ISCJB	II 17 21 45 49.2-79 43 12N-04 0.33W-04	11-14			
MDD	II 17 21 45 50.7-38 43 10N-0.36W	0	1.2		
LDG	II 17 21 45 50.5-15 43 06N-0.36W	2-0	1.6L,1.5		
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=7.1km s-min=-4.6km az=177.7.				
MDD	Error ellipse: s-maj=3.5km s-min=1.6km az=9.0. PRXIMO.				
LDG	Event type ke. Error ellipse: s-maj=4.9km s-min=-2.4km az=165.0.				
MDD	II 17 22 01 57.6-29 43 07N-1.63W	0	1.7		
LDG	II 17 22 01 56.2-46 43 06N-1.68W	2-0	2.1L,2.1		
MDD	Error ellipse: s-maj=3.2km s-min=0.9km az=99.0. PRXIMO.				
LDG	Event type ke.				
ISC	IV 12 11 53 17.3-75 43 10N-06 0.62W-04	8-10			
ISCJB	IV 12 11 53 16.5-88 43 10N-07 0.61W-04	14-8			
CSEM	IV 12 11 53 16.8-05 43 10N-0.61W	15	2.2L		
STR	IV 12 11 53 16.9-06 43 10N-0.62W	5-1	2.2L		
LDG	IV 12 11 53 17.0-05 43 10N-0.62W	10-0	2.3		
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=11.7km s-min=-4.4km az=30.8.				
CSEM	Event type ke. Error ellipse: s-maj=2.1km s-min=0.9km az=12.0.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
LDG	Event type ke. Error ellipse: s-maj=1.7km s-min=0.7km az=16.0.				
ISC	II 20 21 33 30.1-58 42 20N-03 1.73E-04	16-7			
LDG	II 20 21 33 28.4-33 42 07N-1.79E	7-0	1.9L		
ISCJB	II 20 21 33 29.6-57 42 21N-03 1.68E-04	14-7	1.9L		
STR	II 20 21 33 29.7-16 42 18N-1.69E	2-1	1.8L		
CSEM	II 20 21 33 30.9-19 42 21N-1.75E	5-5	1.8L		
MDD	II 20 21 33 31.1-39 42 24N-1.70E	9-7	1.1		
ISC	Event type ke.				
LDG	Event type ke. Error ellipse: s-maj=5.8km s-min=-1.9km az=162.0.				
ISCJB	Event type ke. Error ellipse: s-maj=5.8km s-min=-3.9km az=123.2.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
CSEM	Event type ke. Error ellipse: s-maj=4.8km s-min=-2.6km az=134.0.				
MDD	Error ellipse: s-maj=2.7km s-min=1.6km az=141.0. PRXIMO.				
MDD	II 22 08 30 53.2-27 43 00N-0.13E	0	1.2		
LDG	II 22 08 30 52.2-04 43 02N-0.13E	10-0	1.8L,1.5		
STR	II 22 08 30 52.6-05 43 04N-0.04W	2-1	1.9L,1.5		
MDD	Error ellipse: s-maj=2.3km s-min=-1.7km az=80.0. PRXIMO.				
LDG	Event type ke. Error ellipse: s-maj=0.8km s-min=0.4km az=163.0.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
ISC	II 22 20 32 58.9-47 42 85N-03 0.63E-02	15-6			
ISCJB	II 22 20 32 58.3-34 42 87N-03 0.64E-02	10			
MDD	II 22 20 32 59.6-20 42 83N-0.62E	10-1	1.4		
LDG	II 22 20 32 59.4-08 42 83N-0.62E	5-1	2.1,1.8L		
STR	II 22 20 32 59.3-07 42 82N-0.62E	5-1	2.2L,1.8L		
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=4.1km s-min=-2.4km az=5.7.				
MDD	Error ellipse: s-maj=2.2km s-min=-1.3km az=179.0. PRXIMO.				
LDG	Event type ke. Error ellipse: s-maj=2.1km s-min=0.8km az=176.0.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
ISC	II 23 06 20 35.9-39 43 10N-02 1.73W-02	13-2			
ISCJB	II 23 06 20 36.1-46 43 16N-03 1.75W-03	19-4			
MDD	II 23 06 20 37.0-22 43 07N-1.74W	4-3	2.3		
CSEM	II 23 06 20 36.7-07 43 07N-1.73W	0-0	2.7L		
LDG	II 23 06 20 36.6-20 43 05N-1.74W	2-0	2.8L,2.8		
STR	II 23 06 20 36.3-39 43 04N-1.72W	5-1	2.8L,2.8		
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=4.6km s-min=-3.4km az=157.9.				
MDD	Error ellipse: s-maj=2.0km s-min=1.2km az=99.0. PRXIMO.				

CSEM	Event type ke. Error ellipse: s-maj=1.3km s-min=-1.0km az=176.0.				
LDG	Event type ke. Error ellipse: s-maj=4.1km s-min=-1.9km az=32.0.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
MDD	II 24 06 05 37.0-24 43 16N-0.93W	0	1.3		
STR	II 24 06 05 35.1-81 43 28N-0.83W	5-1	2.1L		
LDG	II 24 06 05 36.2-09 43 15N-0.92W	10-0	1.7,1.3L		
MDD	Error ellipse: s-maj=2.0km s-min=-1.4km az=20.0. PRXIMO.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
LDG	Event type ke. Error ellipse: s-maj=4.1km s-min=1.6km az=21.0.				
ISC	II 25 11 26 46.6-12 43 12N-10 0.68W-05	19-9			
ISCJB	II 25 11 26 47.0-1.0 43 11N-09 0.69W-05	18-8			
LDG	II 25 11 26 46.7-16 43 12N-0.68W	18-1	1.6		
MDD	II 25 11 26 47.0-62 43 20N-0.65W	0	0.7		
STR	II 25 11 26 47.1-20 42 97N-0.64W	5-1	2.1L		
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=15.9km s-min=-5.8km az=17.8.				
LDG	Event type ke. Error ellipse: s-maj=4.3km s-min=1.5km az=8.0.				
MDD	Error ellipse: s-maj=4.8km s-min=-2.5km az=7.0. PRXIMO.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
MDD	II 26 13 04 58.4-28 42 97N-0.05E	0	0.5		
LDG	II 26 13 04 57.6-04 42 99N-0.05E	10-0	1.7		
STR	II 26 13 04 57.8-13 42 98N-0.05E	5-1	1.7		
MDD	Error ellipse: s-maj=2.9km s-min=-2.0km az=113.0. PRXIMO.				
LDG	Event type ke. Error ellipse: s-maj=1.7km s-min=-1.0km az=156.0.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
ISC	II 27 00 27 01.3-36 43 12N-03 0.44W-03	14-5			
ISCJB	II 27 00 27 00.3-35 43 16N-03 0.41W-03	11-5			
LDG	II 27 00 27 01.9-05 43 08N-0.44W	4-0	2.2L,2.2		
STR	II 27 00 27 01.9-23 43 10N-0.45W	5-1	2.3L,2.2		
MDD	II 27 00 27 02.2-31 43 10N-0.44W	8-3	1.5,2.2		
CSEM	II 27 00 27 02.1-06 43 11N-0.45W	2	2.4L,2.2		
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=5.2km s-min=-3.2km az=169.7.				
LDG	Event type ke. Error ellipse: s-maj=1.5km s-min=0.9km az=166.0.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
MDD	Error ellipse: s-maj=2.8km s-min=-1.4km az=4.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=1.5km s-min=-1.0km az=173.0.				
ISC	II 27 09 09 40.6-36 42 47N-02 2.22E-03	15-3			
ISCJB	II 27 09 09 39.9-34 42 53N-02 2.20E-03	8			
NEIC	II 27 09 09 41.4 42 46N-2.18E	5	2.7L,2.5L		
LDG	II 27 09 09 41.3-05 42 46N-2.22E	5-0	2.5L,2.3		
STR	II 27 09 09 41.0-17 42 45N-2.21E	5-1	2.3L,2.3		
CSEM	II 27 09 09 41.6-10 42 46N-2.23E	10	2.7L,2.3		
MDD	II 27 09 09 41.5-26 42 46N-2.23E	8-3	2.1,2.3		
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=3.2km s-min=-2.5km az=114.1.				
NEIC	Event type se. After STR.				
LDG	Event type ke. Error ellipse: s-maj=1.1km s-min=0.9km az=122.0.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
CSEM	Event type ke. Error ellipse: s-maj=2.4km s-min=-1.6km az=162.0.				
MDD	Error ellipse: s-maj=1.9km s-min=-1.3km az=165.0. PRXIMO.				
MDD	II 27 23 22 17.9-31 43 05N-0.33W	0	0.9		
LDG	II 27 23 22 17.5-09 43 04N-0.33W	2-0	1.8,1.5L		
STR	II 27 23 22 17.5-06 43 05N-0.37W	5-1	2.2L,1.5L		
MDD	Error ellipse: s-maj=3.7km s-min=-1.6km az=20.0. PRXIMO.				
LDG	Event type ke. Error ellipse: s-maj=2.7km s-min=-1.5km az=166.0.				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.				
MDD	IV 06 01 48 01.3-20 43 14N-0.62W	10-0	2.5		
LDG	IV 06 01 48 00.7-29 43 03N-0.66W	5-1	2.6L		
LDG	IV 06 01 48 01.0-06 43 14N-0.63W	8-0	2.9,2.8L		

PDG	Error ellipse: s-maj=0.9km s-min=1.1km az=-1.0.				
CSEM	Event type ke. Error ellipse: s-maj=1.5km s-min=1.2km az=82.0.				
NEIC	Event type se. After PDG.				
ROM	Event type ke. Error ellipse: s-maj=10.0km s-min=4.9km az=44.0.				
ISC	VI 27 04 40 09.9-89 43.18N-03 22.66E-06 0-7	40	1-5		
THE	VI 27 04 40 08.4 43.33N 22.54E 6				
BEQ	VI 27 04 40 09.2-05 43.17N 22.73E 19-0				
ISCJB	VI 27 04 40 09.9-1.1 43.22N-03 22.65E-06 8-9				
SOF	VI 27 04 40 09.5 43.14N 22.73E 6				2.7
NEIC	VI 27 04 40 10.3-1.3 43.18N 22.61E 5				2.7
CSEM	VI 27 04 40 11.0-11 43.21N 22.64E 20				2.7
ISC	Event type ke.				
BEQ	Error ellipse: s-maj=0.3km s-min=0.5km az=-1.0.				
ISCJB	Event type ke. Error ellipse: s-maj=7.6km s-min=4.5km az=176.5.				
NEIC	Event type se. Error ellipse: s-maj=21.6km s-min=10.2km az=76.0.				
CSEM	Event type ke. Error ellipse: s-maj=3.6km s-min=2.2km az=58.0.				
ISC	VI 28 17 25 00.3-39 44.54N-02 21.73E-02 13-2	103	0-5		
BUC	VI 28 17 24 58.5-2.4 44.56N 21.69E 3-17 3.4				
ISCJB	VI 28 17 24 59.2-39 44.54N-02 21.73E-02 11-3 3.4				
CSEM	VI 28 17 24 59.7-06 44.67N 21.72E 2				3.4
BEQ	VI 28 17 24 59.5-16 44.54N 21.78E 21-0 3.4				3.4
PDG	VI 28 17 25 00.6-40 44.51N 21.76E 25-1 3.4				3.4
NEIC	VI 28 17 25 00.6-37 44.49N 21.72E 10				3.4,3.1
SOF	VI 28 17 25 00.2 44.39N 21.94E 5				3.4,3.1
THE	VI 28 17 25 02.3 44.50N 21.74E 22				3.6L,3.1
ISC	Event type ke.				
BUC	Event type se. Error ellipse: s-maj=7.5km s-min=5.9km az=53.0.				
ISCJB	Event type ke. Error ellipse: s-maj=3.1km s-min=2.3km az=88.1.				
CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=0.9km az=-1.0.				
BEQ	Error ellipse: s-maj=0.2km s-min=0.2km az=-1.0.				
PDG	Error ellipse: s-maj=1.9km s-min=0.9km az=-1.0.				
NEIC	Event type se. Error ellipse: s-maj=6.3km s-min=4.4km az=78.0.				
ISC	VI 16 04 29 51.2-30 43.29N-02 18.03E-02 10	58	0-5		
ROM	VI 16 04 29 47.4-59 43.27N 18.53E 10-0				3.2,2.8L
ISCJB	VI 16 04 29 49.9-31 43.30N-02 18.02E-02 10				3.2,2.8L
CSEM	VI 16 04 29 50.0-14 43.40N 18.01E 2				3.2,2.8L
NEIC	VI 16 04 29 51.4 43.25N 18.06E 11				2.8L,2.7
PDG	VI 16 04 29 51.4-20 43.25N 18.06E 11-0				2.8L,2.7
ISC	Event type ke.				
ROM	Event type se. Error ellipse: s-maj=9.5km s-min=6.1km az=88.0.				
ISCJB	Event type ke. Error ellipse: s-maj=3.1km s-min=2.3km az=63.5.				
CSEM	Event type ke. Error ellipse: s-maj=3.7km s-min=2.5km az=23.0.				
NEIC	Event type se. After PDG.				
PDG	Error ellipse: s-maj=0.7km s-min=0.9km az=-1.0.				
ISC	VI 17 09 45 32.3-58 43.28N-02 17.95E-04 10	36	0-4		
ISCJB	VI 17 09 45 31.8-56 43.28N-02 17.99E-04 10				
CSEM	VI 17 09 45 31.0-28 43.33N 17.90E 5				2.6L
NEIC	VI 17 09 45 33.6 43.22N 18.07E 11				2.6L
PDG	VI 17 09 45 33.6-24 43.22N 18.07E 11-1				2.6L
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=4.1km s-min=3.3km az=156.0.				
CSEM	Event type ke. Error ellipse: s-maj=4.7km s-min=3.3km az=98.0.				
NEIC	Event type se. After PDG.				
PDG	Error ellipse: s-maj=1.8km s-min=2.1km az=-1.0.				
ISC	VI 18 02 29 56.4-60 43.32N-02 18.01E-04 5-5	59	1-5		
ISCJB	VI 18 02 29 55.2-59 43.32N-02 18.01E-04 5-5				
NEIC	VI 18 02 29 57.4 43.27N 18.08E 9				2.6,2.5L
PDG	VI 18 02 29 57.4-22 43.27N 18.08E 9-0				2.6,2.5L
CSEM	VI 18 02 29 58.6-1.1 42.88N 18.47E 10				3.2,2.5L
ROM	VI 18 02 29 58.6-1.1 42.88N 18.47E 10-0				3.2,2.5L
SKO	VI 18 02 30 24.6 42.19N 20.64E 25				3.2,2.5L
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=4.6km s-min=3.7km az=46.1.				
NEIC	Event type se. After PDG.				
PDG	Error ellipse: s-maj=0.8km s-min=0.9km az=-1.0.				
CSEM	Event type ke. Error ellipse: s-maj=15.0km s-min=14.4km az=178.0. After ROM.				
ROM	Event type ke. Error ellipse: s-maj=15.0km s-min=14.4km az=178.0.				
ISC	VI 29 22 25 57.2-48 44.04N-03 20.04E-04 5-4	38	0-5		
NEIC	VI 29 22 25 49.6-10 43.46N 19.99E 5				3.6L
ISCJB	VI 29 22 25 56.6-47 44.03N-03 20.06E-04 8-4				3.6L
BEQ	VI 29 22 25 57-22 44.03N 20.07E 3-0				3.6L
CSEM	VI 29 22 25 57.3-20 43.99N 20.08E 2				3.6L
ISC	Event type ke.				
NEIC	Event type se. Error ellipse: s-maj=120.0km s-min=17.6km az=190.0.				
ISCJB	Event type ke. Error ellipse: s-maj=4.9km s-min=4.5km az=173.8.				
BEQ	Error ellipse: s-maj=0.3km s-min=0.3km az=-1.0.				
CSEM	Event type ke. Error ellipse: s-maj=4.1km s-min=3.4km az=144.0.				
ISC	VI 21 06 18 35.6-38 45.40N-02 14.52E-02 2-3	130	0-6		
LJU	VI 21 06 18 34.4 45.37N 14.50E 7				2.8L
ISCJB	VI 21 06 18 35.3-29 45.43N-02 14.51E-02 10				2.8L
NEIC	VI 21 06 18 35.7 45.46N 14.57E 1				2.8L,2.7L
CSEM	VI 21 06 18 36.3-08 45.44N 14.56E 12				3.7L,2.7L
PRU	VI 21 06 18 40.6 45.59N 14.04E 0				3.7L,2.7L
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=2.5km s-min=1.9km az=64.6.				
NEIC	Event type se. After CSEM.				
CSEM	Event type ke. Error ellipse: s-maj=1.4km s-min=1.1km az=35.0.				
ISC	VI 18 23 08 38.8-1.6 42.13N-07 21.43E-05 2-9	25	0-2		
ISCJB	VI 18 23 08 39.6-12 42.06N-06 21.46E-04 8-6				
THE	VI 18 23 08 41.3 42.20N 21.34E 21				
ISCJB	Error ellipse: s-maj=10.0km s-min=5.3km az=164.2.				
ISC	VI 04 01 43 07.1-2.1 41.84N-08 22.86E-09 5	14	1-1		
ISCJB	VI 04 01 43 06.7-1.9 41.83N-07 22.87E-08 5				
SKO	VI 04 01 43 06.5 41.86N 22.87E 8				1.9L,1.4
CSEM	VI 04 01 43 08.6-32 41.78N 22.77E 5				1.9L,1.4
THE	VI 04 01 43 09.3 41.74N 22.85E 5				1.9L,1.4
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=12.1km s-min=6.6km az=66.4.				
CSEM	Event type ke. Error ellipse: s-maj=5.4km s-min=2.7km az=31.0.				
ISC	VI 17 17 07 49.4-41 43.32N-02 17.98E-02 9-3	183	0-16		
PRU	VI 17 17 07 45.8 43.13N 18.49E 0				
ISCJB	VI 17 17 07 48.3-40 43.34N-02 17.97E-02 11-3				
NEIC	VI 17 17 07 49.6 43.30N 18.05E 18				3.4L
PDG	VI 17 17 07 49.6-84 43.30N 18.05E 18-2				3.4L
LDG	VI 17 17 07 49.5-19 43.28N 18.05E 10-0				3.7L
CSEM	VI 17 17 07 49.5-05 43.41N 18.03E 10				3.4L
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=2.7km s-min=2.6km az=55.5.				
NEIC	Event type se. After PDG.				
PDG	Error ellipse: s-maj=1.3km s-min=1.3km az=-1.0.				
LDG	Event type ke. Error ellipse: s-maj=6.5km s-min=3.5km az=26.0.				
CSEM	Event type ke. Error ellipse: s-maj=1.5km s-min=1.1km az=20.0.				
ISC	VI 18 20 05 12.0-45 43.33N-02 17.97E-02 0-3	113	1-7		
CSEM	VI 18 20 05 10.9-06 43.31N 17.91E 2				3.2L
ISCJB	VI 18 20 05 11.6-21 43.33N-02 17.98E-02 10				3.2L
NEIC	VI 18 20 05 12.0 43.28N 17.98E 11				3.2L
PDG	VI 18 20 05 12.0-32 43.28N 17.98E 11-1				3.2L
PRU	VI 18 20 05 15.4 43.68N 18.27E 0				3.2L
SKO	VI 18 20 05 21.8 43.04N 18.19E 7				3.2L
ISC	Event type ke.				
CSEM	Event type ke. Error ellipse: s-maj=1.8km s-min=1.2km az=42.0.				
ISCJB	Event type ke. Error ellipse: s-maj=2.7km s-min=1.7km az=81.1.				
NEIC	Event type se. After PDG.				
PDG	Error ellipse: s-maj=0.9km s-min=1.0km az=-1.0.				
ISC	VI 21 13 39 19.1-40 42.31N-02 19.87E-03 6-5	34	0-2		
ISCJB	VI 21 13 39 18.3-40 42.31N-02 19.86E-03 8-5				
TIR	VI 21 13 39 18.3 42.39N 19.81E 12				
PDG	VI 21 13 39 20.1-19 42.39N 19.87E 10-1				
SKO	VI 21 13 39 22.0 42.32N 20.05E 15				
ISCJB	Error ellipse: s-maj=4.0km s-min=3.3km az=31.4.				
PDG	Error ellipse: s-maj=0.4km s-min=0.5km az=-1.0.				

ISC	II 01 01 02 21.9-35 42.39N-02 19.86E-03 3-6	43	0-2		
CSEM	II 01 01 02 19.6-51 42.33N 19.98E 10				2.5L
TIR	II 01 01 02 20.8 42.41N 19.80E 1				2.5L
SKO	II 01 01 02 21.2 42.60N 19.94E 0				2.5L
PDG	II 01 01 02 21.3-12 42.39N 19.86E 8-2				2.5L
NEIC	II 01 01 02 21.3 42.39N 19.86E 8				2.5L
ISCJB	II 01 01 02 21.4-34 42.39N-02 19.85E-02 1				2.5L
ISC	Event type ke.				
CSEM	Event type ke.				
NEIC	Event type se. After PDG.				
ISCJB	Event type ke.				
ISC	II 02 04 46 06.9-30 41.97N-02 21.32E-02 10	57	0-2		
SKO	II 02 04 46 05.5 41.94N 21.28E 15				2.3L,1.9
PDG	II 02 04 46 06.1-21 42.08N 21.31E 6-0				2.3L,1.9
NEIC	II 02 04 46 06.1 42.08N 21.31E 6				2.8L,1.9
ISCJB	II 02 04 46 06.4-30 41.96N-02 21.30E-02 10				2.8L,1.9
BEQ	II 02 04 46 07.5-50 41.98N 21.31E 11-1				2.8L,1.9
CSEM	II 02 04 46 07.9-25 42.05N 21.47E 10				2.9L,1.9
THE	II 02 04 46 07.1 41.97N 21.23E 6				2.9L,1.9
TIR	II 02 04 46 12.5 42.14N 20.67E 21				2.9L,1.9
ISC	Event type ke.				
PDG	Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0.				
NEIC	Event type se. After PDG.				
ISCJB	Event type ke. Error ellipse: s-maj=3.3km s-min=2.0km az=72.9.				
BEQ	Error ellipse: s-maj=1.0km s-min=1.3km az=-1.0.				
CSEM	Event type ke. Error ellipse: s-maj=8.7km s-min=4.4km az=37.0.				
ISC	II 02 10 21 03.5-46 42.01N-03 21.30E-03 0-4	52	0-3		
SKO	II 02 10 21 02.5 41.95N 21.26E 15				2.4L,2.0
ISCJB	II 02 10 21 03.5-32 41.97N-02 21.29E-03 10				2.4L,2.0
THE	II 02 10 21 03.6 42.15N 21.05E 26				3.1L,2.0
PDG	II 02 10 21 03.2-59 42.02N 21.29E 11-1				3.1L,2.0
NEIC	II 02 10 21 03.2 42.02N 21.29E 11				2.6,2.0
BEQ	II 02 10 21 04-60 42.01N 21.30E 13-1				2.6,2.0
CSEM	II 02 10 21 04.7-25 42.00N 21.46E 10				3.1L,2.0
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=3.5km s-min=2.1km az=76.3.				
PDG	Error ellipse: s-maj=1.7km s-min=1.5km az=-1.0.				
NEIC	Event type se. After PDG.				
BEQ	Error ellipse: s-maj=1.3km s-min=1.2km az=-1.0.				
CSEM	Event type ke. Error ellipse: s-maj=7.8km s-min=4.4km az=46.0.				
ISC	II 02 20 03 07.8-1.1 42.05N-05 21.22E-05 1-7	27	0-3		
SKO	II 02 20 03 07.9 41.98N 21.19E 15				2.0L,1.6
ISCJB	II 02 20 03 08.4-84 42.00N-04 21.27E-04 4-7				2.0L,1.6
THE	II 02 20 03 09.5 42.14N 21.08E 21				2.9L,1.6
ISCJB	Error ellipse: s-maj=7.2km s-min=4.7km az=172.7.				
ISC	II 04 04 41 12.0-21 44.38N-02 16.50E-02 10	189	1-10		
MOS	II 04 04 41 09.4-1.2 44.29N 16.42E 10				3.6b
PDG	II 04 04 41 09.8-73 44.33N 16.60E 10-1				3.6b
ISCJB	II 04 04 41 10.7-22 44.40N-02 16.49E-02 10				3.6b
LDG	II 04 04 41 10.3-33 44.29N 16.71E 10-0				3.1L
PRU	II 04 04 41 11.3 44.28N 16.48E 10				3.1L
NEIC	II 04 04 41 11.3-24 44.28N 16.48E 10				3.2,2.9L
CSEM	II 04 04 41 13.9-06 44.41N 16.55E 40				3.1L,2.9L
SZGRF	II 04 04 41 13.0 44.45N 16.73E 10				3.2b,2.9L
IPEC	II 04 04 41 14.1-51 44.46N 16.58E 17-2				2.2L,2.9L</

CSEM	II	15 23 50 40.1-10	41.83N	22.82E	5	2,7,1,8			
NEIC	II	15 23 50 40.0	41.83N	22.87E	9	2,7,1,8			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=4.2km s-min=3.4km az=39.1.							
CSEM		Event type ke. Error ellipse: s-maj=2.1km s-min=2.0km az=103.0.							
NEIC		Event type se. After SOF.							
ISC	II	16 05 47 21.8-21	41.82N-01	21.92E-02	2		121	0-9	
SKO	II	16 05 47 20.4	41.83N	21.90E	15	3,3L,2,9	118113708		
BEO	II	16 05 47 20-1,2	41.83N	21.85E	9-3	3,3L,2,9			
ISCJB	II	16 05 47 21.1-21	41.82N-01	21.92E-02	2	3,3L,2,9			
PDG	II	16 05 47 21.5-48	41.99N	21.99E	2-1	3,3L,2,9			
THE	II	16 05 47 22.4	41.78N	21.92E	1	3,3L,2,9			
NEIC	II	16 05 47 22.4	41.87N	22.02E	10	3,3,3,2			
SOF	II	16 05 47 22.4	41.87N	22.02E	10	3,3,3,2			
CSEM	II	16 05 47 22.6-14	41.81N	22.00E	2-1	3,3L,3,2			
ATH	II	16 05 47 23.6	41.71N	22.04E	14-6	3,7,3,2			
ISC		Event type ke.							
BEO		Error ellipse: s-maj=4.8km s-min=4.6km az=-1.0.							
ISCJB		Event type ke. Error ellipse: s-maj=2.2km s-min=1.8km az=67.6.							
PDG		Error ellipse: s-maj=1.9km s-min=1.1km az=-1.0.							
NEIC		Event type se. After SOF.							
CSEM		Event type ke. Error ellipse: s-maj=1.7km s-min=1.4km az=58.0.							
ATH		Error ellipse: s-maj=6.4km s-min=4.2km az=-1.0.							
ISC	II	16 07 00 58.3-33	41.81N-03	21.88E-02	11-4		63	0-3	
SKO	II	16 07 00 57.3	41.82N	21.88E	15	2,6L,2,2	110460908		
ISCJB	II	16 07 00 57.4-34	41.82N-02	21.88E-02	9-4	2,6L,2,2			
CSEM	II	16 07 00 58.9-26	41.77N	21.93E	30	2,7L,2,2			
THE	II	16 07 00 59.2	41.78N	21.93E	6	2,7L,2,2			
NEIC	II	16 07 00 59.2	41.78N	21.93E	7	2,8,2,2			
PDG	II	16 07 01 14.3-28	41.85N	20.13E	0-1	2,8,2,2			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=4.2km s-min=3.0km az=20.2.							
CSEM		Event type ke. Error ellipse: s-maj=5.9km s-min=5.6km az=28.0.							
NEIC		Event type se. After THE.							
PDG		Error ellipse: s-maj=1.2km s-min=1.1km az=-1.0.							
ISC	II	16 22 00 46.0-53	45.53N-03	15.85E-04	13-7		41	0-2	
ISCJB	II	16 22 00 45.4-53	45.53N-03	15.84E-04	14-7		118761029		
CSEM	II	16 22 00 45.5-08	45.54N	15.86E	20	2,8L			
LJU	II	16 22 00 45.9	45.54N	15.84E	7	1,6L			
VIE	II	16 22 00 46.8-69	45.59N	15.82E	8-0	2,6L,2,0b			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=4.7km s-min=4.3km az=12.6.							
CSEM		Event type ke. Error ellipse: s-maj=1.7km s-min=1.2km az=15.0.							
VIE		Error ellipse: s-maj=4.1km s-min=2.9km az=127.0. 24 km ENE of Karlovac.							
ISC	II	19 20 55 18.9-51	43.03N-02	17.93E-02	0-4		89	0-7	
ISCJB	II	19 20 55 17.7-50	43.06N-02	17.93E-02	0-4		118113793		
NEIC	II	19 20 55 18.9	42.95N	17.94E	11	3,0L			
PDG	II	19 20 55 18.9-23	42.95N	17.94E	11-0	3,0L			
PRU	II	19 20 55 18.7	43.00N	18.06E	0	3,0L			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=3.6km s-min=2.9km az=153.1.							
NEIC		Event type se. After PDG.							
PDG		Error ellipse: s-maj=0.6km s-min=0.5km az=-1.0.							
ISC	II	21 09 08 27.8-37	41.83N-02	21.90E-02	10		51	0-2	
SKO	II	21 09 08 26.2	41.84N	21.93E	24	2,4L,2,1	119579153		
CSEM	II	21 09 08 27.3-10	41.86N	21.92E	5	2,4L,2,1			
ISCJB	II	21 09 08 27.2-38	41.82N-02	21.90E-02	10	2,4L,2,1			
SOF	II	21 09 08 28.5	41.86N	22.02E	5	2,5,2,1			
THE	II	21 09 08 28.6	41.77N	21.93E	1	2,5L,2,1			
NEIC	II	21 09 08 28.5	41.86N	22.02E	5	2,5,2,1			
ISC		Event type ke.							
CSEM		Event type ke. Error ellipse: s-maj=2.1km s-min=1.6km az=97.0.							
ISCJB		Event type ke. Error ellipse: s-maj=3.4km s-min=2.6km az=2.1.							
NEIC		Event type se. After SOF.							
ISC	II	22 02 00 13.4-39	41.82N-02	21.93E-02	5-9		56	0-3	
ISCJB	II	22 02 00 12.8-34	41.80N-02	21.92E-02	13		119579266		
SKO	II	22 02 00 12.9	41.83N	21.90E	12	2,5L,2,1			
CSEM	II	22 02 00 13.2-16	41.82N	21.91E	15	2,5L,2,1			
THE	II	22 02 00 14.1	41.80N	21.94E	13	2,6L,2,1			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=3.0km s-min=2.4km az=39.2.							
CSEM		Event type ke. Error ellipse: s-maj=3.1km s-min=2.8km az=10.0.							
ISC	II	22 04 04 02.3-40	41.81N-02	21.90E-02	4-5		59	0-3	
ISCJB	II	22 04 04 01.6-37	41.80N-02	21.90E-02	2-5		119579274		
CSEM	II	22 04 04 01.8-08	41.85N	21.92E	5	2,5L			
SKO	II	22 04 04 01.5	41.82N	21.92E	12	2,5L,2,1			
THE	II	22 04 04 03.1	41.78N	21.95E	1	2,6L,2,1			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=3.7km s-min=2.7km az=21.8.							
CSEM		Event type ke. Error ellipse: s-maj=1.8km s-min=1.3km az=2.0.							
ISC	II	24 21 26 35.6-42	41.92N-02	22.95E-03	11-5		48	0-3	
SOF	II	24 21 26 34.7	41.97N	23.00E	16	2,8	119579638		
ISCJB	II	24 21 26 34.9-43	41.93N-02	22.95E-03	13-5	2,8			
SKO	II	24 21 26 35.3	41.92N	22.95E	15	2,0L,1,7			
NEIC	II	24 21 26 35.3	41.92N	22.95E	10	2,8,2,4L			
CSEM	II	24 21 26 35.1-19	41.94N	22.93E	10	2,8,2,4L			
THE	II	24 21 26 35.3	41.92N	22.95E	10	2,7L,2,4L			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=4.3km s-min=3.0km az=123.1.							
NEIC		Event type se. After THE.							
CSEM		Event type ke. Error ellipse: s-maj=3.7km s-min=2.4km az=177.0.							
SKO	II	24 23 39 16.7	41.81N	22.88E	0		119661937		
ISC	II	24 23 39 27.3	41.81N	22.83E	0		110460995		
ISCJB	II	24 23 39 27.3	41.81N	22.83E	0		110460996		
SOF	II	24 23 39 59.8-44	41.79N-03	22.89E-03	15-6		40	0-3	
THE	II	24 23 40 00.5	41.85N	22.95E	19	2,6			
SKO	II	24 23 40 00.5	41.79N	22.87E	7	2,7L			
NEIC	II	24 23 40 00.8	41.80N	22.81E	17	2,0L,1,5			
CSEM	II	24 23 40 00.5	41.85N	22.95E	19	2,6,1,5			
CSEM	II	24 23 40 00.3-07	41.81N	22.88E	15	2,6,1,5			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=4.1km s-min=2.9km az=100.9.							
NEIC		Event type se. After SOF.							
CSEM		Event type ke. Error ellipse: s-maj=1.5km s-min=1.1km az=126.0.							
ISC	II	26 19 38 48.7-17	42.37N-01	19.86E-02	10		216	0-19	
PRU	II	26 19 38 43.8	42.07N	19.87E	0		118106689		
NAO	II	26 19 38 44.9	41.24N	17.11E	33	3,6b			
SKO	II	26 19 38 46.5	42.46N	19.79E	0	3,2L,2,7			
VIE	II	26 19 38 47.0-1.8	42.31N	20.27E	10-0	3,5,3,2b			
TIR	II	26 19 38 47.3	42.35N	19.86E	5	3,5,3,2b			
PDG	II	26 19 38 47.7-1.0	42.38N	19.84E	10-1	3,5,3,2b			
CSEM	II	26 19 38 47.4-0.8	42.39N	19.86E	0-0	3,8L,3,5s			
NEIC	II	26 19 38 47.7	42.38N	19.84E	10	3,5L,3,2L			
LDG	II	26 19 38 47.9-0.9	42.37N	19.88E	10-0	3,6L,3,2L			
ISCJB	II	26 19 38 47.4-17	42.39N-01	19.87E-02	10	3,6L,3,2L			
THE	II	26 19 38 49.5	42.41N	19.85E	17	3,4L,3,2L			
ISC		Event type ke.							
VIE		Error ellipse: s-maj=18.4km s-min=9.6km az=81.0. 106 km WNW of Skopje.							
PDG		Error ellipse: s-maj=1.4km s-min=1.5km az=-1.0.							
CSEM		Event type ke. Error ellipse: s-maj=1.3km s-min=1.1km az=59.0.							
NEIC		Event type se. After PDG.							
LDG		Event type ke. Error ellipse: s-maj=3.5km s-min=1.9km az=31.0.							
ISCJB		Event type ke. Error ellipse: s-maj=2.2km s-min=1.4km az=91.2.							
ISC	II	26 19 57 54.3-42	42.39N-03	19.85E-03	4-7		38	0-2	
TIR	II	26 19 57 51.2	42.37N	19.84E	22		118113959		
SKO	II	26 19 57 51.1	42.51N	19.53E	0				
CSEM	II	26 19 57 53.6-16	42.37N	19.88E	5	2,5L			
ISCJB	II	26 19 57 53.6-39	42.38N-02	19.84E-03	5	2,5L			
PDG	II	26 19 57 54.3-42	42.39N	19.81E	10-1	2,5L			

NEIC	II	26 19 57 54.3	42.39N	19.81E	10	2,5L			
ISC		Event type ke.							
CSEM		Event type ke. Error ellipse: s-maj=3.6km s-min=2.6km az=18.0.							
ISCJB		Event type ke. Error ellipse: s-maj=3.6km s-min=2.6km az=37.6.							
PDG		Error ellipse: s-maj=1.0km s-min=1.1km az=-1.0.							
NEIC		Event type se. After PDG.							
ISC	V	11 16 55 36.3-31	44.027N-01	20.16E-01	3-2	4,4b,4.0s	664	0-84	
STR	V	11 16 55 29.2-6.5	43.82N	20.94E	10-1	4,6L,4.0s	118338826		
BJJ	V	11 16 55 34.9	44.00N	20.20E	10	4,9s,4.9s			
LDG	V	11 16 55 34.2-07	44.06N	20.24E	10-0	4,6L,4.9s			
CSEM	V	11 16 55 34.5	44.04N	20.23E	10	4,5L,4.9s			
ISCJB	V	11 16 55 35.5-27	44.022N-01	20.14E-01	13-2	4,4b,4.0s			
PDG	V	11 16 55 36.0-58	44.05N	20.11E	11-1	4,4b,4.0s			
PRU	V	11 16 55 35.4	43.98N	20.10E	0	4,4,4.0s			
MOS	V	11 16 55 35.1-1.0	44.02N	20.10E	10	4,6b,3.7s			
NEIC	V	11 16 55 37.0-10	44.01N	20.17E	10	4,6L,4.4L			
THE	V	11 16 55 36.4	44.22N	20.16E	30	4,7L,4.4L			
SZGRF	V	11 16 55 36.9	44.03N	20.35E	10				

INMG	IV	08 23 05 40.3-1.6	36.83N	6.88W	31-0	3.4L,3.7L			
ISC	Event type fe.								
IDC	Error ellipse: s-maj=30.5km s-min=21.3km az=97.0.								
ISCJB	Event type fe. Error ellipse: s-maj=3.2km s-min=2.3km az=81.6.								
MOS	Error ellipse: s-maj=10.0km s-min=5.6km az=61.7.								
MDD	Event type fe. Error ellipse: s-maj=4.0km s-min=2.4km az=42.0. EMS: II ISLA CRISTINA. PRXIMO.								
NEIC	Event type fe. Felt [II] at Isla-Cristina, Spain. After MDD.								
LDG	Event type ke. Error ellipse: s-maj=3.4km s-min=1.7km az=24.0.								
INMG	Event type ke. Error ellipse: s-maj=3.5km s-min=1.8km az=36.0.								
ISC	IV	09 01 51 22.0-38	36.91N-02	6.84W-02	49-9		299	1-13	
ISCJB	IV	09 01 51 20.3-38	36.89N-03	6.85W-02	67-5		118228976		
MDD	IV	09 01 51 21.6-37	36.77N	6.92W	45-12	3.9b			
SFS	IV	09 01 51 21.0	36.82N	6.88W	23	2.6L			
CSEM	IV	09 01 51 21.7-10	36.98N	6.79W	40	3.9b			
NEIC	IV	09 01 51 22.4	36.82N	6.88W	39	3.9			
LDG	IV	09 01 51 22.5-15	36.80N	6.91W	25-0	3.8,3.4L			
INMG	IV	09 01 51 22.9-1.1	36.82N	6.87W	31-0	2.7L,3.4L			
IGIL	IV	09 01 51 22.1	36.80N	6.90W	27	3.1L,3.4L			
CNRM	IV	09 01 51 22.0	36.43N	7.03W	6	3.3,3.4L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.8km s-min=2.4km az=57.8.								
MDD	Error ellipse: s-maj=4.6km s-min=2.6km az=38.0. PRXIMO.								
CSEM	Event type ke. Error ellipse: s-maj=2.8km s-min=1.1km az=26.0.								
NEIC	Event type se. After MDD.								
LDG	Event type ke. Error ellipse: s-maj=3.4km s-min=1.6km az=25.0.								
INMG	Event type ke. Error ellipse: s-maj=3.3km s-min=1.7km az=29.0.								
MDD	IV	10 08 16 22.2-1.5	36.82N	6.90W	45-27	3.5b			
CSEM	IV	10 08 16 21.6-29	36.91N	6.83W	35	3.6b	118320264		
MDD	Error ellipse: s-maj=13.9km s-min=6.0km az=26.0. PRXIMO.								
CSEM	Event type ke. Error ellipse: s-maj=7.4km s-min=3.2km az=21.0.								
MDD	IV	23 05 22 04.2-1.3	36.32N	7.81W	0	1.9			
INMG	IV	23 05 22 05.4-80	36.21N	7.91W	20-12	1.9L	118321042		
MDD	Error ellipse: s-maj=12.7km s-min=6.5km az=35.0. PRXIMO PROFUNDIDAD POBRE.								
INMG	Event type ke. Error ellipse: s-maj=9.3km s-min=3.6km az=30.0.								
MDD	VI	07 16 48 02.9-98	35.05N	3.84W	11-10	3.3b			
CSEM	VI	07 16 48 03.0	35.07N	3.78W	0	3.3L	118463748		
SFS	VI	07 16 48 03.0	35.07N	3.78W	0	3.3L			
MDD	Error ellipse: s-maj=7.2km s-min=3.8km az=110.0. PRXIMO.								
CSEM	After SFS.								
ISC	III	14 22 42 07.3-69	35.15N-03	3.93W-05	8-6		46	0-4	
ISCJB	III	14 22 42 07.0-69	35.14N-03	3.95W-04	10-5		110603850		
CSEM	III	14 22 42 06.7-19	35.12N	3.88W	10	3.1			
MDD	III	14 22 42 07.5-51	35.13N	3.96W	0	1.9			
CNRM	III	14 22 42 08.2	35.09N	3.94W	0	3.1			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=6.3km s-min=4.9km az=136.8.								
CSEM	Event type ke. Error ellipse: s-maj=6.1km s-min=3.6km az=84.0.								
MDD	Error ellipse: s-maj=7.4km s-min=3.4km az=60.0. PRXIMO.								
ISC	III	18 16 26 00.3-92	36.35N-06	6.07W-06	30-4		37	0-3	
SFS	III	18 16 25 59.0	36.34N	6.09W	40	2.5L	110606065		
CSEM	III	18 16 25 59.1-20	36.41N	6.06W	30	2.5L			
ISCJB	III	18 16 26 00.9-56	36.40N-04	6.04W-05	29-4	2.5L			
MDD	III	18 16 26 00.3-47	36.39N	6.11W	31-1	1.8			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=5.8km s-min=4.7km az=58.0.								
ISCJB	Event type ke. Error ellipse: s-maj=7.3km s-min=6.3km az=61.1.								
MDD	Error ellipse: s-maj=5.3km s-min=3.8km az=35.0. PRXIMO.								
MDD	III	10 20 13 44.0-1.1	35.21N	4.19W	12-10	1.9			
CSEM	III	10 20 13 43.6	35.26N	4.17W	10	3.0	110601408		
CNRM	III	10 20 13 43.6	35.26N	4.17W	10	3.0			
MDD	Error ellipse: s-maj=8.8km s-min=6.0km az=49.0. PRXIMO.								
CSEM	After CNRM.								
ISC	III	19 22 13 23.6-1.0	35.01N-05	3.00W-06	5-6		39	0-5	
CSEM	III	19 22 13 22.3-50	34.97N	3.02W	5	3.2L	110606821		
ISCJB	III	19 22 13 23.1-94	35.01N-05	2.98W-06	9-5	3.2L			
MDD	III	19 22 13 24.2-97	34.96N	2.94W	0	1.8			
SFS	III	19 22 13 26.0	35.07N	3.12W	0	3.2L			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=12.0km s-min=8.0km az=19.0.								
ISCJB	Event type ke. Error ellipse: s-maj=8.9km s-min=7.5km az=98.2.								
MDD	Error ellipse: s-maj=9.2km s-min=3.9km az=31.0. PRXIMO.								
MDD	III	15 13 22 36.7-26	36.93N	4.95W	11-0	3.1			
INMG	III	15 13 22 36.1-1.4	36.96N	4.94W	5-3	3.1L	110604236		
NEIC	III	15 13 22 36.6	36.94N	4.95W	10	3.2			
CSEM	III	15 13 22 36.9-07	37.01N	4.97W	10	3.5L			
SFS	III	15 13 22 36.0	36.90N	4.98W	15	2.8L			
MDD	Error ellipse: s-maj=2.5km s-min=1.8km az=178.0. PRXIMO.								
INMG	Event type ke. Error ellipse: s-maj=2.2km s-min=1.9km az=22.0.								
NEIC	Event type se. After MDD.								
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.1km az=178.0.								
MDD	III	16 06 57 12.3-67	36.76N	7.17W	24-2	2.7			
CSEM	III	16 06 57 10.6-15	36.73N	7.25W	20	3.2L	110604635		
INMG	III	16 06 57 11.3-1.1	36.69N	7.22W	15-3	2.6L			
SFS	III	16 06 57 12.0	36.83N	7.08W	11	2.5L			
IGIL	III	16 06 57 12.3	36.80N	7.20W	20	2.7L			
NEIC	III	16 06 57 13.1	36.82N	7.02W	11	2.8,2.6L			
MDD	Error ellipse: s-maj=6.3km s-min=3.4km az=33.0. PRXIMO.								
CSEM	Event type ke. Error ellipse: s-maj=3.4km s-min=1.5km az=20.0.								
INMG	Event type ke. Error ellipse: s-maj=4.1km s-min=2.1km az=39.0.								
NEIC	Event type se. After MDD.								
ISC	III	25 03 45 59.7-46	35.28N-03	4.08W-03	10		64	0-4	
NEIC	III	25 03 45 56.8	35.07N	4.09W	0	3.1	110610062		
CSEM	III	25 03 45 58.0-26	35.16N	4.17W	18-2	3.0			
ISCJB	III	25 03 45 59.2-44	35.30N-03	4.10W-03	10	3.0			
MDD	III	25 03 45 59.3-63	35.25N	4.19W	0	3.0b			
CNRM	III	25 03 46 01.5	35.32N	3.87W	7	3.0			
ISC	Event type ke.								
NEIC	Event type se. After MDD.								
CSEM	Event type ke. Error ellipse: s-maj=6.7km s-min=4.2km az=21.0.								
ISCJB	Event type ke. Error ellipse: s-maj=4.4km s-min=3.1km az=97.3.								
MDD	Error ellipse: s-maj=8.1km s-min=3.8km az=48.0. PRXIMO.								
MDD	III	26 18 15 42.5-18	36.92N	4.94W	10-0	3.5			
IDC	III	26 18 15 40.0-1.8	36.86N	4.98W	0	3.5L,3.5b	110611159		
INMG	III	26 18 15 41.9-1.1	36.96N	4.97W	1-2	3.5L,3.5b			
CSEM	III	26 18 15 42.8-05	36.94N	4.95W	8	3.9L,3.5b			
NEIC	III	26 18 15 42.4	36.92N	4.94W	10	3.5,3.5b			
SFS	III	26 18 15 42.0	36.92N	4.96W	0	3.1L,3.5b			
IGIL	III	26 18 15 43.4	36.90N	4.80W	30	3.7L,3.5b			
LDG	III	26 18 15 43.3-12	36.91N	4.97W	10-0	4.0L,3.5b			
CNRM	III	26 18 15 47.7	36.90N	4.91W	30	3.8,3.5b			
MDD	Event type fe. Error ellipse: s-maj=1.9km s-min=1.6km az=8.0. EMS: III ARDALES CAQUETE LA REAL. PRXIMO II TEBE I CUEVAS DEL BECERRO.								
IDC	Error ellipse: s-maj=38.2km s-min=14.4km az=96.0.								
INMG	Event type ke. Error ellipse: s-maj=1.6km s-min=1.2km az=178.0.								
CSEM	Event type ke. Error ellipse: s-maj=1.2km s-min=1.0km az=171.0.								
NEIC	Event type fe. Felt [III] at Ardales and Canete la Real; [II] at Teba; [I] at Cuevas del Becerro, Spain. After MDD.								
LDG	Event type ke.								
MDD	III	26 20 45 13.7-31	36.93N	4.95W	11-0	2.5			
INMG	III	26 20 45 13.7-1.0	36.94N	4.95W	7-2	2.5L	110611247		
CSEM	III	26 20 45 13.7-07	36.95N	4.91W	2	2.9L			
SFS	III	26 20 45 14.0	36.94N	4.98W	0	2.3L			
MDD	Error ellipse: s-maj=2.9km s-min=2.2km az=177.0. PRXIMO.								
INMG	Event type ke. Error ellipse: s-maj=1.7km s-min=1.5km az=17.0.								
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.2km az=6.0.								
MDD	III	14 03 37 37.1-63	36.90N	4.93W	19-12	2.9b,1.3			
CSEM	III	14 03 37 36.6-08	36.91N	4.95W	10	1.2L,1.3	110603347		
SFS	III	14 03 37 36.0	36.94N	4.94W	0	1.2L,1.3			
MDD	Error ellipse: s-maj=4.4km s-min=3.2km az=0.0. PRXIMO.								
CSEM	Event type ke. Error ellipse: s-maj=2.1km s-min=1.9km az=19.0.								

MDD	III	19 21 58 59.8-1.1	35.33N	3.13W	0	1.6			
SFS	III	19 21 58 55.0	34.96N	3.17W	0	3.1L			110606811
CSEM	III	19 21 58 56.0-1.1	35.01N	3.15W	25	3.1L			
MDD	Error ellipse: s-maj=17.4km s-min=4.1km az=29.0. PRXIMO.								
CSEM	Event type ke. Error ellipse: s-maj=25.4km s-min=12.1km az=177.0.								
MDD	III	24 23 04 24.0-1.7	36.59N	8.00W	70-27	3.2b			110609917
CSEM	III	24 23 04 25.5-36	36.80N	7.83W	40	3.5b			
NEIC	III	24 23 04 27.9-6.2	36.82N	7.65W	35	3.5			
MDD	Error ellipse: s-maj=15.7km s-min=9.6km az=23.0. PRXIMO.								
CSEM	Event type ke. Error ellipse: s-maj=8.0km s-min=4.0km az=26.0.								
NEIC	Event type se. Error ellipse: s-maj=7.9km s-min=13.5km az=46.0.								
ISC	III	01 03 06 05.5-33	35.78N-02	3.94W-03	10		67	1-6	
ISCJB	III	01 03 06 04.7-37	35.74N-02	3.93W-03	10		110594915		
SFS	III	01 03 06 05.0	35.71N	3.97W	0	2.2L			
IGIL	III	01 03 06 06.0	35.71N	3.97W	1	2.4L			
INMG	III	01 03 06 06.3-1.0	35.58N	3.97W	31-0	2.2L			
CSEM	III	01 03 06 07.5-16	35.67N	3.82W	35	3.1			
CNRM	III	01 03 06 09.1	35.70N	3.77W	17	3.1			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.7km s-min=3.1km az=118.4.								
INMG	Event type ke. Error ellipse: s-maj=4.4km s-min=2.9km az=43.0.								
CSEM	Event type ke. Error ellipse: s-maj=4.8km s-min=3.2km az=69.0.								
ISC	III	03 04 48 24.7-33	36.97N-03	4.91W-02	16-3		87	0-4	
CSEM	III	03 04 48 25.5-07	36.98N	4.97W	5	2.7L	110596318		
NEIC	III	03 04 48 25.2	36.90N	4.94W	11	2.5			
ISCJB	III	03 04 48 25.4-43	36.99N-05	4.95W-03	24-8	2.5			
SFS	III	03 04 48 25.0	36.87N	4.91W	16	2.2L			
MDD	III	03 04 48 25.4-24	36.90N	4.91W	10-0	2.3			
INMG	III	03 04 48 25.3-1.1	36.91N	4.90W	11-3	2.4L			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=2.0km s-min=1.3km az=170.0.								
NEIC	Event type se. After MDD.								
ISCJB	Event type ke. Error ellipse: s-maj=8.6km s-min=3.9km az=163.9.								
MDD	Error ellipse: s-maj=2.4km s-min=1.9km az=170.0. PRXIMO.								
INMG	Event type ke. Error ellipse: s-maj=2.3km s-min=2.1km az=77.0.								
ISC	VI	07 13 18 01.0-45	35.08N-02	3.81W-03	11-3		105	0-7	
CRAAG	VI	07 13 17 59.8	35.08N	3.73W	0	3.8b	118463747		
SFS	VI	07 13 18 00.0	35.04N	3.78W	0	3.6L			
ISCJB	VI	07 13 18 00.6-47	35.07N-02	3.81W-03	14-3	3.6L			
CSEM	VI	07 13 18 00.3-07	35.07N	3.68W	5	3.6L			
MDD	VI	07 13 18 01.4-29	35.09N	3.77W	0	3.5b			
CNRM	VI	07 13 18 02.1	35.05N	3.73W	3	3.7			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.7km s-min=3.0km az=73.5.								
CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=1.5km az=126.0.								
MDD	Error ellipse: s-maj=3.5km s-min=2.8km az=87.0. PRXIMO.								
ISC	VI	07 18 11 50.0-58	35.02N-03	3.82W-04	13-3		26	0-4	
CSEM	VI	07 18 11 48.4-15	34.90N	3.					

INMG	Event type ke. Error ellipse: s-maj=2.1km s-min=1.4km az=24.0.				
CSEM	Event type ke. Error ellipse: s-maj=1.6km s-min=0.9km az=4.0.				
NEIC	Event type fe. Felt [II] at Almagren and Cañete la Real, After MDD.				
MDD	VI 06 22 14 20.8-67 36.37N 6.12W 31-2 1.4				
CSEM	VI 06 22 14 19.8-31 36.41N 6.03W 35 3.2b				
NEIC	VI 06 22 14 20.0 36.38N 6.12W 48 3.2				
SFS	VI 06 22 14 20.0 36.37N 6.13W 47 3.2L				
INMG	VI 06 22 14 21.4-1.0 36.37N 6.10W 30-7 1.8L				
MDD	Error ellipse: s-maj=8.6km s-min=4.6km az=17.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=7.2km s-min=6.1km az=4.0.				
NEIC	Event type se. After MDD.				
INMG	Event type ke. Error ellipse: s-maj=5.5km s-min=3.0km az=7.0.				
MDD	VI 09 00 03 54.6-1.8 36.63N 7.26W 73-25 2.5b				
INMG	VI 09 00 03 55.0-1.0 36.57N 7.20W 31-0 1.3L				
MDD	Error ellipse: s-maj=16.8km s-min=10.7km az=7.0. PRXIMO SOLUCIN POBRE.				
INMG	Event type ke. Error ellipse: s-maj=6.7km s-min=3.8km az=17.0.				
MDD	VI 09 03 15 30.2-1.8 35.33N 4.58W 33-1 2.1				
INMG	VI 09 03 15 31.4-1.2 35.44N 4.64W 28-22 1.7L				
MDD	Error ellipse: s-maj=17.3km s-min=8.8km az=178.0. PRXIMO.				
INMG	Event type ke. Error ellipse: s-maj=13.9km s-min=5.3km az=173.0.				
ISC	II 01 08 40 54.7-66 35.16N-03 3.92W-08 12-5 34 0-4				
CSEM	II 01 08 40 53.7-23 35.16N 3.99W 10 2.7				
ISCJB	II 01 08 40 54.3-66 35.18N-03 3.95W-17 12-5 2.7				
CNRM	II 01 08 40 54.5 35.19N 3.76W 5 2.7				
MDD	II 01 08 40 54.8-48 35.15N 3.90W 0 2.0				
ISC	Event type ke.				
CSEM	Event type ke. Error ellipse: s-maj=8.3km s-min=3.7km az=88.0.				
ISCJB	Event type ke. Error ellipse: s-maj=10.3km s-min=4.6km az=171.7.				
MDD	Error ellipse: s-maj=9.0km s-min=3.6km az=67.0. PRXIMO.				
ISC	II 03 01 56 55.2-69 35.03N-03 4.03W-04 11-4 62 0-5				
ISCJB	II 03 01 56 54.5-74 35.04N-03 4.09W-03 11-4				
CSEM	II 03 01 56 54.0-07 35.01N 4.02W 10 3.3				
NEIC	II 03 01 56 55.5 34.88N 3.99W 17 2.9				
SFS	II 03 01 56 55.0 34.88N 3.99W 17 3.5L				
CNRM	II 03 01 56 55.2 34.98N 4.04W 0 3.3				
MDD	II 03 01 56 55.3-64 34.99N 4.03W 0 3.2b				
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=5.4km s-min=4.5km az=41.2.				
CSEM	Event type ke. Error ellipse: s-maj=1.8km s-min=1.6km az=47.0.				
NEIC	Event type se. After MDD.				
MDD	Error ellipse: s-maj=6.9km s-min=4.0km az=22.0. PRXIMO.				
ISC	II 03 07 07 38.3-64 35.08N-03 4.00W-03 15-4 70 0-7				
ISCJB	II 03 07 07 38.2-65 35.09N-03 4.04W-04 18-7				
CNRM	II 03 07 07 38.9 34.99N 3.96W 0 3.6				
MDD	II 03 07 07 38.1-51 35.07N 4.00W 0 3.6b				
CSEM	II 03 07 07 38.7-06 35.12N 4.02W 20 3.6				
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=5.8km s-min=4.1km az=35.3.				
MDD	Error ellipse: s-maj=5.7km s-min=3.3km az=41.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.2km az=92.0.				
ISC	II 03 07 12 19.2-65 35.03N-03 3.99W-03 15-4 71 0-7				
CSEM	II 03 07 12 17.8-13 35.06N 3.99W 12 3.4				
ISCJB	II 03 07 12 18.5-65 35.04N-03 4.04W-03 14-4 3.4				
CNRM	II 03 07 12 18.7 34.97N 4.06W 0 3.4				
MDD	II 03 07 12 19.2-55 35.06N 4.01W 0 3.7b				
ISC	Event type ke.				
CSEM	Event type ke. Error ellipse: s-maj=2.7km s-min=2.0km az=34.0.				
ISCJB	Event type ke. Error ellipse: s-maj=4.5km s-min=4.0km az=59.2.				
MDD	Error ellipse: s-maj=6.3km s-min=3.3km az=39.0. PRXIMO.				
MDD	II 07 12 42 30.6-1.7 36.58N 7.61W 39-27 2.1				
INMG	II 07 12 42 31.5-88 36.61N 7.64W 31-0 1.9L				
MDD	Error ellipse: s-maj=17.3km s-min=8.1km az=24.0. PRXIMO.				
INMG	Event type ke. Error ellipse: s-maj=5.7km s-min=3.9km az=16.0.				
ISC	II 08 20 01 27.1-81 35.07N-04 4.06W-05 11-6 42 0-4				
CSEM	II 08 20 01 26.6-26 35.09N 4.06W 12 3.1				
ISCJB	II 08 20 01 27.5-97 35.09N-04 4.09W-05 20-12 3.1				
CNRM	II 08 20 01 27.9 34.99N 4.03W 0 3.1				
MDD	II 08 20 01 27.2-60 35.02N 4.05W 0 2.1				
ISC	Event type ke.				
CSEM	Event type ke. Error ellipse: s-maj=6.3km s-min=5.1km az=37.0.				
ISCJB	Event type ke. Error ellipse: s-maj=7.6km s-min=6.1km az=24.0.				
MDD	Error ellipse: s-maj=7.8km s-min=3.9km az=27.0. PRXIMO.				
MDD	II 08 22 36 29.3-96 36.49N 4.62W 42-5 3.0b				
SFS	II 08 22 36 28.0 35.10N 4.04W 38 1.2L				
CSEM	II 08 22 36 29.5-27 36.75N 4.77W 20 2.7b				
MDD	Error ellipse: s-maj=12.4km s-min=5.4km az=152.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=9.0km s-min=5.3km az=141.0.				
ISC	II 08 23 01 07.7-86 35.01N-04 4.05W-05 12-6 49 0-4				
CSEM	II 08 23 02 00.4-11 34.99N 4.02W 10 2.9				
ISCJB	II 08 23 02 01.1-85 35.03N-04 4.09W-05 13-6 2.9				
MDD	II 08 23 02 01.7-66 34.99N 4.05W 0 1.7				
NEIC	II 08 23 02 01.9 34.97N 4.05W 0 2.9				
CNRM	II 08 23 02 02.6 34.97N 4.02W 0 2.9				
ISC	Event type ke.				
CSEM	Event type ke. Error ellipse: s-maj=3.2km s-min=2.8km az=87.0.				
ISCJB	Event type ke. Error ellipse: s-maj=6.9km s-min=6.0km az=126.2.				
MDD	Error ellipse: s-maj=8.5km s-min=4.4km az=24.0. PRXIMO.				
NEIC	Event type se. After MDD.				
ISC	II 09 19 56 58.6-64 35.07N-02 4.02W-03 13-4 70 0-7				
ISCJB	II 09 19 56 57.8-68 35.06N-02 4.06W-03 12-4				
MDD	II 09 19 56 58.5-42 35.08N 4.02W 0 3.2b,2.0				
CSEM	II 09 19 56 58.2-17 35.05N 3.93W 15 3.5,2.0				
CNRM	II 09 19 57 00.3 35.06N 3.86W 12 3.5,2.0				
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=4.6km s-min=3.8km az=6.5.				
MDD	Error ellipse: s-maj=5.5km s-min=3.4km az=50.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=4.9km s-min=3.4km az=91.0.				
ISC	II 14 17 43 44.5-66 35.15N-03 3.99W-05 10-6 51 0-4				
ISCJB	II 14 17 43 44.0-77 35.17N-03 4.02W-04 9-5				
MDD	II 14 17 43 44.8-52 35.14N 3.95W 0 2.2				
CSEM	II 14 17 43 44.6-11 35.15N 3.95W 20 3.0				
NEIC	II 14 17 43 45.6 35.17N 4.04W 0 3.1				
CNRM	II 14 17 43 46.3 35.10N 3.86W 0 3.0				
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=5.2km s-min=4.4km az=115.5.				
MDD	Error ellipse: s-maj=5.6km s-min=4.0km az=58.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=3.2km s-min=2.5km az=63.0.				
NEIC	Event type se. After MDD.				
ISC	II 19 20 27 41.2-55 35.04N-02 3.96W-03 16-4 105 0-8				
CSEM	II 19 20 27 39.9-14 35.04N 3.95W 12 3.6				
ISCJB	II 19 20 27 40.9-48 35.06N-02 3.99W-04 21-5 3.6				
MDD	II 19 20 27 40.9-32 35.07N 3.96W 0 2.7				
CNRM	II 19 20 27 41.8 35.00N 3.95W 3 3.6				
ISC	Event type ke.				
CSEM	Event type ke. Error ellipse: s-maj=5.0km s-min=2.6km az=108.0.				
ISCJB	Event type ke. Error ellipse: s-maj=5.1km s-min=2.5km az=43.8.				
MDD	Error ellipse: s-maj=3.8km s-min=2.9km az=73.0. PRXIMO.				
ISC	II 22 01 01 12.3-20 35.13N-01 4.01W-02 10 3.4b 201 0-77				
SFS	II 22 01 01 11.0 35.00N 3.90W 0 4.2L				
CSEM	II 22 01 01 11.3-08 35.09N 3.92W 15 3.9				
ISCJB	II 22 01 01 11.1-21 35.15N-01 4.07W-02 10 3.4b				
MDD	II 22 01 01 12.6-27 35.12N 3.98W 0 3.2				
LDG	II 22 01 01 12.7-23 35.04N 3.81W 20-0 3.5L				
INMG	II 22 01 01 13.6-1.0 35.15N 3.98W 10-0 3.1L				
CNRM	II 22 01 01 14.1 35.07N 3.88W 7 3.9				
IDC	II 22 01 01 15.3-3.0 35.14N 4.04W 38-30 4.1L,3.6				
IGIL	II 22 01 01 16.1 35.30N 4.10W 2 3.3L,3.6				
ISC	Event type ke.				
CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=1.6km az=117.0.				
ISCJB	Event type ke. Error ellipse: s-maj=2.5km s-min=1.9km az=23.6.				
MDD	Error ellipse: s-maj=3.2km s-min=2.6km az=65.0. PRXIMO.				

LDG	Event type ke. Error ellipse: s-maj=5.1km s-min=4.8km az=90.0.				
INMG	Event type ke. Error ellipse: s-maj=4.8km s-min=2.3km az=174.0.				
IDC	Error ellipse: s-maj=37.6km s-min=18.4km az=88.0.				
ISC	II 22 15 32 14.4-56 35.02N-03 3.97W-04 15-4 58 0-4				
ISCJB	II 22 15 32 13.8-53 35.02N-03 3.80W-05 18-6				
CSEM	II 22 15 32 13.2-16 35.03N 3.85W 15 3.3				
MDD	II 22 15 32 14.6-43 35.06N 3.87W 0 2.4				
CNRM	II 22 15 32 15.7 34.99N 3.82W 7 3.3				
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=6.3km s-min=4.1km az=24.5.				
CSEM	Event type ke. Error ellipse: s-maj=4.3km s-min=3.3km az=78.0.				
MDD	Error ellipse: s-maj=5.6km s-min=3.2km az=55.0. PRXIMO.				
ISC	II 23 07 04 01.9-27 35.16N-02 3.65W-02 10 157 0-12				
CSEM	II 23 07 04 00.2-11 35.11N 3.59W 12 3.7				
LDG	II 23 07 04 00.7-15 35.16N 3.61W 10-0 3.2L				
ISCJB	II 23 07 04 00.9-27 35.15N-02 3.66W-02 10 3.2L				
IGIL	II 23 07 04 02.5 35.20N 3.50W 0 2.4L				
CNRM	II 23 07 04 02.5 35.13N 3.58W 3 3.7				
SFS	II 23 07 04 02.0 35.16N 3.65W 0 2.8L				
MDD	II 23 07 04 02.3-30 35.15N 3.62W 0 2.8				
INMG	II 23 07 04 05.0-94 35.17N 3.58W 31-0 2.7L				
ISC	Event type ke.				
CSEM	Event type ke. Error ellipse: s-maj=2.9km s-min=2.3km az=123.0.				
LDG	Event type ke. Error ellipse: s-maj=3.3km s-min=3.1km az=163.0.				
ISCJB	Event type ke. Error ellipse: s-maj=2.9km s-min=2.4km az=29.0.				
MDD	Error ellipse: s-maj=3.5km s-min=2.7km az=121.0. PRXIMO.				
INMG	Event type ke. Error ellipse: s-maj=5.3km s-min=2.6km az=174.0.				
ISC	II 26 18 29 59.6-73 36.41N-05 6.33W-03 68-6 117 0-7				
NEIC	II 26 18 29 58.7 36.26N 6.40W 70 3.2				
SFS	II 26 18 29 58.0 36.26N 6.39W 70 3.2L				
ISCJB	II 26 18 29 58.5-74 36.42N-05 6.32W-03 77-5 3.2L				
MDD	II 26 18 29 59.4-83 36.28N 6.36W 62-6 3.5b				
CSEM	II 26 18 29 59.1-17 36.41N 6.30W 52-1 3.2L				
INMG	II 26 18 30 00.3-80 36.32N 6.37W 26-4 2.1L				
ISC	Event type ke.				
NEIC	Event type se. After MDD.				
ISCJB	Event type ke. Error ellipse: s-maj=8.2km s-min=3.5km az=36.2.				
MDD	Error ellipse: s-maj=8.9km s-min=4.3km az=17.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=3.4km s-min=1.6km az=20.0.				
INMG	Event type ke. Error ellipse: s-maj=3.0km s-min=2.4km az=21.0.				
MDD	II 26 23 22 56.4-18 36.84N 4.90W 20-3 2.5				
SFS	II 26 23 22 56.0 36.86N 4.91W 18 2.3L				
CSEM	II 26 23 22 56.1-06 36.93N 4.90W 2 3.2L				
INMG	II 26 23 22 56.8-1.6 36.89N 4.92W 10-0 2.5L				
MDD	Event type fe. Error ellipse: s-maj=3.0km s-min=1.8km az=176.0. EMS: II ARDALES. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.1km az=164.0.				
INMG	Event type ke. Error ellipse: s-maj=4.1km s-min=2.6km az=143.0.				
MDD	II 26 23 30 17.6-17 36.87N 4.94W 16-3 3.1				
IGIL	II 26 23 30 16.6 36.90N 4.90W 10 2.2L				
NEIC	II 26 23 30 17.4 36.90N 4.95W 10 3.2				
SFS	II 26 23 30 17.0 36.90N 4.95W 10 3.2L				
CSEM	II 26 23 30 17.5-06 36.98N 4.97W 5 3.6L				
INMG	II 26 23 30 17.7-1.6 36.88N 4.87W 11-6 3.2L				
MDD	Event type fe. Error ellipse: s-maj=2.7km s-min=1.8km az=167.0. EMS: III ARDALES. PRXIMO II-II CAETE LA REAL CUEVAS DEL BECERRO II TEB A EL BURGO.				
NEIC	Event type fe. Felt [III] at Cañete la Real and Cuevas del Becerro; [II] at Burgo and Malaga, Spain. After MDD.				
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.1km az=175.0.				
INMG					

MDD	Error ellipse: s-maj=2.5km s-min=2.2km az=13.0. PRXIMO.				
INMG	Event type ke. Error ellipse: s-maj=2.2km s-min=1.8km az=173.0.				
MDD	IV 05 01 03 51.6-1.1 36.81N 7.87W 41-29				
INMG	IV 05 01 03 51.7-1.1 36.81N 7.88W 31-0	1.5L	¶8228794		
MDD	Error ellipse: s-maj=11.4km s-min=6.6km az=33.0. PRXIMO.				
INMG	Event type ke. Error ellipse: s-maj=6.3km s-min=3.2km az=41.0.				
MDD	IV 06 12 10 02.8-17 36.91N 4.90W 10-0	3.3			
CSEM	IV 06 12 10 02.2-08 36.89N 4.96W 10 3.7L		¶8228872		
NEIC	IV 06 12 10 02.5 36.90N 4.93W 10 3.3				
SFS	IV 06 12 10 02.0 36.87N 4.94W 0 3.2L				
INMG	IV 06 12 10 02.8-1.5 36.87N 4.93W 18-4 3.3L,3.2				
LDG	IV 06 12 10 03.2-22 36.82N 4.90W 20-0 3.8L,3.2				
IGIL	IV 06 12 10 03.0 36.90N 4.90W 18 3.6L,3.2				
MDD	Event type fe. Error ellipse: s-maj=1.9km s-min=1.5km az=1.0. EMS: II-III ARDALES. PRXIMO II TEBA I EL BURGO CAETE LA REAL CARRATRACA I CUEVAS DEL BECERRO.				
CSEM	Event type ke. Error ellipse: s-maj=1.8km s-min=1.2km az=8.0.				
NEIC	Event type fe. Felt (III) at Ardales and (II) at Teba, Spain. After MDD.				
INMG	Event type ke. Error ellipse: s-maj=3.6km s-min=1.9km az=15.0.				
LDG	Event type ke. Error ellipse: s-maj=5.5km s-min=3.1km az=5.0.				
MDD	V 21 09 18 07.8-52 35.46N 4.81W 41-36 3.6b				
CSEM	V 21 09 18 06.6-12 35.42N 4.83W 35 3.6L		¶8358379		
IGIL	V 21 09 18 09.7 37.50N 4.80W 31 2.0L				
INMG	V 21 09 18 09.8-98 35.67N 4.82W 31-0 2.5L				
CNRM	V 21 09 18 12.5 35.20N 4.63W 30 3.1				
MDD	Error ellipse: s-maj=7.2km s-min=4.8km az=82.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=3.8km s-min=2.4km az=70.0.				
INMG	Event type ke. Error ellipse: s-maj=4.5km s-min=3.6km az=9.0.				
ISC	V 22 03 28 53.2-33 36.70N-02 4.46W-02 79-4	217	0-12		
ISCJB	V 22 03 28 51.9-31 36.68N-02 4.47W-02 88-3		¶8358411		
SFS	V 22 03 28 52.0 36.52N 4.43W 0 3.6L				
CSEM	V 22 03 28 52.0-07 36.60N 4.32W 78-1 3.9L				
NEIC	V 22 03 28 52.8 36.53N 4.40W 82 3.6				
MDD	V 22 03 28 53.3-38 36.57N 4.40W 78-3 3.7b				
LDG	V 22 03 28 54.5 36.62N 4.46W 30 3.7b				
IGIL	V 22 03 28 54.8 36.70N 4.50W 31 3.5L				
INMG	V 22 03 28 55.1-8.3 36.78N 4.43W 31-0 3.1,3.0L				
CNRM	V 22 03 28 55.4 36.42N 4.38W 10 3.4,3.0L				
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=3.7km s-min=2.5km az=158.8.				
CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=1.2km az=148.0.				
NEIC	Event type se. After MDD.				
MDD	Error ellipse: s-maj=4.0km s-min=2.6km az=158.0. PRXIMO.				
LDG	Event type ke.				
INMG	Event type ke. Error ellipse: s-maj=20.1km s-min=14.6km az=164.0.				
MDD	V 23 17 32 54.5-70 35.08N 3.97W 16-8 4.1b				
CSEM	V 23 17 32 52.3-27 35.06N 4.00W 13-2 3.0		¶8440439		
CNRM	V 23 17 32 54.2 35.10N 4.01W 10 3.0				
MDD	Error ellipse: s-maj=8.6km s-min=7.6km az=132.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=7.5km s-min=5.6km az=55.0.				
ISC	V 24 20 20 46.8-53 35.18N-02 3.96W-03 10-4	103	0-7		
CSEM	V 24 20 20 45.5-08 35.17N 3.93W 12 3.5		¶8440490		
INMG	V 24 20 20 46.7-1.0 35.15N 3.98W 0-0 2.3L				
ISCJB	V 24 20 20 46.9-86 35.19N-02 4.00W-02 15-6				
SFS	V 24 20 20 46.0 35.15N 3.94W 0 3.3L				
CNRM	V 24 20 20 47.1 35.17N 3.79W 3 3.5				
MDD	V 24 20 20 48.7-1.1 35.17N 3.89W 3-2 3.6b				
ISC	Event type ke.				
CSEM	Event type ke. Error ellipse: s-maj=2.3km s-min=1.5km az=100.0.				
INMG	Event type ke. Error ellipse: s-maj=4.3km s-min=2.5km az=8.0.				
ISCJB	Event type ke. Error ellipse: s-maj=3.4km s-min=3.1km az=29.8.				
MDD	Error ellipse: s-maj=3.9km s-min=2.8km az=104.0. PRXIMO.				
MDD	V 25 10 32 17.9-89 36.82N 6.92W 21-5 2.4				
INMG	V 25 10 32 17.9-1.1 36.82N 6.95W 17-4 2.0L		¶8440529		
MDD	Error ellipse: s-maj=9.9km s-min=4.1km az=22.0. PRXIMO.				
INMG	Event type ke. Error ellipse: s-maj=4.4km s-min=3.1km az=50.0.				
MDD	V 27 10 29 55.3-1.3 36.77N 7.83W 39-20 2.3				
INMG	V 27 10 29 55.5-96 36.75N 7.83W 31-0 2.0L		¶8440628		
MDD	Error ellipse: s-maj=12.7km s-min=7.3km az=26.0. PRXIMO.				
INMG	Event type ke. Error ellipse: s-maj=5.0km s-min=2.7km az=34.0.				
ISC	V 01 04 07 30.5-43 36.34N-02 3.53W-03 10-3	114	0-7		
ISCJB	V 01 04 07 29.3-34 36.36N-02 3.53W-03 10		¶8338276		
CSEM	V 01 04 07 30.6-11 36.32N 3.47W 2 3.4L				
NEIC	V 01 04 07 31.2 36.36N 3.48W 11 2.7				
SFS	V 01 04 07 31.0 36.35N 3.48W 0 2.7L				
MDD	V 01 04 07 31.2-42 36.36N 3.47W 11-0 2.7				
INMG	V 01 04 07 32.8-1.5 36.44N 3.50W 11-3 2.6L				
IGIL	V 01 04 07 34.2 36.60N 3.60W 2 2.8L				
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=3.7km s-min=3.1km az=56.0.				
CSEM	Event type ke. Error ellipse: s-maj=2.3km s-min=1.8km az=179.0.				
NEIC	Event type se. After MDD.				
MDD	Error ellipse: s-maj=3.7km s-min=3.0km az=74.0. PRXIMO.				
INMG	Event type ke. Error ellipse: s-maj=3.3km s-min=2.9km az=118.0.				
ISC	V 02 02 00 16.3-88 35.04N-07 3.90W-05 13-5	31	0-4		
ISCJB	V 02 02 00 15.9-1.0 35.02N-09 3.94W-06 14-6		¶8338311		
CSEM	V 02 02 00 15.9-13 35.06N 3.81W 8 2.5				
CNRM	V 02 02 00 16.2 34.93N 3.95W 4 2.5				
MDD	V 02 02 00 17.7-49 35.00N 3.85W 0 1.6				
NEIC	V 02 02 00 18.2 35.16N 3.88W 0 2.7				
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=16.4km s-min=5.5km az=39.9.				
CSEM	Event type ke. Error ellipse: s-maj=5.8km s-min=2.4km az=37.0.				
MDD	Error ellipse: s-maj=6.9km s-min=1.8km az=33.0. PRXIMO.				
NEIC	Event type se. After MDD.				
ISC	V 02 08 20 57.0-69 35.43N-03 3.92W-04 15-6	65	0-4		
NEIC	V 02 08 20 55.7 35.14N 3.87W 52 3.7		¶8338318		
ISCJB	V 02 08 20 56.8-54 35.42N-03 3.93W-04 20-7 3.7				
MDD	V 02 08 20 56.9-42 35.45N 3.94W 0 3.4b				
CSEM	V 02 08 20 56.4-12 35.40N 3.87W 20 3.1				
CNRM	V 02 08 20 57.5 35.18N 3.79W 6 3.1				
ISC	Event type ke.				
NEIC	Event type se. After MDD.				
ISCJB	Event type ke. Error ellipse: s-maj=5.1km s-min=4.9km az=113.1.				
MDD	Error ellipse: s-maj=6.0km s-min=3.3km az=65.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=3.6km s-min=2.4km az=83.0.				
ISC	V 05 16 02 05.4-65 36.55N-03 7.60W-03 61-13	133	1-9		
CSEM	V 05 16 02 01.5-12 36.25N 7.68W 40 4.0L		¶8338471		
SFS	V 05 16 02 04.0 36.46N 7.65W 0 3.1L				
CNRM	V 05 16 02 04.8 36.23N 7.64W 30 3.3				
MDD	V 05 16 02 04.4-99 36.40N 7.73W 32-24 2.9				
NEIC	V 05 16 02 04.5 36.46N 7.65W 20 3.1				
INMG	V 05 16 02 05.4-1.1 36.40N 7.74W 31-0 3.0,2.8L				
IGIL	V 05 16 02 05.0 36.50N 7.80W 19 2.8L,2.8L				
ISCJB	V 05 16 02 05.1-72 36.63N-04 7.55W-04 83-8 2.8L,2.8L				
ISC	Event type ke.				
CSEM	Event type ke. Error ellipse: s-maj=8.3km s-min=3.6km az=47.1.				
INMG	Event type ke. Error ellipse: s-maj=2.2km s-min=2.1km az=44.0.				
MDD	Error ellipse: s-maj=9.5km s-min=5.0km az=28.0. PRXIMO.				
NEIC	Event type se. After MDD.				
INMG	Event type ke. Error ellipse: s-maj=5.4km s-min=3.6km az=126.0.				
ISCJB	V 10 10 57 39.8-42 36.40N-02 7.51W-02 10 3.8b	404	1-25		
IDC	V 10 10 57 34.4-3.1 36.17N 7.87W 0 4.8L,4.1		¶8029981		
ISCJB	V 10 10 57 36.4-37 36.29N-02 7.58W-02 10 3.8b,4.1				
MDD	V 10 10 57 40.1-50 36.15N 7.71W 46-23 5.1b,4.1				
NEIC	V 10 10 57 40.4 36.34N 7.50W 2 4.5L,4.0				
INMG	V 10 10 57 41.1-1.0 36.16N 7.67W 31-0 3.8L,4.0				
CSEM	V 10 10 57 41.7-24 36.26N 7.58W 30 4.3L,4.0				
LDG	V 10 10 57 41.2-17 36.23N 7.63W 20-0 4.5L,4.0				
IGIL	V 10 10 57 42.1 36.40N 7.80W 0 3.8L,4.0				
SFS	V 10 10 57 43.1 36.30N 7.50W 29 3.7L,4.0				
CNRM	V 10 10 57 44.0 35.72N 7.52W 30 3.7L,4.0				
STR	V 10 10 57 56.0-28 37.18N 6.65W 10-1 4.0L,4.0				
ISC	Event type fe.				

INMG	Event type ke. Error ellipse: s-maj=5.6km s-min=3.8km az=18.0.				
MDD	Error ellipse: s-maj=4.9km s-min=3.4km az=111.0. PRXIMO.				
MDD	V 11 07 07 00.5-53 35.33N 4.92W 72-11 3.5b				
CSEM	V 11 07 06 58.4-07 35.35N 5.06W 30 3.3				¶8338795
CNRM	V 11 07 07 01.9 35.18N 4.90W 19 3.3				
NEIC	V 11 07 07 02.5 35.46N 5.01W 33 2.6				
INMG	V 11 07 07 03.3-91 35.52N 5.09W 30-16 2.7L				
IGIL	V 11 07 07 04.1 35.60N 5.10W 31 2.7L				
MDD	Error ellipse: s-maj=5.0km s-min=3.7km az=89.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=2.8km s-min=1.4km az=92.0.				
NEIC	Event type se. After MDD.				
INMG	Event type ke. Error ellipse: s-maj=10.0km s-min=3.8km az=172.0.				
ISC	I 09 09 30 11.3-60 35.10N-02 4.01W-04 11-4	93	0-5		
ISCJB	I 09 09 30 10.9-65 35.11N-02 4.04W-03 13-4		¶8035739		
CSEM	I 09 09 30 10.2-12 35.08N 3.96W 15 3.2				
MDD	I 09 09 30 11.6-40 35.11N 3.98W 0 3.4b				
CNRM	I 09 09 30 12.0 35.10N 3.93W 8 3.2				
NEIC	I 09 09 30 14.9-5.8 35.33N 3.97W 15 3.4				
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=4.3km s-min=3.8km az=25.9.				
CSEM	Event type ke. Error ellipse: s-maj=2.5km s-min=2.5km az=85.0.				
MDD	Error ellipse: s-maj=4.6km s-min=3.2km az=57.0. PRXIMO.				
NEIC	Event type se. Error ellipse: s-maj=69.3km s-min=13.5km az=170.0.				
ISC	I 10 21 38 01.4-88 35.04N-03 4.08W-06 11-6	37	0-4		
CSEM	I 10 21 38 00.8-09 34.98N 4.01W 15 2.9		¶8035789		
ISCJB	I 10 21 38 01.0-77 35.05N-03 4.10W-04 12-4 2.9				
MDD	I 10 21 38 01.8-67 35.00N 4.09W 0 3.1b				
CNRM	I 10 21 38 02.0 35.10N 0.30W 17 2.9				
ISC	Event type ke.				
CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=2.3km az=79.0.				
ISCJB	Event type ke. Error ellipse: s-maj=6.1km s-min=5.6km az=126.0.				
MDD	Error ellipse: s-maj=7.8km s-min=4.4km az=25.0. PRXIMO.				
ISC	I 15 17 38 54.7-51 35.09N-02 3.98W-03 12-4	112	0-7		
ISCJB	I 15 17 38 53.9-57 35.10N-02 4.01W-03 11-4		¶8035976		
CSEM	I 15 17 38 53.1-09 35.09N 3.97W 12 3.5				
CNRM	I 15 17 38 54.0 35.09N 3.95W 2 3.5				
MDD	I 15 17 38 54.6-30 35.09N 3.99W 0 3.9b				
SFS	I 15 17 38 55.0 35.13N 3.98W 0 2.4L				
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=3.6km s-min=2.7km az=48.3.				
CSEM	Event type ke. Error ellipse: s-maj=2.4km s-min=1.8km az=101.0.				
MDD	Error ellipse: s-maj=3.2km s-min=2.9km az=59.0. PRXIMO.				
ISC	I 19 01 00 11.3-67 36.92N-04 7.53W-03 57-9	118	1-7		
IGIL	I 19 01 00 08.9 36.80N 7.60W 2 2.7L		¶8078851		
ISCJB	I 19 01 00 10.5-69 36.96N-04 7.49W-04 72-6 2.7L				
NEIC	I 19 01 00 10.9 36.80N 7.58W 28 2.6				
CSEM	I 19 01 00 10.4-15 36.86N 7.53W 35 2.6L				
INMG	I 19 01 00 10.7-1.3 36.80N 7.61W 22-3 2.6L				
MDD	I 19 01 00 11.0-81 36.80N 7.59W 31-16 2.6				
ISC	Event type ke.				
ISCJB	Event type ke. Error ellipse: s-maj=7.1km s-min=3.4km az=64.5.				
NEIC	Event type se. After MDD.				
CSEM	Event type ke. Error ellipse: s-maj=3.3km s-min=1.7km az=26.0.				

ISCJB V 25 21 48 41.7-1.1 41.61N-06 19.52E-06 18-6
 PDG V 25 21 48 42.4-18 41.74N 19.61E 18-0
 NEIC V 25 21 48 42.4 41.74N 19.61E 18 2.5
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=10.0km s-min=6.5km az=48.0.
 PDG Error ellipse: s-maj=1.0km s-min=0.7km az=1.0.
 NEIC Event type se. After PDG.
 ISC V 30 16 15 46.7-96 41.07N-04 20.83E-06 7-5 38 0-2
 SKO V 30 16 15 43.9 41.39N 20.81E 15 2.7L,2.2 19810281
 ISCJB V 30 16 15 46.7-71 41.09N-03 20.88E-05 5-6 2.7L,2.2
 CSEM V 30 16 15 46.6-13 41.13N 20.88E 5 2.7L,2.2
 THE V 30 16 15 46.7 41.15N 20.89E 1 2.7L,2.2
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=6.0km s-min=5.2km az=125.1.
 CSEM Event type ke. Error ellipse: s-maj=2.5km s-min=2.1km az=178.0.
 ISC V 03 20 30 03.1-44 40.11N-03 19.83E-03 5-5 39 0-6
 ATH V 03 20 29 59.4 40.19N 19.69E 18-3 3.4 19078087
 THE V 03 20 30 01.3 39.95N 19.53E 10 3.2L
 CSEM V 03 20 30 01.9-15 39.95N 20.07E 35 3.1
 ISCJB V 03 20 30 02.4-47 40.09N-03 19.81E-03 4-4 3.1
 ROM V 03 20 30 02.6-18 40.01N 19.90E 10-0 3.1,2.7L
 ISC Event type ke.
 ATH Error ellipse: s-maj=3.9km s-min=2.4km az=1.0.
 CSEM Event type ke. Error ellipse: s-maj=3.9km s-min=2.9km az=140.0.
 ISCJB Event type ke. Error ellipse: s-maj=4.6km s-min=3.6km az=63.2.
 ROM Event type ke. Error ellipse: s-maj=2.5km s-min=2.1km az=110.0.
 ISC IV 05 06 17 12.9-85 41.01N-05 19.88E-05 10 46 0-3
 ISCJB IV 05 06 17 12.6-85 41.04N-05 19.91E-05 10 19077307
 CSEM IV 05 06 17 12.3-44 41.02N 19.85E 5 3.0L
 NEIC IV 05 06 17 12.8 40.99N 19.87E 2 3.0L,3.0L
 THE IV 05 06 17 12.8 40.99N 19.87E 1 3.0L,3.0L
 PDG IV 05 06 17 14.4-29 41.14N 19.79E 4-0 3.0L,3.0L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=8.8km s-min=2.8km az=74.2.
 CSEM Event type ke. Error ellipse: s-maj=9.7km s-min=3.1km az=36.0.
 NEIC Event type se. After THE.
 PDG Error ellipse: s-maj=1.4km s-min=1.6km az=1.0.

(392) Greece-Albania border region.

ISC IV 14 00 40 15.6-1.1 39.40N-07 20.81E-06 17-4 34 0-4
 ISCJB IV 14 00 40 16.3-1.1 39.46N-07 20.78E-05 25-5 10697744
 ATH IV 14 00 40 17.9 39.84N 20.69E 5 3.8
 PDG IV 14 00 40 17.9-22 39.59N 20.05E 10-1 3.8
 NEIC IV 14 00 40 18.0 39.84N 20.69E 5 3.8
 SKO IV 14 00 40 18.4 39.79N 20.82E 0 3.8
 CSEM IV 14 00 40 18.0 39.84N 20.69E 5 3.8
 TIR IV 14 00 40 25.1 39.99N 19.79E 18 3.8
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=11.7km s-min=7.0km az=179.6.
 ATH Error ellipse: s-maj=2.4km s-min=1.0km az=1.0.
 PDG Error ellipse: s-maj=49.8km s-min=10.2km az=1.0.
 NEIC Event type se. After ATH.
 CSEM After ATH.
 ISC IV 23 17 58 40.3-86 39.19N-05 20.67E-06 15-10 13 0-2
 ISCJB IV 23 17 58 39.7-84 39.18N-05 20.67E-06 3-12 19597801
 ATH IV 23 17 58 39.9 39.27N 20.71E 36-19 2.7
 THE IV 23 17 58 39.9 39.18N 20.63E 10 2.7
 CSEM IV 23 17 58 40.7-20 39.20N 20.69E 2-1 2.7
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=9.3km s-min=5.6km az=76.8.
 ATH Error ellipse: s-maj=6.0km s-min=4.3km az=1.0.
 CSEM Event type ke. Error ellipse: s-maj=6.0km s-min=3.2km az=32.0.
 ISC IV 13 01 59 02.5-57 39.48N-03 21.00E-04 8-6 33 0-2
 ISCJB IV 13 01 59 01.9-58 39.49N-03 21.02E-04 3-6 19787678
 NEIC IV 13 01 59 02.4 39.50N 21.02E 4 3.3
 CSEM IV 13 01 59 02.8-11 39.53N 21.02E 10 3.3
 ATH IV 13 01 59 02.4 39.50N 21.02E 4 3.3
 THE IV 13 01 59 03.0 39.47N 21.02E 1 2.9L
 SKO IV 13 01 59 08.4 39.91N 21.34E 0 2.9L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=6.2km s-min=4.3km az=61.0.
 NEIC Event type se. After ATH.
 CSEM Event type ke. Error ellipse: s-maj=2.7km s-min=1.9km az=33.0.
 ATH Error ellipse: s-maj=1.0km s-min=0.9km az=1.0.
 ISC IV 14 16 47 18.0-32 39.68N-02 20.76E-02 10 3.5b 79 0-31
 SKO IV 14 16 47 18.3 39.83N 20.31E 0 3.1L,2.4 10697768
 ATH IV 14 16 47 19.0 39.84N 20.73E 8-2 3.6,2.4
 THE IV 14 16 47 19.5 39.82N 20.69E 10 3.4L,2.4
 IDC IV 14 16 47 19.4-1.6 39.79N 20.46E 0 3.7,3.6b
 NEIC IV 14 16 47 19.0 39.84N 20.73E 8 3.6,3.2
 ISCJB IV 14 16 47 19.8-33 39.69N-02 20.76E-02 10 3.5b,3.2
 PDG IV 14 16 47 21.0-34 39.76N 20.82E 13-1 3.5b,3.2
 CSEM IV 14 16 47 22.9-23 39.70N 20.96E 10 3.6,3.2
 ISC Event type ke.
 ATH Error ellipse: s-maj=0.9km s-min=0.8km az=1.0.
 IDC Error ellipse: s-maj=29.6km s-min=19.4km az=122.0.
 NEIC Event type se. After ATH.
 ISCJB Event type ke. Error ellipse: s-maj=3.1km s-min=2.5km az=52.1.
 PDG Error ellipse: s-maj=1.6km s-min=1.4km az=1.0.
 CSEM Event type ke. Error ellipse: s-maj=6.0km s-min=4.3km az=50.0.
 ISC IV 15 11 28 32.3-44 39.83N-03 20.76E-04 8-6 33 0-3
 ISCJB IV 15 11 28 31.7-50 39.85N-03 20.78E-03 0-6 19594960
 CSEM IV 15 11 28 32.1-22 39.82N 20.67E 15 2.7L
 THE IV 15 11 28 32.8 39.86N 20.73E 4 2.7L
 NEIC IV 15 11 28 32.7 39.79N 20.80E 13 3.3
 ATH IV 15 11 28 32.7 39.79N 20.80E 13-5 3.3
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=4.6km s-min=4.2km az=57.1.
 CSEM Event type ke. Error ellipse: s-maj=4.8km s-min=3.9km az=105.0.
 NEIC Event type se. After ATH.
 ATH Error ellipse: s-maj=5.2km s-min=11.6km az=1.0.
 ISC IV 16 09 18 24.2-42 39.37N-02 20.49E-02 13-2 4.4b,3.8s 336 0-122
 LDG IV 16 09 18 19.4-22 39.29N 20.50E 10-0 4.6b,3.1s 10697796
 IDC IV 16 09 18 22.1-62 39.50N 20.63E 0 4.2b,2.4
 MOS IV 16 09 18 22.7-1.2 39.39N 20.39E 18 4.3b,4.2
 BJI IV 16 09 18 23.2 39.89N 20.88E 5 5.0b,4.8b
 CSEM IV 16 09 18 23.7-05 39.44N 20.23E 19 4.4b,3.1s
 PDG IV 16 09 18 23.6-56 39.40N 20.58E 6-3 4.4b,3.1s
 ISCJB IV 16 09 18 24.3-38 39.42N-02 20.43E-02 29-3 4.4b,3.8s
 THE IV 16 09 18 24.9 39.41N 20.57E 10 4.3L,3.8s
 ATH IV 16 09 18 24.1 39.47N 20.67E 4-3 4.4L,4.1
 NEIC IV 16 09 18 24.1 39.47N 20.67E 4 4.4L,4.0b
 ISC Event type ke.
 LDG Event type ke. Error ellipse: s-maj=11.8km s-min=3.1km az=14.0.
 IDC Error ellipse: s-maj=12.8km s-min=12.2km az=49.0.
 MOS Error ellipse: s-maj=4.9km s-min=3.0km az=106.9.
 CSEM Event type ke. Error ellipse: s-maj=1.8km s-min=1.0km az=22.0.
 PDG Error ellipse: s-maj=1.9km s-min=1.0km az=1.0.
 ISCJB Event type ke. Error ellipse: s-maj=3.5km s-min=2.4km az=50.7.
 ATH Error ellipse: s-maj=2.0km s-min=4.5km az=1.0.
 NEIC Event type se. After ATH.
 ISC IV 21 03 18 07.5-53 39.51N-03 20.35E-05 10 21 0-2
 ATH IV 21 03 18 05.2 39.73N 20.43E 46-3 2.8 19597606
 NEIC IV 21 03 18 05.2 39.73N 20.43E 46 2.8
 ISCJB IV 21 03 18 07.1-54 39.50N-03 20.35E-05 10 2.8
 CSEM IV 21 03 18 07.2-07 39.49N 20.30E 0-0 2.8
 THE IV 21 03 18 07.7 39.47N 20.29E 10 2.8
 ISC Event type ke.
 ATH Error ellipse: s-maj=2.1km s-min=1.2km az=1.0.
 NEIC Event type se. After ATH.
 ISCJB Event type ke. Error ellipse: s-maj=5.6km s-min=4.1km az=149.3.

CSEM Event type ke. Error ellipse: s-maj=2.1km s-min=1.2km az=64.0.
 ISC IV 22 09 15 15.7-43 39.80N-03 20.76E-03 12-5 31 0-2
 ATH IV 22 09 15 14.4 39.79N 20.78E 24-3 3.0 19597713
 ISCJB IV 22 09 15 15.1-45 39.80N-02 20.79E-03 1-7 3.0
 CSEM IV 22 09 15 15.6-15 39.84N 20.75E 0-2 3.0
 THE IV 22 09 15 15.8 39.81N 20.75E 1 2.6L
 ISC Event type ke.
 ATH Error ellipse: s-maj=2.6km s-min=1.3km az=1.0.
 ISCJB Event type ke. Error ellipse: s-maj=4.2km s-min=4.0km az=104.2.
 CSEM Event type ke. Error ellipse: s-maj=3.2km s-min=2.4km az=161.0.
 ISC IV 25 01 07 00.2-59 39.55N-04 20.51E-05 3-8 19 0-3
 ISCJB IV 25 01 06 59.7-54 39.55N-04 20.48E-04 10 3.8 19597936
 ATH IV 25 01 06 59.9 39.55N 20.49E 10 3.0
 CSEM IV 25 01 07 00.4-13 39.51N 20.49E 2 3.0L
 THE IV 25 01 07 00.3 39.55N 20.49E 10 3.0L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=5.3km s-min=4.5km az=118.7.
 CSEM Event type ke. Error ellipse: s-maj=3.2km s-min=2.6km az=177.0.
 ISC IV 28 20 17 30.5-52 39.25N-03 20.91E-04 10 29 0-3
 ISCJB IV 28 20 17 30.1-52 39.27N-03 20.93E-04 10 19598163
 THE IV 28 20 17 30.8 39.22N 20.92E 1 2.6L
 ATH IV 28 20 17 30.3 39.26N 20.93E 10-6 3.3
 CSEM IV 28 20 17 31.9-44 39.32N 20.86E 10 2.6L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=5.0km s-min=3.3km az=79.9.
 ATH Error ellipse: s-maj=1.7km s-min=2.0km az=1.0.
 CSEM Event type ke. Error ellipse: s-maj=9.6km s-min=4.9km az=18.0.
 ISC IV 30 07 29 24.4-48 40.68N-02 20.30E-04 1-5 43 0-3
 ATH IV 30 07 29 22.5 40.75N 20.21E 5 3.2 19598250
 TIR IV 30 07 29 22.4 40.60N 20.32E 29 3.2
 SKO IV 30 07 29 23.7 40.67N 20.21E 0 3.2
 CSEM IV 30 07 29 24.4-12 40.69N 20.30E 7-1 3.2L
 THE IV 30 07 29 24.7 40.70N 20.32E 10 3.2L
 ISCJB IV 30 07 29 24.2-40 40.69N-02 20.30E-03 10 3.2L
 ISC Event type ke.
 CSEM Event type ke.
 ISCJB Event type ke.
 ISC III 28 20 22 32.5-91 39.59N-05 20.13E-04 5-7 24 0-3
 ATH III 28 20 22 31.5 39.66N 20.10E 26-2 3.3 110612506
 NEIC III 28 20 22 31.5 39.66N 20.10E 26 3.3
 ISCJB III 28 20 22 32.6-68 39.62N-04 20.13E-04 8 3.3
 CSEM III 28 20 22 32.5-20 39.61N 20.13E 8 3.3
 THE III 28 20 22 34.6 39.70N 19.93E 19 3.3L
 ISC Event type ke.
 ATH Error ellipse: s-maj=3.9km s-min=1.7km az=1.0.
 NEIC Event type se. After ATH.
 ISCJB Event type ke. Error ellipse: s-maj=5.5km s-min=4.3km az=19.7.
 CSEM Event type ke. Error ellipse: s-maj=4.5km s-min=3.7km az=4.0.
 ISC III 16 03 48 56.5-51 39.42N-03 20.64E-04 2 31 0-3
 THE III 16 03 48 55.9 39.28N 20.55E 4 3.1L 110604577
 ISCJB III 16 03 48 55.7-58 39.37N-04 20.63E-05 2 3.1L
 SKO III 16 03 48 56.4 39.32N 20.53E 7 3.1L
 NEIC III 16 03 48 56.3 39.49N 20.65E 18 3.4
 CSEM III 16 03 48 56.5-11 39.46N 20.65E 2 3.4
 ATH III 16 03 48 56.3 39.49N 20.65E 18-2 3.4
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=5.9km s-min=4.6km az=74.8.
 NEIC Event type se. After ATH.
 CSEM Event type ke. Error ellipse: s-maj=2.7km s-min=2.4km az=26.0.
 ATH Error ellipse: s-maj=1.4km s-min=1.4km az=1.0.
 ISC III 18 17 25 16.4-53 39.59N-04 20.65E-04 14-4 31 0-3
 ATH III 18 17 25 15.6 39.60N 20.60E 25-1 3.2 110606089
 ISCJB III 18 17 25 16.0-48 39.62N-04 20.65E-03 15 3.2
 SKO III 18 17 25 16.6 39.56N 20.64E 11 3.2
 NEIC III 18 17 25 16.5 39.62N 20.67E 0 3.2
 CSEM III 18 17 25 16.3-09 39.61N 20.62E 15 3.2
 THE III 18 17 25 16.5 39.62N 20.67E 10 3.0L
 ISC Event type ke.
 ATH Error ellipse: s-maj=2.0km s-min=1.0km az=1.0.
 ISCJB Event type ke. Error ellipse: s-maj=5.1km s-min=3.6km az=4.2.
 NEIC Event type se. After THE.
 CSEM Event type ke. Error ellipse: s-maj=2.2km s-min=1.8km az=6.0.
 ISC III 03 20 30 14.3-74 39.38N-03 20.43E-04 1-6 26 0-3
 ISCJB III 03 20 30 14.6-55 39.42N-03 20.44E-04 10 10596785
 CSEM III 03 20 30 14.5-31 39.40N 20.38E 1-2 2.9L
 ATH III 03 20 30 14.0 39.46N 20.41E 24-9 3.3
 NEIC III 03 20 30 15.2 39.40N 20.47E 0 3.3
 THE III 03 20 30 15.2 39.40N 20.47E 10 2.9L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=4.6km s-min=3.9km az=82.9.
 CSEM Event type ke. Error ellipse: s-maj=5.5km s-min=3.8km az=34.0.
 ATH Error ellipse: s-maj=7.2km s-min=1.7km az=1.0.
 NEIC Event type se. After THE.
 ISC III 05 07 06 44.7-49 40.10N-03 20.99E-05 23-10 22 0-1
 ATH III 05 07 06 43.0 40.13N 20.94E 26-6 3.2 110597697
 ISCJB III 05 07 06 44.6-47 40.09N-03 21.01E-05 24-7 3.2
 CSEM III 05 07 06 44.0-20 40.12N 20.95E 20 2.7L
 NEIC III 05 07 06 44.4 40.13N 20.96E 2 3.2,3.1L
 THE III 05 07 06 44.4 40.13N 20.96E 2 2.7L,3.1L
 ISC Event type ke.
 ATH Error ellipse: s-maj=5.9km s-min=5.0km az=1.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.2km s-min=4.6km az=60.7.
 CSEM Event type ke. Error ellipse: s-maj=5.7km s-min=3.8km az=124.0.
 NEIC Event type se. After THE.
 ISC III 01 20 22 15.6-44 40.44N-02 20.02E-02 1-3 3.2b 144 0-71
 IDC III 01 20 22 13.6-3.1 40.52N 20.21E 0 3.4,3.3L 110595364
 ISCJB III 01 20 22 14.9-41 40.44N-02 20.01E-02 1-3 3.2b,3.3L
 ATH III 01 20 22 15.0 40.50N 19.90E 29-5 3.7,3.3L
 CSEM III 01 20 22 15.1-06 40.49N 20.05E 2 3.7,3.3L
 TIR III 01 20 22 15.3 40.44N 20.11E 12 3.7,3.3L
 PDG III 01 20 22 16.1-35 40.47N 20.05E 11-1 3.7,3.3L
 SKO III 01 20 22 16.8 40.38N 20.14E 5 3.0L,2.4
 NEIC III 01 20 22 17.3 40.45N 20.13E 0 3.7,3.4L
 THE III 01 20 22 17.3 40.45N 20.13E 10 3.3L,3.4L
 ISC Event type ke.
 IDC Error ellipse: s-maj=67.9km s-min=20.8km az=43.0.
 ISCJB Event type ke. Error ellipse: s-maj=2.9km s-min=2.3km az=84.4.
 ATH Error ellipse: s-maj=3.1km s-min=5.9km az=1.0.
 CSEM Event type ke. Error ellipse: s-maj=1.6km s-min=1.4km az=54.0.
 PDG Error ellipse: s-maj=0.9km s-min=0.8km az=1.0.
 NEIC Event type se. After THE.
 ISC III 24 02 03 19.6-1.2 39.31N-05 20.62E-06 1-7 18 0-2
 ISCJB III 24 02 03 20.4-85 39.35N-04 20.66E-05 10 110609391
 SKO III 24 02 03 21.0 39.15N 20.70E 22
 ATH III 24 02 03 21.5 39.61N 20.85E 33-8 3.1
 THE III 24 02 03 22.6 39.35N 20.79E 3 3.1
 CSEM III 24 02 03 23.1-21 39.47N 20.79E 10 3.1
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=7.2km s-min=4.7km az=86.4.
 ATH Error ellipse: s-maj=17.5km s-min=9.6km az=1.0.
 CSEM Event type ke. Error ellipse: s-maj=5.0km s-min=3.9km az=23.0.
 ISC III 21 19 41 05.6-81 39.93N-04 20.00E-06 10 20 0-2
 NEIC III 21 19 41 02.0 40.10N 19.95E 5 3.2 110608013
 ISCJB III 21 19 41 04.8-79 39.94N-04 19.95E-06 10 3.2
 CSEM III 21 19 41 04.9-54 40.00N 19.92E 2 3.2
 THE III 21 19 41 04.2 39.88N 19.83E 10 3.2
 ATH III 21 19 41 04.7 39.89N 20.06E 3 3.2
 ISC Event type ke.
 NEIC Event type se. After ATH.
 ISCJB Event type ke. Error ellipse: s-maj=7.5km s-min=4.5km az=68.7.
 CSEM Event type ke. Error ellipse: s-maj=15.3km s-min=8.2km az=109.0.

CSEM	IV	09 01 05 23.7-14	39.53N	20.82E	5	2.7L			
THE	IV	09 01 05 23.1	39.39N	20.79E	8	2.7L			
NEIC	IV	09 01 05 23.1	39.39N	20.79E	8	3.1			
ATH		Error ellipse: s-maj=0.7km s-min=0.9km az=-1.0.							
CSEM		Event type ke. Error ellipse: s-maj=2.9km s-min=2.4km az=133.0.							
NEIC		Event type se. After THE.							
ISC	II	03 01 07 18.3-72	39.23N-04	20.56E-05	7-6		22	0-3	
ISCJB	II	03 01 07 17.8-77	39.24N-03	20.54E-05	7-6		19489101		
CSEM	II	03 01 07 18.5-14	39.22N	20.58E	0-0	3.2			
NEIC	II	03 01 07 18.4	39.26N	20.61E	24	3.2			
ATH	II	03 01 07 18.4	39.26N	20.61E	24-2	3.2			
THE	II	03 01 07 18.3	39.22N	20.55E	10	3.2			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=6.8km s-min=5.1km az=104.6.							
CSEM		Event type ke. Error ellipse: s-maj=3.5km s-min=2.5km az=68.0.							
NEIC		Event type se. After ATH.							
ATH		Error ellipse: s-maj=1.4km s-min=1.3km az=-1.0.							
ISC	II	05 17 21 15.0-71	39.14N-04	20.55E-05	10		17	0-2	
NEIC	II	05 17 21 13.0	39.20N	20.72E	44	3.0	19490210		
ATH	II	05 17 21 13.6	39.20N	20.72E	44-1	3.0			
ISCJB	II	05 17 21 14.6-70	39.14N-04	20.58E-05	10	3.0			
CSEM	II	05 17 21 14.4-22	39.10N	20.42E	12	3.0			
THE	II	05 17 21 14.7	39.15N	20.51E	5	3.0			
ISC		Event type ke.							
NEIC		Event type se. After ATH.							
ATH		Error ellipse: s-maj=0.8km s-min=0.8km az=-1.0.							
ISCJB		Event type ke. Error ellipse: s-maj=6.5km s-min=4.6km az=109.5.							
CSEM		Event type ke. Error ellipse: s-maj=4.5km s-min=3.2km az=23.0.							
ISC	II	10 04 56 30.2-49	39.45N-02	20.69E-04	15-4		44	0-4	
ISCJB	II	10 04 56 29.3-56	39.44N-02	20.73E-04	5-5		18085371		
NEIC	II	10 04 56 29.0	39.44N	20.71E	27	3.3L,2.9L			
ATH	II	10 04 56 29.4	39.44N	20.71E	27-1	3.3,2.9L			
CSEM	II	10 04 56 30.1-16	39.44N	20.70E	10	3.3,2.9L			
THE	II	10 04 56 31.0	39.46N	20.77E	10	3.0L,2.9L			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=4.9km s-min=4.1km az=168.9.							
NEIC		Event type se. After ATH.							
ATH		Error ellipse: s-maj=1.3km s-min=1.0km az=-1.0.							
CSEM		Event type ke. Error ellipse: s-maj=3.3km s-min=3.2km az=94.0.							
ISC	II	11 13 37 14.7-72	39.05N-03	20.31E-06	10		28	0-3	
THE	II	11 13 37 13.3	39.06N	20.20E	10	3.2L	19492092		
ISCJB	II	11 13 37 14.2-76	39.08N-03	20.29E-06	10	3.2L			
CSEM	II	11 13 37 14.6-24	39.06N	20.35E	2	3.2L			
ATH	II	11 13 37 14.1	39.05N	20.37E	5-3	3.4			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=7.5km s-min=3.5km az=142.2.							
CSEM		Event type ke. Error ellipse: s-maj=5.2km s-min=3.3km az=60.0.							
ATH		Error ellipse: s-maj=0.7km s-min=0.7km az=-1.0.							
ISC	II	11 21 04 07.5-42	39.81N-03	20.69E-04	15-4		29	0-3	
ISCJB	II	11 21 04 06.8-43	39.81N-03	20.70E-04	11-5		19492193		
ATH	II	11 21 04 06.9	39.84N	20.65E	15-0	3.1			
CSEM	II	11 21 04 07.4-08	39.84N	20.65E	2	3.1			
THE	II	11 21 04 07.9	39.80N	20.70E	7	2.8L			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=4.8km s-min=4.3km az=76.3.							
ATH		Error ellipse: s-maj=0.5km s-min=0.4km az=-1.0.							
CSEM		Event type ke.							
ISC	II	17 01 43 31.2-58	40.05N-04	20.44E-07	28-8		24	0-2	
ATH	II	17 01 43 27.5	40.31N	20.55E	22	3.1	19493824		
THE	II	17 01 43 30.0	40.16N	20.35E	6	3.1			
CSEM	II	17 01 43 30.4-11	40.12N	20.36E	25	3.1			
ISCJB	II	17 01 43 31.0-56	40.06N-05	20.44E-07	27-7	3.1			
SKO	II	17 01 43 31.3	40.05N	20.52E	18	3.1			
ISC		Event type ke.							
CSEM		Event type ke. Error ellipse: s-maj=3.3km s-min=1.7km az=117.0.							
ISCJB		Event type ke. Error ellipse: s-maj=10.3km s-min=6.2km az=71.1.							
ISC	II	24 05 50 12.5-45	39.94N-02	20.60E-04	19-4		29	0-2	
ATH	II	24 05 50 11.6	40.00N	20.62E	25-1	3.1	19496711		
ISCJB	II	24 05 50 12.7-46	39.91N-03	20.58E-04	24-6	3.1			
NEIC	II	24 05 50 12.4	39.96N	20.57E	9	3.1			
CSEM	II	24 05 50 12.4-10	39.98N	20.59E	5	3.1			
THE	II	24 05 50 12.4	39.96N	20.57E	9	2.9L			
SKO	II	24 05 50 13.2	39.89N	20.71E	6	2.5L,2.2			
ISC		Event type ke.							
ATH		Error ellipse: s-maj=1.7km s-min=0.9km az=-1.0.							
ISCJB		Event type ke. Error ellipse: s-maj=5.4km s-min=4.7km az=62.8.							
NEIC		Event type se. After THE.							
CSEM		Event type ke. Error ellipse: s-maj=2.2km s-min=2.0km az=84.0.							
ISC	II	26 17 01 51.2-28	40.66N-02	20.37E-02	10		99	0-3	
ATH	II	26 17 01 45.7	40.86N	20.12E	5	3.3	18113957		
TIR	II	26 17 01 49.2	40.67N	20.28E	8	3.3			
ISCJB	II	26 17 01 50.5-28	40.67N-02	20.36E-03	10	3.3			
THE	II	26 17 01 50.4	40.69N	20.35E	10	3.0L			
SKO	II	26 17 01 50.8	40.66N	20.30E	9	2.6L,2.1			
PDG	II	26 17 01 50.5-25	40.69N	20.32E	11-0	2.6L,2.1			
CSEM	II	26 17 01 50.5-12	40.74N	20.34E	2	2.6L,2.1			
NEIC	II	26 17 01 50.4	40.69N	20.35E	0	3.3,2.9			
ISC		Event type ke.							
ATH		Error ellipse: s-maj=5.9km s-min=13.5km az=-1.0.							
ISCJB		Event type ke. Error ellipse: s-maj=2.9km s-min=2.1km az=130.4.							
PDG		Error ellipse: s-maj=0.6km s-min=0.7km az=-1.0.							
CSEM		Event type ke. Error ellipse: s-maj=2.6km s-min=1.6km az=49.0.							
NEIC		Event type se. After THE.							
ISC	II	28 22 26 20.2-48	39.82N-03	20.67E-03	10		26	0-2	
ATH	II	28 22 26 16.8	39.73N	20.83E	46	2.9	19497991		
ISCJB	II	28 22 26 19.8-48	39.82N-03	20.68E-03	10	2.9			
CSEM	II	28 22 26 20.0-12	39.82N	20.64E	2	2.4L			
THE	II	28 22 26 20.8	39.80N	20.66E	7	2.4L			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=4.7km s-min=3.4km az=136.3.							
CSEM		Event type ke. Error ellipse: s-maj=3.5km s-min=2.2km az=168.0.							
ISC	V	14 19 39 47.0-53	39.35N-03	20.98E-04	8-5		30	0-2	
ISCJB	V	14 19 39 46.3-56	39.35N-03	20.99E-04	3-5		19131439		
NEIC	V	14 19 39 46.9	39.34N	21.00E	17	3.2			
THE	V	14 19 39 46.7	39.38N	20.97E	10	2.1L			
ATH	V	14 19 39 46.9	39.33N	21.00E	16-5	3.2			
CSEM	V	14 19 39 46.7-08	39.36N	20.96E	10	3.2			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=4.7km s-min=4.2km az=148.3.							
NEIC		Event type se. After ATH.							
ATH		Error ellipse: s-maj=0.7km s-min=0.8km az=-1.0.							
CSEM		Event type ke. Error ellipse: s-maj=1.9km s-min=1.7km az=27.0.							
ISC	V	01 03 09 17.0-75	39.77N-04	20.71E-05	17-7		13	0-1	
ISCJB	V	01 03 09 17.0-57	39.79N-03	20.71E-05	7		19800566		
ATH	V	01 03 09 16.9	39.77N	20.62E	5	3.0			
THE	V	01 03 09 17.6	39.82N	20.63E	7	3.0			
ISCJB		Error ellipse: s-maj=5.2km s-min=4.5km az=179.3.							
ISC	V	02 13 47 40.4-74	39.76N-07	20.69E-05	15-7		12	0-1	
ISCJB	V	02 13 47 39.4-75	39.78N-06	20.67E-04	10		19801006		
ATH	V	02 13 47 40.2	39.57N	20.71E	17-4	3.1			
THE	V	02 13 47 41.0	39.81N	20.52E	7	3.1			
ISCJB		Error ellipse: s-maj=8.0km s-min=4.8km az=179.0.							
ATH		Error ellipse: s-maj=3.5km s-min=1.2km az=-1.0.							
ISC	V	01 00 46 59.3-55	39.47N-04	20.46E-04	10		30	0-3	
ISCJB	V	01 00 46 58.9-54	39.48N-03	20.48E-04	10		19800549		
ATH	V	01 00 46 58.1	39.50N	20.51E	22-7	3.3			
CSEM	V	01 00 46 59.3-25	39.46N	20.44E	5	3.1L			
THE	V	01 00 46 59.4	39.45N	20.42E	3	3.1L			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=5.0km s-min=4.5km az=15.6.							
ATH		Error ellipse: s-maj=2.1km s-min=1.7km az=-1.0.							

CSEM		Event type ke. Error ellipse: s-maj=5.8km s-min=3.0km az=24.0.							
ISC	V	05 02 22 00.1-55	39.33N-04	20.96E-04	10		14	0-3	
ISCJB	V	05 02 21 59.4-55	39.34N-04	20.97E-04	10		19801824		
ATH	V	05 02 21 59.7	39.34N	21.01E	4	3.1			
THE	V	05 02 22 00.1	39.33N	20.95E	10	2.2L			
SKO	V	05 02 22 00.9	39.16N	21.59E	0	2.2L			
ISCJB		Error ellipse: s-maj=5.4km s-min=4.7km az=54.2.							
ISC	V	06 13 27 08.1-60	39.34N-04	20.86E-05	16-5		14	0-1	
ISCJB	V	06 13 27 07.5-71	39.34N-04	20.88E-05	10-7		19802282		
ATH	V	06 13 27 07.9	39.40N	20.93E	29-7	2.7			
CSEM	V	06 13 27 07.5-28	39.35N	20.87E	15	2.7			
THE	V	06 13 27 08.1	39.34N	20.86E	6	2.2L			
ISC		Event type ke.							
ISCJB		Event type ke. Error ellipse: s-maj=8.2km s-min=4.9km az=67.7.							
ATH		Error ellipse: s-maj=4.9km s-min=2.8km az=-1.0.							
CSEM		Event type ke. Error ellipse: s-maj=9.0km s-min=5.5km az=29.0.							
ISC	V	07 22 52 37.5-57	39.45N-04	20.57E-05	10		15	0-3	
ATH	V	07 22 52 35.2	39.52N	20.49E	22	3.2	19802771		
SKO	V	07 22 52 36.6	39.32N	20.49E	6	3.2			
ISCJB	V	07 22 52 37.0-56	39.45N-03	20					

CSEM	Event type ke. Error ellipse: s-maj=5.3km s-min=3.8km az=158.0.								
ISC	I 22 18 42 02.6-75	39.01N-03	20.44E-06	7-6					
ISCJB	I 22 18 42 01.9-87	39.00N-03	20.47E-06	4-6					
CSEM	I 22 18 42 02.3-30	39.02N	20.38E	25-3	3.1L				
NEIC	I 22 18 42 02.1	39.00N	20.47E	42	3.3				
ATH	I 22 18 42 02.1	39.00N	20.47E	42-8	3.3				
THE	I 22 18 42 03.2	39.04N	20.48E	10	3.1L				
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=7.7km s-min=5.3km az=144.5.								
CSEM	Event type ke. Error ellipse: s-maj=8.4km s-min=5.1km az=76.0.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=3.5km s-min=4.1km az=-1.0.								
ISC	I 28 22 23 34.9-46	39.45N-03	20.67E-03	14-4					
ISCJB	I 28 22 23 34.5-45	39.45N-03	20.69E-03	10-4					
NEIC	I 28 22 23 34.0	39.40N	20.67E	8	3.2				
ATH	I 28 22 23 34.0	39.40N	20.67E	8-2	3.2				
THE	I 28 22 23 35.3	39.47N	20.69E	10	3.0L				
SKO	I 28 22 23 38.6	39.51N	20.82E	25	3.0L				
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=4.4km s-min=4.1km az=31.9.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=0.7km s-min=0.7km az=-1.0.								
ISC	I 27 19 28 45.2-44	40.28N-03	20.61E-04	10					
NEIC	I 27 19 28 42.6	40.43N	20.39E	0	3.2				
TIR	I 27 19 28 43.8	40.30N	20.56E	6	3.2				
SKO	I 27 19 28 43.6	40.16N	20.62E	0	3.2				
ISCJB	I 27 19 28 44.8-45	40.29N-03	20.60E-04	10	3.2				
CSEM	I 27 19 28 51.8	39.78N	20.62E	10	3.2				
ATH	I 27 19 28 51.8	39.78N	20.62E	10	3.2				
ISC	Event type se.								
NEIC	Event type se. After THE.								
ISCJB	Event type se. Error ellipse: s-maj=5.5km s-min=3.6km az=73.2.								
CSEM	After ATH.								
ISC	I 29 02 11 20.8-47	39.44N-02	20.69E-03	11-4					
ATH	I 29 02 11 18.8	39.70N	20.79E	36	3.2				
CSEM	I 29 02 11 18.8	39.70N	20.79E	36	3.2				
NEIC	I 29 02 11 18.8	39.70N	20.79E	36	3.2				
ISCJB	I 29 02 11 20.3-47	39.46N-02	20.71E-03	8-4	3.2				
THE	I 29 02 11 21.1	39.45N	20.71E	10	3.1L				
SKO	I 29 02 11 23.1	39.47N	20.88E	21	3.1L				
ISC	Event type se.								
CSEM	After ATH.								
NEIC	Event type se. After ATH.								
ISCJB	Event type se. Error ellipse: s-maj=4.3km s-min=3.9km az=135.8.								
ISC	I 29 09 56 12.4-55	39.43N-03	20.70E-04	8-5					
ATH	I 29 09 56 10.3	39.66N	20.86E	38	3.1				
CSEM	I 29 09 56 10.3	39.66N	20.86E	38	3.1				
NEIC	I 29 09 56 10.3	39.66N	20.86E	38	3.1				
ISCJB	I 29 09 56 11.8-56	39.45N-03	20.72E-04	6-5	3.1				
THE	I 29 09 56 12.4	39.46N	20.70E	10	3.1				
SKO	I 29 09 56 13.4	39.39N	20.67E	22	3.1				
ISC	Event type se.								
CSEM	After ATH.								
NEIC	Event type se. After ATH.								
ISCJB	Event type se. Error ellipse: s-maj=4.8km s-min=4.7km az=40.8.								
ISC	I 04 05 13 58.3-73	39.25N-04	20.53E-04	6-7					
ISCJB	I 04 05 13 57.4-74	39.24N-04	20.53E-04	2					
ATH	I 04 05 13 57.3	39.52N	20.66E	59-5	3.3				
CSEM	I 04 05 13 58.6-17	39.29N	20.48E	2	3.3				
THE	I 04 05 13 58.2	39.30N	20.49E	10	2.3L				
NEIC	I 04 05 13 58.2	39.30N	20.49E	0	3.3				
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=5.7km s-min=3.7km az=63.7.								
ATH	Error ellipse: s-maj=4.4km s-min=2.0km az=-1.0.								
CSEM	Event type ke. Error ellipse: s-maj=3.8km s-min=2.4km az=50.0.								
NEIC	Event type se. After THE.								
ISC	I 13 14 24 08.1-44	39.33N-03	20.57E-04	5					
NEIC	I 13 14 24 06.8	39.36N	20.22E	26	3.6				
ISCJB	I 13 14 24 07.5-44	39.33N-03	20.58E-04	5	3.6				
THE	I 13 14 24 07.5	39.38N	20.57E	10	3.6L				
ATH	I 13 14 24 07.3	39.42N	20.67E	5-3	3.6				
CSEM	I 13 14 24 08.5-09	39.41N	20.59E	2	3.6L				
ISC	Event type ke.								
NEIC	Event type se. After THE.								
ISCJB	Event type ke. Error ellipse: s-maj=4.6km s-min=3.4km az=99.8.								
ATH	Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.3km s-min=1.7km az=59.0.								
ISC	I 21 16 40 00.3-95	39.19N-04	19.88E-07	10					
ISCJB	I 21 16 39 59.9-99	39.19N-04	19.85E-08	10					
THE	I 21 16 40 00.4	39.22N	19.82E	11					
NEIC	I 21 16 40 00.2	39.20N	19.84E	31	3.3				
ATH	I 21 16 40 00.2	39.20N	19.84E	31	3.3				
CSEM	I 21 16 40 01.5-28	39.21N	19.92E	15	3.3				
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=8.7km s-min=4.8km az=154.2.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=12.2km s-min=32.1km az=-1.0.								
CSEM	Event type ke. Error ellipse: s-maj=6.1km s-min=3.3km az=74.0.								
ISC	I 29 20 25 01.6-57	39.16N-03	20.53E-05	10					
CSEM	I 29 20 25 00.3	39.23N	20.60E	32	3.2				
NEIC	I 29 20 25 00.3	39.23N	20.60E	32	3.2				
ATH	I 29 20 25 00.3	39.23N	20.60E	32-6	3.2				
THE	I 29 20 25 01.7	39.17N	20.56E	2	2.4L				
ISCJB	I 29 20 25 01.3-57	39.15N-03	20.54E-05	10	2.4L				
SKO	I 29 20 25 03.4	39.18N	20.75E	0	2.4L				
ISC	Event type se.								
CSEM	After ATH.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=5.6km s-min=3.9km az=-1.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.3km s-min=3.6km az=129.4.								
ISC	I 16 21 20 44.8-52	39.35N-02	20.51E-04	12					
SKO	I 16 21 20 40.9	38.97N	20.84E	0					
NEIC	I 16 21 20 43.9	39.39N	20.57E	12	3.4				
ATH	I 16 21 20 43.9	39.39N	20.57E	12-3	3.4				
THE	I 16 21 20 44.1	39.37N	20.55E	10	2.9L				
CSEM	I 16 21 20 44.5-19	39.40N	20.53E	1-2	2.9L				
ISCJB	I 16 21 20 44.4-52	39.34N-03	20.51E-04	12	2.9L				
ISC	Event type ke.								
NEIC	Event type se. After ATH.								
CSEM	Event type ke.								
ISCJB	Event type ke.								
ISC	I 28 19 47 36.5-51	39.42N-03	20.71E-03	15-3					
NEIC	I 28 19 47 35.8	39.45N	20.73E	20	3.4				
ATH	I 28 19 47 35.8	39.45N	20.73E	20-1	3.4				
CSEM	I 28 19 47 35.8	39.45N	20.73E	20	3.4				
THE	I 28 19 47 36.8	39.48N	20.72E	10	3.1L				
ISCJB	I 28 19 47 36.3-45	39.46N-02	20.74E-03	12-4	3.1L				
SKO	I 28 19 47 40.1	39.49N	20.95E	28	3.1L				
ISC	Event type se.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=0.8km s-min=0.5km az=-1.0.								
CSEM	After ATH.								
ISCJB	Event type se. Error ellipse: s-maj=4.6km s-min=3.7km az=97.7.								
ISC	V 30 08 46 23.7-35	39.80N-02	20.67E-03	2					
NEIC	V 30 08 46 22.9	39.80N	20.69E	5	3.5				
ATH	V 30 08 46 22.9	39.81N	20.68E	5-4	3.5				
ISCJB	V 30 08 46 23.0-35	39.81N-02	20.68E-03	2	3.5				
CSEM	V 30 08 46 23.5-11	39.84N	20.65E	2	3.5				
THE	V 30 08 46 23.5	39.82N	20.65E	10	2.9L				
ISC	Event type ke.								
NEIC	Event type se. After ATH.								

ATH	Error ellipse: s-maj=1.9km s-min=1.2km az=-1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=3.0km s-min=2.6km az=18.1.								
CSEM	Event type ke. Error ellipse: s-maj=2.7km s-min=2.1km az=100.0.								
ISC	V 31 22 55 37.0-38	39.83N-02	20.70E-03	4-4					
ISCJB	V 31 22 55 36.5-33	39.84N-02	20.70E-03	4					
NEIC	V 31 22 55 36.3	39.83N	20.71E	3	3.4				
ATH	V 31 22 55 36.3	39.83N	20.71E	4-2	3.4				

SZGRF	III	20 19 44 45.3	37.86N	5.36E	33	4.5b,3.6s			
ISC	Event type de.								
ISCJB	Event type ke. Error ellipse: s-maj=2.1km s-min=1.3km az=28.1.								
CSEM	Event type ke. Error ellipse: s-maj=1.6km s-min=0.9km az=11.0.								
MDD	Error ellipse: s-maj=13.2km s-min=7.1km az=139.0. PRXIMO.								
MOS	Error ellipse: s-maj=4.0km s-min=2.1km az=75.4.								
IDC	Error ellipse: s-maj=10.3km s-min=6.9km az=117.0.								
NEIC	Event type de. Error ellipse: s-maj=2.8km s-min=1.9km az=0.0. Four people killed and nine injured; 30 houses destroyed and 32 damaged; roads damaged, power outages occurred and water lines broken in the Kherrata area. Felt strongly in eastern Bejaia.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s60,c98; Mantle waves: s88,c164; Half duration: 0 Moment tensor: Scale 1016 Nm; Nr:0.07z; 13 Mw:0.12z; 14 Mw:0.05z; 14 Mw:1.22z; 34 Mw:6.41z; 10 Mw:3.19z; 33 Mw:3.84z; 00000. NP1:0.92.00000.0.864.00000.0.174.00000. NP2:0.360.00000.0.884.00000.0.26.00000.0. Principal axes: T 6.7140,Plg13.0000.0.Azm49.0000.0. N 0.9970,Plg64.0000.0.Azm168.0000.0. P -7.7110,Plg22.0000.0.Azm313.0000.0. M7.21200x1016								
LDG	Event type ke. Error ellipse: s-maj=3.6km s-min=3.0km az=157.0.								
SZGRF	Western Mediterranean Sea.								
MDD	III	31 22 54 01.7-4.9	36.84N	5.23E	0	3.7b			
MDD	Error ellipse: s-maj=63.3km s-min=42.1km az=50.0. PRXIMO SIN SOLUCIN. ¶10614743								
MDD	III	21 02 26 44.8-2.7	36.85N	5.48E	0	4.1b			
LDG	III	21 02 26 45.4-35	36.63N	5.54E	25-0	2.9L			
CSEM	III	21 02 26 45.5-1.2	36.71N	5.28E	25	2.8L			
MDD	Error ellipse: s-maj=25.7km s-min=15.9km az=157.0. PRXIMO.								
LDG	Event type ke. Error ellipse: s-maj=6.9km s-min=5.8km az=36.0.								
CSEM	Event type ke. Error ellipse: s-maj=26.6km s-min=12.9km az=144.0.								
MDD	III	22 07 47 05.3-2.5	36.87N	5.47E	0	4.0b			
CSEM	III	22 07 47 04.5-1.1	36.74N	5.26E	10	3.1L			
NEIC	III	22 07 47 06.6	36.93N	5.39E	0	4.0			
LDG	III	22 07 47 07.7-56	36.76N	5.57E	25-0	3.2L			
MDD	Error ellipse: s-maj=23.5km s-min=15.6km az=160.0. PRXIMO.								
CSEM	Event type ke. Error ellipse: s-maj=22.2km s-min=12.4km az=145.0.								
NEIC	Event type se. After MDD.								
LDG	Event type ke. Error ellipse: s-maj=10.8km s-min=7.2km az=157.0.								
MDD	III	23 21 34 20.3-4.2	36.77N	5.34E	0	3.6b			
CSEM	III	23 21 34 20.3-4.2	36.77N	5.34E	0	3.5b			
MDD	Error ellipse: s-maj=57.9km s-min=36.9km az=55.0. PRXIMO.								
CSEM	Error ellipse: s-maj=57.9km s-min=36.9km az=55.0. After MDD.								
MDD	III	21 23 41 59.8-1.8	36.88N	5.50E	0	4.1b			
CSEM	III	21 23 42 01.7-35	36.93N	5.40E	12	3.2L			
NEIC	III	21 23 42 01.5	36.93N	5.38E	0	4.1			
LDG	III	21 23 42 01.4-47	36.71N	5.59E	25-0	3.1L			
MDD	Error ellipse: s-maj=16.9km s-min=10.3km az=149.0. PRXIMO.								
CSEM	Event type ke. Error ellipse: s-maj=6.5km s-min=4.2km az=155.0.								
NEIC	Event type se. After MDD.								
LDG	Event type ke. Error ellipse: s-maj=8.7km s-min=6.9km az=171.0.								
MDD	III	31 06 13 32.9-2.1	36.83N	5.43E	0	3.9b			
CSEM	III	31 06 13 32.6-61	36.62N	5.59E	40	3.3L			
NEIC	III	31 06 13 35.9	36.96N	5.26E	0	3.8			
LDG	III	31 06 13 35.3-60	36.74N	5.56E	20-0	3.2L			
MDD	Error ellipse: s-maj=20.1km s-min=11.9km az=155.0. PRXIMO.								
CSEM	Event type ke. Error ellipse: s-maj=11.8km s-min=6.7km az=146.0.								
NEIC	Event type se. After MDD.								
LDG	Event type ke. Error ellipse: s-maj=11.2km s-min=8.4km az=166.0.								
ISC	VI	11 03 21 57.1-1.7	36.2N-10	2.62E-09	10		9	0-5	
CRAAG	VI	11 03 21 53.9	36.00N	2.60E		2.6L			
ISCJB	VI	11 03 21 56.0-1.7	36.2N-10	2.56E-09	10	2.6L			
MDD	VI	11 03 21 56.6-2.0	36.07N	2.58E	0	2.9b			
ISCJB	Error ellipse: s-maj=21.1km s-min=7.6km az=47.9.								
MDD	Error ellipse: s-maj=22.0km s-min=7.7km az=22.0. PRXIMO.								
ISC	VI	22 23 05 47.8-46	36.56N-04	2.43E-04	10		43	1-5	
CRAAG	VI	22 23 05 45.9	36.47N	2.48E		3.1L			
ISCJB	VI	22 23 05 47.7-47	36.62N-04	2.37E-04	10	3.1L			
CSEM	VI	22 23 05 47.5-26	36.53N	2.41E	15	3.1L			
MDD	VI	22 23 05 49.0-1.5	36.57N	2.43E	29-15	3.5b			
NEIC	VI	22 23 05 51.9	36.71N	2.41E	8	3.2			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=5.3km s-min=4.2km az=19.6.								
CSEM	Event type ke. Error ellipse: s-maj=8.0km s-min=6.2km az=5.0.								
MDD	Error ellipse: s-maj=8.7km s-min=8.0km az=129.0. PRXIMO.								
NEIC	Event type se. After MDD.								
ISC	VI	26 10 26 34.2-68	35.91N-05	5.66E-05	2-7		42	0-7	
CRAAG	VI	26 10 26 30.6	35.76N	5.38E		3.7L			
CSEM	VI	26 10 26 32.7-12	35.91N	5.70E	3-1	3.7L			
ISCJB	VI	26 10 26 33.1-57	35.93N-05	5.63E-04	0	3.7L			
MDD	VI	26 10 26 34.5-41	35.89N	5.67E	0	4.3b			
NEIC	VI	26 10 26 36.3	35.92N	5.58E	0	4.3			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=4.9km s-min=3.4km az=24.0.								
ISCJB	Event type ke. Error ellipse: s-maj=7.9km s-min=5.2km az=7.3.								
MDD	Error ellipse: s-maj=5.9km s-min=3.8km az=21.0. PRXIMO.								
NEIC	Event type se. After MDD.								
ISC	VI	08 03 08 04.0-1.1	36.5N-10	2.58E-08	7-17		28	0-5	
MDD	VI	08 03 08 03.7-1.1	36.29N	2.46E	0	2.8b			
ISCJB	VI	08 03 08 06.1-1.1	36.67N-06	2.41E-06	10	2.8b			
NEIC	VI	08 03 08 06.6	36.63N	2.57E	0	3.1			
CSEM	VI	08 03 08 06.3-40	36.68N	2.43E	10	3.1b			
CRAAG	VI	08 03 08 07.1	36.38N	2.73E		2.5L			
ISC	Event type ke.								
MDD	Error ellipse: s-maj=15.9km s-min=6.5km az=29.0. PRXIMO.								
ISCJB	Event type ke. Error ellipse: s-maj=9.1km s-min=7.2km az=148.8.								
NEIC	Event type se. After MDD.								
CSEM	Event type ke. Error ellipse: s-maj=10.3km s-min=6.3km az=5.0.								
ISC	II	08 01 47 02.5-1.2	36.86N-10	4.78E-07	4-14		25	0-6	
CSEM	II	08 01 47 01.7-12	36.81N	4.74E	10	3.2L			
ISCJB	II	08 01 47 02.5-1.5	36.88N-08	4.77E-07	14-13	3.2L			
MDD	II	08 01 47 03.1-55	36.83N	4.77E	0	3.5b			
CRAAG	II	08 01 47 03.9	36.36N	4.62E		3.2L			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=4.6km s-min=2.8km az=55.0.								
ISCJB	Event type ke. Error ellipse: s-maj=15.3km s-min=6.9km az=64.4.								
MDD	Error ellipse: s-maj=7.5km s-min=5.1km az=29.0. PRXIMO MAGNITUD INDETERMINADA.								
CRAAG	II	08 10 46 29.7	36.41N	4.73E		3.5L			
CSEM	II	08 10 46 29.7	36.41N	4.73E	0	3.5L			
CSEM	After ALG.								
ISC	II	17 07 37 47.8-32	36.82N-02	3.51E-02	10	3.3b	184	0-69	
IDC	II	17 07 37 44.8-1.4	36.59N	3.52E	0	4.5L,3.6			
CSEM	II	17 07 37 45.6-09	36.66N	3.52E	15	3.7L,3.6			
CRAAG	II	17 07 37 45.6	36.55N	3.50E		4.0L,3.6			
ISCJB	II	17 07 37 46.4-30	36.86N-02	3.48E-02	10	3.3b,3.6			
MDD	II	17 07 37 46.5-34	36.59N	3.56E	0	4.5b,3.6			
NEIC	II	17 07 37 48.8	36.79N	3.48E	0	4.5,3.6			
SFS	II	17 07 37 48.0	36.79N	3.48E	0	4.5L,3.6			
LDG	II	17 07 37 50.5-31	36.66N	3.56E	20-0	3.6L,3.6			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=33.7km s-min=28.5km az=112.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.3km s-min=1.7km az=12.0.								
ISCJB	Event type ke. Error ellipse: s-maj=3.3km s-min=2.8km az=39.6.								
MDD	Error ellipse: s-maj=4.2km s-min=3.8km az=29.0. PRXIMO.								
NEIC	Event type se. After MDD.								
LDG	Event type ke. Error ellipse: s-maj=6.4km s-min=3.1km az=150.0.								
ISC	II	26 00 36 49.0-2.0	36.1N-20	2.75E-08	10		16	0-5	
ISCJB	II	26 00 36 47.3-2.6	36.1N-20	2.64E-09	10				
MDD	II	26 00 36 49.1-1.2	36.22N	2.76E	0	3.4b			
CRAAG	II	26 00 36 50.2	36.26N	2.73E		2.6L			
CSEM	II	26 00 36 53.4-18	36.56N	2.53E	10	3.3b			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=32.0km s-min=9.6km az=169.2.								

MDD	Error ellipse: s-maj=21.4km s-min=6.1km az=28.0. PRXIMO SOLUCIN POBRE MAGNITUD POBRE.								
CSEM	Event type ke. Error ellipse: s-maj=4.3km s-min=3.3km az=157.0.								
ISC	V	14 22 25 67.8-31	36.66N-03	5.40E-03	10	3.2b	115	0-56	
IDC	V	14 22 25 66.8-1.6	36.53N	5.37E	0	3.6L,3.2b			
CRAAG	V	14 22 25 66.3	36.59N	5.43E		4.1L,3.2b			
ISCJB	V	14 22 25 66.7-31	36.77N-03	5.41E-03	10	3.2b,3.2b			
CSEM	V	14 22 25 66.5-08	36.66N	5.44E	8	3.4L,3.2b			
MDD	V	14 22 25 68.8-1.1	36.63N	5.46E	9-13	4.3b,3.2b			
NEIC	V	14 22 25 69.7	36.74N	5.41E	0	3.8,3.2b			
LDG	V	14 22 26 03.3-45	36.99N	4.92E	8-0	3.4L,3.2b			
STR	V	14 22 26 39.3-7.2	39.74N	4.84E	10-1	3.4L,3.2b			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=38.8km s-min=28.5km az=140.0.								
ISCJB	Event type ke. Error ellipse: s-maj=4.3km s-min=3.1km az=80.6.								
CSEM	Event type ke. Error ellipse: s-maj=2.0km s-min=1.7km az=9.0.								
MDD	Error ellipse: s-maj=8.5km s-min=5.4km az=171.0. PRXIMO.								
NEIC	Event type se. After MDD.								
LDG	Event type ke. Error ellipse: s-maj=9.5km s-min=4.4km az=156.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	V	02 00 15 30.0-78	36.52N-09	2.46E-07	17-12		40	1-5	
CRAAG	V	02 00 15 27.4	36.42N	2.46E		2.5L			
CSEM	V	02 00 15 29.7-26	36.54N	2.43E	20	2.5L			
ISCJB	V	02 00 15 30.2-78	36.56N-07	2.45E-09	27-16	2.5L			
MDD	V	02 00 15 30.5-59	36.40N	2.49E	17-12	3.4b			
NEIC	V	02 00 15 32.2	36.72N	2.47E	0	3.3			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=7.2km s-min=5.3km az=160.0.								
ISCJB	Event type ke. Error ellipse: s-maj=15.0km s-min=7.6km az=95.2.								
MDD	Error ellipse: s-maj=11.2km s-min=6.6km az=153.0. PRXIMO.								
NEIC	Event type se. After MDD.								
ISC	V	01 16 28 40.0-88	36.33N-05	3.40E-07	10		35	0-6	
CRAAG	V	01 16 28 37.3	35.93N	3.32E		2.5L			
ISCJB	V	01 16 28 39.5-85	36.39N-05	3.36E-07	10	2.5L			
MDD	V	01 16 28 39.5-93	36.20N	3.42E	0	3.4b			
CSEM	V	01 16 28 40.8-25	36.32N	3.39E	35	2.5L			
NEIC	V	01 16 28 41.7	36.38N	3.40E	0	3.5			
ISC	Event type ke.								
ISC									

MOS	IV	12 21 21 27.4-1.1	37.59N	20.62E	21	4.0b,3.8			
ISCJB	IV	12 21 21 30.2-39	37.67N-03	20.71E-04	33	3.8b,3.8			
NEIC	IV	12 21 21 30.5	37.76N	20.96E	18	3.8L,3.7L			
ATH	IV	12 21 21 30.5	37.76N	20.96E	18-1	3.8L,3.6			
THE	IV	12 21 21 30.6	37.76N	20.89E	10	3.9L,3.6			
CSEM	IV	12 21 21 30.0-10	37.82N	20.90E	2	3.8L,3.6			
ISC	Event type ke								
IDC	Error ellipse: s-maj=22.4km s-min=14.4km az=158.0.								
MOS	Error ellipse: s-maj=12.5km s-min=4.7km az=75.6.								
ISCJB	Event type ke. Error ellipse: s-maj=5.0km s-min=3.4km az=89.7.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=1.6km s-min=1.4km az=-1.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.9km s-min=1.7km az=40.0.								
ISC	IV	12 23 04 21.9-94	37.64N-03	20.79E-04	15-6	3.7b	71	1-120	
IDC	IV	12 23 04 18.2-1.2	37.69N	21.03E	0	3.8,3.7b		19594756	
HLW	IV	12 23 04 20.3	37.66N	20.57E	3	3.5b,3.7b			
ISCJB	IV	12 23 04 21.9-38	37.61N-03	20.71E-04	33	3.6b,3.7b			
CSEM	IV	12 23 04 22.6-07	37.53N	20.89E	70-1	3.7L,3.7b			
NEIC	IV	12 23 04 22.6	37.78N	20.95E	15	4.2b,3.7L			
ATH	IV	12 23 04 22.8	37.79N	20.96E	16-1	3.8,3.7L			
ISC	Event type ke								
IDC	Error ellipse: s-maj=25.8km s-min=19.4km az=114.0.								
ISCJB	Event type ke. Error ellipse: s-maj=5.5km s-min=3.5km az=76.5.								
CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=1.7km az=42.0.								
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=1.6km s-min=1.7km az=-1.0.								
ISC	IV	14 21 21 29.5-79	37.60N-04	20.85E-05	4-5	3.4b	55	1-32	
IDC	IV	14 21 21 24.3-6.5	37.38N	19.88E	0	3.6,3.5b		19594925	
CSEM	IV	14 21 21 29.3-32	37.58N	20.82E	0-1	3.7L,3.5b			
ATH	IV	14 21 21 29.9	37.61N	20.94E	7-2	3.7L,3.6			
NEIC	IV	14 21 21 29.9	37.61N	20.94E	7	3.7L,3.6			
ISCJB	IV	14 21 21 30.3-92	37.57N-04	20.74E-05	31-7	3.4b,3.6			
THE	IV	14 21 21 32.4	37.59N	20.86E	22	3.5L,3.6			
ISC	Event type ke								
IDC	Error ellipse: s-maj=99.4km s-min=46.8km az=7.0.								
CSEM	Event type ke. Error ellipse: s-maj=4.1km s-min=2.4km az=39.0.								
ATH	Error ellipse: s-maj=2.1km s-min=2.0km az=-1.0.								
NEIC	Event type se. After ATH.								
ISCJB	Event type ke. Error ellipse: s-maj=7.6km s-min=6.0km az=68.1.								
ISC	IV	15 02 18 15.5-1.5	37.67N-07	20.91E-08	1-8		18	1-3	
ISCJB	IV	15 02 18 15.4-1.4	37.71N-06	20.91E-07	2-8		19594940		
ATH	IV	15 02 18 17.0	37.79N	20.94E	18-4	3.3			
NEIC	IV	15 02 18 17.4	37.79N	20.95E	7	3.3			
CSEM	IV	15 02 18 18.1-24	37.82N	21.01E	0-1	3.3			
THE	IV	15 02 18 18.6	37.83N	21.04E	10	3.3			
ISC	Event type ke								
ISCJB	Event type ke. Error ellipse: s-maj=12.2km s-min=7.0km az=82.5.								
ATH	Error ellipse: s-maj=2.4km s-min=2.1km az=-1.0.								
NEIC	Event type se. After ATH.								
CSEM	Event type ke. Error ellipse: s-maj=5.4km s-min=2.6km az=45.0.								
ISC	IV	15 21 15 11.0-11	37.58N-01	20.97E-01	10	4.9b,4.5s	945	1-122	
PRU	IV	15 21 15 05.9	37.48N	20.91E	0	4.5,4.5s		10697787	
HLW	IV	15 21 15 08.3	37.97N	21.44E	33	4.9b,4.5s			
ISCJB	IV	15 21 15 09.5-12	37.62N-01	20.95E-01	10	4.9b,4.5s			
BJI	IV	15 21 15 09.8	37.78N	21.17E	18	5.0s,5.0b			
IDC	IV	15 21 15 09.2-53	37.72N	21.02E	0	4.7b,4.7			
MOS	IV	15 21 15 10.9-1.1	37.68N	20.96E	20	5.1b,4.3s			
CSEM	IV	15 21 15 10.2	37.67N	20.88E	10	5.0b,4.3s			
CRAAG	IV	15 21 15 10.2	37.67N	20.88E	5	5.0b,4.3s			
HRVD	IV	15 21 15 11.4-60	37.73N	20.66E	26-1	4.9W,4.4s			
NEIC	IV	15 21 15 11.4	37.64N	21.00E	15	4.8L,4.5b			
ATH	IV	15 21 15 11.4	37.64N	21.00E	15-2	4.8L,4.5			
PDG	IV	15 21 15 11.2-65	37.66N	20.86E	11-2	4.8L,4.5			
BGS	IV	15 21 15 12.9-2.1	37.73N	21.07E	20-0	4.9b,4.5			
THE	IV	15 21 15 13.2	37.61N	20.91E	20	4.8L,4.5			
SZGRF	IV	15 21 15 18.6	37.60N	20.59E	33	4.1b,4.5			
ISC	Event type se								
ISCJB	Event type se. Error ellipse: s-maj=1.9km s-min=1.2km az=31.5.								
IDC	Error ellipse: s-maj=12.3km s-min=11.2km az=119.0.								
MOS	Error ellipse: s-maj=3.4km s-min=2.1km az=106.1.								
HRVD	Error ellipse: s-maj=3.3km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
LP body waves: s21,c28; Mantle waves: s54,c73;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₁₁ : 80.1; M ₂₂ : 17.0; M ₃₃ : 65.1; M ₁₂ : 2.45; M ₁₃ : 11.1; M ₂₃ : 2.27; M ₄₄ : 0.51; M ₅₅ : 0.9; M ₆₆ : 1.13; 18; Best double couple: NP1.0: 18.00000°; 836.00000°; 136.00000°; NP2.0: 146.00000°; 866.00000°; 162.00000°. Principal axes: T: 2.7130,Plg59.0000°,Azim16.0000°; N: 0.2090,Plg25.0000°,Azim158.0000°; P: -2.9260,Plg17.0000°,Azim256.0000°; M ₂ : 819000×10 ¹⁶									
NEIC	Event type se. After ATH.								
ATH	Error ellipse: s-maj=2.2km s-min=2.3km az=-1.0.								
PDG	Error ellipse: s-maj=1.2km s-min=0.9km az=-1.0.								
BGS	Error ellipse: s-maj=111.0km s-min=66.7km az=-1.0.								
SZGRF	Ionian Sea.								
ISC	IV	16 03 07 34.0-1.1	37.63N-05	20.98E-07	8-5		25	1-4	
ATH	IV	16 03 07 32.4	37.57N	20.96E	20-6	3.5		19595003	
NEIC	IV	16 03 07 32.4	37.57N	20.96E	20	3.5			
ISCJB	IV	16 03 07 33.9-1.1	37.66N-05	20.98E-07	12-5	3.5			
CSEM	IV	16 03 07 33.4-17	37.61N	20.95E	2	3.5			
THE	IV	16 03 07 37.7	37.69N	20.93E	21	2.9L			
ISC	Event type ke								
ATH	Error ellipse: s-maj=5.6km s-min=6.5km az=-1.0.								
NEIC	Event type se. After ATH.								
ISCJB	Event type ke. Error ellipse: s-maj=10.1km s-min=6.6km az=96.2.								
CSEM	Event type ke. Error ellipse: s-maj=3.6km s-min=1.9km az=54.0.								
ISC	IV	17 08 54 41.1-14	37.57N-01	20.95E-01	10	4.8b,4.2s	699	1-122	
HLW	IV	17 08 54 35.1	37.96N	21.17E	33	4.6b,4.2s		10697812	
PRU	IV	17 08 54 37.6	37.60N	20.61E	0	4.5,4.2s			
PDG	IV	17 08 54 37.1-52	37.39N	21.26E	23-6	4.5,4.2s			
IDC	IV	17 08 54 38.7-41	37.82N	20.95E	0	4.5b,4.5			
ISCJB	IV	17 08 54 39.4-14	37.58N-01	20.94E-01	10	4.8b,4.2s			
THE	IV	17 08 54 40.8	37.57N	20.91E	10	4.6L,4.2s			
ATH	IV	17 08 54 40.5	37.56N	20.95E	12-1	4.7L,4.4			
CRAAG	IV	17 08 54 40.1	37.68N	20.97E	4	4.2b,4.4			
NEIC	IV	17 08 54 40.5	37.56N	20.95E	12	4.7,4.7L			
CSEM	IV	17 08 54 41.0-06	37.55N	20.90E	2	3.8s,4.7L			
BJI	IV	17 08 54 42.4	37.85N	21.22E	26	5.1b,5.0s			
MOS	IV	17 08 54 43.0-1.5	37.66N	21.04E	33	4.9b,4.2s			
SZGRF	IV	17 08 54 46.3	37.64N	20.89E	33	4.0b,4.2s			
BGS	IV	17 08 54 47.5-2.0	38.08N	21.00E	33-0	4.9b,4.2s			
ISC	Event type fe								
PDG	Error ellipse: s-maj=5.2km s-min=5.7km az=-1.0.								
IDC	Error ellipse: s-maj=8.1km s-min=7.7km az=174.0.								
ISCJB	Event type fe. Error ellipse: s-maj=2.2km s-min=1.5km az=55.3.								
ATH	Error ellipse: s-maj=1.2km s-min=1.3km az=-1.0.								
NEIC	Event type fe. Felt on Zakynthos. After ATH.								
CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=1.0km az=27.0.								
MOS	Error ellipse: s-maj=3.6km s-min=2.2km az=102.4.								
SZGRF	Ionian Sea.								
BGS	Error ellipse: s-maj=150.5km s-min=88.2km az=-1.0.								
ISC	IV	20 02 23 15.4-1.8	37.56N-07	20.6E-10	10		16	1-4	
ISCJB	IV	20 02 23 17.8-1.2	37.72N-06	20.83E-08	10		19597522		
CSEM	IV	20 02 23 17.5-47	37.69N	20.88E	2-1	3.3			
ATH	IV	20 02 23 17.5	37.72N	20.88E	19-4	3.3			
THE	IV	20 02 23 17.8	37.75N	20.69E	10	3.3			
NEIC	IV	20 02 23 17.5	37.72N	20.88E	19	3.3			
ISC	Event type ke								
ISCJB	Event type ke. Error ellipse: s-maj=11.3km s-min=5.2km az=99.4.								
CSEM	Event type ke. Error ellipse: s-maj=10.2km s-min=5.0km az=33.0.								
ATH	Error ellipse: s-maj=2.2km s-min=2.0km az=-1.0.								
NEIC	Event type se. After ATH.								
ISC	IV	21 07 49 43.1-22	37.64N-02	20.92E-02	10	4.5b	250	1-122	

IDC	IV	21 07 49 41.2-64	37.71N	21.01E	0	4.3b,4.3			10697969
ISCJB	IV	21 07 49 41.1-23	37.57N-02	20.86E-03	10	4.5b,4.3			
MOS	IV	21 07 49 41.3-1.1	37.71N	21.10E	10	4.6b,4.3			
CSEM	IV	21 07 49 42.3-07	37.57N	20.71E	10	4.4b,3.1s			
BJI	IV	21 07 49 42.5	37.70N	21.00E	0	4.8s,4.8b			
THE	IV	21 07 49 44.6	37.71N	20.96E	10	4.2L,4.8b			
ATH	IV	21 07 49 44.5	37.75N	20.90E	17-1	4.2,4.2L			
NEIC	IV	21 07 49 44.6	37.71N	20.96E	0	4.3b,4.0L			
PDG	IV	21 07 49 45.3-73	37.72N	20.86E	23-2	4.3b,4.0L			
HLW	IV	21 07 49 48.2	37.63N	21.62E	33	4.4b,4.0L			
ISC	Event type ke								
IDC	Error ellipse: s-maj=15.0km s-min=12.6km az=141.0.								
ISCJB	Event type ke. Error ellipse: s-maj=3.4km s-min=2.4km az=87.2.								
MOS	Error ellipse: s-maj=8.9km s-min=5.3km az=110.9.								
CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=1.2km az=16.0.								
ATH	Error ellipse: s-maj=1.3km s-min=1.2km az=-1.0.								
NEIC	Event type se. After THE.								
PDG	Error ellipse: s-maj=1.7km s-min=1.1km az=-1.0.								
ISC	IV	26 23 10 35.8-96	37.51N-04	20.93E-06	3-5		37	1-5	
ISCJB	IV	26 23 10 35.1-1.0	37.51N-04	20.92E-06	7-6		19598050		
ATH	IV	26 23 10 35.0	37.50N	20.91E	9-2	3.7,3.7L			
CSEM	IV	26 23 10 35.4-31	37.46N	20.93E	0-1	3.7L,3.7L			
THE	IV	26 23 10 37.3	37.49N	20.93E	18	3.5L,3.7L			
ISC	Event type ke								
ISCJB	Event type ke. Error ellipse: s-maj=9.2km s-min=4.5km az=106.9.								
ATH	Error ellipse: s-maj=1.4km s-min=1.5km az=-1.0.								
CSEM	Event type ke. Error ellipse: s-maj=4.0km s-min=1.6km az=53.0.								
(400) Central Mediterranean Sea.									
ISC	IV	17 09 42 17.3-82	35.71N-02	20.14E-02	13-6	4.5b,3.6s	461	2-82	
CSEM	IV	17 09 42 14.6-05	35.49N	20.06E	16	4.3b,2.7s		10697815	
PRU	IV	17 09 42 14.8	35.90N	20.16E	0	4.1,2.7s			
PDG	IV	17 09 42 15.6-13	35.86N	18.79E	11-1	4.1,2.7s			
IDC	IV	17 09 42 15.5-81	35.71N	20.05E	0	4.7L,4.4			
ISCJB	IV	17 09 42 16.0-77	35.78N-02	20.08E-02	15-6	4.5b,3.6s			
BJI	IV	17 09 42 17.5	35.65N	20.64E	20	4.9b,4.8s			
ATH	IV	17 09 42 17.8	35.71N	20.07E	35-10	4.5L,4.3			
MOS	IV	17 09 42 17.9-1.3	35.92N	20.15E	15	4.5b,4.3			
HLW	IV	17 09 42 18.8	35.65N	20.31E	45	4.8b,4.3			
NEIC	IV	17 09 42 19.2-2.4	35.81N	20.15E	16-16	4.6L,4.5L			
THE	IV	17 09 42 20.8	35.79N	20.26E	22	4.5L,4.5L			
SZGRF	IV	17 09 42 20.4	35.89N	20.58E	33	4.5L,4.5L			
ISC</									

Table with columns for station ID, time, coordinates, and event type. Includes stations like CSEM, NEIC, ISC, and ATH.

SEISMIC REGION 32. Atlantic Ocean.

(402) North Atlantic Ocean.

Main seismic event table for region 32, listing stations (RSPR, NEIC, ISC, etc.), times, coordinates, and magnitudes.

Continuation of seismic event table for region 32, listing stations (NEIC, RSPR, etc.), times, coordinates, and magnitudes.

(403) Northern Mid-Atlantic Ridge.

Seismic event table for region 33, listing stations (ISC, BJI, SZGRF, etc.), times, coordinates, and magnitudes.

CSEM	Event type ke. Error ellipse: s-maj=6.3km s-min=1.6km az=4.0.								
SZGRF	Northern Mid-Atlantic Ridge.								
NEIC	II 25 06 25 51.1-1.1 49.89N 29.00W 10								
IDC	II 25 06 25 49.7-1.1 49.92N 29.00W 0 3.9,3.8								
CSEM	II 25 06 25 58.4-24 50.91N 28.97W 33 4.3b,3.1s								
NEIC	Event type se. Error ellipse: s-maj=28.0km s-min=15.0km az=202.0.								
IDC	Error ellipse: s-maj=31.1km s-min=21.5km az=28.0.								
CSEM	Event type ke. Error ellipse: s-maj=13.3km s-min=3.6km az=26.0.								
IDC	II 25 08 24 25.1-1.7 49.93N 28.96W 0 3.8,3.7								
IDC	Error ellipse: s-maj=42.8km s-min=31.6km az=54.0.								
ISC	II 25 12 52 23.0-48 49.98N-09 28.91W-07 10 4.2b,3.6s 77 16-150								
ISCJB	II 25 12 52 21.2-48 49.92N-09 28.94W-07 10 4.2b,3.6s								
IDC	II 25 12 52 21.6-84 49.95N 29.02W 0 4.2,4.1b								
CSEM	II 25 12 52 23.8-12 49.90N 28.92W 33 4.3b,3.0s								
NEIC	II 25 12 52 23.0-38 49.93N 28.97W 10 4.3b,3.0s								
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=13.3km s-min=5.7km az=28.9.								
IDC	Error ellipse: s-maj=22.3km s-min=14.8km az=18.0.								
CSEM	Event type ke. Error ellipse: s-maj=7.7km s-min=2.2km az=10.0.								
NEIC	Event type se. Error ellipse: s-maj=10.6km s-min=5.6km az=189.0.								
ISC	II 25 19 16 00.5-97 50.0N-10 28.9W-20 10 3.9b,3.1s 32 15-150								
ISCJB	II 25 19 15 58.7-97 50.0N-10 28.9W-20 10 3.9b,3.1s								
IDC	II 25 19 15 58.4-1.7 49.90N 29.01W 0 3.9,3.8								
NEIC	II 25 19 16 00.4-84 49.91N 29.1W 10 3.6b,3.8								
CSEM	II 25 19 16 01.4-12 49.92N 28.84W 33 4.0b,3.8								
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=23.6km s-min=9.8km az=77.1.								
IDC	Error ellipse: s-maj=44.4km s-min=32.3km az=61.0.								
NEIC	Event type se. Error ellipse: s-maj=22.4km s-min=7.9km az=215.0.								
CSEM	Event type ke. Error ellipse: s-maj=5.8km s-min=2.7km az=34.0.								
ISC	II 25 09 08 25.3-30 49.94N-05 28.93W-05 10 4.4b,3.8s 231 12-151								
SZGRF	II 25 09 08 22.2 48.38N 29.37W 33 4.9b,3.8s								
CSEM	II 25 09 08 23.3-06 49.94N 28.91W 10 4.5b,3.4s								
MOS	II 25 09 08 23.6-79 49.94N 28.95W 10 4.6b,3.4s								
BJI	II 25 09 08 23.3 50.00N 29.00W 10 5.1b,4.8b								
IDC	II 25 09 08 23.5-55 50.01N 29.01W 0 4.3,4.2								
ISCJB	II 25 09 08 23.6-30 49.90N-05 28.96W-05 10 4.4b,3.8s								
NEIC	II 25 09 08 25.3-27 49.95N 28.95W 10 4.5b,3.8s								
NAO	II 25 09 08 42.0 51.02N 27.56W 33 4.5b,3.8s								
ISC	Event type ke.								
SZGRF	Northern Mid-Atlantic Ridge.								
CSEM	Event type ke. Error ellipse: s-maj=3.1km s-min=1.6km az=7.0.								
MOS	Error ellipse: s-maj=10.5km s-min=5.7km az=157.2.								
IDC	Error ellipse: s-maj=15.8km s-min=12.7km az=5.0.								
ISCJB	Event type ke. Error ellipse: s-maj=7.7km s-min=4.4km az=26.1.								
NEIC	Event type se. Error ellipse: s-maj=7.5km s-min=3.9km az=187.0.								
IDC	II 26 09 43 34.9-5.1 49.94N 30.03W 0 3.8,3.7b								
IDC	Error ellipse: s-maj=117.3km s-min=40.8km az=88.0.								
IDC	V 22 23 45 04.8-1.5 49.93N 28.99W 0 3.8,3.6								
IDC	Error ellipse: s-maj=39.2km s-min=28.4km az=33.0.								
IDC	V 23 03 57 23.5-1.3 26.36N 44.60W 0 4.0,3.7								
IDC	Error ellipse: s-maj=38.9km s-min=28.4km az=137.0.								
IDC	V 05 02 19 09.2-99 13.72N 45.56W 0 4.0,3.9								
IDC	Error ellipse: s-maj=31.2km s-min=25.0km az=109.0.								
ISC	V 06 07 09 23.5-36 43.68N-08 32.43W-04 10 4.4b,3.6s 219 22-157								
SZGRF	V 06 07 09 13.0 43.27N 32.41W 33 4.4b,3.6s								
BJI	V 06 07 09 20.2 43.60N 32.40W 10 5.0b,4.9b								
ISCJB	V 06 07 09 21.6-36 43.62N-08 32.47W-04 10 4.4b,3.6s								
IDC	V 06 07 09 21.8-56 43.61N 32.51W 0 4.3,4.2								
MOS	V 06 07 09 21.4-66 43.58N 32.48W 10 4.5b,4.2								
NEIC	V 06 07 09 23.3-23 43.60N 32.45W 10 4.5b,3.5s								
CSEM	V 06 07 09 25.0-06 43.63N 32.49W 36 4.5b,3.3s								
ISC	Event type ke.								
SZGRF	Northern Mid-Atlantic Ridge.								
ISCJB	Event type ke. Error ellipse: s-maj=11.6km s-min=4.0km az=1.8.								
IDC	Error ellipse: s-maj=17.0km s-min=11.3km az=6.0.								
MOS	Error ellipse: s-maj=9.3km s-min=6.7km az=45.5.								
NEIC	Event type se. Error ellipse: s-maj=7.5km s-min=2.4km az=180.0.								
CSEM	Event type ke.								
ISC	V 08 04 54 43.4-38 35.38N-09 36.31W-04 10 4.5b,3.9s 206 26-166								
IDC	V 08 04 54 41.3-59 35.31N 36.33W 0 4.3,4.3								
ISCJB	V 08 04 54 41.3-38 35.33N-09 36.34W-04 10 4.5b,3.9s								
MOS	V 08 04 54 41.1-75 35.29N 36.34W 10 4.8b,3.9s								
CSEM	V 08 04 54 43.0-08 35.36N 36.34W 23 4.9W,4.6b								
BJI	V 08 04 54 44.8 35.47N 36.85W 41 5.2b,5.2b								
NEIC	V 08 04 54 45.2-28 35.32N 36.32W 24 4.7b,3.9s								
HRVD	V 08 04 54 45.2-50 35.24N 36.52W 19-1 4.9W,3.9s								
SZGRF	V 08 04 54 51.5 35.16N 35.34W 33 4.2b,3.9s								
ISC	Event type ke.								
IDC	Error ellipse: s-maj=17.6km s-min=12.8km az=159.0.								
ISCJB	Event type ke. Error ellipse: s-maj=12.6km s-min=4.1km az=161.2.								
MOS	Error ellipse: s-maj=11.1km s-min=6.4km az=136.0.								
CSEM	Event type ke. Error ellipse: s-maj=5.2km s-min=1.6km az=169.0.								
NEIC	Event type se. Error ellipse: s-maj=9.4km s-min=3.1km az=170.0.								
HRVD	Error ellipse: s-maj=3.3km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14,c15; Mantle waves: s57,c81; Half duration: 0 Moment tensor; Scale 10 ¹⁶ Nm; M _{rr} -2.81±22 M _{θθ} 0.69±14; M _{φφ} 2.13±13; M _{rr} -1.75±41; M _{θθ} 0.68±0.97; M _{φφ} -0.15±24; Best double couple: NP1:φ=186.00000°; δ39.00000°; λ=123.00000°; NP2:φ=46.00000°; δ58.00000°; λ=66.00000°. Principal axes: T 2.5470,Plg10.0000°; Azm120.0000°; N 0.9980,Plg20.0000°; Azm213.0000°; P -3.5380,Plg67.0000°; Azm33.0000°; M3.04200×10 ¹⁶								
SZGRF	Northern Mid-Atlantic Ridge.								
ISC	V 08 11 39 37.1-40 27.10N-08 44.25W-06 10 4.3b,4.1s 62 19-92								
IDC	V 08 11 39 34.9-66 27.12N 44.38W 0 4.2,4.1								
ISCJB	V 08 11 39 35.3-40 27.07N-08 44.26W-06 10 4.3b,4.1s								
MOS	V 08 11 39 35.5-97 27.10N 44.27W 10 4.8b,4.1s								
NEIC	V 08 11 39 37.0-38 27.07N 44.25W 10 4.6b,4.1s								
ISC	Event type se.								
IDC	Error ellipse: s-maj=21.5km s-min=16.5km az=116.0.								
ISCJB	Event type se. Error ellipse: s-maj=11.4km s-min=7.5km az=134.2.								
MOS	Error ellipse: s-maj=17.6km s-min=9.1km az=57.2.								
NEIC	Event type se. Error ellipse: s-maj=11.3km s-min=7.0km az=154.0.								
IDC	I 16 01 17 54.6-2.2 31.01N 41.40W 0 4.1s,4.1								
IDC	Error ellipse: s-maj=79.7km s-min=32.0km az=17.0.								
IDC	I 16 05 12 42.4-2.0 30.91N 41.25W 0 3.8s,3.8								
IDC	Error ellipse: s-maj=65.8km s-min=26.5km az=16.0.								
IDC	I 16 07 46 41.0-2.0 32.77N 39.72W 0 3.8,3.6s								
IDC	Error ellipse: s-maj=94.7km s-min=26.2km az=35.0.								
IDC	I 20 03 07 09.6-2.6 30.49N 41.86W 0 3.9,3.6s								
IDC	Error ellipse: s-maj=136.8km s-min=27.5km az=29.0.								
IDC	I 22 22 47 57.1-1.5 52.17N 31.09W 0 4.0L,3.8								
IDC	Error ellipse: s-maj=46.8km s-min=23.9km az=40.0.								
IDC	I 28 08 49 34.0-1.8 29.05N 43.42W 0 4.0,3.6								
IDC	Error ellipse: s-maj=79.6km s-min=28.9km az=22.0.								
IDC	I 29 00 49 49.0-1.2 50.03N 29.05W 0 3.7s,3.6								
IDC	Error ellipse: s-maj=38.6km s-min=26.1km az=177.0.								
ISC	I 02 21 33 18.7-30 23.68N-06 44.85W-03 10 4.8b,4.4s 208 20-179								
MOS	I 02 21 33 15.9-83 23.57N 44.87W 10 5.1b,4.4s								

ISCJB	I 02 21 33 16.4-30 23.63N-06 44.87W-03 10 4.8b,4.4s								
IDC	I 02 21 33 16.9-65 23.73N 44.93W 0 4.6,4.6								
BJI	I 02 21 33 17.6 23.60N 44.90W 10 4.9s,4.9b								
NEIC	I 02 21 33 18.2-19 23.61N 44.85W 10 4.9b,4.5s								
HRVD	I 02 21 33 18.2-30 23.71N 44.94W 12-2 5.1W,4.5s								
SZGRF	I 02 21 33 27.5 24.41N 44.55W 33 4.9b,4.5s								
ISC	Event type se.								
MOS	Error ellipse: s-maj=8.9km s-min=4.8km az=46.2.								
ISCJB	Event type se. Error ellipse: s-maj=9.1km s-min=4.1km az=154.5.								
IDC	Error ellipse: s-maj=20.0km s-min=12.2km az=170.0.								
NEIC	Event type se. Error ellipse: s-maj=5.7km s-min=2.8km az=167.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s33,c42; Mantle waves: s49,c90; Half duration: 0 Moment tensor; Scale 10 ¹⁶ Nm; M _{rr} -0.75±21 M _{θθ} 1.72±20; M _{φφ} 2.47±23;								

CSEM	IV	23 06 25 37.3-97	37.48N	24.47W	10	2.6L,2.6L	
PDA	IV	23 06 25 37.3-97	37.48N	24.47W	10	3.1,2.6L	
SVSA	Event type ke. Error ellipse: s-maj=8.4km s-min=3.5km az=68.0.						
CSEM	Event type ke. Error ellipse: s-maj=8.4km s-min=3.5km az=68.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=8.4km s-min=3.5km az=68.0.						
SVSA	IV	17 01 44 33.4-1.6	37.41N	24.64W	5-0	3.1L,2.8	
CSEM	IV	17 01 44 33.4-1.6	37.41N	24.64W	5	3.1L,2.8	
PDA	IV	17 01 44 33.4-1.6	37.41N	24.64W	5	3.1L,2.8	
SVSA	Event type ke. Error ellipse: s-maj=9.1km s-min=4.1km az=71.0.						
CSEM	Event type ke. Error ellipse: s-maj=9.1km s-min=4.1km az=71.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=9.1km s-min=4.1km az=71.0.						
SVSA	IV	07 17 18 20.6-70	37.47N	24.56W	5-0	2.5L,2.3	
CSEM	IV	07 17 18 20.6-70	37.47N	24.56W	5	2.5L,2.3	
PDA	IV	07 17 18 20.6-70	37.47N	24.56W	5	2.5L,2.3	
SVSA	Event type ke. Error ellipse: s-maj=6.9km s-min=2.3km az=77.0.						
CSEM	Event type ke. Error ellipse: s-maj=6.9km s-min=2.3km az=77.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=6.9km s-min=2.3km az=77.0.						
SVSA	IV	13 13 22 03.4-1.2	36.74N	24.28W	10-0	2.9L,2.9	
CSEM	IV	13 13 22 03.4-1.2	36.74N	24.28W	10	2.9L,2.9	
PDA	IV	13 13 22 03.4-1.2	36.74N	24.28W	10	2.9,2.9L	
SVSA	Event type ke. Error ellipse: s-maj=8.8km s-min=5.0km az=58.0.						
CSEM	Event type ke. Error ellipse: s-maj=8.8km s-min=5.0km az=58.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=8.8km s-min=5.0km az=58.0.						
SVSA	II	28 23 14 50.4-91	37.10N	24.46W	5-0	2.9,2.6L	
CSEM	II	28 23 14 50.4-91	37.10N	24.46W	5	2.9,2.6L	
PDA	II	28 23 14 50.4-91	37.10N	24.46W	5	2.9,2.6L	
SVSA	Event type ke. Error ellipse: s-maj=6.1km s-min=3.6km az=86.0.						
CSEM	Event type ke. Error ellipse: s-maj=7.2km s-min=3.0km az=89.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=6.1km s-min=3.6km az=86.0.						
SVSA	III	16 16 51 08.4-66	37.30N	24.54W	5-0	2.5L,2.3	
CSEM	III	16 16 51 08.4-66	37.30N	24.54W	5	2.5L,2.3	
PDA	III	16 16 51 08.4-66	37.30N	24.54W	5	2.5L,2.3	
SVSA	Event type ke. Error ellipse: s-maj=5.8km s-min=2.1km az=85.0.						
CSEM	Event type ke. Error ellipse: s-maj=5.8km s-min=2.1km az=85.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=5.8km s-min=2.1km az=85.0.						
SVSA	III	28 20 11 26.9-51	37.26N	24.63W	5-0	2.5,2.3L	
CSEM	III	28 20 11 26.9-51	37.26N	24.63W	5	2.5,2.3L	
PDA	III	28 20 11 26.9-51	37.26N	24.63W	5	2.5,2.3L	
SVSA	Event type ke. Error ellipse: s-maj=3.8km s-min=1.6km az=86.0.						
CSEM	Event type ke. Error ellipse: s-maj=3.8km s-min=1.6km az=86.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=3.8km s-min=1.6km az=86.0.						
SVSA	III	29 09 15 29.6-56	37.50N	24.45W	10-0	2.8L,2.1	
CSEM	III	29 09 15 29.6-56	37.50N	24.45W	10	2.8L,2.1	
PDA	III	29 09 15 29.6-56	37.50N	24.45W	10	2.8L,2.1	
SVSA	Event type ke. Error ellipse: s-maj=4.8km s-min=2.0km az=71.0.						
CSEM	Event type ke. Error ellipse: s-maj=4.8km s-min=2.0km az=71.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=4.8km s-min=2.0km az=71.0.						
SVSA	III	19 18 15 21.6-52	37.10N	24.52W	5-0	2.6,2.2L	
CSEM	III	19 18 15 21.6-52	37.10N	24.52W	5	2.6,2.2L	
PDA	III	19 18 15 21.6-52	37.10N	24.52W	5	2.6,2.2L	
SVSA	Event type ke. Error ellipse: s-maj=4.4km s-min=2.1km az=95.0.						
CSEM	Event type ke. Error ellipse: s-maj=4.4km s-min=2.1km az=95.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=4.4km s-min=2.1km az=95.0.						
SVSA	III	01 14 35 36.9-73	37.07N	24.33W	10-0	3.1L,2.8	
CSEM	III	01 14 35 36.9-73	37.07N	24.33W	10	3.1L,2.8	
PDA	III	01 14 35 36.9-73	37.07N	24.33W	10	3.1L,2.8	
SVSA	Event type ke. Error ellipse: s-maj=4.9km s-min=2.8km az=59.0.						
CSEM	Event type ke. Error ellipse: s-maj=4.9km s-min=2.8km az=59.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=4.9km s-min=2.8km az=59.0.						
SVSA	III	02 11 13 49.0-83	36.96N	24.31W	10-0	2.7,2.4L	
CSEM	III	02 11 13 49.0-83	36.96N	24.31W	10	2.7,2.4L	
PDA	III	02 11 13 49.0-83	36.96N	24.31W	10	2.7,2.4L	
SVSA	Event type ke. Error ellipse: s-maj=9.0km s-min=4.7km az=89.0.						
CSEM	Event type ke. Error ellipse: s-maj=9.0km s-min=4.7km az=89.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=9.0km s-min=4.7km az=89.0.						
SVSA	III	01 14 36 39.1-98	37.05N	24.35W	10-0	4.0L,3.6	
CSEM	III	01 14 36 39.1-98	37.05N	24.35W	10	4.0L,3.6	
PDA	III	01 14 36 39.1-98	37.05N	24.35W	10	4.0L,3.6	
SVSA	Event type ke. Error ellipse: s-maj=5.5km s-min=3.3km az=53.0.						
CSEM	Event type ke. Error ellipse: s-maj=5.5km s-min=3.3km az=53.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=5.5km s-min=3.3km az=53.0.						
SVSA	III	02 00 05 04.9-70	37.04N	24.32W	5-0	3.0,2.7L	
CSEM	III	02 00 05 04.9-70	37.04N	24.32W	5	3.0,2.7L	
PDA	III	02 00 05 04.9-70	37.04N	24.32W	5	3.0,2.7L	
SVSA	Event type ke. Error ellipse: s-maj=4.4km s-min=3.0km az=70.0.						
CSEM	Event type ke. Error ellipse: s-maj=4.4km s-min=3.0km az=70.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=4.4km s-min=3.0km az=70.0.						
SVSA	III	29 09 50 06.3-43	37.48N	24.46W	10-0	3.0L	
CSEM	III	29 09 50 06.3-43	37.48N	24.46W	10	3.0L	
PDA	III	29 09 50 06.3-43	37.48N	24.46W	10	3.0L	
SVSA	Event type ke. Error ellipse: s-maj=4.4km s-min=1.5km az=72.0.						
CSEM	Event type ke. Error ellipse: s-maj=4.4km s-min=1.5km az=72.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=4.4km s-min=1.5km az=72.0.						
SVSA	III	01 18 17 06.9-58	37.04N	24.30W	10-0	2.9,2.4L	
CSEM	III	01 18 17 06.9-58	37.04N	24.30W	10	2.9,2.4L	
PDA	III	01 18 17 06.9-58	37.04N	24.30W	10	2.9,2.4L	
SVSA	Event type ke. Error ellipse: s-maj=4.4km s-min=3.0km az=73.0.						
CSEM	Event type ke. Error ellipse: s-maj=4.4km s-min=3.0km az=73.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=4.4km s-min=3.0km az=73.0.						
SVSA	III	01 23 47 57.3-86	37.01N	24.30W	5-0	2.9,2.5L	
CSEM	III	01 23 47 57.3-86	37.01N	24.30W	5	2.9,2.5L	
PDA	III	01 23 47 57.3-86	37.01N	24.30W	5	2.9,2.5L	
SVSA	Event type ke. Error ellipse: s-maj=6.1km s-min=4.2km az=78.0.						
CSEM	Event type ke. Error ellipse: s-maj=6.1km s-min=4.2km az=78.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=6.1km s-min=4.2km az=78.0.						
SVSA	II	13 03 21 06.2-3.6	36.82N	32.92W	0	3.9,3.8s	
NAO	II	13 03 21 31.1	38.00N	30.25W	33	3.7b,3.8s	
IDC	Error ellipse: s-maj=110.2km s-min=25.8km az=176.0.						
SVSA	IV	22 04 51 11.3-74	37.15N	24.47W	0-0	2.9,2.3L	
CSEM	IV	22 04 51 11.3-74	37.15N	24.47W	0	2.9,2.3L	
PDA	IV	22 04 51 11.3-74	37.15N	24.47W	0	2.9,2.3L	
SVSA	Event type ke. Error ellipse: s-maj=4.2km s-min=2.8km az=72.0.						
CSEM	Event type ke. Error ellipse: s-maj=4.2km s-min=2.8km az=72.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=4.2km s-min=2.8km az=72.0.						
SVSA	II	18 21 25 01.9-50	37.25N	24.59W	15-0	2.5L,2.5	
CSEM	II	18 21 25 01.9-50	37.25N	24.59W	15	2.5L,2.5	
PDA	II	18 21 25 01.9-50	37.25N	24.59W	15	2.5,2.5L	
SVSA	Event type ke. Error ellipse: s-maj=4.7km s-min=1.7km az=84.0.						
CSEM	Event type ke. Error ellipse: s-maj=17.6km s-min=4.3km az=80.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=4.7km s-min=1.7km az=84.0.						
IDC	IV	08 02 59 51.7-3.8	37.20N	32.77W	0	3.4s,3.4	
IDC	Error ellipse: s-maj=75.8km s-min=29.4km az=90.0.						
SVSA	V	14 20 31 32.3-64	36.74N	24.21W	10-0	2.8,2.5L	
CSEM	V	14 20 31 32.3-64	36.74N	24.21W	10	2.8,2.5L	
PDA	V	14 20 31 32.3-64	36.74N	24.21W	10	2.8,2.5L	
SVSA	Event type ke. Error ellipse: s-maj=6.9km s-min=4.0km az=64.0.						
CSEM	Event type ke. Error ellipse: s-maj=6.9km s-min=4.0km az=64.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=6.9km s-min=4.0km az=64.0.						
SVSA	V	17 03 58 40.4-1.0	37.49N	24.82W	10-0	3.0,2.8L	
CSEM	V	17 03 58 40.4-1.0	37.49N	24.82W	10	3.0,2.8L	
PDA	V	17 03 58 40.4-1.0	37.49N	24.82W	10	3.0,2.8L	
SVSA	Event type ke. Error ellipse: s-maj=5.5km s-min=2.3km az=63.0.						
CSEM	Event type ke. Error ellipse: s-maj=5.5km s-min=2.3km az=63.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=5.5km s-min=2.3km az=63.0.						
SVSA	V	31 08 19 28.4-1.2	40.57N	29.25W	10-0	3.8,3.0L	
CSEM	V	31 08 19 28.4-1.2	40.57N	29.25W	10	3.0L,3.0L	
PDA	V	31 08 19 28.4-1.2	40.57N	29.25W	10	3.8,3.0L	
SVSA	Event type ke. Error ellipse: s-maj=11.4km s-min=4.6km az=89.0.						
CSEM	Event type ke. Error ellipse: s-maj=11.4km s-min=4.6km az=89.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=11.4km s-min=4.6km az=89.0.						

SVSA	V	29 09 27 28.2-1.4	36.70N	29.93W	5-0	3.5L,3.5	
PDA	V	29 09 27 28.2-1.4	36.70N	29.93W	5	3.5,3.5L	
CSEM	V	29 09 27 28.2-1.4	36.70N	29.93W	5	3.5L,3.5L	
SVSA	Event type ke. Error ellipse: s-maj=15.3km s-min=5.5km az=49.0.						After PDA.
CSEM	Event type ke. Error ellipse: s-maj=15.3km s-min=5.5km az=49.0.						
PDA	Event type ke. Error ellipse: s-maj=15.3km s-min=5.5km az=49.0.						
SVSA	I	25 23 45 17.6-1.1	36.84N	24.35W	0-0	3.7L,3.0	
CSEM	I	25 23 45 17.6-1.1	36.84N	24.35W	0	3.7L,3.0	
PDA	I	25 23 45 17.6-1.1	36.84N	24.35W	0	3.7L,3.0	
SVSA	Event type ke. Error ellipse: s-maj=7.9km s-min=3.6km az=54.0.						
CSEM	Event type ke. Error ellipse: s-maj=4.8km s-min=2.9km az=54.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=7.9km s-min=3.6km az=54.0.						
SVSA	I	13 15 46 07.0-1.5	36.83N	23.04W	10-0	4.3L,3.7	
CSEM	I	13 15 46 07.0-1.5	36.83N	23.04W	10	4.3L,3.7	
PDA	I	13 15 46 07.0-1.5	36.83N	23.04W	10	4.3L,3.7	
SVSA	Event type ke. Error ellipse: s-maj=18.7km s-min=5.1km az=35.0.						
CSEM	Event type ke. Error ellipse: s-maj=18.7km s-min=5.1km az=35.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=18.7km s-min=5.1km az=35.0.						
IDC	I	01 13 36 30.4-3.5	36.21N	33.51W	0	4.0,3.7s	
IDC	Error ellipse: s-maj=98.8km s-min=40.1km az=170.0.						
IDC	I	01 14 30 08.2-1.4	36.40N	33.60W	0	4.0,3.7	
IDC	Error ellipse: s-maj=44.3km s-min=31.6km az=119.0.						
SVSA	VI	28 07 09 54.8-1.2	36.91N	24.34W	10-0	2.5,2.4L	
CSEM	VI	28 07 09 54.8-1.2	36.91N	24.34W	10	2.4L,2.4L	
PDA	VI	28 07 09 54.8-1.2	36.91N	24.34W	10	2.5,2.4L	
SVSA	Event type ke. Error ellipse: s-maj=10.7km s-min=6.4km az=80.0.						
CSEM	Event type ke. Error ellipse: s-maj=10.7km s-min=6.4km az=80.0.						After PDA.
PDA	Event type ke. Error ellipse: s-maj=10.7km s-min=6.4km az=80.0.						
SVSA	VI	20 1					

SVSA	Event type ke. Error ellipse: s-maj=3.0km s-min=2.3km az=153.0.				
CSEM	Event type ke. Error ellipse: s-maj=3.0km s-min=2.3km az=153.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=3.0km s-min=2.3km az=153.0.				
SVSA	IV 18 04 38 07.8-81 38.59N 28.62W 5-0 2.8,1.2L				
CSEM	IV 18 04 38 07.8-81 38.59N 28.62W 5 1.2L,1.2L				
PDA	IV 18 04 38 07.8-81 38.59N 28.62W 5 2.8,1.2L				
SVSA	Event type ke. Error ellipse: s-maj=2.6km s-min=1.9km az=152.0.				
CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=1.9km az=152.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=2.6km s-min=1.9km az=152.0.				
SVSA	IV 18 16 37 14.5-75 38.61N 28.55W 10-0 2.7,1.4L				
CSEM	IV 18 16 37 14.5-75 38.61N 28.55W 10 1.4L,1.4L				
PDA	IV 18 16 37 14.5-75 38.61N 28.55W 10 2.7,1.4L				
SVSA	Event type ke. Error ellipse: s-maj=2.7km s-min=1.7km az=167.0.				
CSEM	Event type ke. Error ellipse: s-maj=2.7km s-min=1.7km az=167.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=2.7km s-min=1.7km az=167.0.				
SVSA	IV 19 06 15 22.7-1.9 38.87N 29.17W 0-15 3.3,2.1L				
CSEM	IV 19 06 15 22.7-1.9 38.87N 29.17W 0-15 2.1L,2.1L				
PDA	IV 19 06 15 22.7-1.9 38.87N 29.17W 0-15 3.3,2.1L				
SVSA	Event type ke. Error ellipse: s-maj=26.3km s-min=9.9km az=86.0.				
CSEM	Event type ke. Error ellipse: s-maj=26.3km s-min=9.9km az=86.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=26.3km s-min=9.9km az=86.0.				
SVSA	IV 19 08 07 34.1-1.0 38.68N 28.58W 4-6 2.8,1.2L				
CSEM	IV 19 08 07 34.1-1.0 38.68N 28.58W 4-6 1.2L,1.2L				
PDA	IV 19 08 07 34.1-1.0 38.68N 28.58W 4-6 2.8,1.2L				
SVSA	Event type ke. Error ellipse: s-maj=3.3km s-min=1.7km az=158.0.				
CSEM	Event type ke. Error ellipse: s-maj=3.3km s-min=1.7km az=158.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=3.3km s-min=1.7km az=158.0.				
SVSA	IV 20 05 31 29.3-72 38.67N 28.59W 12-9 2.7,0.9L				
CSEM	IV 20 05 31 29.3-72 38.67N 28.59W 12-9 0.9L,0.9L				
PDA	IV 20 05 31 29.3-72 38.67N 28.59W 12-9 2.7,0.9L				
SVSA	Event type ke. Error ellipse: s-maj=3.6km s-min=3.4km az=153.0.				
CSEM	Event type ke. Error ellipse: s-maj=3.6km s-min=3.4km az=153.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=3.6km s-min=3.4km az=153.0.				
SVSA	IV 20 06 17 00.3-1.3 38.94N 29.39W 0-0 3.3,2.3L				
CSEM	IV 20 06 17 00.3-1.3 38.94N 29.39W 0 2.3L,2.3L				
PDA	IV 20 06 17 00.3-1.3 38.94N 29.39W 0 3.3,2.3L				
SVSA	Event type ke. Error ellipse: s-maj=10.9km s-min=7.4km az=53.0.				
CSEM	Event type ke. Error ellipse: s-maj=10.9km s-min=7.4km az=53.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=10.9km s-min=7.4km az=53.0.				
SVSA	IV 20 09 50 08.4-43 38.88N 29.36W 0-9 3.3,2.2L				
CSEM	IV 20 09 50 08.4-43 38.88N 29.36W 0-9 2.2L,2.2L				
PDA	IV 20 09 50 08.4-43 38.88N 29.36W 0-9 3.3,2.2L				
SVSA	Event type ke. Error ellipse: s-maj=14.3km s-min=4.8km az=80.0.				
CSEM	Event type ke. Error ellipse: s-maj=14.3km s-min=4.8km az=80.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=14.3km s-min=4.8km az=80.0.				
SVSA	IV 21 10 49 21.0-97 38.26N 26.72W 2-4 2.5,2.3L				
CSEM	IV 21 10 49 21.0-97 38.26N 26.72W 2-4 2.3L,2.3L				
PDA	IV 21 10 49 21.0-97 38.26N 26.72W 2-4 2.5,2.3L				
SVSA	Event type ke. Error ellipse: s-maj=3.2km s-min=2.7km az=37.0.				
CSEM	Event type ke. Error ellipse: s-maj=3.2km s-min=2.7km az=37.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=3.2km s-min=2.7km az=37.0.				
SVSA	IV 21 11 35 03.4-1.5 38.29N 26.72W 1-4 2.8L,2.8L				
CSEM	IV 21 11 35 03.4-1.5 38.29N 26.72W 1-4 2.8L,2.8L				
PDA	IV 21 11 35 03.4-1.5 38.29N 26.72W 1-4 2.8L,2.8L				
SVSA	Event type ke. Error ellipse: s-maj=4.4km s-min=2.0km az=38.0.				
CSEM	Event type ke. Error ellipse: s-maj=4.4km s-min=2.0km az=38.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=4.4km s-min=2.0km az=38.0.				
SVSA	IV 21 17 14 04.7-85 39.28N 28.65W 10-0 3.4,1.8L				
CSEM	IV 21 17 14 04.7-85 39.28N 28.65W 10 1.8L,1.8L				
PDA	IV 21 17 14 04.7-85 39.28N 28.65W 10 3.4,1.8L				
SVSA	Event type ke. Error ellipse: s-maj=6.8km s-min=4.5km az=123.0.				
CSEM	Event type ke. Error ellipse: s-maj=6.8km s-min=4.5km az=123.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=6.8km s-min=4.5km az=123.0.				
SVSA	IV 23 09 45 54.6-80 38.57N 29.49W 10-0 3.3,2.4L				
CSEM	IV 23 09 45 54.6-80 38.57N 29.49W 10 2.4L,2.4L				
PDA	IV 23 09 45 54.6-80 38.57N 29.49W 10 3.3,2.4L				
SVSA	Event type ke. Error ellipse: s-maj=14.2km s-min=7.0km az=6.0.				
CSEM	Event type ke. Error ellipse: s-maj=14.2km s-min=7.0km az=6.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=14.2km s-min=7.0km az=6.0.				
SVSA	IV 23 20 22 25.7-87 38.61N 28.60W 10-0 2.7,1.1L				
CSEM	IV 23 20 22 25.7-87 38.61N 28.60W 10 1.1L,1.1L				
PDA	IV 23 20 22 25.7-87 38.61N 28.60W 10 2.7,1.1L				
SVSA	Event type ke. Error ellipse: s-maj=4.3km s-min=3.1km az=7.0.				
CSEM	Event type ke. Error ellipse: s-maj=4.3km s-min=3.1km az=7.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=4.3km s-min=3.1km az=7.0.				
SVSA	IV 24 15 46 28.4-99 38.83N 28.29W 5-5 2.6,1.3L				
CSEM	IV 24 15 46 28.4-99 38.83N 28.29W 5-5 1.3L,1.3L				
PDA	IV 24 15 46 28.4-99 38.83N 28.29W 5-5 2.6,1.3L				
SVSA	Event type ke. Error ellipse: s-maj=4.3km s-min=2.3km az=97.0.				
CSEM	Event type ke. Error ellipse: s-maj=4.3km s-min=2.3km az=97.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=4.3km s-min=2.3km az=97.0.				
SVSA	IV 15 20 06 38.8-1.1 39.04N 29.26W 0-0 3.3,2.0L				
CSEM	IV 15 20 06 38.8-1.1 39.04N 29.26W 0 2.0L,2.0L				
PDA	IV 15 20 06 38.8-1.1 39.04N 29.26W 0 3.3,2.0L				
SVSA	Event type ke. Error ellipse: s-maj=15.0km s-min=8.2km az=65.0.				
CSEM	Event type ke. Error ellipse: s-maj=15.0km s-min=8.2km az=65.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=15.0km s-min=8.2km az=65.0.				
SVSA	IV 25 15 14 13.6-1.3 38.65N 28.58W 6-5 3.0,2.1L				
CSEM	IV 25 15 14 13.6-1.3 38.65N 28.58W 6-5 2.1L,2.1L				
PDA	IV 25 15 14 13.6-1.3 38.65N 28.58W 6-5 3.0,2.1L				
SVSA	Event type ke. Error ellipse: s-maj=3.2km s-min=2.7km az=40.0.				
CSEM	Event type ke. Error ellipse: s-maj=3.2km s-min=2.7km az=40.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=3.2km s-min=2.7km az=40.0.				
SVSA	IV 16 00 12 18.9-92 38.85N 29.17W 0-9 3.1,1.9L				
CSEM	IV 16 00 12 18.9-92 38.85N 29.17W 0-9 1.9L,1.9L				
PDA	IV 16 00 12 18.9-92 38.85N 29.17W 0-9 3.1,1.9L				
SVSA	Event type ke. Error ellipse: s-maj=16.8km s-min=6.0km az=78.0.				
CSEM	Event type ke. Error ellipse: s-maj=16.8km s-min=6.0km az=78.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=16.8km s-min=6.0km az=78.0.				
SVSA	IV 19 14 46 55.0-1.3 38.95N 29.33W 0-0 3.6,2.6L				
CSEM	IV 19 14 46 55.0-1.3 38.95N 29.33W 0 3.6,2.6L				
PDA	IV 19 14 46 55.0-1.3 38.95N 29.33W 0 2.6L,2.6L				
SVSA	Event type ke. Error ellipse: s-maj=11.7km s-min=7.4km az=49.0.				
CSEM	Event type ke. Error ellipse: s-maj=11.7km s-min=7.4km az=49.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=11.7km s-min=7.4km az=49.0.				
SVSA	IV 03 10 31 28.8-95 39.89N 29.94W 0-0 3.6,2.8L				
CSEM	IV 03 10 31 28.8-95 39.89N 29.94W 0 2.8L,2.8L				
PDA	IV 03 10 31 28.8-95 39.89N 29.94W 0 3.6,2.8L				
SVSA	Event type ke. Error ellipse: s-maj=33.3km s-min=5.5km az=57.0.				
CSEM	Event type ke. Error ellipse: s-maj=33.3km s-min=5.5km az=57.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=33.3km s-min=5.5km az=57.0.				
SVSA	IV 04 19 38 35.8-1.1 38.01N 26.53W 0-5 2.5,2.4L				
CSEM	IV 04 19 38 35.8-1.1 38.01N 26.53W 0-5 2.4L,2.4L				
PDA	IV 04 19 38 35.8-1.1 38.01N 26.53W 0-5 2.5,2.4L				
SVSA	Event type ke. Error ellipse: s-maj=7.9km s-min=1.5km az=37.0.				
CSEM	Event type ke. Error ellipse: s-maj=7.9km s-min=1.5km az=37.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=7.9km s-min=1.5km az=37.0.				
SVSA	IV 05 00 18 04.7-1.0 38.03N 26.28W 6-6 2.5,2.1L				
CSEM	IV 05 00 18 04.7-1.0 38.03N 26.28W 6-6 2.1L,2.1L				
PDA	IV 05 00 18 04.7-1.0 38.03N 26.28W 6-6 2.5,2.1L				
SVSA	Event type ke. Error ellipse: s-maj=10.2km s-min=1.8km az=41.0.				
CSEM	Event type ke. Error ellipse: s-maj=10.2km s-min=1.8km az=41.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=10.2km s-min=1.8km az=41.0.				
SVSA	IV 06 22 59 42.0-54 38.63N 29.15W 1-4 2.9,1.7L				
CSEM	IV 06 22 59 42.0-54 38.63N 29.15W 1-4 1.7L,1.7L				
PDA	IV 06 22 59 42.0-54 38.63N 29.15W 1-4 2.9,1.7L				
SVSA	Event type ke. Error ellipse: s-maj=6.6km s-min=4.1km az=51.0.				
CSEM	Event type ke. Error ellipse: s-maj=6.6km s-min=4.1km az=51.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=6.6km s-min=4.1km az=51.0.				
SVSA	IV 10 17 35 37.7-93 38.75N 29.22W 3-4 3.1,2.2L				
CSEM	IV 10 17 35 37.7-93 38.75N 29.22W 3-4 2.2L,2.2L				

PDA	IV 10 17 35 37.7-93 38.75N 29.22W 3-4 3.1,2.2L				
SVSA	Event type ke. Error ellipse: s-maj=13.0km s-min=5.1km az=35.0.				
CSEM	Event type ke. Error ellipse: s-maj=13.0km s-min=5.1km az=35.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=13.0km s-min=5.1km az=35.0.				
SVSA	IV 19 21 40 34.7-62 38.60N 29.26W 1-4 3.2,2.0L				
CSEM	IV 19 21 40 34.7-62 38.60N 29.26W 1-4 2.0L,2.0L				
PDA	IV 19 21 40 34.7-62 38.60N 29.26W 1-4 3.2,2.0L				
SVSA	Event type ke. Error ellipse: s-maj=8.9km s-min=5.6km az=8.0.				
CSEM	Event type ke. Error ellipse: s-maj=8.9km s-min=5.6km az=8.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=8.9km s-min=5.6km az=8.0.				
SVSA	IV 11 22 47 52.4-89 39.02N 28.15W 13-14 2.9,1.3L				
CSEM	IV 11 22 47 52.4-89 39.02N 28.15W 13-14 1.3L,1.3L				
PDA	IV 11 22 47 52.4-89 39.02N 28.15W 13-14 2.9,1.3L				
SVSA	Event type ke. Error ellipse: s-maj=9.9km s-min=6.8km az=125.0.				
CSEM	Event type ke. Error ellipse: s-maj=9.9km s-min=6.8km az=125.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=9.9km s-min=6.8km az=125.0.				
SVSA	IV 12 04 12 43.1-79 38.53N 29.23W 6-10 3.0,1.9L				
CSEM	IV 12 04 12 43.1-79 38.53N 29.23W 6-10 1.9L,1.9L				
PDA	IV 12 04 12 43.1-79 38.53N 29.23W 6-10 3.0,1.9L				
SVSA	Event type ke. Error ellipse: s-maj=9.9km s-min=9.2km az=112.0.				
CSEM	Event type ke. Error ellipse: s-maj=9.9km s-min=9.2km az=112.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=9.9km s-min=9.2km az=112.0.				
SVSA	IV 12 08 31 39.1-87 38.57N 29.27W 9-5 3.2,2.2L				
CSEM	IV 12 08 31 39.1-87 38.57N 29.27W 9-5 2.2L,2.2L				
PDA	IV 12 08 31 39.1-87 38.57N 29.27W 9-5 3.2,2.2L				
SVSA	Event type ke. Error ellipse: s-maj=12.1km s-min=7.0km az=6.0.				
CSEM	Event type ke. Error ellipse: s-maj=12.1km s-min=7.0km az=6.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=12.1km s-min=7.0km az=6.0.				
SVSA	IV 12 15 48 00.5-1.7 38.85N 29.15W 5-0 3.3L,3.3				
CSEM	IV 12 15 48 00.5-1.7 38.85N 29.15W 5 3.3L,3.3				
PDA	IV 12 15 48 00.5-1.7 38.85N 29.15W 5 3.3,3.3L				
SVSA	Event type ke. Error ellipse: s-maj=6.3km s-min=5.2km az=99.0.				
CSEM	Event type ke. Error ellipse: s-maj=6.3km s-min=5.2km az=99.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=6.3km s-min=5.2km az=99.0.				
SVSA	IV 12 15 53 10.0-1.2 38.79N 28.89W 5-0 2.9,1.5L				
CSEM	IV 12 15 53 10.0-1.2 38.79N 28.89W 5 1.5L,1.5L				
PDA	IV 12 15 53 10.0-1.2 38.79N 28.89W 5 2.9,1.5L				
SVSA	Event type ke. Error ellipse: s-maj=18.1km s-min=8.8km az=56.0.				
CSEM	Event type ke. Error ellipse: s-maj=18.1km s-min=8.8km az=56.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=18.1km s-min=8.8km az=56.0.				
SVSA	IV 12 18 15 33.2-1.2 38.89N 29.10W 0-11 3.2,2.2L				
CSEM	IV 12 18 15 33.2-1.2 38.89N 29.10W 0-11 2.2L,2.2L				
PDA	IV 12 18 15 33.2-1.2 38.89N 29.10W 0-11 3.2,2.2L				

CSEM	III	13 22 18 21.7-60	38.60N	28.58W	13-6	1.3L,1.3L
PDA	III	13 22 18 21.7-60	38.60N	28.58W	13-6	2.9,1.3L
SVSA	Event type ke. Error ellipse: s-maj=2.9km s-min=2.8km az=43.0.					
CSEM	Event type ke. Error ellipse: s-maj=2.9km s-min=2.8km az=43.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=2.9km s-min=2.8km az=43.0.					
SVSA	III	13 23 17 08.9-48	38.49N	28.37W	5-4	2.9,1.7L
CSEM	III	13 23 17 08.9-48	38.49N	28.37W	5-4	1.7L,1.7L
PDA	III	13 23 17 08.9-48	38.49N	28.37W	5-4	2.9,1.7L
SVSA	Event type ke. Error ellipse: s-maj=3.6km s-min=2.6km az=58.0.					
CSEM	Event type ke. Error ellipse: s-maj=3.6km s-min=2.6km az=58.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=3.6km s-min=2.6km az=58.0.					
SVSA	III	14 02 16 49.4-69	38.56N	28.58W	15-0	2.8
CSEM	III	14 02 16 49.4-69	38.56N	28.58W	15	2.8
PDA	III	14 02 16 49.4-69	38.56N	28.58W	15	2.8
SVSA	Event type ke. Error ellipse: s-maj=4.0km s-min=2.6km az=167.0.					
CSEM	Event type ke. Error ellipse: s-maj=4.0km s-min=2.6km az=167.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=4.0km s-min=2.6km az=167.0.					
SVSA	III	14 06 29 23.8-10	38.66N	29.10W	5-0	3.0,1.9L
CSEM	III	14 06 29 23.8-10	38.66N	29.10W	5	1.9L,1.9L
PDA	III	14 06 29 23.8-10	38.66N	29.10W	5	3.0,1.9L
SVSA	Event type ke. Error ellipse: s-maj=8.4km s-min=6.8km az=32.0.					
CSEM	Event type ke. Error ellipse: s-maj=8.4km s-min=6.8km az=32.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=8.4km s-min=6.8km az=32.0.					
SVSA	III	17 08 28 20.1-1.3	39.00N	29.31W	10-0	3.1,2.4L
CSEM	III	17 08 28 20.1-1.3	39.00N	29.31W	10	2.4L,2.4L
PDA	III	17 08 28 20.1-1.3	39.00N	29.31W	10	3.1,2.4L
SVSA	Event type ke. Error ellipse: s-maj=14.3km s-min=9.3km az=60.0.					
CSEM	Event type ke. Error ellipse: s-maj=14.3km s-min=9.3km az=60.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=14.3km s-min=9.3km az=60.0.					
SVSA	III	17 21 39 47.0-95	38.66N	28.61W	7-6	2.7,1.4L
CSEM	III	17 21 39 47.0-95	38.66N	28.61W	7-6	1.4L,1.4L
PDA	III	17 21 39 47.0-95	38.66N	28.61W	7-6	2.7,1.4L
SVSA	Event type ke. Error ellipse: s-maj=4.7km s-min=3.3km az=67.0.					
CSEM	Event type ke. Error ellipse: s-maj=4.7km s-min=3.3km az=67.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=4.7km s-min=3.3km az=67.0.					
SVSA	III	18 17 41 33.9-55	39.05N	29.13W	10-0	3.2,2.2L
CSEM	III	18 17 41 33.9-55	39.05N	29.13W	10	2.2L,2.2L
PDA	III	18 17 41 33.9-55	39.05N	29.13W	10	3.2,2.2L
SVSA	Event type ke. Error ellipse: s-maj=7.2km s-min=4.6km az=75.0.					
CSEM	Event type ke. Error ellipse: s-maj=7.2km s-min=4.6km az=75.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=7.2km s-min=4.6km az=75.0.					
SVSA	III	20 01 34 50.0-1.5	38.76N	29.85W	10-0	3.3,2.3L
CSEM	III	20 01 34 50.0-1.5	38.76N	29.85W	10	2.3L,2.3L
PDA	III	20 01 34 50.0-1.5	38.76N	29.85W	10	3.3,2.3L
SVSA	Event type ke. Error ellipse: s-maj=25.8km s-min=13.6km az=17.0.					
CSEM	Event type ke. Error ellipse: s-maj=25.8km s-min=13.6km az=17.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=25.8km s-min=13.6km az=17.0.					
SVSA	III	20 01 49 01.1-1.4	38.66N	29.76W	5-0	3.6,3.1L
CSEM	III	20 01 49 01.1-1.4	38.66N	29.76W	5	3.1L,3.1L
PDA	III	20 01 49 01.1-1.4	38.66N	29.76W	5	3.6,3.1L
SVSA	Event type ke. Error ellipse: s-maj=8.9km s-min=5.0km az=156.0.					
CSEM	Event type ke. Error ellipse: s-maj=8.9km s-min=5.0km az=156.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=8.9km s-min=5.0km az=156.0.					
SVSA	III	21 03 44 21.1-1.3	38.61N	28.49W	7-3	2.8,2.4L
CSEM	III	21 03 44 21.1-1.3	38.61N	28.49W	7-3	2.4L,2.4L
PDA	III	21 03 44 21.1-1.3	38.61N	28.49W	7-3	2.8,2.4L
SVSA	Event type ke. Error ellipse: s-maj=3.0km s-min=2.3km az=36.0.					
CSEM	Event type ke. Error ellipse: s-maj=3.0km s-min=2.3km az=36.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=3.0km s-min=2.3km az=36.0.					
SVSA	III	22 03 04 15.4-93	39.57N	29.67W	5-0	3.3,2.9L
CSEM	III	22 03 04 15.4-93	39.57N	29.67W	5	2.9L,2.9L
PDA	III	22 03 04 15.4-93	39.57N	29.67W	5	3.3,2.9L
SVSA	Event type ke. Error ellipse: s-maj=20.3km s-min=6.4km az=57.0.					
CSEM	Event type ke. Error ellipse: s-maj=20.3km s-min=6.4km az=57.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=20.3km s-min=6.4km az=57.0.					
SVSA	III	22 44 51.1-82	38.62N	28.57W	5-4	2.6,1.9L
CSEM	III	22 44 51.1-82	38.62N	28.57W	5-4	1.9L,1.9L
PDA	III	22 44 51.1-82	38.62N	28.57W	5-4	2.6,1.9L
SVSA	Event type ke. Error ellipse: s-maj=2.3km s-min=1.6km az=165.0.					
CSEM	Event type ke. Error ellipse: s-maj=2.3km s-min=1.6km az=165.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=2.3km s-min=1.6km az=165.0.					
SVSA	III	20 02 14 21.5-53	38.72N	29.79W	5-0	3.4,2.5L
CSEM	III	20 02 14 21.5-53	38.72N	29.79W	5	2.5L,2.5L
PDA	III	20 02 14 21.5-53	38.72N	29.79W	5	3.4,2.5L
SVSA	Event type ke. Error ellipse: s-maj=11.5km s-min=4.3km az=8.0.					
CSEM	Event type ke. Error ellipse: s-maj=11.5km s-min=4.3km az=8.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=11.5km s-min=4.3km az=8.0.					
SVSA	III	05 10 04 08.0-33	38.63N	28.47W	10-0	2.6,1.0L
CSEM	III	05 10 04 08.0-33	38.63N	28.47W	10	1.0L,1.0L
PDA	III	05 10 04 08.0-33	38.63N	28.47W	10	2.6,1.0L
SVSA	Event type ke. Error ellipse: s-maj=1.9km s-min=0.9km az=106.0.					
CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=0.9km az=106.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=1.9km s-min=0.9km az=106.0.					
SVSA	III	05 15 36 01.6-69	39.44N	29.67W	5-0	3.5,2.8L
CSEM	III	05 15 36 01.6-69	39.44N	29.67W	5	2.8L,2.8L
PDA	III	05 15 36 01.6-69	39.44N	29.67W	5	3.5,2.8L
SVSA	Event type ke. Error ellipse: s-maj=28.3km s-min=5.8km az=60.0.					
CSEM	Event type ke. Error ellipse: s-maj=28.3km s-min=5.8km az=60.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=28.3km s-min=5.8km az=60.0.					
SVSA	III	05 16 46 26.0-82	38.64N	28.54W	15-0	2.8,1.9L
CSEM	III	05 16 46 26.0-82	38.64N	28.54W	15	1.9L,1.9L
PDA	III	05 16 46 26.0-82	38.64N	28.54W	15	2.8,1.9L
SVSA	Event type ke. Error ellipse: s-maj=3.0km s-min=2.1km az=170.0.					
CSEM	Event type ke. Error ellipse: s-maj=3.0km s-min=2.1km az=170.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=3.0km s-min=2.1km az=170.0.					
SVSA	III	07 08 58 05.2-88	38.58N	28.48W	14-2	2.7,1.7L
CSEM	III	07 08 58 05.2-88	38.58N	28.48W	14-2	1.7L,1.7L
PDA	III	07 08 58 05.2-88	38.58N	28.48W	14-2	2.7,1.7L
SVSA	Event type ke. Error ellipse: s-maj=2.4km s-min=1.7km az=21.0.					
CSEM	Event type ke. Error ellipse: s-maj=2.4km s-min=1.7km az=21.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=2.4km s-min=1.7km az=21.0.					
SVSA	III	08 11 56 21.7-73	38.68N	28.60W	5-0	2.8,1.5L
CSEM	III	08 11 56 21.7-73	38.68N	28.60W	5	1.5L,1.5L
PDA	III	08 11 56 21.7-73	38.68N	28.60W	5	2.8,1.5L
SVSA	Event type ke. Error ellipse: s-maj=2.7km s-min=1.7km az=151.0.					
CSEM	Event type ke. Error ellipse: s-maj=2.7km s-min=1.7km az=151.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=2.7km s-min=1.7km az=151.0.					
SVSA	III	01 01 14 20.1-59	39.15N	28.51W	5-0	3.2,2.2L
CSEM	III	01 01 14 20.1-59	39.15N	28.51W	5	2.2L,2.2L
PDA	III	01 01 14 20.1-59	39.15N	28.51W	5	3.2,2.2L
SVSA	Event type ke. Error ellipse: s-maj=5.7km s-min=2.1km az=148.0.					
CSEM	Event type ke. Error ellipse: s-maj=5.7km s-min=2.1km az=148.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=5.7km s-min=2.1km az=148.0.					
SVSA	III	06 06 11 28.0-55	37.76N	25.46W	2-2	2.8,2.4L
CSEM	III	06 06 11 28.0-55	37.76N	25.46W	2-2	2.4L,2.4L
PDA	III	06 06 11 28.0-55	37.76N	25.46W	2-2	2.8,2.4L
SVSA	Event type ke. Error ellipse: s-maj=1.0km s-min=0.8km az=17.0.					
CSEM	Event type ke. Error ellipse: s-maj=1.0km s-min=0.8km az=17.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=1.0km s-min=0.8km az=17.0.					
SVSA	III	18 10 13 23.2-69	38.75N	28.96W	6-3	3.0,1.5L
CSEM	III	18 10 13 23.2-69	38.75N	28.96W	6-3	1.5L,1.5L
PDA	III	18 10 13 23.2-69	38.75N	28.96W	6-3	3.0,1.5L
SVSA	Event type ke. Error ellipse: s-maj=7.0km s-min=3.7km az=74.0.					
CSEM	Event type ke. Error ellipse: s-maj=7.0km s-min=3.7km az=74.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=7.0km s-min=3.7km az=74.0.					
SVSA	III	20 03 11 16.6-99	38.72N	29.25W	5-0	3.4,2.3L
CSEM	III	20 03 11 16.6-99	38.72N	29.25W	5	2.3L,2.3L
PDA	III	20 03 11 16.6-99	38.72N	29.25W	5	3.4,2.3L
SVSA	Event type ke. Error ellipse: s-maj=10.8km s-min=5.6km az=25.0.					
CSEM	Event type ke. Error ellipse: s-maj=10.8km s-min=5.6km az=25.0.					After PDA.
PDA	Event type ke. Error ellipse: s-maj=10.8km s-min=5.6km az=25.0.					

110603239	SVSA	III	20 07 24 28.4-83	38.66N	29.66W	5-0	3.5,2.2L
	CSEM	III	20 07 24 28.4-83	38.66N	29.66W	5	2.2L,2.2L
	PDA	III	20 07 24 28.4-83	38.66N	29.66W	5	3.5,2.2L
	SVSA	Event type ke. Error ellipse: s-maj=13.8km s-min=6.2km az=14.0.					
	CSEM	Event type ke. Error ellipse: s-maj=13.8km s-min=6.2km az=14.0.					After PDA.
	PDA	Event type ke. Error ellipse: s-maj=13.8km s-min=6.2km az=14.0.					
110603258	SVSA	III	31 07 38 11.6-75	38.70N	28.96W	5-0	2.9,2.1L
	CSEM	III	31 07 38 11.6-75	38.70N	28.96W	5	2.1L,2.1L
	PDA	III	31 07 38 11.6-75	38.70N	28.96W	5	2.9,2.1L
	SVSA	Event type ke. Error ellipse: s-maj=7.7km s-min=5.1km az=65.0.					
	CSEM	Event type ke. Error ellipse: s-maj=7.7km s-min=5.1km az=65.0.					After PDA.
	PDA	Event type ke. Error ellipse: s-maj=7.7km s-min=5.1km az=65.0.					
110603325	SVSA	III	31 13 14 44.5-1.6	38.45N	28.52W	2-4	3.0,2.0L
	CSEM	III	31 13 14 44.5-1.6	38.45N	28.52W	2-4	2.0L,2.0L
	PDA	III	31 13 14 44.5-1.6	38.45N	28.52W	2-4	3.0,2.0L
	SVSA	Event type ke. Error ellipse: s-maj=5.1km s-min=3.4km az=22.0.					
	CSEM	Event type ke. Error ellipse: s-maj=5.1km s-min=3.4km az=22.0.					After PDA.
	PDA	Event type ke. Error ellipse: s-maj=5.1km s-min=3.4km az=22.0.					
110603410	SVSA	IV	10 22 42 28.5-63	38.63N	29.34W	0-10	3.1,2.1L
	CSEM	IV	10 22 42 28.5-63	38.63N	29.34W	0-10	2.1L,2.1L
	PDA	IV	10 22 42 28.5-63	38.63N	29.34W	0-10	3.1,2.1L
	SVSA	Event type ke. Error ellipse: s-maj=13.6km s-min=12.5km az=90.0.					
	CSEM	Event type ke. Error ellipse: s-maj=13.6km s-min=12.5km az=90.0.					After PDA.
	PDA	Event type ke. Error ellipse: s-maj=13.6km s-min=12.5km az=90.0.					
110605232	SVSA	II	02 02 52 51.2-1.0	38.81N	29.06W	6-6	3.1,1.6L
	CSEM	II	02 02 52 51.2-1.0	38.81N	29.06W	6-6	1.6L,1.6L
	PDA	II	02 02 52 51.2-1.0	38.81N	29.06W	6-6	3.1,1.6L
	SVSA	Event type ke. Error ellipse: s-maj=13.8km s-min=5.2km az=67.0.					
	CSEM	Event type ke. Error ellipse: s-maj=13.8km s-min=5.2km az=67.0.					After PDA.
	PDA	Event type ke. Error ellipse: s-maj=13.8km s-min=5.2km az=67.0.					
110605628	SVSA	II	02 04 43 03.6-94	38.70N	28.99W	0-13	3.2,1.4L
	CSEM	II	02 04 43 03.6-94	38.70N	28.99W	0-13</	

PDA Event type ke. Error ellipse: s-maj=4.0km s-min=2.8km az=172.0.
 SVSA II 20 12 59 11.9-1.0 39.16N 28.54W 0-0 3.3,2.1L
 CSEM II 20 12 59 11.9-1.0 39.16N 28.54W 0 2.1,2.1L
 PDA II 20 12 59 11.9-1.0 39.16N 28.54W 0 3.3,2.1L
 SVSA Event type ke. Error ellipse: s-maj=7.1km s-min=3.5km az=141.0.
 PDA Event type ke. Error ellipse: s-maj=7.1km s-min=3.5km az=141.0. After PDA.
 SVSA II 20 18 01 26.4-95 38.63N 28.50W 12-12 2.8,2.0L
 CSEM II 20 18 01 26.4-95 38.63N 28.50W 12-12 2.0L,2.0L
 PDA II 20 18 01 26.4-95 38.63N 28.50W 12-12 2.8,2.0L
 SVSA Event type ke. Error ellipse: s-maj=3.7km s-min=3.6km az=165.0.
 PDA Event type ke. Error ellipse: s-maj=3.7km s-min=3.6km az=165.0. After PDA.
 SVSA II 21 03 18 42.5-58 38.78N 29.53W 5-0 3.3,1.4L
 CSEM II 21 03 18 42.5-58 38.78N 29.53W 5 1.4L,1.4L
 PDA II 21 03 18 42.5-58 38.78N 29.53W 5 3.3,1.4L
 SVSA Event type ke. Error ellipse: s-maj=10.0km s-min=5.2km az=26.0.
 PDA Event type ke. Error ellipse: s-maj=10.0km s-min=5.2km az=26.0. After PDA.
 SVSA II 21 03 27 56.3-80 38.72N 29.54W 10-0 3.3,2.3L
 CSEM II 21 03 27 56.3-80 38.72N 29.54W 10 2.2,2.3L
 PDA II 21 03 27 56.3-80 38.72N 29.54W 10 3.3,2.3L
 SVSA Event type ke. Error ellipse: s-maj=14.3km s-min=7.2km az=20.0.
 PDA Event type ke. Error ellipse: s-maj=14.3km s-min=7.2km az=20.0. After PDA.
 SVSA II 22 09 57 44.6-1.4 38.64N 29.26W 4-9 3.4,2.6L
 CSEM II 22 09 57 44.6-1.4 38.64N 29.26W 4-9 2.6L,2.6L
 PDA II 22 09 57 44.6-1.4 38.64N 29.26W 4-9 3.4,2.6L
 SVSA Event type ke. Error ellipse: s-maj=13.5km s-min=9.0km az=56.0.
 PDA Event type ke. Error ellipse: s-maj=13.5km s-min=9.0km az=56.0. After PDA.
 SVSA II 22 15 41 58.6-1.2 38.78N 29.00W 1-16 3.0,1.8L
 CSEM II 22 15 41 58.6-1.2 38.78N 29.00W 1-16 1.8L,1.8L
 PDA II 22 15 41 58.6-1.2 38.78N 29.00W 1-16 3.0,1.8L
 SVSA Event type ke. Error ellipse: s-maj=20.6km s-min=5.5km az=88.0.
 PDA Event type ke. Error ellipse: s-maj=20.6km s-min=5.5km az=88.0. After PDA.
 SVSA II 23 00 01 14.6-1.6 38.66N 28.61W 10-8 3.0,2.9L
 CSEM II 23 00 01 14.6-1.6 38.66N 28.61W 10 2.9L,2.9L
 PDA II 23 00 01 14.6-1.6 38.66N 28.61W 10-8 3.0,2.9L
 SVSA Event type ke. Error ellipse: s-maj=5.5km s-min=4.7km az=48.0.
 PDA Event type ke. Error ellipse: s-maj=5.5km s-min=4.7km az=48.0. After PDA.
 SVSA II 23 01 04 16.7-1.4 38.67N 28.59W 6-8 2.7,1.4L
 CSEM II 23 01 04 16.7-1.4 38.67N 28.59W 6-8 1.4L,1.4L
 PDA II 23 01 04 16.7-1.4 38.67N 28.59W 6-8 2.7,1.4L
 SVSA Event type ke. Error ellipse: s-maj=5.6km s-min=4.8km az=172.0.
 PDA Event type ke. Error ellipse: s-maj=5.6km s-min=4.8km az=172.0. After PDA.
 SVSA II 24 03 58 17.6-51 38.65N 28.62W 13-3 2.6,1.5L
 CSEM II 24 03 58 17.6-51 38.65N 28.62W 13-3 1.5L,1.5L
 PDA II 24 03 58 17.6-51 38.65N 28.62W 13-3 2.6,1.5L
 SVSA Event type ke. Error ellipse: s-maj=2.5km s-min=2.4km az=75.0.
 PDA Event type ke. Error ellipse: s-maj=2.5km s-min=2.4km az=75.0. After PDA.
 SVSA II 24 14 43 18.2-15 37.77N 26.30W 5-6 3.3L,3.1
 CSEM II 24 14 43 18.2-15 37.77N 26.30W 5 3.3L,3.1
 PDA II 24 14 43 18.2-15 37.77N 26.30W 5-6 3.3L,3.1
 SVSA Event type ke. Error ellipse: s-maj=7.3km s-min=2.6km az=27.0.
 PDA Event type ke. Error ellipse: s-maj=7.3km s-min=2.6km az=27.0. After PDA.
 SVSA II 25 07 24 01.8-27 38.63N 28.61W 17-3 2.6
 CSEM II 25 07 24 01.8-27 38.63N 28.61W 17-3 2.6
 PDA II 25 07 24 01.8-27 38.63N 28.61W 17-3 2.6
 SVSA Event type ke. Error ellipse: s-maj=1.9km s-min=1.8km az=150.0.
 PDA Event type ke. Error ellipse: s-maj=1.9km s-min=1.8km az=150.0. After PDA.
 SVSA II 25 07 47 14.1-86 38.61N 28.67W 19-6 2.8,1.6L
 CSEM II 25 07 47 14.1-86 38.61N 28.67W 19-6 1.6L,1.6L
 PDA II 25 07 47 14.1-86 38.61N 28.67W 19-6 2.8,1.6L
 SVSA Event type ke. Error ellipse: s-maj=5.7km s-min=4.1km az=57.0.
 PDA Event type ke. Error ellipse: s-maj=5.7km s-min=4.1km az=57.0. After PDA.
 SVSA II 25 10 02 42.8-1.1 39.06N 28.49W 5-0 3.0,1.9L
 CSEM II 25 10 02 42.8-1.1 39.06N 28.49W 5 1.9L,1.9L
 PDA II 25 10 02 42.8-1.1 39.06N 28.49W 5 3.0,1.9L
 SVSA Event type ke. Error ellipse: s-maj=6.9km s-min=3.7km az=131.0.
 PDA Event type ke. Error ellipse: s-maj=6.9km s-min=3.7km az=131.0. After PDA.
 SVSA II 25 14 27 24.4-43 38.43N 28.52W 13-1 3.0,1.5L
 CSEM II 25 14 27 24.4-43 38.43N 28.52W 13-1 1.5L,1.5L
 PDA II 25 14 27 24.4-43 38.43N 28.52W 13-1 3.0,1.5L
 SVSA Event type ke. Error ellipse: s-maj=4.9km s-min=1.4km az=7.0.
 PDA Event type ke. Error ellipse: s-maj=4.9km s-min=1.4km az=7.0. After PDA.
 SVSA II 25 21 46 57.3-1.5 39.16N 28.55W 5-0 3.2,2.2L
 CSEM II 25 21 46 57.3-1.5 39.16N 28.55W 5 3.2,2.2L
 PDA II 25 21 46 57.3-1.5 39.16N 28.55W 5 2.2L,2.2L
 SVSA Event type ke. Error ellipse: s-maj=7.4km s-min=3.5km az=137.0.
 PDA Event type ke. Error ellipse: s-maj=7.4km s-min=3.5km az=137.0. After PDA.
 SVSA II 25 22 08 28.5-1.2 38.76N 29.30W 2-11 3.2,2.1L
 CSEM II 25 22 08 28.5-1.2 38.76N 29.30W 2-11 2.1L,2.1L
 PDA II 25 22 08 28.5-1.2 38.76N 29.30W 2-11 3.2,2.1L
 SVSA Event type ke. Error ellipse: s-maj=16.4km s-min=7.6km az=77.0.
 PDA Event type ke. Error ellipse: s-maj=16.4km s-min=7.6km az=77.0. After PDA.
 SVSA II 25 22 26 03.9-1.3 38.86N 29.15W 1-11 3.2,2.1L
 CSEM II 25 22 26 03.9-1.3 38.86N 29.15W 1-11 2.1L,2.1L
 PDA II 25 22 26 03.9-1.3 38.86N 29.15W 1-11 3.2,2.1L
 SVSA Event type ke. Error ellipse: s-maj=19.3km s-min=5.4km az=82.0.
 PDA Event type ke. Error ellipse: s-maj=19.3km s-min=5.4km az=82.0. After PDA.
 SVSA II 25 22 40 43.3-1.5 38.75N 29.03W 4-10 3.0,2.0L
 CSEM II 25 22 40 43.3-1.5 38.75N 29.03W 4-10 2.0L,2.0L
 PDA II 25 22 40 43.3-1.5 38.75N 29.03W 4-10 3.0,2.0L
 SVSA Event type ke. Error ellipse: s-maj=18.8km s-min=9.7km az=43.0.
 PDA Event type ke. Error ellipse: s-maj=18.8km s-min=9.7km az=43.0. After PDA.
 SVSA II 26 02 38 43.6-1.2 38.83N 29.22W 0-10 3.2,2.1L
 CSEM II 26 02 38 43.6-1.2 38.83N 29.22W 0-10 2.1L,2.1L
 PDA II 26 02 38 43.6-1.2 38.83N 29.22W 0-10 3.2,2.1L
 SVSA Event type ke. Error ellipse: s-maj=20.7km s-min=8.2km az=58.0.
 PDA Event type ke. Error ellipse: s-maj=20.7km s-min=8.2km az=58.0. After PDA.
 SVSA II 26 09 15 21.2-1.4 38.47N 30.29W 5-0 3.6,2.7L
 CSEM II 26 09 15 21.2-1.4 38.47N 30.29W 5 2.7L,2.7L
 PDA II 26 09 15 21.2-1.4 38.47N 30.29W 5 3.6,2.7L
 SVSA Event type ke. Error ellipse: s-maj=21.3km s-min=11.0km az=175.0.
 PDA Event type ke. Error ellipse: s-maj=21.3km s-min=11.0km az=175.0. After PDA.
 SVSA II 27 20 20 13.2-1.1 39.14N 28.58W 5-0 3.2,2.6L
 CSEM II 27 20 20 13.2-1.1 39.14N 28.58W 5 2.6L,2.6L
 PDA II 27 20 20 13.2-1.1 39.14N 28.58W 5 3.2,2.6L
 SVSA Event type ke. Error ellipse: s-maj=7.8km s-min=3.6km az=134.0.
 PDA Event type ke. Error ellipse: s-maj=7.8km s-min=3.6km az=134.0. After PDA.
 SVSA II 27 22 36 36.1-1.1 38.64N 28.63W 16-9 2.7,2.1L
 CSEM II 27 22 36 36.1-1.1 38.64N 28.63W 16-9 2.1L,2.1L
 PDA II 27 22 36 36.1-1.1 38.64N 28.63W 16-9 2.7,2.1L
 SVSA Event type ke. Error ellipse: s-maj=6.9km s-min=4.8km az=71.0.

CSEM Event type ke. Error ellipse: s-maj=6.9km s-min=4.8km az=71.0. After PDA.
 PDA Event type ke. Error ellipse: s-maj=6.9km s-min=4.8km az=71.0.
 SVSA II 27 23 51 41.3-98 38.66N 28.60W 7-7 2.6,2.1L
 CSEM II 27 23 51 41.3-98 38.66N 28.60W 7-7 2.1L,2.1L
 PDA II 27 23 51 41.3-98 38.66N 28.60W 7-7 2.6,2.1L
 SVSA Event type ke. Error ellipse: s-maj=5.8km s-min=3.0km az=53.0.
 PDA Event type ke. Error ellipse: s-maj=5.8km s-min=3.0km az=53.0. After PDA.
 SVSA II 28 08 38 08.3-1.4 39.08N 28.50W 5-0 3.2,2.2L
 CSEM II 28 08 38 08.3-1.4 39.08N 28.50W 5 2.2L,2.2L
 PDA II 28 08 38 08.3-1.4 39.08N 28.50W 5 3.2,2.2L
 SVSA Event type ke. Error ellipse: s-maj=7.2km s-min=3.5km az=141.0.
 PDA Event type ke. Error ellipse: s-maj=7.2km s-min=3.5km az=141.0. After PDA.
 SVSA II 25 20 22 59.4-88 39.38N 29.97W 0-0 3.5,2.9L
 CSEM V 25 20 22 59.4-88 39.38N 29.97W 0 2.9L,2.9L
 PDA V 25 20 22 59.4-88 39.38N 29.97W 0 3.5,2.9L
 SVSA Event type ke. Error ellipse: s-maj=19.9km s-min=6.6km az=44.0.
 PDA Event type ke. Error ellipse: s-maj=19.9km s-min=6.6km az=44.0. After PDA.
 SVSA II 16 22 06 39.2-1.5 38.78N 29.01W 5-7 3.2,1.6L
 CSEM V 16 22 06 39.2-1.5 38.78N 29.01W 5-7 1.6L,1.6L
 PDA V 16 22 06 39.2-1.5 38.78N 29.01W 5-7 3.2,1.6L
 SVSA Event type ke. Error ellipse: s-maj=14.7km s-min=6.4km az=75.0.
 PDA Event type ke. Error ellipse: s-maj=14.7km s-min=6.4km az=75.0. After PDA.
 SVSA V 17 05 46 33.6-71 39.07N 29.13W 10-0 3.0,1.6L
 CSEM V 17 05 46 33.6-71 39.07N 29.13W 10 1.6L,1.6L
 PDA V 17 05 46 33.6-71 39.07N 29.13W 10 3.0,1.6L
 SVSA Event type ke. Error ellipse: s-maj=7.8km s-min=6.4km az=56.0.
 PDA Event type ke. Error ellipse: s-maj=7.8km s-min=6.4km az=56.0. After PDA.
 SVSA II 18 03 34 03.1-47 38.79N 28.97W 0-9 2.9,2.0L
 CSEM V 18 03 34 03.1-47 38.79N 28.97W 0-9 2.0L,2.0L
 PDA V 18 03 34 03.1-47 38.79N 28.97W 0-9 2.9,2.0L
 SVSA Event type ke. Error ellipse: s-maj=11.5km s-min=2.6km az=89.0.
 PDA Event type ke. Error ellipse: s-maj=11.5km s-min=2.6km az=89.0. After PDA.
 SVSA V 18 04 04 45.5-47 38.65N 28.53W 5-3 2.8,1.5L
 CSEM V 18 04 04 45.5-47 38.65N 28.53W 5-3 1.5L,1.5L
 PDA V 18 04 04 45.5-47 38.65N 28.53W 5-3 2.8,1.5L
 SVSA Event type ke. Error ellipse: s-maj=2.0km s-min=0.9km az=149.0.
 PDA Event type ke. Error ellipse: s-maj=2.0km s-min=0.9km az=149.0. After PDA.
 SVSA V 18 22 40 45.0-90 38.59N 28.73W 4-2 2.9,1.6L
 CSEM V 18 22 40 45.0-90 38.59N 28.73W 4-2 1.6L,1.6L
 PDA V 18 22 40 45.0-90 38.59N 28.73W 4-2 2.9,1.6L
 SVSA Event type ke. Error ellipse: s-maj=6.1km s-min=2.6km az=79.0.
 PDA Event type ke. Error ellipse: s-maj=6.1km s-min=2.6km az=79.0. After PDA.
 SVSA V 01 00 43 38.6-1.3 38.66N 28.57W 13-7 2.7,1.0L
 CSEM V 01 00 43 38.6-1.3 38.66N 28.57W 13-7 1.0L,1.0L
 PDA V 01 00 43 38.6-1.3 38.66N 28.57W 13-7 2.7,1.0L
 SVSA Event type ke. Error ellipse: s-maj=4.3km s-min=3.6km az=176.0.
 PDA Event type ke. Error ellipse: s-maj=4.3km s-min=3.6km az=176.0. After PDA.
 SVSA V 08 11 05 27.5-47 38.87N 29.16W 0-0 3.1,1.9L
 CSEM V 08 11 05 27.5-47 38.87N 29.16W 0 1.9L,1.9L
 PDA V 08 11 05 27.5-47 38.87N 29.16W 0 3.1,1.9L
 SVSA Event type ke. Error ellipse: s-maj=6.3km s-min=3.7km az=53.0.
 PDA Event type ke. Error ellipse: s-maj=6.3km s-min=3.7km az=53.0. After PDA.
 SVSA V 08 14 06 32.5-29 38.67N 28.78W 19-3 2.8
 CSEM V 08 14 06 32.5-29 38.67N 28.78W 19-3 2.8
 PDA V 08 14 06 32.5-29 38.67N 28.78W 19-3 2.8
 SVSA Event type ke. Error ellipse: s-maj=2.7km s-min=2.5km az=60.0.
 PDA Event type ke. Error ellipse: s-maj=2.7km s-min=2.5km az=60.0. After PDA.
 SVSA V 09 23 13 09.0-1.2 38.85N 28.88W 3-18 2.9,1.8L
 CSEM V 09 23 13 09.0-1.2 38.85N 28.88W 3-18 1.8L,1.8L
 PDA V 09 23 13 09.0-1.2 38.85N 28.88W 3-18 2.9,1.8L
 SVSA Event type ke. Error ellipse: s-maj=23.7km s-min=4.3km az=99.0.
 PDA Event type ke. Error ellipse: s-maj=23.7km s-min=4.3km az=99.0. After PDA.
 SVSA V 12 12 32 54.6-1.0 38.53N 29.11W 5-4 3.1,1.8L
 CSEM V 12 12 32 54.6-1.0 38.53N 29.11W 5-4 1.8L,1.8L
 PDA V 12 12 32 54.6-1.0 38.53N 29.11W 5-4 3.1,1.8L
 SVSA Event type ke. Error ellipse: s-maj=11.0km s-min=7.9km az=157.0.
 PDA Event type ke. Error ellipse: s-maj=11.0km s-min=7.9km az=157.0. After PDA.
 SVSA V 12 19 13 18.2-33 38.45N 28.40W 6-2 2.7,1.0L
 CSEM V 12 19 13 18.2-33 38.45N 28.40W 6-2 1.0L,1.0L
 PDA V 12 19 13 18.2-33 38.45N 28.40W 6-2 2.7,1.0L
 SVSA Event type ke. Error ellipse: s-maj=1.6km s-min=1.6km az=36.0.
 PDA Event type ke. Error ellipse: s-maj=1.6km s-min=1.6km az=36.0. After PDA.
 SVSA V 12 23 42 07.0-72 38.55N 30.03W 5-0 3.4
 CSEM V 12 23 42 07.0-72 38.55N 30.03W 5 3.4
 PDA V 12 23 42 07.0-72 38.55N 30.03W 5 3.4
 SVSA Event type ke. Error ellipse: s-maj=57.8km s-min=8.0km az=180.0.
 PDA Event type ke. Error ellipse: s-maj=57.8km s-min=8.0km az=180.0. After PDA.
 SVSA V 13 23 56 23.1-46 38.58N 28.59W 15-5 2.9,1.3L
 CSEM V 13 23 56 23.1-46 38.58N 28.59W 15-5 1.3L,1.3L
 PDA V 13 23 56 23.1-46 38.58N 28.59W 15-5 2.9,1.3L
 SVSA Event type ke. Error ellipse: s-maj=3.7km s-min=2.0km az=46.0.
 PDA Event type ke. Error ellipse: s-maj=3.7km s-min=2.0km az=46.0. After PDA.
 SVSA V 07 04 57 56.1-64 38.63N 28.59W 16-8 2.6,1.5L
 CSEM V 07 04 57 56.1-64 38.63N 28.59W 16-8 1.5L,1.5L
 PDA V 07 04 57 56.1-64 38.63N 28.59W 16-8 2.6,1.5L
 SVSA Event type ke. Error ellipse: s-maj=4.6km s-min=3.1km az=61.0.
 PDA Event type ke. Error ellipse: s-maj=4.6km s-min=3.1km az=61.0. After PDA.
 SVSA V 04 07 15 26.1-64 37.78N 25.44W 3-1 2.7L
 CSEM V 04 07 15 26.1-64 37.78N 25.44W 3-1 2.7L
 PDA V 04 07 15 26.1-64 37.78N 25.44W 3-1 2.7L
 SVSA Event type ke. Error ellipse: s-maj=0.9km s-min=0.9km az=49.0.
 PDA Event type ke. Error ellipse: s-maj=0.9km s-min=0.9km az=49.0. After PDA.
 SVSA V 01 13 49 09.2-1.1 38.55N 29.57W 5-0 3.4,2.6L
 CSEM V 01 13 49 09.2-1.1 38.55N 29.57W 5 2.6L,2.6L
 PDA V 01 13 49 09.2-1.1 38.55N 29.57W 5 3.4,2.6L
 SVSA Event type ke. Error ellipse: s-maj=14.0km s-min=7.0km az=179.0.
 PDA Event type ke. Error ellipse: s-maj=14.0km s-min=7.0km az=179.0. After PDA.
 SVSA V 02 01 17 45.9-1.1 38.18N 26.74W 0-4 2.8,2.2L
 CSEM V 02 01 17 45.9-1.1 38.18N 26.74W 0-4 2.2L,2.2L
 PDA V 02 01 17 45.9-1.1 38.18N 26.74W 0-4 2.8,2.2L
 SVSA Event type ke. Error ellipse: s-maj=5.3km s-min=1.2km az=44.0.
 PDA Event type ke. Error ellipse: s-maj=5.3km s-min=1.2km az=44.0. After PDA.
 SVSA V 02 02 39 11.5-54 38.55N 28.58W 14-6 2.6,1.2L
 CSEM V 02 02 39 11.5-54 38.55N 28.58W 14-6 1.2L,1.2L
 PDA V 02 02 39 11.5-54 38.55N 28.58W 14-6 2.6,1.2L
 SVSA Event type ke. Error ellipse: s-maj=7.8km s-min=2.2km az=36.0.
 PDA Event type ke. Error ellipse: s-maj=7.8km s-min=2.2km az=36.0. After PDA.
 SVSA V 02 05 03 54.2-1.2 38.15N 26.76W 2-4 2.7,2.4L
 CSEM V 02 05 03 54.2-1.2 38.15N 26.76W 2-4 2.4L,2.4L
 PDA V 02 05 03 54.2-1.2 38.15N 26.76W 2-4 2.7,2.4L

SVSA	Event type ke. Error ellipse: s-maj=4.6km s-min=1.3km az=39.0.				
CSEM	Event type ke. Error ellipse: s-maj=4.6km s-min=1.3km az=39.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=4.6km s-min=1.3km az=39.0.				
SVSA	V 29 01 37 01.6-91 39.04N 28.65W 5-14 2.9,1.7L				
CSEM	V 29 01 37 01.6-91 39.04N 28.65W 5-14 1.7L,1.7L				
PDA	V 29 01 37 01.6-91 39.04N 28.65W 5-14 2.9,1.7L				
SVSA	Event type ke. Error ellipse: s-maj=8.2km s-min=4.0km az=135.0.				
CSEM	Event type ke. Error ellipse: s-maj=8.2km s-min=4.0km az=135.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=8.2km s-min=4.0km az=135.0.				
SVSA	V 29 05 13 47.0-93 38.78N 28.98W 5-0 3.0,1.8L				
CSEM	V 29 05 13 47.0-93 38.78N 28.98W 5-0 1.8L,1.8L				
PDA	V 29 05 13 47.0-93 38.78N 28.98W 5-0 3.0,1.8L				
SVSA	Event type ke. Error ellipse: s-maj=11.2km s-min=5.0km az=41.0.				
CSEM	Event type ke. Error ellipse: s-maj=11.2km s-min=5.0km az=41.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=11.2km s-min=5.0km az=41.0.				
SVSA	V 29 14 59 07.7-1.7 38.97N 27.85W 0-0 3.1,1.5L				
CSEM	V 29 14 59 07.7-1.7 38.97N 27.85W 0-0 1.5L,1.5L				
PDA	V 29 14 59 07.7-1.7 38.97N 27.85W 0-0 3.1,1.5L				
SVSA	Event type ke. Error ellipse: s-maj=14.3km s-min=3.5km az=77.0.				
CSEM	Event type ke. Error ellipse: s-maj=14.3km s-min=3.5km az=77.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=14.3km s-min=3.5km az=77.0.				
SVSA	V 30 00 06 51.9-51 38.96N 27.87W 1-2 2.9,1.0L				
CSEM	V 30 00 06 51.9-51 38.96N 27.87W 1-2 1.0L,1.0L				
PDA	V 30 00 06 51.9-51 38.96N 27.87W 1-2 2.9,1.0L				
SVSA	Event type ke. Error ellipse: s-maj=3.7km s-min=1.3km az=78.0.				
CSEM	Event type ke. Error ellipse: s-maj=3.7km s-min=1.3km az=78.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=3.7km s-min=1.3km az=78.0.				
SVSA	V 30 03 48 01.8-1.1 38.96N 27.90W 1-3 3.0,2.1L				
CSEM	V 30 03 48 01.8-1.1 38.96N 27.90W 1-3 2.1L,2.1L				
PDA	V 30 03 48 01.8-1.1 38.96N 27.90W 1-3 3.0,2.1L				
SVSA	Event type ke. Error ellipse: s-maj=1.8km s-min=1.4km az=61.0.				
CSEM	Event type ke. Error ellipse: s-maj=1.8km s-min=1.4km az=61.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=1.8km s-min=1.4km az=61.0.				
SVSA	V 30 05 42 55.5-53 38.64N 28.42W 0-2 2.8,1.1L				
CSEM	V 30 05 42 55.5-53 38.64N 28.42W 0-2 1.1L,1.1L				
PDA	V 30 05 42 55.5-53 38.64N 28.42W 0-2 2.8,1.1L				
SVSA	Event type ke. Error ellipse: s-maj=1.2km s-min=1.0km az=153.0.				
CSEM	Event type ke. Error ellipse: s-maj=1.2km s-min=1.0km az=153.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=1.2km s-min=1.0km az=153.0.				
SVSA	V 30 05 50 05.4-1.0 38.97N 27.90W 2-3 2.7,1.5L				
CSEM	V 30 05 50 05.4-1.0 38.97N 27.90W 2-3 1.5L,1.5L				
PDA	V 30 05 50 05.4-1.0 38.97N 27.90W 2-3 2.7,1.5L				
SVSA	Event type ke. Error ellipse: s-maj=2.3km s-min=1.6km az=65.0.				
CSEM	Event type ke. Error ellipse: s-maj=2.3km s-min=1.6km az=65.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=2.3km s-min=1.6km az=65.0.				
SVSA	V 30 06 56 54.8-43 38.99N 27.84W 0-7 2.7,1.1L				
CSEM	V 30 06 56 54.8-43 38.99N 27.84W 0-7 1.1L,1.1L				
PDA	V 30 06 56 54.8-43 38.99N 27.84W 0-7 2.7,1.1L				
SVSA	Event type ke. Error ellipse: s-maj=5.4km s-min=4.1km az=50.0.				
CSEM	Event type ke. Error ellipse: s-maj=5.4km s-min=4.1km az=50.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=5.4km s-min=4.1km az=50.0.				
SVSA	V 30 09 23 24.5-42 38.99N 27.86W 9-5 2.9,1.5L				
CSEM	V 30 09 23 24.5-42 38.99N 27.86W 9-5 1.5L,1.5L				
PDA	V 30 09 23 24.5-42 38.99N 27.86W 9-5 2.9,1.5L				
SVSA	Event type ke. Error ellipse: s-maj=2.6km s-min=2.3km az=82.0.				
CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=2.3km az=82.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=2.6km s-min=2.3km az=82.0.				
SVSA	V 30 10 07 35.6-73 39.00N 27.88W 7-7 3.0,1.5L				
CSEM	V 30 10 07 35.6-73 39.00N 27.88W 7-7 1.5L,1.5L				
PDA	V 30 10 07 35.6-73 39.00N 27.88W 7-7 3.0,1.5L				
SVSA	Event type ke. Error ellipse: s-maj=6.1km s-min=5.0km az=150.0.				
CSEM	Event type ke. Error ellipse: s-maj=6.1km s-min=5.0km az=150.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=6.1km s-min=5.0km az=150.0.				
SVSA	V 30 12 18 27.0-76 38.98N 27.90W 2-2 3.2,1.7L				
CSEM	V 30 12 18 27.0-76 38.98N 27.90W 2-2 1.7L,1.7L				
PDA	V 30 12 18 27.0-76 38.98N 27.90W 2-2 3.2,1.7L				
SVSA	Event type ke. Error ellipse: s-maj=1.7km s-min=1.2km az=61.0.				
CSEM	Event type ke. Error ellipse: s-maj=1.7km s-min=1.2km az=61.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=1.7km s-min=1.2km az=61.0.				
SVSA	V 30 12 20 04.0-1.0 38.97N 27.88W 2-4 2.7,1.4L				
CSEM	V 30 12 20 04.0-1.0 38.97N 27.88W 2-4 1.4L,1.4L				
PDA	V 30 12 20 04.0-1.0 38.97N 27.88W 2-4 2.7,1.4L				
SVSA	Event type ke. Error ellipse: s-maj=5.6km s-min=2.1km az=79.0.				
CSEM	Event type ke. Error ellipse: s-maj=5.6km s-min=2.1km az=79.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=5.6km s-min=2.1km az=79.0.				
SVSA	V 30 12 22 31.7-1.1 38.98N 27.90W 5-8 2.6,1.5L				
CSEM	V 30 12 22 31.7-1.1 38.98N 27.90W 5-8 1.5L,1.5L				
PDA	V 30 12 22 31.7-1.1 38.98N 27.90W 5-8 2.6,1.5L				
SVSA	Event type ke. Error ellipse: s-maj=5.5km s-min=2.6km az=162.0.				
CSEM	Event type ke. Error ellipse: s-maj=5.5km s-min=2.6km az=162.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=5.5km s-min=2.6km az=162.0.				
SVSA	V 30 12 24 27.8-61 38.97N 27.88W 4-10 2.7,1.1L				
CSEM	V 30 12 24 27.8-61 38.97N 27.88W 4-10 1.1L,1.1L				
PDA	V 30 12 24 27.8-61 38.97N 27.88W 4-10 2.7,1.1L				
SVSA	Event type ke. Error ellipse: s-maj=6.0km s-min=5.3km az=86.0.				
CSEM	Event type ke. Error ellipse: s-maj=6.0km s-min=5.3km az=86.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=6.0km s-min=5.3km az=86.0.				
SVSA	V 30 13 41 09.7-87 38.99N 27.92W 11-4 2.7,1.4L				
CSEM	V 30 13 41 09.7-87 38.99N 27.92W 11-4 1.4L,1.4L				
PDA	V 30 13 41 09.7-87 38.99N 27.92W 11-4 2.7,1.4L				
SVSA	Event type ke. Error ellipse: s-maj=7.1km s-min=2.9km az=93.0.				
CSEM	Event type ke. Error ellipse: s-maj=7.1km s-min=2.9km az=93.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=7.1km s-min=2.9km az=93.0.				
SVSA	V 31 03 00 21.7-80 38.98N 27.85W 5-10 2.6,1.1L				
CSEM	V 31 03 00 21.7-80 38.98N 27.85W 5-10 1.1L,1.1L				
PDA	V 31 03 00 21.7-80 38.98N 27.85W 5-10 2.6,1.1L				
SVSA	Event type ke. Error ellipse: s-maj=6.5km s-min=5.8km az=0.0.				
CSEM	Event type ke. Error ellipse: s-maj=6.5km s-min=5.8km az=0.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=6.5km s-min=5.8km az=0.0.				
SVSA	V 21 18 34 51.5-77 37.78N 25.44W 3-1 2.8L,2.5				
CSEM	V 21 18 34 51.5-77 37.78N 25.44W 3-1 2.8L,2.5				
PDA	V 21 18 34 51.5-77 37.78N 25.44W 3-1 2.8L,2.5				
SVSA	Event type ke. Error ellipse: s-maj=1.1km s-min=1.1km az=40.0.				
CSEM	Event type ke. Error ellipse: s-maj=1.1km s-min=1.1km az=40.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=1.1km s-min=1.1km az=40.0.				
SVSA	V 24 04 17 16.7-1.1 38.50N 28.56W 13-4 3.0,1.4L				
CSEM	V 24 04 17 16.7-1.1 38.50N 28.56W 13-4 1.4L,1.4L				
PDA	V 24 04 17 16.7-1.1 38.50N 28.56W 13-4 3.0,1.4L				
SVSA	Event type ke. Error ellipse: s-maj=5.9km s-min=2.1km az=31.0.				
CSEM	Event type ke. Error ellipse: s-maj=5.9km s-min=2.1km az=31.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=5.9km s-min=2.1km az=31.0.				
SVSA	V 25 11 11 32.8-94 38.16N 26.38W 0-3 2.8,2.7L				
CSEM	V 25 11 11 32.8-94 38.16N 26.38W 0-3 2.7L,2.7L				
PDA	V 25 11 11 32.8-94 38.16N 26.38W 0-3 2.8,2.7L				
SVSA	Event type ke. Error ellipse: s-maj=14.2km s-min=1.2km az=42.0.				
CSEM	Event type ke. Error ellipse: s-maj=14.2km s-min=1.2km az=42.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=14.2km s-min=1.2km az=42.0.				
SVSA	V 25 14 46 56.6-44 38.75N 29.02W 0-9 3.1,1.4L				
CSEM	V 25 14 46 56.6-44 38.75N 29.02W 0-9 1.4L,1.4L				
PDA	V 25 14 46 56.6-44 38.75N 29.02W 0-9 3.1,1.4L				
SVSA	Event type ke. Error ellipse: s-maj=12.0km s-min=3.2km az=84.0.				
CSEM	Event type ke. Error ellipse: s-maj=12.0km s-min=3.2km az=84.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=12.0km s-min=3.2km az=84.0.				
SVSA	V 25 18 18 07.0-38 39.63N 29.77W 5-0 3.5,2.4L				
CSEM	V 25 18 18 07.0-38 39.63N 29.77W 5-0 2.4L,2.4L				
PDA	V 25 18 18 07.0-38 39.63N 29.77W 5-0 3.5,2.4L				
SVSA	Event type ke. Error ellipse: s-maj=49.0km s-min=3.4km az=54.0.				
CSEM	Event type ke. Error ellipse: s-maj=49.0km s-min=3.4km az=54.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=49.0km s-min=3.4km az=54.0.				
SVSA	V 25 18 22 14.8-82 39.84N 29.15W 0-0 3.5,2.5L				
CSEM	V 25 18 22 14.8-82 39.84N 29.15W 0-0 2.5L,2.5L				

PDA	V 25 18 22 14.8-82 39.84N 29.15W 0-0 3.5,2.5L				
SVSA	Event type ke. Error ellipse: s-maj=19.8km s-min=6.5km az=70.0.				
CSEM	Event type ke. Error ellipse: s-maj=19.8km s-min=6.5km az=70.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=19.8km s-min=6.5km az=70.0.				
SVSA	V 25 19 39 52.4-95 39.17N 30.11W 0-0 3.6,3.0L				
SVSA	Event type ke. Error ellipse: s-maj=24.3km s-min=8.3km az=34.0.				
SVSA	V 25 20 19 42.8-89 39.03N 30.25W 0-0 3.7,2.9L				
SVSA	Event type ke. Error ellipse: s-maj=25.0km s-min=7.3km az=23.0.				
SVSA	V 26 18 33 43.4-1.0 38.78N 28.89W 0-9 3.0,1.7L				
CSEM	V 26 18 33 43.4-1.0 38.78N 28.89W 0-9 1.7L,1.7L				
PDA	V 26 18 33 43.4-1.0 38.78N 28.89W 0-9 3.0,1.7L				
SVSA	Event type ke. Error ellipse: s-maj=10.4km s-min=3.7km az=96.0.				
CSEM	Event type ke. Error ellipse: s-maj=10.4km s-min=3.7km az=96.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=10.4km s-min=3.7km az=96.0.				
SVSA	V 20 00 16 21.3-1.3 38.58N 30.19W 0-0 3.5,2.7L				
CSEM	V 20 00 16 21.3-1.3 38.58N 30.19W 0-0 2.7L,2.7L				
PDA	V 20 00 16 21.3-1.3 38.58N 30.19W 0-0 3.5,2.7L				
SVSA	Event type ke. Error ellipse: s-maj=17.0km s-min=5.9km az=167.0.				
CSEM	Event type ke. Error ellipse: s-maj=17.0km s-min=5.9km az=167.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=17.0km s-min=5.9km az=167.0.				
SVSA	V 05 17 29 22.4-58 38.72N 29.01W 0-9 2.8,1.7L				
CSEM	V 05 17 29 22.4-58 38.72N 29.01W 0-9 1.7L,1.7L				
PDA	V 05 17 29 22.4-58 38.72N 29.01W 0-9 2.8,1.7L				
SVSA	Event type ke. Error ellipse: s-maj=10.6km s-min=4.4km az=78.0.				
CSEM	Event type ke. Error ellipse: s-maj=10.6km s-min=4.4km az=78.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=10.6km s-min=4.4km az=78.0.				
SVSA	V 29 04 33 56.8-46 38.81N 28.91W 0-13 2.9,1.7L				
CSEM	V 29 04 33 56.8-46 38.81N 28.91W 0-13 1.7L,1.7L				
PDA	V 29 04 33 56.8-46 38.81N 28.91W 0-13 2.9,1.7L				
SVSA	Event type ke. Error ellipse: s-maj=11.8km s-min=4.7km az=117.0.				
CSEM	Event type ke. Error ellipse: s-maj=11.8km s-min=4.7km az=117.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=11.8km s-min=4.7km az=117.0.				
SVSA	V 04 07 18 00.8-49 37.78N 25.44W 2-1 2.5L				
CSEM	V 04 07 18 00.8-49 37.78N 25.44W 2-1 2.5L				
PDA	V 04 07 18 00.8-49 37.78N 25.44W 2-1 2.5L				
SVSA	Event type ke. Error ellipse: s-maj=0.8km s-min=0.7km az=39.0.				
CSEM	Event type ke. Error ellipse: s-maj=0.8km s-min=0.7km az=39.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=0.8km s-min=0.7km az=39.0.				
SVSA	I 01 07 24 29.5-80 39.12N 28.56W 10-0 3.2,2.0L				
CSEM	I 01 07 24 29.5-80 39.12N 28.56W 10-0 2.0L,2.0L				
PDA	I 01 07 24 29.5-80 39.12N 28.56W 10-0 3.2,2.0L				
SVSA	Event type ke. Error ellipse: s-maj=7.6km s-min=6.2km az=45.0.				
CSEM	Event type ke. Error ellipse: s-maj=7.6km s-min=6.2km az=45.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=7.6km s-min=6.2km az=45.0.				
SVSA	I 01 07 41 28.8-51 38.65				

CSEM	I	13 18 13 02.8-49	38.59N	28.56W	12-5	1.9L,1.9L	¶8950109	SVSA	I	01 21 29 44.9-95	39.92N	29.57W	0-0	3.5,2.7L	
PDA	I	13 18 13 02.8-49	38.59N	28.56W	12-5	2.9,1.9L		CSEM	I	01 21 29 44.9-95	39.92N	29.57W	0	2.7L,2.7L	¶8949881
SVSA	Event type ke. Error ellipse: s-maj=2.4km s-min=1.6km az=29.0.							PDA	I	01 21 29 44.9-95	39.92N	29.57W	0	3.5,2.7L	
CSEM	Event type ke. Error ellipse: s-maj=2.4km s-min=1.6km az=29.0. After PDA.							SVSA	Event type ke. Error ellipse: s-maj=28.0km s-min=8.2km az=68.0.						
PDA	Event type ke. Error ellipse: s-maj=2.4km s-min=1.6km az=29.0.							CSEM	Event type ke. Error ellipse: s-maj=28.0km s-min=8.2km az=68.0.						
SVSA	I	13 04 34 23.8-1.2	38.75N	29.03W	9-14	3.1,2.6L		PDA	Event type ke. Error ellipse: s-maj=28.0km s-min=8.2km az=68.0.						
CSEM	I	13 04 34 23.8-1.2	38.75N	29.03W	9-14	2.6L,2.6L	¶8950105	SVSA	I	01 10 40 02.3-1.0	39.13N	28.58W	1-8	3.0,2.3L	
PDA	I	13 04 34 23.8-1.2	38.75N	29.03W	9-14	3.1,2.6L		CSEM	I	01 10 40 02.3-1.0	39.13N	28.58W	1	2.3L,2.3L	¶8949874
SVSA	Event type ke. Error ellipse: s-maj=15.1km s-min=5.3km az=45.0.							PDA	I	01 10 40 02.3-1.0	39.13N	28.58W	1-8	3.0,2.3L	
CSEM	Event type ke. Error ellipse: s-maj=15.1km s-min=5.3km az=45.0. After PDA.							SVSA	Event type ke. Error ellipse: s-maj=10.5km s-min=2.6km az=138.0.						
PDA	Event type ke. Error ellipse: s-maj=15.1km s-min=5.3km az=45.0.							CSEM	Event type ke. Error ellipse: s-maj=10.5km s-min=2.6km az=138.0.						
SVSA	I	12 08 14 50.5-72	38.64N	28.52W	5-13	2.8,1.5L		PDA	Event type ke. Error ellipse: s-maj=10.5km s-min=2.6km az=138.0.						
CSEM	I	12 08 14 50.5-72	38.64N	28.52W	5-13	1.5L,1.5L	¶8950086	SVSA	I	01 04 15 13.0-85	38.70N	29.01W	0-0	3.1,1.8L	
PDA	I	12 08 14 50.5-72	38.64N	28.52W	5-13	2.8,1.5L		CSEM	I	01 04 15 13.0-85	38.70N	29.01W	0	1.8L,1.8L	¶8949869
SVSA	Event type ke. Error ellipse: s-maj=3.2km s-min=3.0km az=54.0.							PDA	I	01 04 15 13.0-85	38.70N	29.01W	0	3.1,1.8L	
CSEM	Event type ke. Error ellipse: s-maj=3.2km s-min=3.0km az=54.0. After PDA.							SVSA	Event type ke. Error ellipse: s-maj=9.6km s-min=6.2km az=52.0.						
PDA	Event type ke. Error ellipse: s-maj=3.2km s-min=3.0km az=54.0.							CSEM	Event type ke. Error ellipse: s-maj=9.6km s-min=6.2km az=52.0.						
SVSA	I	12 05 28 20.7-1.0	38.63N	28.46W	6-29	2.9,0.9L		PDA	Event type ke. Error ellipse: s-maj=9.6km s-min=6.2km az=52.0.						
CSEM	I	12 05 28 20.7-1.0	38.63N	28.46W	6-29	0.9L,0.9L	¶8950085	SVSA	I	01 02 31 08.9-77	38.83N	28.91W	0-0	3.1,1.8L	
PDA	I	12 05 28 20.7-1.0	38.63N	28.46W	6-29	2.9,0.9L		CSEM	I	01 02 31 08.9-77	38.83N	28.91W	0	1.8L,1.8L	¶8949867
SVSA	Event type ke. Error ellipse: s-maj=3.9km s-min=3.7km az=139.0.							PDA	I	01 02 31 08.9-77	38.83N	28.91W	0	3.1,1.8L	
CSEM	Event type ke. Error ellipse: s-maj=3.9km s-min=3.7km az=139.0. After PDA.							SVSA	Event type ke. Error ellipse: s-maj=7.3km s-min=4.0km az=92.0.						
PDA	Event type ke. Error ellipse: s-maj=3.9km s-min=3.7km az=139.0.							CSEM	Event type ke. Error ellipse: s-maj=7.3km s-min=4.0km az=92.0.						
SVSA	I	11 19 31 16.6-90	38.56N	28.56W	17-7	2.9,2.4L		PDA	Event type ke. Error ellipse: s-maj=7.3km s-min=4.0km az=92.0.						
CSEM	I	11 19 31 16.6-90	38.56N	28.56W	17-7	2.4L,2.4L	¶8950084	SVSA	I	01 00 37 14.1-73	38.74N	29.00W	1-13	3.0,1.8L	
PDA	I	11 19 31 16.6-90	38.56N	28.56W	17-7	2.9,2.4L		CSEM	I	01 00 37 14.1-73	38.74N	29.00W	1-13	1.8L,1.8L	¶8949865
SVSA	Event type ke. Error ellipse: s-maj=5.7km s-min=3.3km az=26.0.							PDA	I	01 00 37 14.1-73	38.74N	29.00W	1-13	3.0,1.8L	
CSEM	Event type ke. Error ellipse: s-maj=5.7km s-min=3.3km az=26.0. After PDA.							SVSA	Event type ke. Error ellipse: s-maj=14.7km s-min=4.9km az=81.0.						
PDA	Event type ke. Error ellipse: s-maj=5.7km s-min=3.3km az=26.0.							CSEM	Event type ke. Error ellipse: s-maj=14.7km s-min=4.9km az=81.0.						
SVSA	I	11 17 07 41.6-11	38.61N	28.79W	1-3	2.7,1.3L		PDA	Event type ke. Error ellipse: s-maj=14.7km s-min=4.9km az=81.0.						
CSEM	I	11 17 07 41.6-11	38.61N	28.79W	1-3	1.3L,1.3L	¶8950081	SVSA	I	06 19 12 17.4-59	38.77N	28.99W	0-11	2.7,1.8L	
PDA	I	11 17 07 41.6-11	38.61N	28.79W	1-3	2.7,1.3L		CSEM	I	06 19 12 17.4-59	38.77N	28.99W	0-11	1.8L,1.8L	¶8949979
SVSA	Event type ke. Error ellipse: s-maj=7.4km s-min=4.0km az=95.0.							PDA	I	06 19 12 17.4-59	38.77N	28.99W	0-11	2.7,1.8L	
CSEM	Event type ke. Error ellipse: s-maj=7.4km s-min=4.0km az=95.0. After PDA.							SVSA	Event type ke. Error ellipse: s-maj=13.2km s-min=3.7km az=84.0.						
PDA	Event type ke. Error ellipse: s-maj=7.4km s-min=4.0km az=95.0.							CSEM	Event type ke. Error ellipse: s-maj=13.2km s-min=3.7km az=84.0.						
SVSA	I	11 03 20 56.6-75	39.00N	29.02W	0-9	3.2,1.9L		PDA	Event type ke. Error ellipse: s-maj=13.2km s-min=3.7km az=84.0.						
CSEM	I	11 03 20 56.6-75	39.00N	29.02W	0-9	1.9L,1.9L	¶8950065	SVSA	I	06 21 50 34.4-82	38.81N	28.88W	0-0	3.1,1.9L	
PDA	I	11 03 20 56.6-75	39.00N	29.02W	0-9	3.2,1.9L		CSEM	I	06 21 50 34.4-82	38.81N	28.88W	0	1.9L,1.9L	¶8949982
SVSA	Event type ke. Error ellipse: s-maj=12.1km s-min=5.1km az=107.0.							PDA	I	06 21 50 34.4-82	38.81N	28.88W	0	3.1,1.9L	
CSEM	Event type ke. Error ellipse: s-maj=12.1km s-min=5.1km az=107.0. After PDA.							SVSA	Event type ke. Error ellipse: s-maj=7.4km s-min=4.1km az=92.0.						
PDA	Event type ke. Error ellipse: s-maj=12.1km s-min=5.1km az=107.0.							CSEM	Event type ke. Error ellipse: s-maj=7.4km s-min=4.1km az=92.0.						
SVSA	I	10 08 28 09.7-79	38.05N	26.23W	3-6	2.5,1.9L		PDA	Event type ke. Error ellipse: s-maj=7.4km s-min=4.1km az=92.0.						
CSEM	I	10 08 28 09.7-79	38.05N	26.23W	3-6	1.9L,1.9L	¶8950047	SVSA	I	07 08 16 05.0-60	38.63N	29.00W	0-14	3.0,1.9L	
PDA	I	10 08 28 09.7-79	38.05N	26.23W	3-6	2.5,1.9L		CSEM	I	07 08 16 05.0-60	38.63N	29.00W	0-14	1.9L,1.9L	¶8949988
SVSA	Event type ke. Error ellipse: s-maj=27.2km s-min=4.2km az=43.0.							PDA	I	07 08 16 05.0-60	38.63N	29.00W	0-14	3.0,1.9L	
CSEM	Event type ke. Error ellipse: s-maj=27.2km s-min=4.2km az=43.0. After PDA.							SVSA	Event type ke. Error ellipse: s-maj=14.7km s-min=5.1km az=62.0.						
PDA	Event type ke. Error ellipse: s-maj=27.2km s-min=4.2km az=43.0.							CSEM	Event type ke. Error ellipse: s-maj=14.7km s-min=5.1km az=62.0.						
SVSA	I	09 04 32 23.4-1.1	38.72N	29.00W	0-10	3.0,2.2L		PDA	Event type ke. Error ellipse: s-maj=14.7km s-min=5.1km az=62.0.						
CSEM	I	09 04 32 23.4-1.1	38.72N	29.00W	0-10	2.2L,2.2L	¶8950027	SVSA	I	09 05 39 52.2-42	38.68N	28.58W	8-10	2.6,1.7L	
PDA	I	09 04 32 23.4-1.1	38.72N	29.00W	0-10	3.0,2.2L		CSEM	I	09 05 39 52.2-42	38.68N	28.58W	8-10	1.7L,1.7L	¶8950029
SVSA	Event type ke. Error ellipse: s-maj=12.9km s-min=4.9km az=80.0.							PDA	I	09 05 39 52.2-42	38.68N	28.58W	8-10	2.6,1.7L	
CSEM	Event type ke. Error ellipse: s-maj=12.9km s-min=4.9km az=80.0. After PDA.							SVSA	Event type ke. Error ellipse: s-maj=2.9km s-min=2.0km az=95.0.						
PDA	Event type ke. Error ellipse: s-maj=12.9km s-min=4.9km az=80.0.							CSEM	Event type ke. Error ellipse: s-maj=2.9km s-min=2.0km az=95.0.						
SVSA	I	07 00 08 58.1-87	38.00N	26.42W	2-2	3.1,2.4L		PDA	Event type ke. Error ellipse: s-maj=2.9km s-min=2.0km az=95.0.						
CSEM	I	07 00 08 58.1-87	38.00N	26.42W	2	2.4L,2.4L	¶8949985	SVSA	I	10 20 25 34.9-86	39.09N	28.41W	10-0	3.2,1.9L	
PDA	I	07 00 08 58.1-87	38.00N	26.42W	2-2	3.1,2.4L		CSEM	I	10 20 25 34.9-86	39.09N	28.41W	10	1.9L,1.9L	¶8950054
SVSA	Event type ke. Error ellipse: s-maj=4.5km s-min=1.0km az=33.0.							PDA	I	10 20 25 34.9-86	39.09N	28.41W	10	3.2,1.9L	
CSEM	Event type ke. Error ellipse: s-maj=4.5km s-min=1.0km az=33.0. After PDA.							SVSA	Event type ke. Error ellipse: s-maj=5.2km s-min=2.8km az=144.0.						
PDA	Event type ke. Error ellipse: s-maj=4.5km s-min=1.0km az=33.0.							CSEM	Event type ke. Error ellipse: s-maj=5.2km s-min=2.8km az=144.0.						
SVSA	I	06 21 35 54.8-91	38.10N	26.30W	2-3	3.0,2.4L		PDA	Event type ke. Error ellipse: s-maj=5.2km s-min=2.8km az=144.0.						
CSEM	I	06 21 35 54.8-91	38.10N	26.30W	2	2.4L,2.4L	¶8949981	SVSA	I	23 04 03 20.5-42	38.62N	28.56W	10-0	2.7	
PDA	I	06 21 35 54.8-91	38.10N	26.30W	2-3	3.0,2.4L		CSEM	I	23 04 03 20.5-42	38.62N	28.56W	10	2.7	¶8950306
SVSA	Event type ke. Error ellipse: s-maj=5.4km s-min=0.8km az=37.0.							PDA	I	23 04 03 20.5-42	38.62N	28.56W	10	2.7	
CSEM	Event type ke. Error ellipse: s-maj=5.4km s-min=0.8km az=37.0. After PDA.							SVSA	Event type ke. Error ellipse: s-maj=2.0km s-min=1.2km az=151.0.						
PDA	Event type ke. Error ellipse: s-maj=5.4km s-min=0.8km az=37.0.							CSEM	Event type ke. Error ellipse: s-maj=2.0km s-min=1.2km az=151.0.						
SVSA	I	06 13 11 46.8-86	38.74N	29.07W	10-7	3.1,2.0L		PDA	Event type ke. Error ellipse: s-maj=2.0km s-min=1.2km az=151.0.						
CSEM	I	06 13 11 46.8-86	38.74N	29.07W	10-7	2.0L,2.0L	¶8949975	SVSA	I	10 20 30 23.7-86	37.77N	25.45W	4-2	2.5,1.7L	
PDA	I	06 13 11 46.8-86	38.74N	29.07W	10-7	3.1,2.0L		CSEM	I	10 20 30 23.7-86	37.77N	25.45W	10	1.7L,1.7L	¶8950055
SVSA	Event type ke. Error ellipse: s-maj=12.0km s-min=7.1km az=38.0.							PDA	I	10 20 30 23.7-86	37.77N	25.45W	4-2	2.5,1.7L	
CSEM	Event type ke. Error ellipse: s-maj=12.0km s-min=7.1km az=38.0. After PDA.							SVSA	Event type ke. Error ellipse: s-maj=2.7km s-min=2.0km az=80.0.						
PDA	Event type ke. Error ellipse: s-maj=12.0km s-min=7.1km az=38.0.							CSEM	Event type ke. Error ellipse: s-maj=2.7km s-min=2.0km az=80.0.						
SVSA	I	06 07 37 47.2-48	38.49N	28.38W	3-5	2.9,1.2L		PDA	Event type ke. Error ellipse: s-maj=2.7km s-min=2.0km az=80.0.						
CSEM	I	06 07 37 47.2-48	38.49N	28.38W	3-5	1.2L,1.2L	¶8949970	SVSA	III	11 21 20 06.3-99	38.62N	28.56W	6-5	2.8,1.6L	
PDA	I	06 07 37 47.2-48	38.49N	28.38W	3-5	2.9,1.2L		CSEM	III	11 21 20 06.3-99	38.62N	28.56W	6-5	1.6L,1.6L	¶10602105
SVSA	Event type ke. Error ellipse: s-maj=4.1km s-min=1.6km az=58.0.							PDA	III	11 21 20 06.3-99	38.62N	28.56W	6-5	2.8,1.6L	
CSEM	Event type ke. Error ellipse: s-maj=4.1km s-min=1.6km az=58.0. After PDA.							SVSA	Event type ke. Error ellipse: s-maj=2.6km s-min=2.5km az=162.0.						
PDA	Event type ke. Error ellipse: s-maj=4.1km s-min=1.6km az=58.0.							CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=2.5km az=162.0.						
SVSA	I	03 11 35 49.4-52	38.63N	28.44W	10-0	2.6		PDA	Event type ke. Error ellipse: s-maj=2.6km s-min=2.5km az=162.0.						
CSEM	I	03 11 35 49.4-52	38.63N	28.44W	10	2.6	¶8949909	SVSA	V	30 06 22 29.1-68	38.97N	27.92W	6-7	2.6,0.9L	
PDA	I	03 11 35 49.4-52	38.63N	28.44W	10	2.6		CSEM	V	30 06 22 29.1-68</					

PDA Event type ke. Error ellipse: s-maj=8.2km s-min=4.5km az=16.0.

SVSA VI 25 19 14 39.7-1.5 **38.58N** **28.59W** **10-0** **2.8,1.1L**

CSEM VI 25 19 14 39.7-1.5 **38.58N** **28.59W** **10-0** **1.1L,1.1L**

PDA VI 25 19 14 39.7-1.5 **38.58N** **28.59W** **10** **2.8,1.1L**

SVSA Event type ke. Error ellipse: s-maj=6.3km s-min=4.3km az=171.0.

PDA Event type ke. Error ellipse: s-maj=6.3km s-min=4.3km az=171.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=6.3km s-min=4.3km az=171.0.

SVSA VI 25 18 05 02.1-50 **38.80N** **28.64W** **12-3** **2.9,1.4L**

CSEM VI 25 18 05 02.1-50 **38.80N** **28.64W** **12-3** **1.4L,1.4L**

PDA VI 25 18 05 02.1-50 **38.80N** **28.64W** **12-3** **2.9,1.4L**

SVSA Event type ke. Error ellipse: s-maj=3.3km s-min=2.5km az=124.0.

CSEM Event type ke. Error ellipse: s-maj=3.3km s-min=2.5km az=124.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=3.3km s-min=2.5km az=124.0.

SVSA VI 25 17 36 36.4-1.0 **38.60N** **28.56W** **8-7** **2.9,0.7L**

CSEM VI 25 17 36 36.4-1.0 **38.60N** **28.56W** **8-7** **0.7L,0.7L**

PDA VI 25 17 36 36.4-1.0 **38.60N** **28.56W** **8-7** **2.9,0.7L**

SVSA Event type ke. Error ellipse: s-maj=7.2km s-min=3.0km az=40.0.

CSEM Event type ke. Error ellipse: s-maj=7.2km s-min=3.0km az=40.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=7.2km s-min=3.0km az=40.0.

SVSA VI 25 06 55 59.2-1.3 **39.07N** **28.47W** **0-8** **3.3,1.9L**

CSEM VI 25 06 55 59.2-1.3 **39.07N** **28.47W** **0-8** **1.9L,1.9L**

PDA VI 25 06 55 59.2-1.3 **39.07N** **28.47W** **0-8** **3.3,1.9L**

SVSA Event type ke. Error ellipse: s-maj=6.6km s-min=3.3km az=139.0.

CSEM Event type ke. Error ellipse: s-maj=6.6km s-min=3.3km az=139.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=6.6km s-min=3.3km az=139.0.

SVSA VI 25 03 47 16.9-1.1 **39.09N** **28.49W** **1-10** **3.3,1.7L**

CSEM VI 25 03 47 16.9-1.1 **39.09N** **28.49W** **1-10** **1.7L,1.7L**

PDA VI 25 03 47 16.9-1.1 **39.09N** **28.49W** **1-10** **3.3,1.7L**

SVSA Event type ke. Error ellipse: s-maj=8.1km s-min=3.7km az=139.0.

CSEM Event type ke. Error ellipse: s-maj=8.1km s-min=3.7km az=139.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=8.1km s-min=3.7km az=139.0.

SVSA VI 25 03 37 09.6-1.2 **39.13N** **28.48W** **0-9** **3.0,1.6L**

CSEM VI 25 03 37 09.6-1.2 **39.13N** **28.48W** **0-9** **1.6L,1.6L**

PDA VI 25 03 37 09.6-1.2 **39.13N** **28.48W** **0-9** **3.0,1.6L**

SVSA Event type ke. Error ellipse: s-maj=7.5km s-min=3.2km az=150.0.

CSEM Event type ke. Error ellipse: s-maj=7.5km s-min=3.2km az=150.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=7.5km s-min=3.2km az=150.0.

SVSA VI 25 03 28 49.7-1.0 **39.13N** **28.49W** **0-5** **3.2,2.2L**

CSEM VI 25 03 28 49.7-1.0 **39.13N** **28.49W** **0-5** **2.2L,2.2L**

PDA VI 25 03 28 49.7-1.0 **39.13N** **28.49W** **0-5** **3.2,2.2L**

SVSA Event type ke. Error ellipse: s-maj=5.5km s-min=2.2km az=148.0.

CSEM Event type ke. Error ellipse: s-maj=5.5km s-min=2.2km az=148.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=5.5km s-min=2.2km az=148.0.

SVSA VI 23 19 57 00.2-1.1 **38.24N** **26.71W** **5-7** **3.6,3.0L**

CSEM VI 23 19 57 00.2-1.1 **38.24N** **26.71W** **5-7** **3.0L,3.0L**

PDA VI 23 19 57 00.2-1.1 **38.24N** **26.71W** **5-7** **3.6,3.0L**

SVSA Event type ke. Error ellipse: s-maj=5.3km s-min=3.4km az=35.0.

CSEM Event type ke. Error ellipse: s-maj=5.3km s-min=3.4km az=35.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=5.3km s-min=3.4km az=35.0.

SVSA VI 23 08 36 43.8-98 **39.13N** **28.42W** **6-8** **2.9,1.3L**

CSEM VI 23 08 36 43.8-98 **39.13N** **28.42W** **6-8** **1.3L,1.3L**

PDA VI 23 08 36 43.8-98 **39.13N** **28.42W** **6-8** **2.9,1.3L**

SVSA Event type ke. Error ellipse: s-maj=6.0km s-min=3.9km az=153.0.

CSEM Event type ke. Error ellipse: s-maj=6.0km s-min=3.9km az=153.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=6.0km s-min=3.9km az=153.0.

SVSA VI 22 16 24 45.8-67 **38.63N** **28.95W** **11-3** **2.9,1.3L**

CSEM VI 22 16 24 45.8-67 **38.63N** **28.95W** **11-3** **1.3L,1.3L**

PDA VI 22 16 24 45.8-67 **38.63N** **28.95W** **11-3** **2.9,1.3L**

SVSA Event type ke. Error ellipse: s-maj=7.3km s-min=5.3km az=38.0.

CSEM Event type ke. Error ellipse: s-maj=7.3km s-min=5.3km az=38.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=7.3km s-min=5.3km az=38.0.

SVSA VI 21 11 27 14.3-78 **38.65N** **28.55W** **6-5** **2.6,1.1L**

CSEM VI 21 11 27 14.3-78 **38.65N** **28.55W** **6-5** **1.1L,1.1L**

PDA VI 21 11 27 14.3-78 **38.65N** **28.55W** **6-5** **2.6,1.1L**

SVSA Event type ke. Error ellipse: s-maj=3.0km s-min=1.9km az=145.0.

CSEM Event type ke. Error ellipse: s-maj=3.0km s-min=1.9km az=145.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=3.0km s-min=1.9km az=145.0.

SVSA VI 19 19 31 18.1-1.0 **37.98N** **26.35W** **4-4** **2.7,2.4L**

CSEM VI 19 19 31 18.1-1.0 **37.98N** **26.35W** **4-4** **2.4L,2.4L**

PDA VI 19 19 31 18.1-1.0 **37.98N** **26.35W** **4-4** **2.7,2.4L**

SVSA Event type ke. Error ellipse: s-maj=5.2km s-min=1.5km az=31.0.

CSEM Event type ke. Error ellipse: s-maj=5.2km s-min=1.5km az=31.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=5.2km s-min=1.5km az=31.0.

SVSA VI 19 03 27 59.0-91 **38.02N** **26.45W** **3-4** **2.8,2.1L**

CSEM VI 19 03 27 59.0-91 **38.02N** **26.45W** **3-4** **2.1L,2.1L**

PDA VI 19 03 27 59.0-91 **38.02N** **26.45W** **3-4** **2.8,2.1L**

SVSA Event type ke. Error ellipse: s-maj=4.9km s-min=1.9km az=35.0.

CSEM Event type ke. Error ellipse: s-maj=4.9km s-min=1.9km az=35.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=4.9km s-min=1.9km az=35.0.

SVSA VI 18 04 18 24.6-1.8 **38.80N** **27.74W** **8-13** **2.6,1.4L**

CSEM VI 18 04 18 24.6-1.8 **38.80N** **27.74W** **8-13** **1.4L,1.4L**

PDA VI 18 04 18 24.6-1.8 **38.80N** **27.74W** **8-13** **2.6,1.4L**

SVSA Event type ke. Error ellipse: s-maj=5.4km s-min=4.5km az=78.0.

CSEM Event type ke. Error ellipse: s-maj=5.4km s-min=4.5km az=78.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=5.4km s-min=4.5km az=78.0.

SVSA VI 18 03 03 25.8-1.7 **38.60N** **28.55W** **5-7** **2.9,1.1L**

CSEM VI 18 03 03 25.8-1.7 **38.60N** **28.55W** **5-7** **1.1L,1.1L**

PDA VI 18 03 03 25.8-1.7 **38.60N** **28.55W** **5-7** **2.9,1.1L**

SVSA Event type ke. Error ellipse: s-maj=5.4km s-min=3.5km az=159.0.

CSEM Event type ke. Error ellipse: s-maj=5.4km s-min=3.5km az=159.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=5.4km s-min=3.5km az=159.0.

SVSA VI 18 02 29 54.0-53 **38.62N** **28.61W** **5-4** **2.8,0.9L**

CSEM VI 18 02 29 54.0-53 **38.62N** **28.61W** **5-4** **0.9L,0.9L**

PDA VI 18 02 29 54.0-53 **38.62N** **28.61W** **5-4** **2.8,0.9L**

SVSA Event type ke. Error ellipse: s-maj=2.5km s-min=1.5km az=155.0.

CSEM Event type ke. Error ellipse: s-maj=2.5km s-min=1.5km az=155.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=2.5km s-min=1.5km az=155.0.

SVSA VI 17 21 11 37.1-93 **38.60N** **28.61W** **14-9** **2.8,1.6L**

CSEM VI 17 21 11 37.1-93 **38.60N** **28.61W** **14-9** **1.6L,1.6L**

PDA VI 17 21 11 37.1-93 **38.60N** **28.61W** **14-9** **2.8,1.6L**

SVSA Event type ke. Error ellipse: s-maj=5.8km s-min=5.4km az=158.0.

CSEM Event type ke. Error ellipse: s-maj=5.8km s-min=5.4km az=158.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=5.8km s-min=5.4km az=158.0.

SVSA VI 17 11 51 26.7-1.2 **38.59N** **28.57W** **18-8** **3.0,1.8L**

CSEM VI 17 11 51 26.7-1.2 **38.59N** **28.57W** **18-8** **1.8L,1.8L**

PDA VI 17 11 51 26.7-1.2 **38.59N** **28.57W** **18-8** **3.0,1.8L**

SVSA Event type ke. Error ellipse: s-maj=4.8km s-min=4.0km az=47.0.

CSEM Event type ke. Error ellipse: s-maj=4.8km s-min=4.0km az=47.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=4.8km s-min=4.0km az=47.0.

SVSA VI 16 12 25 57.7-95 **38.47N** **28.41W** **10-3** **3.0,1.9L**

CSEM VI 16 12 25 57.7-95 **38.47N** **28.41W** **10-3** **1.9L,1.9L**

PDA VI 16 12 25 57.7-95 **38.47N** **28.41W** **10-3** **3.0,1.9L**

SVSA Event type ke. Error ellipse: s-maj=3.5km s-min=2.4km az=180.0.

CSEM Event type ke. Error ellipse: s-maj=3.5km s-min=2.4km az=180.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=3.5km s-min=2.4km az=180.0.

SVSA VI 16 01 16 36.4-1.7 **38.64N** **28.53W** **7-4** **3.1,2.2L**

CSEM VI 16 01 16 36.4-1.7 **38.64N** **28.53W** **7-4** **2.2L,2.2L**

PDA VI 16 01 16 36.4-1.7 **38.64N** **28.53W** **7-4** **3.1,2.2L**

SVSA Event type ke. Error ellipse: s-maj=3.1km s-min=3.0km az=48.0.

CSEM Event type ke. Error ellipse: s-maj=3.1km s-min=3.0km az=48.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=3.1km s-min=3.0km az=48.0.

SVSA VI 13 03 10 26.9-1.1 **38.60N** **28.54W** **4-7** **2.7,1.0L**

CSEM VI 13 03 10 26.9-1.1 **38.60N** **28.54W** **4-7** **1.0L,1.0L**

PDA VI 13 03 10 26.9-1.1 **38.60N** **28.54W** **4-7** **2.7,1.0L**

SVSA Event type ke. Error ellipse: s-maj=3.8km s-min=2.8km az=130.0.

CSEM Event type ke. Error ellipse: s-maj=3.8km s-min=2.8km az=130.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=3.8km s-min=2.8km az=130.0.

SVSA VI 12 13 03 27.2-45 **38.62N** **28.49W** **12-5** **2.6,1.5L**

CSEM VI 12 13 03 27.2-45 **38.62N** **28.49W** **12-5** **1.5L,1.5L**

PDA VI 12 13 03 27.2-45 **38.62N** **28.49W** **12-5** **2.6,1.5L**

SVSA Event type ke. Error ellipse: s-maj=1.7km s-min=1.5km az=167.0.

CSEM Event type ke. Error ellipse: s-maj=1.7km s-min=1.5km az=167.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=1.7km s-min=1.5km az=167.0.

SVSA VI 11 03 05 43.8-75 **38.84N** **29.07W** **0-9** **3.0,1.7L**

CSEM VI 11 03 05 43.8-75 **38.84N** **29.07W** **0-9** **1.7L,1.7L**

PDA VI 11 03 05 43.8-75 **38.84N** **29.07W** **0-9** **3.0,1.7L**

SVSA Event type ke. Error ellipse: s-maj=13.5km s-min=4.4km az=86.0.

CSEM Event type ke. Error ellipse: s-maj=13.5km s-min=4.4km az=86.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=13.5km s-min=4.4km az=86.0.

SVSA VI 11 00 51 59.9-80 **38.90N** **29.10W** **0-0** **3.2,1.8L**

CSEM VI 11 00 51 59.9-80 **38.90N** **29.10W** **0** **1.8L,1.8L**

PDA VI 11 00 51 59.9-80 **38.90N** **29.10W** **0** **3.2,1.8L**

SVSA Event type ke. Error ellipse: s-maj=8.3km s-min=4.8km az=63.0.

CSEM Event type ke. Error ellipse: s-maj=8.3km s-min=4.8km az=63.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=8.3km s-min=4.8km az=63.0.

SVSA VI 10 03 15 27.3-1.2 **38.91N** **29.12W** **1-12** **3.1,1.9L**

CSEM VI 10 03 15 27.3-1.2 **38.91N** **29.12W** **1-12** **1.9L,1.9L**

PDA VI 10 03 15 27.3-1.2 **38.91N** **29.12W** **1-12** **3.1,1.9L**

SVSA Event type ke. Error ellipse: s-maj=23.6km s-min=6.0km az=75.0.

CSEM Event type ke. Error ellipse: s-maj=23.6km s-min=6.0km az=75.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=23.6km s-min=6.0km az=75.0.

SVSA VI 08 00 53 43.6-1.0 **38.69N** **29.59W** **10-0** **3.4,2.4L**

CSEM VI 08 00 53 43.6-1.0 **38.69N** **29.59W** **10** **2.4L,2.4L**

PDA VI 08 00 53 43.6-1.0 **38.69N** **29.59W** **10** **3.4,2.4L**

SVSA Event type ke. Error ellipse: s-maj=12.6km s-min=6.6km az=14.0.

CSEM Event type ke. Error ellipse: s-maj=12.6km s-min=6.6km az=14.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=12.6km s-min=6.6km az=14.0.

SVSA VI 05 23 33 21.3-93 **38.70N** **29.30W** **8-7** **3.3,2.5L**

CSEM VI 05 23 33 21.3-93 **38.70N** **29.30W** **8-7** **2.5L,2.5L**

PDA VI 05 23 33 21.3-93 **38.70N** **29.30W** **8-7** **3.3,2.5L**

SVSA Event type ke. Error ellipse: s-maj=14.6km s-min=6.2km az=17.0.

CSEM Event type ke. Error ellipse: s-maj=14.6km s-min=6.2km az=17.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=14.6km s-min=6.2km az=17.0.

SVSA VI 05 19 50 01.9-82 **38.69N** **28.97W** **3-4** **3.0,2.1L**

CSEM VI 05 19 50 01.9-82 **38.69N** **28.97W** **3-4** **2.1L,2.1L**

PDA VI 05 19 50 01.9-82 **38.69N** **28.97W** **3-4** **3.0,2.1L**

SVSA Event type ke. Error ellipse: s-maj=6.9km s-min=4.1km az=34.0.

CSEM Event type ke. Error ellipse: s-maj=6.9km s-min=4.1km az=34.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=6.9km s-min=4.1km az=34.0.

SVSA VI 08 19 18 49.1-30 **38.62N** **28.61W** **19-3** **2.6**

CSEM VI 08 19 18 49.1-30 **38.62N** **28.61W** **19-3** **2.6**

PDA VI 08 19 18 49.1-30 **38.62N** **28.61W** **19-3** **2.6**

SVSA Event type ke. Error ellipse: s-maj=2.0km s-min=1.7km az=175.0.

CSEM Event type ke. Error ellipse: s-maj=2.0km s-min=1.7km az=175.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=2.0km s-min=1.7km az=175.0.

SVSA VI 05 03 02 00.2-81 **38.61N** **28.62W** **17-7** **2.8,1.8L**

CSEM VI 05 03 02 00.2-81 **38.61N** **28.62W** **17-7** **1.8L,1.8L**

PDA VI 05 03 02 00.2-81 **38.61N** **28.62W** **17-7** **2.8,1.8L**

SVSA Event type ke. Error ellipse: s-maj=5.1km s-min=4.0km az=59.0.

CSEM Event type ke. Error ellipse: s-maj=5.1km s-min=4.0km az=59.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=5.1km s-min=4.0km az=59.0.

SVSA VI 04 20 45 54.0-49 **38.54N** **28.62W** **14-4** **2.8,1.4L**

CSEM VI 04 20 45 54.0-49 **38.54N** **28.62W** **14-4** **1.4L,1.4L**

PDA VI 04 20 45 54.0-49 **38.54N** **28.62W** **14-4** **2.8,1.4L**

SVSA Event type ke. Error ellipse: s-maj=4.6km s-min=2.0km az=48.0.

CSEM Event type ke. Error ellipse: s-maj=4.6km s-min=2.0km az=48.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=4.6km s-min=2.0km az=48.0.

SVSA VI 04 20 09 46.6-84 **38.61N** **28.61W** **16-10** **2.7,1.3L**

CSEM VI 04 20 09 46.6-84 **38.61N** **28.61W** **16-10** **1.3L,1.3L**

PDA VI 04 20 09 46.6-84 **38.61N** **28.61W** **16-10** **2.7,1.3L**

SVSA Event type ke. Error ellipse: s-maj=6.0km s-min=4.8km az=62.0.

CSEM Event type ke. Error ellipse: s-maj=6.0km s-min=4.8km az=62.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=6.0km s-min=4.8km az=62.0.

SVSA VI 04 20 19 23.6-89 **38.97N** **27.90W** **3-6** **3.1,1.4L**

CSEM VI 04 20 19 23.6-89 **38.97N** **27.90W** **3-6** **1.4L,1.4L**

PDA VI 04 20 19 23.6-89 **38.97N** **27.90W** **3-6** **3.1,1.4L**

SVSA Event type ke. Error ellipse: s-maj=5.6km s-min=3.3km az=86.0.

CSEM Event type ke. Error ellipse: s-maj=5.6km s-min=3.3km az=86.0. After PDA.

PDA Event type ke. Error ellipse: s-maj=5.6km s-min=3.3km az=86.0.

SVSA VI 04 00 56 42.2-48 **38.63N** **28.57W** **18-5** **2.7,1.3L**

CSEM VI 04 00 56 42.2-48 **38.63N** **28.57W** **18-5** **1.3L,1.3L**

PDA VI 04 00 56 42.2-48 **38.63N** **28.57W** **18-5** **2.7,1.3L**

SVSA Event type ke. Error ellipse: s-maj=2.5km s-min=2.5km az=155.0.

CSEM Event type ke. Error ellipse: s-maj=2.5km s-min=2.5km az=155.0. After PDA.

PDA Event type ke. Error ellipse:

SVSA	Event type ke. Error ellipse: s-maj=5.0km s-min=2.2km az=164.0.				
CSEM	Event type ke. Error ellipse: s-maj=5.0km s-min=2.2km az=164.0. After PDA.				
PDA	Event type ke. Error ellipse: s-maj=5.0km s-min=2.2km az=164.0.				
SVSA	VI 01 04 51 13.7-86 39.02N 27.93W 14-4 3.1,1.0L				
CSEM	VI 01 04 51 13.7-86 39.02N 27.93W 14-4 3.1,1.0L				
PDA	VI 01 04 51 13.7-86 39.02N 27.93W 14-4 3.1,1.0L				
SVSA	Event type ke. Error ellipse: s-maj=9.7km s-min=6.6km az=94.0.				
CSEM	Event type ke. Error ellipse: s-maj=9.7km s-min=6.6km az=94.0.				
PDA	Event type ke. Error ellipse: s-maj=9.7km s-min=6.6km az=94.0. After PDA.				
SVSA	VI 01 12 15 29.4-92 39.02N 27.88W 13-6 3.1,1.2L				
CSEM	VI 01 12 15 29.4-92 39.02N 27.88W 13-6 3.1,1.2L				
PDA	VI 01 12 15 29.4-92 39.02N 27.88W 13-6 3.1,1.2L				
SVSA	Event type ke. Error ellipse: s-maj=8.3km s-min=7.1km az=87.0.				
CSEM	Event type ke. Error ellipse: s-maj=8.3km s-min=7.1km az=87.0.				
PDA	Event type ke. Error ellipse: s-maj=8.3km s-min=7.1km az=87.0. After PDA.				
SVSA	VI 01 07 48 03.0-64 39.01N 27.86W 6-7 3.1				
CSEM	VI 01 07 48 03.0-64 39.01N 27.86W 6-7 3.1				
PDA	VI 01 07 48 03.0-64 39.01N 27.86W 6-7 3.1				
SVSA	Event type ke. Error ellipse: s-maj=6.5km s-min=6.2km az=70.0.				
CSEM	Event type ke. Error ellipse: s-maj=6.5km s-min=6.2km az=70.0.				
PDA	Event type ke. Error ellipse: s-maj=6.5km s-min=6.2km az=70.0. After PDA.				
SVSA	VI 01 12 11 23.8-86 38.96N 27.86W 1-4 2.7,1.4L				
CSEM	VI 01 12 11 23.8-86 38.96N 27.86W 1-4 2.7,1.4L				
PDA	VI 01 12 11 23.8-86 38.96N 27.86W 1-4 2.7,1.4L				
SVSA	Event type ke. Error ellipse: s-maj=5.6km s-min=1.7km az=77.0.				
CSEM	Event type ke. Error ellipse: s-maj=5.6km s-min=1.7km az=77.0.				
PDA	Event type ke. Error ellipse: s-maj=5.6km s-min=1.7km az=77.0. After PDA.				
SVSA	VI 01 08 16 33.8-79 38.96N 27.86W 2-4 2.6,1.0L				
CSEM	VI 01 08 16 33.8-79 38.96N 27.86W 2-4 2.6,1.0L				
PDA	VI 01 08 16 33.8-79 38.96N 27.86W 2-4 2.6,1.0L				
SVSA	Event type ke. Error ellipse: s-maj=5.5km s-min=2.8km az=64.0.				
CSEM	Event type ke. Error ellipse: s-maj=5.5km s-min=2.8km az=64.0.				
PDA	Event type ke. Error ellipse: s-maj=5.5km s-min=2.8km az=64.0. After PDA.				
SVSA	VI 01 07 53 12.8-55 38.77N 29.12W 0-8 3.3,2.1L				
CSEM	VI 01 07 53 12.8-55 38.77N 29.12W 0-8 3.3,2.1L				
PDA	VI 01 07 53 12.8-55 38.77N 29.12W 0-8 3.3,2.1L				
SVSA	Event type ke. Error ellipse: s-maj=14.1km s-min=3.7km az=60.0.				
CSEM	Event type ke. Error ellipse: s-maj=14.1km s-min=3.7km az=60.0.				
PDA	Event type ke. Error ellipse: s-maj=14.1km s-min=3.7km az=60.0. After PDA.				
SVSA	VI 01 04 49 29.7-1.2 38.97N 27.90W 1-3 3.2,2.6L				
CSEM	VI 01 04 49 29.7-1.2 38.97N 27.90W 1-3 3.2,2.6L				
PDA	VI 01 04 49 29.7-1.2 38.97N 27.90W 1-3 3.2,2.6L				
SVSA	Event type ke. Error ellipse: s-maj=1.9km s-min=1.7km az=52.0.				
CSEM	Event type ke. Error ellipse: s-maj=1.9km s-min=1.7km az=52.0.				
PDA	Event type ke. Error ellipse: s-maj=1.9km s-min=1.7km az=52.0. After PDA.				
SVSA	VI 01 03 00 10.5-98 38.94N 27.94W 0-8 2.7,1.2L				
CSEM	VI 01 03 00 10.5-98 38.94N 27.94W 0-8 2.7,1.2L				
PDA	VI 01 03 00 10.5-98 38.94N 27.94W 0-8 2.7,1.2L				
SVSA	Event type ke. Error ellipse: s-maj=6.4km s-min=4.8km az=57.0.				
CSEM	Event type ke. Error ellipse: s-maj=6.4km s-min=4.8km az=57.0.				
PDA	Event type ke. Error ellipse: s-maj=6.4km s-min=4.8km az=57.0. After PDA.				
SVSA	VI 01 02 38 50.4-1.1 38.97N 27.88W 0-8 3.1,1.4L				
CSEM	VI 01 02 38 50.4-1.1 38.97N 27.88W 0-8 3.1,1.4L				
PDA	VI 01 02 38 50.4-1.1 38.97N 27.88W 0-8 3.1,1.4L				
SVSA	Event type ke. Error ellipse: s-maj=4.3km s-min=3.1km az=160.0.				
CSEM	Event type ke. Error ellipse: s-maj=4.3km s-min=3.1km az=160.0.				
PDA	Event type ke. Error ellipse: s-maj=4.3km s-min=3.1km az=160.0. After PDA.				
SVSA	VI 01 01 57 56.6-1.0 38.96N 27.83W 1-5 2.7,1.0L				
CSEM	VI 01 01 57 56.6-1.0 38.96N 27.83W 1-5 2.7,1.0L				
PDA	VI 01 01 57 56.6-1.0 38.96N 27.83W 1-5 2.7,1.0L				
SVSA	Event type ke. Error ellipse: s-maj=10.0km s-min=3.0km az=82.0.				
CSEM	Event type ke. Error ellipse: s-maj=10.0km s-min=3.0km az=82.0.				
PDA	Event type ke. Error ellipse: s-maj=10.0km s-min=3.0km az=82.0. After PDA.				
SVSA	VI 01 01 42 02.5-82 38.99N 27.90W 9-5 3.1,1.1L				
CSEM	VI 01 01 42 02.5-82 38.99N 27.90W 9-5 3.1,1.1L				
PDA	VI 01 01 42 02.5-82 38.99N 27.90W 9-5 3.1,1.1L				
SVSA	Event type ke. Error ellipse: s-maj=6.9km s-min=3.3km az=95.0.				
CSEM	Event type ke. Error ellipse: s-maj=6.9km s-min=3.3km az=95.0.				
PDA	Event type ke. Error ellipse: s-maj=6.9km s-min=3.3km az=95.0. After PDA.				
SVSA	VI 01 01 26 38.9-1.1 38.95N 27.92W 0-8 2.7,1.4L				
CSEM	VI 01 01 26 38.9-1.1 38.95N 27.92W 0-8 2.7,1.4L				
PDA	VI 01 01 26 38.9-1.1 38.95N 27.92W 0-8 2.7,1.4L				
SVSA	Event type ke. Error ellipse: s-maj=4.0km s-min=2.6km az=156.0.				
CSEM	Event type ke. Error ellipse: s-maj=4.0km s-min=2.6km az=156.0.				
PDA	Event type ke. Error ellipse: s-maj=4.0km s-min=2.6km az=156.0. After PDA.				
SVSA	VI 15 21 27 43.0-95 38.66N 28.57W 5-0 2.8,1.1L				
CSEM	VI 15 21 27 43.0-95 38.66N 28.57W 5-0 2.8,1.1L				
PDA	VI 15 21 27 43.0-95 38.66N 28.57W 5-0 2.8,1.1L				
SVSA	Event type ke. Error ellipse: s-maj=3.7km s-min=2.4km az=165.0.				
CSEM	Event type ke. Error ellipse: s-maj=3.7km s-min=2.4km az=165.0.				
PDA	Event type ke. Error ellipse: s-maj=3.7km s-min=2.4km az=165.0. After PDA.				
SVSA	III 31 10 34 31.4-1.7 37.95N 26.18W 6-7 3.1L,2.9				
CSEM	III 31 10 34 31.4-1.7 37.95N 26.18W 6-7 3.1L,2.9				
PDA	III 31 10 34 31.4-1.7 37.95N 26.18W 6-7 3.1L,2.9				
SVSA	Event type ke. Error ellipse: s-maj=8.8km s-min=2.0km az=37.0.				
CSEM	Event type ke. Error ellipse: s-maj=8.8km s-min=2.0km az=37.0.				
PDA	Event type ke. Error ellipse: s-maj=8.8km s-min=2.0km az=37.0. After PDA.				

(406) Central Mid-Atlantic Ridge.

ISC	IV 08 22 03 04.6-24 0.19S-04 18.10W-04 10 5.0b,4.8s 449 9-146				
MOS	IV 08 22 03 02.2-85 0.20S 18.04W 10 5.1b,4.7s				
IDC	IV 08 22 03 02.6-46 0.14S 18.15W 0 5.7L,4.8s				
ISCJB	IV 08 22 03 02.3-25 0.22S-04 18.07W-04 10 5.0b,4.8s				
NEIC	IV 08 22 03 03.9-20 0.25S 18.14W 10 5.0b,4.7s				
BJI	IV 08 22 03 03.9 0.30S 18.10W 10 5.6b,5.2s				
HRVD	IV 08 22 03 03.9-10 0.03S 18.08W 18-0 5.3W,5.2s				
CRAAG	IV 08 22 03 09.4 0.17S 17.98W 5 5.5b,5.2s				
SZGRF	IV 08 22 03 22.4 1.09N 16.40W 33 5.1b,4.5s				
ISC	Event type se. Error ellipse: s-maj=10.9km s-min=3.5km az=65.4.				
MOS	Error ellipse: s-maj=14.1km s-min=11.8km az=158.0.				
IDC	Event type se. Error ellipse: s-maj=6.8km s-min=4.9km az=74.6.				
ISCJB	Event type se. Error ellipse: s-maj=5.5km s-min=3.5km az=142.0.				
NEIC	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.				
HRVD	nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s66,c111; Mantle waves: s91,c169; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.18±0.02 Mm=0.49±0.01; Mm=0.30±0.02; Mm=0.09±0.03; Mm=1.10±0.02; Mr=0.41±0.04; Best double couple: NP1:φ=80.0000°, λ=176.0000°, λ=176.0000°; NP2:φ=349.0000°, λ=87.0000°, λ=20.0000°. Principal axes: T 1.3230,Plg12.0000°,AzM36.0000°; N -0.1660,Plg70.0000°,AzM160.0000°; P -1.1640,Plg17.0000°,AzM303.0000°; M1.24300×10 ¹⁷				
SZGRF	North of Ascension Island.				
ISC	IV 10 03 34 18.0-88 0.7N-20 26.8W-20 10 3.8s,3.7b 8 11-150				
ISCJB	IV 10 03 34 15.5-92 0.6N-20 26.8W-20 10 3.8s,3.7b				
IDC	IV 10 03 34 17.0-1.1 0.88N 26.75W 0 3.9,3.8s				
NEIC	IV 10 03 34 18.1-76 0.76N 26.82W 10 3.9,3.8s				
ISC	Event type se. Error ellipse: s-maj=41.0km s-min=14.1km az=117.2.				
ISCJB	Error ellipse: s-maj=51.7km s-min=23.5km az=154.0.				
IDC	Event type se. Error ellipse: s-maj=36.1km s-min=13.4km az=147.0.				
ISC	IV 10 06 26 13.8-26 7.52N-05 36.93W-04 10 5.0s,4.8b 307 13-176				
IDC	IV 10 06 26 08.4-68 7.24N 37.07W 0 4.9s,4.9				
ISCJB	IV 10 06 26 11.4-26 7.48N-05 36.91W-04 10 5.0s,4.8b				
MOS	IV 10 06 26 11.4-1.1 7.55N 36.96W 10 5.2b,5.1s				
CSEM	IV 10 06 26 12.7 7.67N 37.01W 10 5.7L,5.1s				
SZGRF	IV 10 06 26 13.0 7.72N 37.43W 14 5.0s,4.9b				
HRVD	IV 10 06 26 13.3-10 7.77N 36.98W 19-0 5.7W,4.9b				
NEIC	IV 10 06 26 13.3-25 7.51N 36.93W 10 5.6W,5.1s				
BJI	IV 10 06 26 13.3 7.50N 36.90W 10 5.6s,5.6b				
ISC	Event type se. Error ellipse: s-maj=23.3km s-min=13.7km az=154.0.				

ISCJB	Event type se. Error ellipse: s-maj=7.7km s-min=4.6km az=131.5.				
MOS	Error ellipse: s-maj=9.8km s-min=5.1km az=56.4.				
SZGRF	Central Mid-Atlantic Ridge.				
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s83,c159; Mantle waves: s104,c274; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.25±0.04 Mm=0.02±0.04; Mm=0.27±0.05; Mm=0.35±0.10; Mm=4.13±0.04; Mm=0.06±0.11; Best double couple: NP1:φ=1.0000°, λ=85.0000°, λ=0.0000°; NP2:φ=271.0000°, λ=890.0000°, λ=175.0000°. Principal axes: T 4.2770,Plg4.0000°,AzM226.0000°; N -0.2590,Plg85.0000°; P -4.0180,Plg3.0000°,AzM316.0000°; M1.14700×10 ¹⁷				
ISC	Event type se. Error ellipse: s-maj=7.3km s-min=5.0km az=157.0.				
ISCJB	8 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.04 Mm=0.06 Mm=0.02 Mm=0.03 Mm=3.29 Mr=1.27				
MOS	Best double couple: NP1:φ=180.0000°, λ=889.0000°, λ=221.0000°; NP2:φ=90.0000°, λ=869.0000°, λ=179.0000°. Principal axes: T 3.5300,Plg15.0000°,AzM47.0000°; N 0.0100,Plg69.0000°,AzM182.0000°; P -3.5300,Plg14.0000°,AzM313.0000°; M1.50000×10 ¹⁷				
IDC	IV 01 02 33 07.2-1.1 0.95N 28.04W 0 4.1,4.0				
IDC	Error ellipse: s-maj=58.0km s-min=19.2km az=149.0.				
IDC	IV 18 06 36 39.5-85 1.22S 23.95W 0 4.1,3.9				
IDC	Error ellipse: s-maj=44.3km s-min=19.8km az=147.0.				
ISC	IV 28 07 22 42.6-23 3.97N-05 31.49W-03 10 4.9b,4.6s 355 11-159				
ISCJB	IV 28 07 22 40.4-24 3.97N-05 31.45W-03 10 4.9b,4.6s				
MOS	IV 28 07 22 40.2-79 3.95N 31.45W 10 5.1b,4.6s				
IDC	IV 28 07 22 40.2-43 3.96N 31.50W 0 4.6,4.6				
BJI	IV 28 07 22 42.0 3.90N 31.50W 10 5.6b,5.3s				
HRVD	IV 28 07 22 42.0-20 3.96N 31.60W 12 5.2W,5.3s				
NEIC	IV 28 07 22 42.0-17 3.92N 31.51W 10 5.0b,5.3s				
SZGRF	IV 28 07 22 48.6 4.61N 31.75W 33 5.1b,4.6s				
ISC	Event type se. Error ellipse: s-maj=7.5km s-min=4.0km az=131.5.				
ISCJB	Error ellipse: s-maj=8.9km s-min=4.4km az=58.8.				
MOS	Error ellipse: s-maj=15.1km s-min=10.4km az=146.0.				
IDC	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s64,c101; Mantle waves: s86,c163; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=1.53±12 Mm=1.04±11; Mm=0.48±12; Mm=0.04±29; Mm=7.17±0; Mm=0.68±32; Best double couple: NP1:φ=269.0000°, λ=884.0000°, λ=178.0000°; NP2:φ=179.0000°, λ=888.0000°, λ=6.0000°. Principal axes: T 7.9580,Plg3.0000°,AzM224.0000°; N -1.4970,Plg83.0000°,AzM338.0000°; P -6.4690,Plg6.0000°,AzM134.0000°; M1.21300×10 ¹⁶				
NEIC	Event type se. Error ellipse: s-maj=5.4km s-min=3.2km az=152.0.				
SZGRF	Central Mid-Atlantic Ridge.				
IDC	IV 21 04 16 33.2-1.4 8.31N 39.88W 0 3.9b,3.9				
IDC	Error ellipse: s-maj=38.5km s-min=29.4km az=147.0.				
IDC	IV 10 06 37 38.4-1.2 7.83N 37.85W 0 4.0,3.8b				
IDC	Error ellipse: s-maj=42.2km s-min=24.7km az=134.0.				
ISC	III 09 17 55 56.3-20 0.77N-04 26.11W-03 10 5.6s,5.3b 644 12-169				
SZGRF	III 09 17 55 43.3-26 1.43S 25.48W 7 5.5s,5.3b				
IDC	III 09 17 55 53.5 0.82N 26.22W 0 5.5s,5.5				
IGIL	III 09 17 55 53.3 0.60N 26.10W 10 5.3s,5.5				
ISCJB	III 09 17 55 54.1-20 0.76N-04 26.08W-03 10 5.6s,5.3b				
CRAAG	III 09 17 55 54.2 0.62N 26.07W 10 5.8W,5.3b				
BJI	III 09 17 55 55.3 0.80N 26.10W 10 6.0s,5.7b				
NEIC	III 09 17 55 55.4-25 0.79N 26.13W 10 5.9W,5.6s				
HRVD					

ISCJB	Event type se. Error ellipse: s-maj=16.4km s-min=10.5km az=116.3.								
IDC	Error ellipse: s-maj=23.1km s-min=14.5km az=146.0.								
NEIC	Event type se. Error ellipse: s-maj=16.6km s-min=11.2km az=140.0.								
IDC	I 30 04 30 21.6-1.2 5.47N 32.66W 0 4.0,3.8s								
IDC	Error ellipse: s-maj=42.3km s-min=24.8km az=148.0.								
IDC	I 30 07 16 45.5-1.3 5.34N 32.12W 0 3.8,3.7s								
IDC	Error ellipse: s-maj=39.5km s-min=26.3km az=147.0.								
ISC	V 24 17 58 07.0-46 3.9N-10 32.10W-10 10 4.3b,4.3s 42 25-97								
ISCJB	V 24 17 58 04.8-46 3.9N-10 32.06W-10 10 4.3b,4.3s								
MOS	V 24 17 58 04.8-87 3.89N 32.08W 10 4.8b,4.3s								
IDC	V 24 17 58 05.1-61 3.86N 32.06W 0 4.5,4.4b								
NEIC	V 24 17 58 06.5-38 3.84N 32.09W 10 4.6b,4.4b								
HRVD	V 24 17 58 06.5-20 3.94N 32.08W 21-1 5.1W,4.4b								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=19.8km s-min=8.7km az=104.8.								
MOS	Error ellipse: s-maj=28.9km s-min=11.2km az=51.6.								
IDC	Error ellipse: s-maj=26.1km s-min=12.4km az=143.0.								
NEIC	Event type se. Error ellipse: s-maj=16.3km s-min=7.2km az=141.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s43,c55; Mantle waves: s81,c128; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _r -0.51±.17 M ₀ 0.93±.13; M ₀ -0.42±.13; M ₀ 0.06±.24; M ₀ 5.29±.14; M ₀ -0.15±.24; Best double couple: NP1:φ=86.00000°; δ39.00000°; λ180.00000°; NP2:φ=176.00000°; δ90.00000°; λ2.00000°; Principal axes: T 5.5900,Plg1.0000°; Azm41.0000°; N -0.5100,Plg88.0000°; Azm189.0000°; P -5.0800,Plg1.0000°; Azm311.0000°; M5.33500×10 ¹⁶								
ISC	I 06 06 27 59.9-31 6.93N-06 34.22W-05 10 4.8s,4.6b 107 13-177								
IDC	I 06 06 27 54.3-65 6.91N 34.24W 0 4.7s,4.7								
ISCJB	I 06 06 27 57.6-32 6.90N-06 34.11W-05 10 4.8s,4.6b								
BJI	I 06 06 27 59.5 7.00N 34.50W 10 5.3b,5.1s								
NEIC	I 06 06 27 59.6-33 6.96N 34.47W 10 4.9s,4.8b								
HRVD	I 06 06 27 59.6-20 7.25N 34.44W 14-1 5.4W,4.8b								
SZGRF	I 06 06 28 01.2 6.40N 33.80W 33 4.8b,4.4s								
ISC	Event type se.								
IDC	Error ellipse: s-maj=19.5km s-min=15.5km az=167.0.								
ISCJB	Event type se. Error ellipse: s-maj=9.4km s-min=6.0km az=114.8.								
NEIC	Event type se. Error ellipse: s-maj=9.9km s-min=6.6km az=149.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s56,c102; Mantle waves: s81,c159; Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; M _r -0.07±.03 M ₀ -0.04±.03; M ₀ 0.00±.03; M ₀ -0.09±.05; M ₀ -1.36±.03; M ₀ -0.15±.06; Best double couple: NP1:φ=92.00000°; δ83.00000°; λ-176.00000°; NP2:φ=1.00000°; δ86.00000°; λ-7.00000°; Principal axes: T 1.3970,Plg2.0000°; Azm47.0000°; N -0.0470,Plg82.0000°; Azm151.0000°; P -1.3490,Plg7.0000°; Azm316.0000°; M1.37300×10 ¹⁷								
SZGRF	Central Mid-Atlantic Ridge. I 21 00 55 05.0-98 8.3N-20 37.9W-10 10 3.8b,3.7s 6 26-77								
ISCJB	I 21 00 55 03.1-99 8.2N-20 37.9W-10 10 3.8b,3.7s								
IDC	I 21 00 55 03.0-1.2 8.23N 37.97W 0 3.9,3.8b								
NEIC	I 21 00 55 04.6-1.2 8.26N 37.89W 10 4.9b,3.8b								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=27.1km s-min=18.8km az=118.3.								
IDC	Error ellipse: s-maj=42.4km s-min=26.9km az=143.0.								
NEIC	Event type se. Error ellipse: s-maj=28.7km s-min=27.5km az=138.0.								
ISC	I 30 09 12 32.1-64 5.6N-10 32.6W-10 10 4.0b,3.6s 10 26-95								
ISCJB	I 30 09 12 30.0-64 5.5N-10 32.6W-10 10 4.0b,3.6s								
IDC	I 30 09 12 30.1-74 5.55N 32.61W 0 4.2,4.0								
ISCJB	Error ellipse: s-maj=21.2km s-min=16.0km az=118.8.								
IDC	Error ellipse: s-maj=24.7km s-min=19.2km az=151.0.								
ISC	VI 22 01 12 02.9-2 4.34N-10 32.33W-08 12-59 4.1b,4.1s 36 11-117								
MOS	VI 22 01 12 00.4-66 4.34N 32.26W 10 4.7b,4.1s								
ISCJB	VI 22 01 12 00.4-39 4.29N-08 32.30W-07 10 4.1b,4.1s								
SZGRF	VI 22 01 12 00.5 4.35N 33.39W 33 4.5b,4.1s								
IDC	VI 22 01 12 00.5-61 4.46N 32.43W 0 4.2,4.1								
NEIC	VI 22 01 12 02.2-32 4.35N 32.35W 10 4.5b,4.1								
HRVD	VI 22 01 12 02.2-50 4.62N 32.76W 18-1 4.9W,4.1								
ISC	Event type se.								
MOS	Error ellipse: s-maj=23.6km s-min=14.7km az=136.7.								
ISCJB	Event type se. Error ellipse: s-maj=12.8km s-min=8.3km az=91.7.								
SZGRF	Central Mid-Atlantic Ridge. I 25 13 57 46.9-48 4.72N-08 32.88W-09 10 4.2b,3.9s 32 11-124								
ISCJB	VI 25 13 57 44.7-49 4.72N-09 32.88W-09 10 4.2b,3.9s								
BJI	VI 25 13 57 45.5 4.70N 33.00W 10 5.1s,5.1b								
IDC	VI 25 13 57 45.0-70 4.82N 32.94W 0 4.2,4.1								
NEIC	VI 25 13 57 46.6-38 4.73N 32.95W 10 4.6b,4.1								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=14.6km s-min=10.2km az=96.4.								
IDC	Error ellipse: s-maj=26.6km s-min=14.0km az=148.0.								
NEIC	Event type se. Error ellipse: s-maj=11.3km s-min=7.9km az=132.0.								
ISC	VI 02 21 17 17.4-73 0.9N-20 29.1W-10 10 4.1b,3.5s 13 25-152								
IDC	VI 02 21 17 15.0-88 0.83N 29.10W 0 4.2,4.1								
ISCJB	VI 02 21 17 15.1-73 0.9N-20 29.1W-10 10 4.1b,3.5s								
NEIC	VI 02 21 17 16.4-48 0.83N 29.10W 10 4.6b,3.5s								
ISC	Event type se.								
IDC	Error ellipse: s-maj=31.8km s-min=19.7km az=155.0.								
ISCJB	Event type se. Error ellipse: s-maj=22.3km s-min=15.2km az=143.9.								
NEIC	Event type se. Error ellipse: s-maj=16.3km s-min=12.0km az=158.0.								

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IDC	IV 07 09 44 28.3-3.2 2.23S 15.43W 0 4.1,4.0								
IDC	Error ellipse: s-maj=115.9km s-min=57.2km az=136.0.								
IDC	IV 09 07 12 55.5-7.8 3.15S 12.15W 0 3.9,3.8								
IDC	Error ellipse: s-maj=219.7km s-min=91.4km az=159.0.								
ISC	III 30 03 14 41.0-28 1.30S-05 15.88W-05 10 4.9b,4.6s 249 13-144								
SZGRF	III 30 03 14 26.9 3.38S 15.94W 28 5.1b,4.4s								
IDC	III 30 03 14 38.9-55 1.23S 15.87W 0 4.6s,4.6								
ISCJB	III 30 03 14 39.1-28 1.29S-05 15.88W-05 10 4.9b,4.6s								
MOS	III 30 03 14 39.3-1.1 1.33S 15.88W 14 5.2b,4.5s								
HRVD	III 30 03 14 40.7-20 1.11S 15.98W 12 5.2W,4.5s								
BJI	III 30 03 14 40.7 1.30S 15.90W 10 5.7b,4.9s								
NEIC	III 30 03 14 40.7-31 1.31S 15.92W 10 5.0b,4.9s								
ISC	Event type se.								
SZGRF	North of Ascension Island. I 29 09 34 57.5-1.6 1.0S-30 13.5W-40 10 4.2b,3.5s 6 12-142								
IDC	V 29 09 34 51.5-5.0 1.74S 13.34W 0 4.1,3.9								
ISCJB	V 29 09 34 55.5-1.6 1.0S-30 13.4W-40 10 4.2b,3.5s								
IDC	V 29 19 53 15.7-3.5 2.75S 12.14W 0 4.0,3.9s								
IDC	Error ellipse: s-maj=105.8km s-min=70.5km az=133.0.								
IDC	VI 26 20 56 53.1-8.2 2.86S 11.89W 0 3.8,3.7								
IDC	Error ellipse: s-maj=230.3km s-min=109.1km az=155.0.								
IDC	IV 27 08 16 49.2-10 5.03S 11.48W 0 4.1,4.0								
IDC	Error ellipse: s-maj=366.3km s-min=93.5km az=146.0.								
IDC	III 05 11 54 35.1-4.4 11.97S 14.97W 0 4.0,4.0								
IDC	Error ellipse: s-maj=196.7km s-min=83.0km az=130.0.								
IDC	III 30 10 59 30.7-3.5 11.00S 13.57W 0 4.2,4.2b								
IDC	Error ellipse: s-maj=161.2km s-min=18.2km az=145.0.								
IDC	II 18 09 16 33.0-10 7.40S 10.66W 0 4.0,3.8								
IDC	Error ellipse: s-maj=408.6km s-min=133.6km az=138.0.								
IDC	II 18 13 21 08.7-6.4 6.31S 11.30W 0 4.1,3.9								
IDC	Error ellipse: s-maj=205.5km s-min=97.9km az=145.0.								
IDC	II 18 14 55 25.6-8.8 6.85S 10.79W 0 4.2s,4.2								
SZGRF	II 18 14 55 53.8 1.88S 14.95W 33 4.6b,4.2								

IDC	Error ellipse: s-maj=218.1km s-min=96.8km az=168.0.								
IDC	III 11 09 00 28.7-22 2.13S 12.18W 0 3.8,3.7								
IDC	Error ellipse: s-maj=624.9km s-min=95.5km az=159.0.								
ISC	VI 26 20 57 24.4-63 3.2S-10 12.1W-10 10 4.1b,3.6s 17 12-88								
ISCJB	VI 26 20 57 22.2-63 3.2S-10 12.2W-10 10 4.1b,3.6s								
IDC	VI 26 20 57 22.6-1.1 3.27S 12.18W 0 4.2,4.1								
HRVD	VI 26 20 57 24.0-50 3.10S 12.39W 13-2 4.7W,4.1								
NEIC	VI 26 20 57 24.0-50 3.25S 12.15W 10 4.3b,4.1								
SZGRF	VI 26 20 57 28.9 2.00S 14.10W 24 4.3b,4.1								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=18.6km s-min=14.8km az=41.0.								
IDC	Error ellipse: s-maj=32.2km s-min=20.1km az=92.0.								
HRVD	Error ellipse: s-maj=4.4km s-min=6.7km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s12,c12; Mantle waves: s46,c61; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _r -1.50±.19 M ₀ 0.25±.10; M ₀ 1.25±.13; M ₀ -0.30±.34; M ₀ -0.40±.08; M ₀								

IDC Error ellipse: s-maj=311.6km s-min=93.8km az=144.0.
 SZGRF North of Ascension Island.
ISC II 18 14 59 05.3-51 6.49S-09 11.1W-10 10 4.5b 38 14-135
 IDC II 18 14 59 03.0-1.3 6.74S 10.88W 0 4.2,4.2b
 ISCJB II 18 14 59 03.0-51 6.49S-10 11.1W-10 10 4.5b,4.2b
 NEIC II 18 14 59 05.0-48 6.55S 11.06W 10 4.9b,4.2b
 HRVD II 18 14 59 04.9-50 6.05S 11.36W 12 5.0W,4.2b
 SZGRF II 18 14 59 29.5 1.85S 15.07W 33 4.8b,4.2b

ISC Event type se.
 IDC Error ellipse: s-maj=66.5km s-min=17.2km az=130.0.
 ISCJB Event type se. Error ellipse: s-maj=18.3km s-min=10.2km az=76.4.
 NEIC Event type se. Error ellipse: s-maj=17.3km s-min=9.8km az=127.0.
 HRVD Error ellipse: s-maj=3.3km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s1,c15; Mantle waves: s52,c71; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=1.12±17 Mw=1.04±18; Mw=2.16±14; Mw=3.37±58; Mw=1.32±14; Mw=0.34±55;
 Best double couple: NP1:φ=189.00000°; δ39.00000°; λ=18.00000°; NP2:φ=293.00000°; δ78.00000°; λ=128.00000°. Principal axes: T 3.0140,Plg24.0000°; Azm52.0000°; N 1.6400,Plg37.0000°; Azm302.0000°; P -4.6540,Plg44.0000°; Azm166.0000°; M3.83400×10¹⁶

SZGRF North of Ascension Island.
IDC II 20 19 21 39.6-1.1 10.42S 13.19W 0 3.9,3.8b 19571707

IDC Error ellipse: s-maj=37.3km s-min=25.4km az=124.0.
IDC II 20 19 23 30.6-2.6 9.67S 13.94W 0 4.1,3.9b 19571708

IDC Error ellipse: s-maj=197.1km s-min=28.3km az=136.0.
ISC II 20 19 26 49.5-57 10.3S-10 13.3W-10 10 4.8s,4.3b 31 3-92
 ISCJB II 20 19 26 47.8-55 10.3S-10 13.3W-10 10 4.8s,4.3b 18096143
 IDC II 20 19 26 48.0-1.1 10.31S 13.26W 0 4.1b,4.1
 MOS II 20 19 26 47.9-81 10.35S 13.22W 10 5.3b,4.1
 NEIC II 20 19 26 49.6-61 10.21S 13.37W 10 5.2b,4.8s
 HRVD II 20 19 26 49.6-20 10.54S 13.20W 12 5.1W,4.8s
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=17.5km s-min=10.7km az=102.1.
 IDC Error ellipse: s-maj=45.2km s-min=16.8km az=141.0.
 MOS Error ellipse: s-maj=26.9km s-min=13.6km az=54.9.
 NEIC Event type se. Error ellipse: s-maj=18.2km s-min=12.3km az=142.0.
 HRVD Error ellipse: s-maj=1.1km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s49,c72; Mantle waves: s82,c134; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=5.95±14 Mw=0.90±15; Mw=5.05±14; Mw=0.50±44; Mw=1.27±12; Mw=0.98±39;
 Best double couple: NP1:φ=166.00000°; δ40.00000°; λ=87.00000°; NP2:φ=342.00000°; δ50.00000°; λ=92.00000°. Principal axes: T 5.5100,Plg5.0000°; Azm74.0000°; N 0.5510,Plg2.0000°; Azm344.0000°; P -6.0590,Plg84.0000°; Azm235.0000°; M5.78500×10¹⁶

ISC II 20 19 27 33.4-38 10.41S-08 13.13W-09 10 4.8b 76 19-143
 ISCJB II 20 19 27 31.3-39 10.36S-08 13.20W-09 10 4.8b 18319431
 IDC II 20 19 27 31.2-58 10.46S 13.15W 0 4.5b,4.5
 MOS II 20 19 27 31.2-92 10.45S 13.21W 10 5.1b,4.5
 NEIC II 20 19 27 33.0-29 10.49S 13.13W 10 5.1b,4.5
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=14.7km s-min=7.8km az=82.7.
 IDC Error ellipse: s-maj=23.9km s-min=14.1km az=144.0.
 MOS Error ellipse: s-maj=19.6km s-min=9.7km az=58.9.
 NEIC Event type se. Error ellipse: s-maj=12.0km s-min=6.9km az=138.0.
IDC II 20 19 38 48.1-5.7 9.93S 13.39W 0 4.3,4.2s 19571710

IDC Error ellipse: s-maj=141.4km s-min=96.5km az=171.0.
ISC V 01 22 41 51.5-33 11.42S-06 13.11W-08 10 4.4b,4.3s 104 19-91
 SZGRF V 01 22 41 35.6 14.32S 12.90W 33 4.9b,4.3s 18321461
 IDC V 01 22 41 49.4-53 11.45S 13.13W 0 4.3,4.2b
 ISCJB V 01 22 41 49.2-33 11.39S-06 13.15W-08 10 4.4b,4.3s
 HRVD V 01 22 41 51.3-40 11.30S 13.19W 14-1 4.9W,4.3s
 NEIC V 01 22 41 51.3-27 11.43S 13.14W 10 4.8b,4.3s
 MOS V 01 22 41 52.9-94 11.38S 13.16W 34 4.9b,4.3s
 ISC Event type se.
 SZGRF Southern Mid-Atlantic Ridge.
 IDC Error ellipse: s-maj=19.0km s-min=12.9km az=142.0.
 ISCJB Event type se. Error ellipse: s-maj=12.1km s-min=7.2km az=63.8.
 HRVD Error ellipse: s-maj=3.3km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s16,c18; Mantle waves: s59,c80; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=2.26±21 Mw=0.35±11; Mw=1.91±16; Mw=1.09±31; Mw=0.34±07; Mw=1.53±37;
 Best double couple: NP1:φ=335.00000°; δ31.00000°; λ=125.00000°; NP2:φ=194.00000°; δ65.00000°; λ=71.00000°. Principal axes: T 2.4110,Plg18.0000°; Azm271.0000°; N 0.7220,Plg17.0000°; Azm6.0000°; P -3.1350,Plg65.0000°; Azm137.0000°; M2.77300×10¹⁶

NEIC Event type se. Error ellipse: s-maj=9.8km s-min=6.3km az=123.0.
 MOS Error ellipse: s-maj=18.3km s-min=6.7km az=68.7.
ISC V 02 05 01 17.8-41 11.44S-08 13.00W-09 10 4.1b,3.8s 31 20-85
 SZGRF V 02 05 01 06.2 13.58S 12.88W 24 4.7b,3.8s 19130696
 IDC V 02 05 01 13.5-2.1 12.00S 12.61W 0 4.1,4.0
 ISCJB V 02 05 01 15.6-41 11.46S-08 13.02W-09 10 4.1b,3.8s
 NEIC V 02 05 01 17.6-33 11.45S 13.05W 10 4.3b,3.8s

ISC Event type se.
 SZGRF Southern Mid-Atlantic Ridge.
 IDC Error ellipse: s-maj=84.9km s-min=16.0km az=142.0.
 ISCJB Event type se. Error ellipse: s-maj=13.8km s-min=9.9km az=74.9.
 NEIC Event type se. Error ellipse: s-maj=11.1km s-min=8.3km az=127.0.
ISC V 02 01 13 58.6-78 11.5S-10 13.0W-20 10 4.0b,3.5s 12 20-79
 ISCJB V 02 01 13 56.5-78 11.5S-10 13.0W-20 10 4.0b,3.5s 19130689
 IDC V 02 01 13 56.7-97 11.41S 13.00W 0 4.1,4.0
 NEIC V 02 01 13 58.4-61 11.39S 13.00W 10 4.5b,4.0
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=22.8km s-min=17.2km az=47.1.
 IDC Error ellipse: s-maj=35.2km s-min=22.6km az=128.0.
 NEIC Event type se. Error ellipse: s-maj=18.2km s-min=16.7km az=127.0.
ISC V 02 02 49 45.2-2.0 11.1S-50 13.3W-40 10 4.3s,4.2b 10 20-94
 IDC V 02 02 49 43.0-2.7 11.24S 13.18W 0 4.2,4.2s 19130691
 ISCJB V 02 02 49 43.0-2.1 11.1S-50 13.3W-50 10 4.3s,4.2b
 NEIC V 02 02 49 44.6-1.7 11.22S 13.20W 10 4.2b,4.2b
 ISC Event type se.
 IDC Error ellipse: s-maj=131.9km s-min=21.0km az=141.0.
 ISCJB Event type se. Error ellipse: s-maj=97.1km s-min=15.3km az=98.3.
 NEIC Event type se. Error ellipse: s-maj=81.4km s-min=13.3km az=139.0.

(409) South Atlantic Ocean.

ISC VI 02 21 33 17.8-53 53.04S-10 46.2W-10 10 4.2b,3.6s 19 6-147
 ISCJB VI 02 21 33 15.8-58 53.1S-10 46.3W-10 10 4.2b,3.6s 19221365
 IDC VI 02 21 33 16.9-2.0 52.95S 46.04W 0 4.3,4.2
 NEIC VI 02 21 33 17.3-58 53.11S 46.23W 10 4.5b,4.2
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=18.1km s-min=9.2km az=71.6.
 IDC Error ellipse: s-maj=67.7km s-min=22.6km az=26.0.
 NEIC Event type se. Error ellipse: s-maj=19.7km s-min=10.1km az=212.0.
ISC II 11 21 49 15.1-33 25.41S-06 1.19W-08 10 4.5b,4.0s 90 15-144
 NAO II 11 21 49 04.2 28.91S 2.68E 33 4.6b,4.0s 18095897
 IDC II 11 21 49 12.9-53 25.50S 1.26W 0 4.5,4.5
 ISCJB II 11 21 49 13.3-34 25.39S-06 1.26W-08 10 4.5b,4.0s
 SZGRF II 11 21 49 14.8 25.40S 2.88W 33 4.9b,4.0s
 NEIC II 11 21 49 16.5-33 25.43S 1.19W 22 4.8b,4.0s
 BJI II 11 21 49 16.5 25.40S 1.20W 21 5.3b,5.0s
 ISC Event type se.
 IDC Error ellipse: s-maj=18.5km s-min=15.6km az=164.0.
 ISCJB Event type se. Error ellipse: s-maj=10.5km s-min=8.3km az=52.0.
 SZGRF South Atlantic Ocean.
 NEIC Event type se. Error ellipse: s-maj=12.6km s-min=8.7km az=155.0.
ISC I 27 21 11 08.0-48 52.89S-07 50.13W-09 10 4.3b 26 5-145
 IDC I 27 21 11 05.8-1.3 53.00S 50.20W 0 4.0,3.9L 19486913
 ISCJB I 27 21 11 06.6-49 52.80S-08 49.94W-10 10 4.3b,3.9L

NEIC I 27 21 11 09.2-64 52.62S 49.63W 10 4.8b,3.9L
 ISC Event type se.
 IDC Error ellipse: s-maj=38.4km s-min=21.1km az=17.0.
 ISCJB Event type se. Error ellipse: s-maj=12.2km s-min=7.8km az=45.9.
 NEIC Event type se. Error ellipse: s-maj=20.9km s-min=11.0km az=28.0.

(410) Southern Mid-Atlantic Ridge.

ISC IV 20 14 59 07.7-53 49.42S-09 8.0W-10 10 4.3b,4.1s 22 22-154
 ISCJB IV 20 14 59 05.9-52 49.32S-09 8.1W-10 10 4.3b,4.1s 18494295
 IDC IV 20 14 59 06.5-76 49.67S 8.00W 0 4.2s,4.2
 HRVD IV 20 14 59 07.4-20 49.62S 7.67W 13-0 5.1W,4.2
 NEIC IV 20 14 59 07.4-38 49.39S 8.06W 10 4.6b,4.2

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=14.5km s-min=11.7km az=69.4.
 IDC Error ellipse: s-maj=24.5km s-min=20.4km az=95.0.
 HRVD Error ellipse: s-maj=2.2km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s41,c48; Mantle waves: s83,c138; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=6.11±28 Mw=1.18±20; Mw=4.93±20; Mw=0.77±53; Mw=1.71±12; Mw=0.88±39;
 Best double couple: NP1:φ=162.00000°; δ40.00000°; λ=85.00000°; NP2:φ=335.00000°; δ50.00000°; λ=94.00000°. Principal axes: T 5.6960,Plg5.0000°; Azm68.0000°; N 0.5400,Plg3.0000°; Azm338.0000°; P -6.2360,Plg84.0000°; Azm216.0000°; M5.96600×10¹⁶

NEIC Event type se. Error ellipse: s-maj=12.1km s-min=10.3km az=142.0.
ISC IV 20 16 50 15.7-39 49.46S-06 7.9W-10 10 4.6s,4.5b 48 21-154
 IDC IV 20 16 50 13.9-63 49.42S 7.95W 0 4.6s,4.6 18320867
 ISCJB IV 20 16 50 13.9-69 49.40S-06 7.9W-10 10 4.6s,4.5b
 MOS IV 20 16 50 14.0-1.7 49.41S 7.83W 10 5.0b,4.5b
 BJI IV 20 16 50 15.2 49.30S 7.90W 10 5.0b,4.5b
 HRVD IV 20 16 50 15.3-20 49.71S 7.57W 12 5.2W,4.5b
 NEIC IV 20 16 50 15.3-40 49.35S 7.92W 10 4.8b,4.5b

ISC Event type se.
 IDC Error ellipse: s-maj=18.5km s-min=17.4km az=154.0.
 ISCJB Event type se. Error ellipse: s-maj=10.3km s-min=8.7km az=13.5.
 MOS Error ellipse: s-maj=29.0km s-min=15.4km az=89.3.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s46,c57; Mantle waves: s87,c134; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=7.16±15 Mw=1.34±17; Mw=5.82±14; Mw=0.09±56; Mw=1.81±12; Mw=2.12±41;
 Best double couple: NP1:φ=156.00000°; δ37.00000°; λ=97.00000°; NP2:φ=345.00000°; δ53.00000°; λ=85.00000°. Principal axes: T 6.7570,Plg8.0000°; Azm71.0000°; N 0.7450,Plg4.0000°; Azm162.0000°; P -7.5020,Plg81.0000°; Azm278.0000°; M7.13000×10¹⁶

NEIC Event type se. Error ellipse: s-maj=11.6km s-min=9.8km az=107.0.
ISC IV 20 07 57 11.7-55 22.6S-10 12.71W-09 10 4.1b,4.0s 18 28-128
 IDC IV 20 07 57 08.8-1.0 22.77S 12.66W 0 4.1,4.0s 19149178
 ISCJB IV 20 07 57 09.7-54 22.6S-10 12.76W-09 10 4.1b,4.0s
 HRVD IV 20 07 57 11.2-40 22.66S 12.83W 17-1 4.9W,4.0s
 NEIC IV 20 07 57 11.2-56 22.53S 12.75W 10 4.8b,4.0s
 ISC Event type se.
 IDC Error ellipse: s-maj=40.8km s-min=17.0km az=157.0.
 ISCJB Event type se. Error ellipse: s-maj=19.7km s-min=11.8km az=156.3.
 HRVD Error ellipse: s-maj=3.3km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s11,c11; Mantle waves: s56,c73; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=2.69±25 Mw=0.32±15; Mw=2.37±17; Mw=1.17±54; Mw=0.04±10; Mw=1.25±40;
 Best double couple: NP1:φ=346.00000°; δ34.00000°; λ=119.00000°; NP2:φ=199.00000°; δ61.00000°; λ=72.00000°. Principal axes: T 2.6860,Plg14.0000°; Azm276.0000°; N 0.6540,Plg15.0000°; Azm10.0000°; P -3.3430,Plg69.0000°; Azm146.0000°; M3.01500×10¹⁶

NEIC Event type se. Error ellipse: s-maj=24.5km s-min=13.3km az=177.0.
ISC IV 20 14 31 29.5-49 49.31S-07 7.7W-20 10 4.3b,3.9s 27 13-154
 ISCJB IV 20 14 31 27.6-49 49.27S-07 7.8W-20 10 4.3b,3.9s 18320861
 BJI IV 20 14 31 27.7 49.40S 7.80W 10 4.3b,3.9s
 IDC IV 20 14 31 27.5-76 49.30S 7.85W 0 4.2,4.1
 HRVD IV 20 14 31 28.7-30 49.54S 7.73W 18-1 5.0W,4.1
 NEIC IV 20 14 31 28.7-47 49.36S 7.85W 10 4.5b,4.1
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=14.8km s-min=9.8km az=41.3.
 IDC Error ellipse: s-maj=22.3km s-min=18.6km az=120.0.
 HRVD Error ellipse: s-maj=4.4km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s22,c24; Mantle waves: s69,c91; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; Mr=3.98±27 Mw=1.88±19; Mw=2.03±17; Mw=0.54±45; Mw=1.09±10; Mw=0.45±35;
 Best double couple: NP1:φ=139.00000°; δ39.00000°; λ=88.00000°; NP2:φ=317.00000°; δ51.00000°; λ=91.00000°. Principal axes: T 3.1520,Plg6.0000°; Azm48.0000°; N 0.8960,Plg1.0000°; Azm318.0000°; P -0.4090,Plg84.0000°; Azm216.0000°; M3.60100×10¹⁶

NEIC Event type se. Error ellipse: s-maj=15.0km s-min=12.1km az=129.0.
ISC IV 20 15 12 18.6-34 49.43S-05 8.1W-10 10 4.7s,4.5b 52 21-154
 ISCJB IV 20 15 12 17.0-33 49.40S-06 8.1W-10 10 4.7s,4.5b 18320865
 MOS IV 20 15 12 17.1-1.0 49.37S 8.04W 10 5.0b,4.5b
 IDC IV 20 15 12 17.1-48 49.41S 8.13W 0 4.7s,4.7
 NEIC IV 20 15 12 18.4-27 49.43S 8.07W 10 4.8b,4.7
 HRVD IV 20 15 12 18.4-20 49.63S 7.69W 12 5.3W,4.7
 BJI IV 20 15 12 18.3 49.40S 8.10W 10 4.8s,4.7s
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=9.7km s-min=8.1km az=17.9.
 MOS Error ellipse: s-maj=24.4km s-min=13.8km az=91.1.
 IDC Error ellipse: s-maj=16.2km s-min=14.3km az=164.0.
 NEIC Event type se. Error ellipse: s-maj=9.1km s-min=8.3km az=133.0.
 HRVD Error ellipse: s-maj=1.1km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s55,c75; Mantle waves: s94,c174; Half duration: 1:0 Moment tensor: Scale 10¹⁷ Nm; Mr=0.95±02 Mw=0.10±02; Mw=0.85±01; Mw=0.01±06; Mw=0.27±01; Mw=0.11±05;
 Best double couple: NP1:φ=340.00000°; δ42.00000°; λ=92.00000°; NP2:φ=164.00000°; δ48.00000°; λ=88.00000°. Principal axes: T 0.9440,Plg3.0000°; Azm252.0000°; N 0.0090,Plg2.0000°; Azm342.0000°; P -0.9530,Plg86.0000°; Azm99.0000°; M0.94800×10¹⁷

ISC IV 20 15 57 22.1-56 49.40S-08 8.0W-20 10 4.4b 20 21-153
 ISCJB IV 20 15 57 20.1-55 49.34S-08 8.1W-20 10 4.4b 18494296
 IDC IV 20 15 57 20.6-85 49.36S 7.96W 0 4.1,4.0b
 NEIC IV 20 15 57 22.2-45 49.37S 8.02W 10 4.7b,4.0b

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=16.5km s-min=11.5km az=11.5.
 IDC Error ellipse: s-maj=29.3km s-min=21.4km az=78.0.
 NEIC Event type se. Error ellipse: s-maj=14.3km s-min=10.3km az=93.0.
ISC IV 20 15 58 16.6-49 49.46S-09 8.0W-10 10 4.4b 24 22-154
 ISCJB IV 20 15 58 14.8-49 49.42S-09 8.0W-10 10 4.4b 19597552
 IDC IV 20 15 58 15.4-62 49.38S 8.04W 0 4.3b,4.3
 HRVD IV 20 15 58 16.2-20 49.66S 7.64W 12 5.2W,4.3
 NEIC IV 20 15 58 16.2-48 49.51S 7.95W 10 4.6b,4.3
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=14.0km s-min=12.4km az=94.9.
 IDC Error ellipse: s-maj=19.5km s-min=16.6km az=132.0.
 HRVD Error ellipse: s-maj=1.1km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s56,c82; Mantle waves: s96,c165; Half duration: 1:0 Moment tensor: Scale 10¹⁷ Nm; Mr=0.95±02 Mw=0.15±02; Mw=0.79±02; Mw=0.05±06; Mw=0.26±01; Mw=0.02±05;
 Best double couple: NP1:φ=343.00000°; δ44.00000°; λ=87.00000°; NP2:φ=158.00000°; δ46.00000°; λ=93.00000°. Principal axes: T 0.8840,Plg1.0000°; Azm251.0000°; N 0.0650,Plg2.0000°; Azm161.0000°; P -0.9490,Plg87.0000°; Azm5.0000°; M0.91700×10¹⁷

NEIC Event type se. Error ellipse: s-maj=15.7km s-min=13.9km az=126.0.
ISC III 14 16 05 41.6-44 33.60S-09 14.24W-08 10 4.6b,4.2s 26 4-141
 ISCJB III 14 16 05 39.7-44 33.58S-09 14.23W-08 10 4.6b,4.2s 110603697
 IDC III 14 16 05 39.9-69 33.52S 14.28W 0 4.3,4.2
 NEIC III 14 16 05 41.4-40 33.59S 14.24W 10 4.5b,4.2
 BJI III 14 16 05 41.4 33.60S 14.20W 10 5.5s,5.1s
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.8km s-min=9.8km az=161.5.
 IDC Error ellipse: s-maj=24.8km s-min=14.1km az=170.0.

NEIC	Event type se. Error ellipse: s-maj=12.5km s-min=9.3km az=175.0.								
ISC	VI 06 01 05 02.4-41 47.27S-07 11.8W-10 10 4.0b,3.8s	28	24-124						
ISCJB	VI 06 01 05 00.8-42 47.18S-07 11.8W-10 10 4.0b,3.8s			19221503					
IDC	VI 06 01 05 01.1-75 47.19S 11.82W 0 4.0,3.9								
NEIC	VI 06 01 05 02.5-33 47.22S 11.84W 10 4.3b,3.9								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=10.8km s-min=10.3km az=166.8.								
IDC	Error ellipse: s-maj=25.8km s-min=17.0km az=156.0.								
NEIC	Event type se. Error ellipse: s-maj=10.9km s-min=7.9km az=174.0.								
ISC	III 26 18 09 03.1-66 12.3S-20 14.9W-20 10 4.0b,3.6s	19	21-136						
ISCJB	III 26 18 09 01.4-69 12.3S-20 14.9W-20 10 4.0b,3.6s			11061156					
IDC	III 26 18 09 01.4-87 12.32S 14.84W 0 4.1,4.1								
NEIC	III 26 18 09 02.8-43 12.38S 14.83W 10 4.6b,4.1								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=41.5km s-min=12.4km az=82.9.								
IDC	Error ellipse: s-maj=46.3km s-min=18.1km az=131.0.								
NEIC	Event type se. Error ellipse: s-maj=26.2km s-min=9.5km az=128.0.								
ISC	III 19 17 41 51.6-55 22.4S-10 12.36W-09 10 4.0b,3.7s	18	28-82						
ISCJB	III 19 17 41 49.4-55 22.4S-10 12.35W-09 10 4.0b,3.7s			110606683					
IDC	III 19 17 41 49.7-87 22.44S 12.33W 0 4.2,4.1								
NEIC	III 19 17 41 51.3-49 22.46S 12.36W 10 4.5b,4.1								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=17.7km s-min=11.7km az=165.4.								
IDC	Error ellipse: s-maj=26.1km s-min=17.9km az=178.0.								
NEIC	Event type se. Error ellipse: s-maj=17.5km s-min=10.6km az=175.0.								
ISC	III 22 15 07 53.9-37 14.11S-08 14.36W-07 10 4.4b,4.2s	42	23-147						
ISCJB	III 22 15 07 51.6-37 14.13S-08 14.37W-07 10 4.4b,4.2s			110608545					
IDC	III 22 15 07 52.2-52 14.06S 14.44W 0 4.3,4.3								
NEIC	III 22 15 07 53.6-31 14.10S 14.39W 10 4.8b,4.3								
BJI	III 22 15 07 53.6 14.10S 14.40W 10 5.5s,5.5b								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=12.0km s-min=8.7km az=121.7.								
IDC	Error ellipse: s-maj=16.7km s-min=12.5km az=168.0.								
NEIC	Event type se. Error ellipse: s-maj=10.3km s-min=7.6km az=158.0.								
ISC	III 27 00 31 48.4-44 32.55S-06 13.88W-08 10 4.2b,4.0s	25	5-137						
ISCJB	III 27 00 31 46.6-46 32.44S-09 13.91W-08 10 4.2b,4.0s			110611343					
IDC	III 27 00 31 46.6-77 32.40S 13.96W 0 4.3,4.2b								
NEIC	III 27 00 31 48.4-44 32.47S 13.92W 10 4.2b,4.2b								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=12.8km s-min=9.8km az=1.6.								
IDC	Error ellipse: s-maj=22.4km s-min=16.2km az=164.0.								
NEIC	Event type se. Error ellipse: s-maj=13.8km s-min=9.4km az=179.0.								
ISC	III 03 23 36 27.7-38 55.77S-07 4.2W-10 10 5.4s,4.7b	46	16-174						
ISCJB	III 03 23 36 26.1-38 55.71S-07 4.3W-10 10 5.4s,4.7b			110596847					
IDC	III 03 23 36 26.3-57 55.77S 4.38W 0 5.3s,5.2								
MOS	III 03 23 36 27.9-2.4 55.67S 4.26W 10 5.4s,5.3b								
NEIC	III 03 23 36 28.0-39 55.70S 4.23W 10 5.9W,5.4s								
BJI	III 03 23 36 27.9 55.70S 4.20W 10 5.7s,5.6b								
HRVD	III 03 23 36 28.0-20 55.92S 3.94W 16-1 6.0W,5.6b								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=10.8km s-min=9.4km az=125.3.								
IDC	Error ellipse: s-maj=19.7km s-min=15.5km az=159.0.								
MOS	Error ellipse: s-maj=29.5km s-min=14.3km az=88.3.								
NEIC	Event type se. Error ellipse: s-maj=13.5km s-min=12.2km az=89.0. Moment Tensor Solution. s8 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} 0.10 M _{θθ} -4.34 M _{φφ} 4.24 M _{rr} -0.75 M _{θθ} 1.4 M _{φφ} 2.40								
HRVD	Best double couple: NP1:φ:342.00000°;δ90.00000°;λ161.00000°. NP2:φ:73.00000°;δ71.00000°;λ0.00000°. Principal axes: T 7.86000,Plg13.0000°;Azm296.0000°; N 0.0800,Plg71.0000°;Azm161.0000°; P -7.9400,Plg13.0000°;Azm29.0000°; M _{7.90000} ×10 ¹⁷								
ISC	VI 20 00 42 24.2-33 17.62S-06 13.92W-07 10 4.5b,4.4s	81	10-149						
IDC	VI 20 00 42 22.4-63 17.57S 13.87W 0 4.4s,4.4			118650637					
MOS	VI 20 00 42 22.3-1.1 17.60S 13.98W 10 5.0b,4.4								
ISCJB	VI 20 00 42 22.2-33 17.60S-06 13.92W-07 10 4.5b,4.4s								
HRVD	VI 20 00 42 23.9-20 17.68S 13.85W 12 5.0W,4.4s								
NEIC	VI 20 00 42 23.9-31 17.63S 13.94W 10 4.9b,4.6s								
SZGRF	VI 20 00 42 26.8 17.42S 13.88W 23 5.1b,4.6s								
ISC	Event type se.								
IDC	Error ellipse: s-maj=17.5km s-min=15.7km az=71.0.								
MOS	Error ellipse: s-maj=18.0km s-min=10.7km az=68.2.								
ISCJB	Event type se. Error ellipse: s-maj=9.1km s-min=8.4km az=32.3.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s34,c46; Mantle waves: s65,c109; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -3.20±16 M _{θθ} 2.67±12; M _{φφ} 0.52±16; M _{rr} 0.19±41; M _{θθ} -4.11±11; M _{φφ} -0.64±49; Best double couple: NP1:φ:103.00000°;δ48.00000°;λ127.00000°. NP2:φ:331.00000°;δ54.00000°;λ-57.00000°. Principal axes: T 5.8780,Plg3.0000°;Azm38.0000°; N -2.4560,Plg26.0000°;Azm130.0000°; P -3.4260,Plg63.0000°;Azm301.0000°; M _{4.65200} ×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=8.4km s-min=8.1km az=118.0.								
SZGRF	Southern Mid-Atlantic Ridge.								
ISC	VI 25 13 27 49.2-36 38.65S-08 16.13W-09 10 4.7b,4.3s	87	3-151						
ISCJB	VI 25 13 27 47.9-36 38.67S-08 16.19W-09 10 4.7b,4.3s			118495976					
IDC	VI 25 13 27 47.7-65 38.54S 16.14W 0 4.3,4.3								
HRVD	VI 25 13 27 49.5-30 38.87S 15.94W 12 5.0W,4.3								
NEIC	VI 25 13 27 49.5-31 38.63S 16.17W 10 4.9b,4.4s								
SZGRF	VI 25 13 28 23.4 32.81S 10.85W 33 4.7b,4.4s								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=11.6km s-min=9.7km az=107.3.								
IDC	Error ellipse: s-maj=21.1km s-min=14.8km az=166.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s31,c36; Mantle waves: s61,c92; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -2.48±12 M _{θθ} 0.20±14; M _{φφ} 2.27±10; M _{rr} -1.10±44; M _{θθ} 2.22±09; M _{φφ} -0.06±33; Best double couple: NP1:φ:353.00000°;δ47.00000°;λ-51.00000°. NP2:φ:123.00000°;δ56.00000°;λ-124.00000°. Principal axes: T 3.7350,Plg5.0000°;Azm236.0000°; N -0.7120,Plg28.0000°;Azm144.0000°; P -3.0290,Plg62.0000°;Azm336.0000°; M _{3.38200} ×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=10.3km s-min=7.6km az=151.0.								
SZGRF	Southern Mid-Atlantic Ridge.								
ISC	II 26 18 07 57.8-59 22.7S-10 12.90W-10 10 3.9s,3.8b	17	29-82						
ISCJB	II 26 18 07 55.7-59 22.7S-10 12.90W-10 10 3.9s,3.8b			119579911					
IDC	II 26 18 07 55.7-85 22.7S 12.91W 0 3.9s,3.9								
NEIC	II 26 18 07 57.5-45 22.83S 12.91W 10 4.2b,3.9								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=21.6km s-min=11.6km az=147.5.								
IDC	Error ellipse: s-maj=30.1km s-min=16.0km az=166.0.								
NEIC	Event type se. Error ellipse: s-maj=17.9km s-min=9.1km az=167.0.								
ISC	V 23 07 24 22.9-27 30.96S-05 13.41W-08 10 4.6b,4.3s	115	29-148						
IDC	V 23 07 24 20.9-48 30.94S 13.45W 0 4.4,4.3			118358451					
ISCJB	V 23 07 24 21.4-27 30.97S-05 13.43W-08 10 4.6b,4.3s								
MOS	V 23 07 24 21.4-74 30.95S 13.38W 10 5.1b,4.3s								
BJI	V 23 07 24 22.4 31.00S 13.40W 10 5.2b,5.1s								
HRVD	V 23 07 24 22.9-30 31.20S 13.30W 14-1 5.0W,5.1s								
NEIC	V 23 07 24 22.9-23 30.96S 13.39W 10 4.8b,5.1s								
SZGRF	V 23 07 24 27.7 30.39S 12.82W 22 5.1b,5.1s								
ISC	Event type se.								
IDC	Error ellipse: s-maj=16.6km s-min=12.9km az=160.0.								
ISCJB	Event type se. Error ellipse: s-maj=9.9km s-min=7.2km az=51.0.								
MOS	Error ellipse: s-maj=17.4km s-min=8.6km az=76.4.								
HRVD	Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s22,c27; Mantle waves: s70,c90; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -2.94±19 M _{θθ} 0.14±13; M _{φφ} 2.80±14; M _{rr} -1.56±36; M _{θθ} 0.70±07; M _{φφ} -0.11±25; Best double couple: NP1:φ:7.00000°;δ47.00000°;λ-57.00000°. NP2:φ:144.00000°								

NEIC	Event type se. Error ellipse: s-maj=8.3km s-min=6.3km az=135.0.								
SZGRF	Southern Mid-Atlantic Ridge.								
IDC	V 03 12 09 06.7-1.2 50.55S 6.70W 0 4.0,3.9b								
ISC	Error ellipse: s-maj=39.1km s-min=28.9km az=123.0.								
ISCJB	V 03 12 22.8-84 50.51S-09 6.7W-40 10 4.0b,4.0s	9	20-155						
IDC	V 03 12 20.7-83 50.49S-09 6.6W-40 10 4.0b,4.0s			119598406					
NEIC	V 03 12 20.7-99 50.57S 6.57W 0 4.1s,4.1								
ISCJB	Error ellipse: s-maj=36.8km s-min=13.5km az=175.1.								
IDC	Error ellipse: s-maj=44.6km s-min=23.8km az=91.0.								
ISC	V 05 20 31 02.2-28 22.58S-06 12.61W-07 10 4.5b,4.0s	125	28-151						
IDC	V 05 20 30 60-48 22.61S 12.64W 0 4.3,4.3			118338479					

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=11.5km s-min=8.2km az=30.0.
 IDC Error ellipse: s-maj=17.6km s-min=13.6km az=127.0.
 MOS Error ellipse: s-maj=28.2km s-min=12.5km az=89.1.
 NEIC Event type se. Error ellipse: s-maj=9.4km s-min=7.2km az=106.0.
 HRVD Error ellipse: s-maj=4.4km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s28,c41; Mantle waves: s71,c109; Half duration: 0 Moment tensor: Scale 1016 Nm; M₁₁=4.65±15 M₂₂=0.27±15 M₃₃=0.40±46 M₁₂=1.54±13; M₁₃=1.73±53;
 Best double couple: NP1:φ272.00000°;λ42.00000°;λ-115.00000° NP2:φ125.00000°;λ-69.00000°;λ-69.00000°; Principal axes: T 4.9870,Plg6.0000°; Azm200.0000°; N 0.2110,Plg17.0000°; Azm292.0000°; P -5.1980,Plg72.0000°; Azm92.0000°; M₀5.09300×10¹⁶

ISC VI 03 12 04 11.3-76 54.09S-10 7.5E-20 10 4.4b,3.9s 22 18-149
 ISCJB VI 03 12 04 09.5-75 54.04S-10 7.5E-20 10 4.4b,3.9s 19221388
 IDC VI 03 12 04 10.1-75 54.12S 7.43E 0 4.4,4.2
 NEIC VI 03 12 04 11.6-66 54.11S 7.44E 10 4.8b,4.2
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=17.3km s-min=13.5km az=132.6.
 IDC Error ellipse: s-maj=30.7km s-min=19.6km az=32.0.
 NEIC Event type se. Error ellipse: s-maj=24.7km s-min=14.5km az=211.0.

(413) Southwest of Africa.

ISC IV 25 03 31 07.6-60 52.42S-08 13.0E-20 10 4.2b,3.8s 22 18-164
 ISCJB IV 25 03 31 05.8-59 52.38S-08 12.8E-20 10 4.2b,3.8s 18646559
 MOS IV 25 03 31 06.6-2.6 52.32S 12.95E 0 4.7b,3.8s
 IDC IV 25 03 31 06.1-75 52.40S 13.02E 0 4.3,4.2
 NEIC IV 25 03 31 07.5-42 52.40S 13.04E 10 4.8b,4.2

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=21.2km s-min=11.1km az=176.9.
 MOS Error ellipse: s-maj=43.5km s-min=17.0km az=88.9.
 IDC Error ellipse: s-maj=26.7km s-min=19.2km az=78.0.
 NEIC Event type se. Error ellipse: s-maj=17.7km s-min=10.5km az=67.0.
 ISC IV 25 04 11 23.3-76 52.45S-10 13.0E-30 10 4.2b,3.6s 15 21-157
 ISCJB IV 25 04 11 21.7-76 52.45S-10 12.8E-30 10 4.2b,3.6s 19597949
 IDC IV 25 04 11 22.1-82 52.43S 12.94E 0 4.3,4.2
 NEIC IV 25 04 11 23.4-57 52.41S 12.97E 10 4.3b,4.2
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=24.8km s-min=15.4km az=136.3.
 IDC Error ellipse: s-maj=28.9km s-min=20.5km az=66.0.
 NEIC Event type se. Error ellipse: s-maj=20.6km s-min=12.8km az=63.0.
 IDC III 30 03 07 00.9-1.5 53.78S 13.16E 0 3.9,3.8 110613203

IDC Error ellipse: s-maj=57.9km s-min=44.8km az=96.0.
 IDC III 30 00 46 35.9-1.0 52.43S 14.78E 0 4.2,4.1 110613161

IDC Error ellipse: s-maj=48.6km s-min=28.7km az=87.0.
 ISC V 10 03 29 45.9-6.0 52.83S-06 10.1E-10 4-37 5.0b 52 18-163
 ISCJB V 10 03 29 45.1-36 52.81S-05 10.0E-10 10 5.0b 18713499
 IDC V 10 03 29 45.3-59 52.78S 10.09E 0 5.0,5.0
 NEIC V 10 03 29 46.4-29 52.79S 10.07E 10 5.1b,5.0
 MOS V 10 03 29 49.0-1.4 52.84S 10.10E 33 5.1b,5.0
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=11.1km s-min=7.8km az=8.6.
 IDC Error ellipse: s-maj=22.7km s-min=16.7km az=64.0.
 NEIC Event type se. Error ellipse: s-maj=11.0km s-min=9.6km az=91.0.
 MOS Error ellipse: s-maj=30.0km s-min=14.1km az=89.1.

(738) Reykjanes Ridge.

ISC IV 13 08 41 56.3-42 52.6N-10 32.13W-09 10 4.0b,3.9s 48 17-149
 ISCJB IV 13 08 41 54.6-42 52.6N-10 32.17W-09 10 4.0b,3.9s 19594797
 IDC IV 13 08 41 55.3-69 52.65N 32.10W 0 4.4L,4.0
 NEIC IV 13 08 41 56.3-38 52.60N 32.16W 10 4.3b,4.0
 CSEM IV 13 08 41 56.3 52.60N 32.16W 10 4.3b,4.0

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=17.4km s-min=7.8km az=21.8.
 IDC Error ellipse: s-maj=23.2km s-min=15.5km az=18.0.
 NEIC Event type se. Error ellipse: s-maj=15.8km s-min=6.8km az=8.0.
 CSEM After NEIC.
 IDC IV 02 17 06 39.2-1.5 56.78N 34.30W 0 3.6,3.5 19594126

IDC Error ellipse: s-maj=42.0km s-min=23.7km az=28.0.
 ISC III 05 02 40 33.4-24 52.58N-05 32.12W-04 10 4.6b,4.0s 350 13-149
 SZGRF III 05 02 40 25.7 52.38N 33.85W 33 4.9b,4.0s 110597568
 BJI III 05 02 40 28.7 52.46N 32.92W 11 5.1b,4.8b
 CSEM III 05 02 40 30.6-05 52.58N 32.20W 6 4.7b,3.6s
 MOS III 05 02 40 31.7-83 52.56N 32.14W 10 4.8b,3.6s
 ISCJB III 05 02 40 31.8-24 52.55N-05 32.16W-04 10 4.6b,4.0s
 IDC III 05 02 40 32.0-55 52.57N 32.07W 0 4.5,4.4
 NEIC III 05 02 40 33.4-17 52.50N 32.15W 10 4.7b,4.4

ISC Event type ke.
 SZGRF Reykjanes Ridge.
 CSEM Event type ke. Error ellipse: s-maj=3.6km s-min=1.1km az=9.0.
 MOS Error ellipse: s-maj=8.0km s-min=5.1km az=150.8.
 ISCJB Event type ke. Error ellipse: s-maj=7.7km s-min=3.1km az=15.0.
 IDC Error ellipse: s-maj=17.6km s-min=10.3km az=6.0.
 NEIC Event type se. Error ellipse: s-maj=5.9km s-min=2.3km az=187.0.
 IDC III 05 11 14 35.4-1.3 52.53N 32.19W 0 4.0L,4.0 110597821

IDC Error ellipse: s-maj=37.0km s-min=20.2km az=11.0.
 IDC III 11 05 28 11.9-1.4 59.71N 29.96W 0 4.0L,3.9s 110601649

IDC Error ellipse: s-maj=36.8km s-min=26.2km az=34.0.
 IDC VI 30 08 07 35.1-2.5 52.83N 34.99W 0 3.8,3.7 19600600

IDC Error ellipse: s-maj=95.9km s-min=22.1km az=176.0.
 ISC VI 22 22 21 41.7-35 52.75N-07 34.92W-07 10 4.1b,3.4s 79 19-154
 ISCJB VI 22 22 21 40.1-35 52.73N-07 34.93W-07 10 4.1b,3.4s 18495813
 IDC VI 22 22 21 40.4-52 52.70N 34.85W 0 4.1,4.1
 NEIC VI 22 22 21 41.9-22 52.71N 34.91W 10 4.4b,4.1
 CSEM VI 22 22 21 43.4-07 52.84N 34.82W 33 4.4b,3.1s

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=10.7km s-min=6.1km az=2.3.
 IDC Error ellipse: s-maj=16.4km s-min=13.1km az=158.0.
 NEIC Event type se. Error ellipse: s-maj=7.0km s-min=4.1km az=1.0.
 CSEM Event type ke. Error ellipse: s-maj=5.3km s-min=2.4km az=1.0.
 ISC VI 24 22 45 45.9-25 59.77N-05 29.93W-06 10 4.3b 260 6-142
 BJI VI 24 22 45 42.9 59.70N 30.00W 10 4.8b,4.8b 110699086
 CSEM VI 24 22 45 43.8-05 59.77N 30.00W 10 4.5b,4.8b
 ISCJB VI 24 22 45 44.5-25 59.81N-05 29.96W-06 10 4.3b,4.8b
 MOS VI 24 22 45 44.4-86 59.74N 29.95W 10 4.6b,4.8b
 IDC VI 24 22 45 44.2-65 59.75N 30.03W 0 4.1,4.1
 NEIC VI 24 22 45 46.0-20 59.73N 29.97W 10 4.5b,4.1
 SZGRF VI 24 22 45 54.7 59.66N 28.61W 33 4.4b,4.1

ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=4.3km s-min=1.6km az=20.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.1km s-min=3.8km az=53.9.
 MOS Error ellipse: s-maj=10.4km s-min=6.8km az=28.6.
 IDC Error ellipse: s-maj=20.0km s-min=10.7km az=8.0.
 NEIC Event type se. Error ellipse: s-maj=6.4km s-min=3.0km az=202.0.
 SZGRF Reykjanes Ridge.

ISC VI 29 20 05 22.2-2.4 52.83N-06 34.90W-05 2-15 4.4b,3.8s 272 14-150
 SZGRF VI 29 20 05 17.3 53.47N 37.11W 22 4.6b,3.5s 110699153
 BJI VI 29 20 05 20.7 52.64N 35.11W 19 5.2b,4.9b
 ISCJB VI 29 20 05 21.8-28 52.81N-06 34.93W-05 10 4.4b,3.8s
 MOS VI 29 20 05 21.6-74 52.81N 34.95W 10 5.2b,3.8s
 IDC VI 29 20 05 21.5-70 52.78N 34.93W 0 4.2,4.2
 CSEM VI 29 20 05 22.7-07 52.87N 34.89W 18 4.6b,3.5s
 NEIC VI 29 20 05 23.4-24 52.75N 34.92W 10 4.5b,3.5s
 ISC Event type ke.
 SZGRF North Atlantic Ocean.

ISCJB Event type ke. Error ellipse: s-maj=8.9km s-min=3.7km az=27.2.
 MOS Error ellipse: s-maj=10.2km s-min=6.2km az=156.7.
 IDC Error ellipse: s-maj=22.0km s-min=11.7km az=4.0.
 CSEM Event type ke. Error ellipse: s-maj=5.1km s-min=1.7km az=9.0.
 NEIC Event type se. Error ellipse: s-maj=8.1km s-min=3.1km az=194.0.

ISC III 13 05 36 09.5-20 52.78N-04 32.10W-04 6-13 4.6b,4.4s 341 13-149
 IDC III 13 05 36 08.2-47 52.64N 32.14W 0 4.7L,4.3 110602868
 MOS III 13 05 36 08.8-85 52.79N 32.07W 10 4.8b,4.3
 ISCJB III 13 05 36 09.3-21 52.76N-04 32.13W-04 15-13 4.6b,4.4s
 BJI III 13 05 36 09.2 52.85N 31.85W 13 5.4b,5.1s
 NEIC III 13 05 36 10.2-22 52.70N 32.15W 10 4.7b,4.4s
 CSEM III 13 05 36 11.4-06 52.77N 32.12W 33 4.7b,4.2s
 SZGRF III 13 05 36 15.4 51.55N 31.00W 33 4.8b,4.2s
 IGIL III 13 05 36 17.5 52.10N 32.40W 33 4.2s,4.2s

ISC Event type ke.
 IDC Error ellipse: s-maj=14.8km s-min=10.6km az=0.0.
 MOS Error ellipse: s-maj=8.8km s-min=5.6km az=168.2.
 ISCJB Event type ke. Error ellipse: s-maj=7.5km s-min=4.3km az=27.9.
 NEIC Event type se. Error ellipse: s-maj=7.6km s-min=3.4km az=195.0.
 CSEM Event type ke. Error ellipse: s-maj=3.4km s-min=1.7km az=18.0.
 SZGRF Northern Mid-Atlantic Ridge.

ISC III 13 16 57 30.5-70 52.6N-10 32.2W-10 10 4.0b,3.4s 27 17-149
 ISCJB III 13 16 57 28.7-70 52.6N-10 32.2W-10 10 4.0b,3.4s 110603120
 IDC III 13 16 57 28.9-1.1 52.53N 32.13W 0 4.2L,4.1
 NEIC III 13 16 57 31.0-52 52.65N 32.16W 10 4.1b,4.1
 CSEM III 13 16 57 31.0 52.65N 32.16W 10 4.3b,4.1

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=19.5km s-min=9.7km az=22.7.
 IDC Error ellipse: s-maj=34.5km s-min=16.6km az=9.0.
 NEIC Event type se. Error ellipse: s-maj=15.8km s-min=6.7km az=189.0.
 CSEM After NEIC.

ISC III 05 02 34 43.8-1.1 52.5N-20 32.2W-20 10 3.5b 10 17-149
 ISCJB III 05 02 34 42.1-1.1 52.4N-20 32.2W-20 10 3.5b 110597566
 IDC III 05 02 34 42.4-1.2 52.42N 32.25W 0 3.8L,3.7
 ISCJB Error ellipse: s-maj=28.7km s-min=15.8km az=13.2.
 IDC Error ellipse: s-maj=34.6km s-min=21.4km az=12.0.
 IDC II 04 09 53 29.3-1.2 58.94N 30.76W 0 3.9,3.8 19569795

IDC Error ellipse: s-maj=31.2km s-min=18.9km az=6.0.
 IDC II 04 10 06 45.9-5.1 58.99N 31.05W 0 3.9,3.8b 19569796

IDC Error ellipse: s-maj=131.9km s-min=30.9km az=5.0.
 ISC II 04 14 28 28.7-54 58.90N-10 30.96W-10 10 4.2b 50 7-68
 ISCJB II 04 14 28 27.3-53 58.91N-10 30.93W-10 10 4.2b 18319092

IDC II 04 14 28 27.9-87 58.93N 30.91W 0 4.0,3.9
 NEIC II 04 14 28 29.0-50 58.86N 30.95W 10 4.5b,3.9
 CSEM II 04 14 28 30.0-10 58.95N 30.98W 33 4.6b,3.9
 MOS II 04 14 28 30.1-92 58.89N 30.97W 31 4.7b,3.9
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=14.3km s-min=7.2km az=9.1.
 IDC Error ellipse: s-maj=26.2km s-min=12.3km az=3.0.
 NEIC Event type se. Error ellipse: s-maj=13.3km s-min=6.1km az=184.0.
 CSEM Event type ke.

MOS Error ellipse: s-maj=19.7km s-min=14.5km az=61.3.
 ISC II 04 14 29 54.7-1.2 59.15N-03 30.87W-03 6-7 4.9b,4.9s 609 7-161
 NAO II 04 14 29 46.7 58.16N 32.36W 33 4.8b,4.9s
 SZGRF II 04 14 29 51.9 59.35N 32.13W 33 5.0s,4.9b
 BJI II 04 14 29 52.5 59.50N 31.23W 3 5.5b,5.2s
 CSEM II 04 14 29 53.3-03 59.17N 30.87W 10 5.3W,5.0b
 IDC II 04 14 29 53.4-37 59.08N 30.93W 0 5.0,5.0s
 ISCJB II 04 14 29 53.8-13 59.16N-03 30.89W-03 10 4.9b,4.9s
 NEIC II 04 14 29 55.5-12 59.13N 30.89W 10 5.0s,5.0b
 HRVD II 04 14 29 55.5-20 59.15N 30.74W 12 5.3W,5.0b
 MOS II 04 14 29 55.1-89 59.10N 30.92W 21 5.2b,4.9s

ISC Event type ke.
 SZGRF Reykjanes Ridge.
 CSEM Event type ke. Error ellipse: s-maj=2.5km s-min=1.1km az=13.0.
 IDC Error ellipse: s-maj=12.9km s-min=8.5km az=5.0.
 ISCJB Event type ke. Error ellipse: s-maj=4.1km s-min=2.2km az=32.4.
 NEIC Event type se. Error ellipse: s-maj=4.6km s-min=2.2km az=196.0.
 HRVD Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s58,c79; Mantle waves: s89,c176; Half duration: 1s1 Moment tensor: Scale 1017Nm; M₁₁=0.98±0.02; M₂₂=0.00±0.02; M₃₃=0.20±0.06; M₁₂=0.29±0.02; M₁₃=0.31±0.05;
 Best double couple: NP1:φ210.00000°;λ66.00000°;λ-66.00000° NP2:φ1.00000°;λ-109.00000°;λ-109.00000°; Principal axes: T 1.0970,Plg7.0000°; Azm104.0000°; N -0.0110,Plg15.0000°; Azm12.0000°; P -1.0860,Plg73.0000°; Azm218.0000°; M₀1.09200×10¹⁷

MOS Error ellipse: s-maj=6.2km s-min=5.4km az=21.4.
 ISC II 04 14 34 19.2-79 59.2N-10 31.0W-10 10 3.8b 26 7-68
 ISCJB II 04 14 34 18.9-94 59.3N-20 30.9W-10 10 3.8b 19569813
 NEIC II 04 14 34 22.5-80 59.70N 30.79W 10 4.4b
 CSEM II 04 14 34 22.5 59.70N 30.79W 10 4.5b
 IDC II 04 14 34 22.0-1.3 59.86N 30.63W 0 4.0,3.8b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=23.2km s-min=10.8km az=178.9.
 NEIC Event type se. Error ellipse: s-maj=22.9km s-min=11.0km az=187.0.
 CSEM After NEIC.

IDC Error ellipse: s-maj=95.9km s-min=22.1km az=176.0.
 ISC II 04 18 31 18.6-2.1 58.95N-05 31.06W-08 1-13 4.4b,4.4s 216 7-149
 NAO II 04 18 31 08.3 58.00N 33.29W 33 3.6b,4.4b 18079848
 SZGRF II 04 18 31 17.0 59.38N 32.53W 33 4.7b,4.4s
 MOS II 04 18 31 18.3-82 58.91N 31.08W 10 4.4b,4.4s
 ISCJB II 04 18 31 18.6-34 58.99N-05 31.03W-08 10 4.4s,4.4b
 BJI II 04 18 31 19.0 58.90N 31.00W 10 5.1b,4.8s
 IDC II 04 18 31 19.5-63 59.09N 31.02W 0 4.4,4.4
 NEIC II 04 18 31 20.0-29 58.90N 31.03W 10 4.5b,4.4s

ISC Event type se.
 SZGRF Reykjanes Ridge.
 MOS Error ellipse: s-maj=9.7km s-min=7.3km az=29.6.
 ISCJB Event type se. Error ellipse: s-maj=8.9km s-min=4.3km az=62.8.
 IDC Error ellipse: s-maj=18.0km s-min=11.9km az=5.0.
 NEIC Event type se. Error ellipse: s-maj=8.1km s-min=3.8km az=207.0.
 ISC II 12 08 11 13.0-44 54.42N-09 35.16W-08 10 4.0b,3.4s 66 15-148
 ISCJB II 12 08 11 11.4-44 54.37N-09 35.19W-08 10 4.0b,3.4s 19570578
 IDC II 12 08 11 11.4-61 54.35N 35.07W 0 4.0,3.9
 NEIC II 12 08 11 12.7-50 54.30N 35.10W 10 4.1b,3.9
 CSEM II 12 08 11 13.9-11 54.34N 35.20W 33 4.4b,3.1s

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=13.5km s-min=6.2km az=33.0.
 IDC Error ellipse: s-maj=19.4km s-min=12.6km az=11.0.
 NEIC Event type se. Error ellipse: s-maj=14.2km s-min=7.0km az=191.0.
 CSEM Event type ke. Error ellipse: s-maj=10.0km s-min=2.2km az=13.0.
 ISC II 13 15 07 55.3-70 59.3N-10 30.3W-20 10 3.8b,3.8s 13 7-79
 ISCJB II 13 15 07 53.7-70 59.3N-10 30.3W-20 10 3.8b,3.8s 19570706
 IDC II 13 15 07 54.1-91 59.30N 30.31W 0 3.9,3.8b
 NEIC II 13 15 07 56.0-82 59.36N 30.40W 10 3.9,3.8b

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=20.3km s-min=12.3km az=145.1.
 IDC Error ellipse: s-maj=27.6km s-min=18.8km az=169.0.
 NEIC Event type se. Error ellipse: s-maj=25.0km s-min=13.4km az=151.0.
 ISC II 13 17 57 57.0-95 59.3N-20 30.6W-20 10 3.7b 13 7-68
 ISCJB II 13 17 57 55.6-95 59.4N-20 30.5W-20 10 3.7b 19570714
 IDC II 13 17 57 55.7-1.3 59.28N 30.52W 0 3.8L,3.8
 NEIC II 13 17 57 57.8-96 59.42N 30.58W 10 3.8L,3.8

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=21.7km s-min=15.1km az=8.6.
 IDC Error ellipse: s-maj=33.8km s-min=22.1km az=5.0.
 NEIC Event type se. Error ellipse: s-maj=23.8km s-min=11.3km az=182.0.
 ISC II 13 17 59 06.8-45 59.79N-07 30.83W-10 10 4.0b 62 7-142
 IDC II 13 17 59 02.0-87 59.36N 30.24W 0 3.8,3.7b 18438609

NEIC	II	13 17 59 04.5-64	59.55N	30.22W	10	4.3b,3.7b			
ISCJB	II	13 17 59 05.5-46	59.86N-06	30.8W-10	10	4.0b,3.7b			
CSEM	II	13 17 59 09.0-12	59.73N	30.86W	40	4.3b,3.8s			
BJI	II	13 17 59 13.4	59.50N	30.20W	40	4.5b,3.8s			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=22.8km s-min=15.6km az=12.0.								
NEIC	Event type se. Error ellipse: s-maj=17.6km s-min=10.1km az=178.0.								
ISCJB	Event type ke. Error ellipse: s-maj=9.5km s-min=7.0km az=33.4.								
CSEM	Event type ke. Error ellipse: s-maj=7.8km s-min=3.2km az=26.0.								
ISC	II	13 17 59 30.6-72	59.49N-09	30.3W-20	10	3.9b	15	7-142	
SZGRF	II	13 17 59 24.2	59.61N	28.82W	33	4.5b		19570715	
ISCJB	II	13 17 59 29.3-74	59.55N-09	30.2W-20	10	3.9b			
IDC	II	13 17 59 29.4-1.0	59.49N	30.20W	0	4.1,4.0L			
NEIC	II	13 17 59 31.4-80	59.57N	30.26W	10	4.5b,4.0L			
ISC	Event type se.								
SZGRF	Reykjanes Ridge.								
ISCJB	Event type se. Error ellipse: s-maj=14.2km s-min=10.6km az=118.2.								
IDC	Error ellipse: s-maj=25.6km s-min=18.7km az=18.0.								
NEIC	Event type se. Error ellipse: s-maj=19.6km s-min=11.6km az=184.0.								
ISC	II	13 18 06 47.2-1.1	59.5N-10	30.1W-30	10	4.1b	8	7-56	
SZGRF	II	13 18 06 43.3	59.33N	29.16W	33	4.4b		19570736	
ISCJB	II	13 18 06 45.6-1.1	59.6N-10	30.1W-30	10	4.1b			
IDC	II	13 18 06 46.0-1.3	59.49N	30.04W	0	4.3,4.2b			
SZGRF	Reykjanes Ridge.								
ISCJB	Error ellipse: s-maj=21.7km s-min=17.7km az=103.1.								
IDC	Error ellipse: s-maj=43.1km s-min=23.0km az=49.0.								
ISC	II	13 18 06 31.7-37	59.47N-05	30.44W-09	10	4.3b	109	7-78	
ISCJB	II	13 18 06 30.4-38	59.53N-05	30.44W-09	10	4.3b		18438610	
IDC	II	13 18 06 30.0-70	59.34N	30.44W	0	4.1,4.0			
NEIC	II	13 18 06 31.5-40	59.34N	30.38W	10	4.4b,4.0			
BJI	II	13 18 06 31.5	59.30N	30.40W	10	4.9b,4.0			
CSEM	II	13 18 06 33.6-07	59.33N	30.67W	40	4.5b,4.0			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=8.3km s-min=5.5km az=62.6.								
IDC	Error ellipse: s-maj=21.1km s-min=12.3km az=12.0.								
NEIC	Event type se. Error ellipse: s-maj=11.3km s-min=5.8km az=191.0.								
CSEM	Event type ke. Error ellipse: s-maj=4.7km s-min=1.9km az=23.0.								
ISC	II	13 18 08 47.3-18	59.50N-04	30.31W-04	10	4.7b,4.6s	289	7-125	
NAO	II	13 18 08 28.2	58.10N	33.95W	33	4.3b,4.6s		18095943	
ISCJB	II	13 18 08 45.8-18	59.53N-04	30.34W-04	10	4.7b,4.6s			
IDC	II	13 18 08 45.4-46	59.34N	30.35W	0	4.5,4.5s			
CSEM	II	13 18 08 45.5-07	59.62N	30.24W	10	5.3W,4.9b			
MOS	II	13 18 08 46.0-1.2	59.61N	30.33W	10	5.1b,4.7s			
NEIC	II	13 18 08 47.7-27	59.51N	30.30W	10	4.9s,4.9b			
HRVD	II	13 18 08 47.7-20	59.44N	30.21W	12	5.3W,4.9b			
BJI	II	13 18 08 47.3	59.50N	30.30W	10	5.3b,5.1s			
SZGRF	II	13 18 08 54.4	59.66N	29.12W	33	4.9b,5.1s			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=5.4km s-min=3.0km az=32.1.								
IDC	Error ellipse: s-maj=14.8km s-min=9.7km az=179.0.								
CSEM	Event type ke. Error ellipse: s-maj=4.6km s-min=1.9km az=28.0.								
MOS	Error ellipse: s-maj=10.2km s-min=7.8km az=62.6.								
NEIC	Event type se. Error ellipse: s-maj=10.3km s-min=4.6km az=182.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s46,c63; Mantle waves: s92,c179; Half duration: 1s1 Moment tensor: Scale 1017Nm; M _{rr} =0.89±0.03; M _{θθ} =0.03±0.03; M _{φφ} =0.91±0.02; M _{θφ} =0.12±0.08; M _{φθ} =0.30±0.02; M _{θφ} =0.48±0.07; Best double couple: NP1:λ=197.00000°;δ31.00000°;λ=88.00000°;NP2:λ=15.00000°;δ89.00000°;λ=91.00000°. Principal axes: T=1.1190,Plg14.0000°;Az=106.0000°;N=0.1100,Plg1.0000°;Az=16.0000°;P=-1.0090,Plg76.0000°;Az=281.0000°;M=1.06400×10 ¹⁷								
SZGRF	Reykjanes Ridge.								
ISC	II	13 18 11 31.5-40	59.27N-07	30.0W-10	10	4.3b	89	7-149	
ISCJB	II	13 18 11 30.2-40	59.32N-07	30.0W-10	10	4.3b		18438611	
IDC	II	13 18 11 30.5-69	59.31N	30.23W	0	4.3,4.1b			
BJI	II	13 18 11 30.3	59.40N	30.20W	10	5.0b,4.1b			
NEIC	II	13 18 11 32.4-40	59.39N	30.21W	10	4.6b,4.1b			
CSEM	II	13 18 11 35.3-22	59.23N	29.96W	57-1	4.5b,4.1b			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=10.6km s-min=6.3km az=59.5.								
IDC	Error ellipse: s-maj=19.5km s-min=16.4km az=175.0.								
NEIC	Event type se. Error ellipse: s-maj=11.6km s-min=7.9km az=176.0.								
CSEM	Event type ke. Error ellipse: s-maj=4.4km s-min=2.4km az=42.0.								
ISC	II	13 18 12 47.0-69	59.4N-10	31.1W-20	10	3.9b	18	7-79	
ISCJB	II	13 18 12 45.5-69	59.4N-10	31.1W-20	10	3.9b		19570737	
IDC	II	13 18 12 45.6-83	59.34N	31.19W	0	3.9,3.9			
CSEM	II	13 18 12 46.8-17	59.29N	31.14W	10	4.3b,3.9			
NEIC	II	13 18 12 46.8-66	59.29N	31.14W	10	4.3b,3.9			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=15.8km s-min=13.4km az=177.1.								
IDC	Error ellipse: s-maj=22.5km s-min=19.2km az=176.0.								
CSEM	Event type ke. Error ellipse: s-maj=7.7km s-min=5.8km az=131.0. After NEIC.								
NEIC	Event type se. Error ellipse: s-maj=16.8km s-min=12.9km az=173.0.								
ISC	II	13 18 14 29.2-67	59.78N-07	30.9W-20	10	4.1b	48	7-79	
IDC	II	13 18 14 26.4-90	59.37N	30.40W	0	4.1,4.0		19570738	
ISCJB	II	13 18 14 28.0-70	59.85N-06	30.9W-20	10	4.1b,4.0			
NEIC	II	13 18 14 28.0-57	59.40N	30.36W	10	4.4b,4.0			
CSEM	II	13 18 14 32.0-13	59.95N	30.80W	40	4.3b,4.0			
ISC	Event type ke.								
IDC	Error ellipse: s-maj=22.4km s-min=18.9km az=164.0.								
ISCJB	Event type ke. Error ellipse: s-maj=11.4km s-min=9.4km az=169.8.								
NEIC	Event type se. Error ellipse: s-maj=13.4km s-min=10.0km az=172.0.								
CSEM	Event type ke. Error ellipse: s-maj=5.0km s-min=3.6km az=47.0.								
ISC	II	13 18 17 12.4-26	59.44N-04	30.23W-07	10	4.5b,3.8s	198	7-143	
CSEM	II	13 18 17 09.9-06	59.45N	30.26W	8	4.6b,4.1b		18095944	
ISCJB	II	13 18 17 10.9-26	59.48N-04	30.27W-07	10	4.5b,3.8s			
BJI	II	13 18 17 10.3	59.02N	31.05W	37	5.5s,4.5b			
MOS	II	13 18 17 11.5-82	59.57N	30.22W	10	5.0b,5.4b			
IDC	II	13 18 17 11.1-50	59.40N	30.31W	0	4.2,4.2			
NEIC	II	13 18 17 13.1-27	59.50N	30.31W	10	4.6b,4.2			
SZGRF	II	13 18 17 23.1	59.65N	28.88W	33	4.9b,4.2			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=3.9km s-min=1.8km az=27.0.								
ISCJB	Event type ke. Error ellipse: s-maj=5.9km s-min=4.2km az=68.3.								
MOS	Error ellipse: s-maj=10.3km s-min=9.0km az=64.8.								
IDC	Error ellipse: s-maj=14.5km s-min=10.5km az=173.0.								
NEIC	Event type se. Error ellipse: s-maj=7.4km s-min=4.8km az=204.0.								
SZGRF	Reykjanes Ridge.								
ISC	II	13 18 19 08.0-34	59.43N-05	30.25W-08	10	4.3b,4.2s	106	7-79	
CSEM	II	13 18 19 05.9-05	59.48N	30.31W	10	4.5b,4.2s		18319295	
IDC	II	13 18 19 06.4-59	59.38N	30.17W	0	4.2,4.1			
ISCJB	II	13 18 19 06.6-34	59.48N-05	30.25W-08	10	4.3b,4.2s			
MOS	II	13 18 19 06.3-53	59.35N	30.30W	10	4.6b,4.2s			
NEIC	II	13 18 19 08.0-31	59.37N	30.21W	10	4.5b,4.2s			
SZGRF	II	13 18 19 23.1	58.65N	27.89W	33	4.3b,4.2s			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=3.7km s-min=1.6km az=19.0.								
IDC	Error ellipse: s-maj=18.3km s-min=12.4km az=3.0.								
ISCJB	Event type ke. Error ellipse: s-maj=7.8km s-min=5.4km az=48.5.								
MOS	Error ellipse: s-maj=18.0km s-min=17.3km az=67.3.								
NEIC	Event type se. Error ellipse: s-maj=9.9km s-min=5.2km az=184.0.								
SZGRF	North Atlantic Ocean.								
ISC	II	13 18 59 40.0-93	59.44N-09	30.4W-20	10	3.8s,3.7b	13	7-61	
ISCJB	II	13 18 59 38.8-93	59.53N-09	30.4W-20	10	3.8s,3.7b		19570740	
IDC	II	13 18 59 38.5-1.6	59.40N	30.44W	0	4.0,3.9			
NEIC	II	13 18 59 39.9-1.0	59.36N	30.49W	10	4.0,3.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=13.3km s-min=12.5km az=170.2.								
IDC	Error ellipse: s-maj=33.0km s-min=23.1km az=22.0.								
NEIC	Event type se. Error ellipse: s-maj=20.9km s-min=11.4km az=207.0.								
IDC	II	15 21 22 39.4-1.4	59.39N	30.20W	0	3.9,3.8			

IDC	Error ellipse: s-maj=34.4km s-min=22.6km az=48.0.								
ISC	II	19 19 43 00.5-82	57.81N-09	32.5W-20	10	3.7b,3.5s	11	9-145	
ISCJB	II	19 19 42 59.1-83	57.89N-10	32.4W-20	10	3.7b,3.5s		19571476	
IDC	II	19 19 42 59.0-1.1	57.69N	32.52W	0	3.9,3.7			
ISCJB	Error ellipse: s-maj=14.5km s-min=11.9km az=115.7.								
IDC	Error ellipse: s-maj=33.0km s-min=18.9km az=23.0.								
IDC	IV	24 23 24 01.0-5.7	55.05N	35.59W	0	3.6,3.2b			19597894
IDC	Error ellipse: s-maj=255.2km s-min=58.3km az=28.0.								
ISC	V	10 14 08 10.6-45	52.57N-09	32.02W-08	10	3.9b,3.1s	46	13-149	
ISCJB	V	10 14 08 08.7-45	52.54N-09	32.09W-08	10	3.9b,3.1s		18494692	
CSEM	V	10 14 08 08.5-08	52.52N	31.86W	10	4.1b,3.1s			
IDC	V	10 14 08 09.2-66	52.56N	32.00W	0	4.2L,4.1			
NEIC	V	10 14 08 10.4-58	52.52N	32.08W	10	4.0b,4.1			
OTT	V	10 14 08 17.9-2.1	52.70N	32.42W	18	5.0L,4.1			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=13.4km s-min=6.0km az=152.2.								
CSEM	Event type ke. Error ellipse: s-maj=3.8km s-min=3.4km az=147.0.								
IDC	Error ellipse: s-maj=20.4km s-min=14.4km az=166.0.								
NEIC	Event type se. Error ellipse: s-maj=15.0km s-min=8.9km az=171.0.								
OTT	Event type ke. Error ellipse: s-maj=40.0km s-min=14.8km az=-1.0. 1526km northeast from Bonavista, NI.								
IDC	I	15 02 28 43.0-1.2	57.96N	32.47W	0	3.8,3.6s			19481555
IDC	Error ellipse: s-maj=42.5km s-min=25.7km az=31.0.								
IDC	I	15 05 17 02.9-1.2	57.82N	32.53W	0	3.7,3.5b			19481593
IDC	Error ellipse: s-maj=36.3km s-min=24.5km az=16.0.								
IDC	I	15 05 17 45.5-1.1	57.83N	32.55W	0	3.9,3.7			19481595
IDC	Error ellipse: s-maj=36.5km s-min=21.2km az=19.0.								
IDC	I	15 13 20 23.3-1.3	57.80N	32.56W	0	3.9,3.7b			19481705
IDC	Error ellipse: s-maj=43.5km s-min=22.4km az=23.0.								
IDC	I	12 03 51 22.4-1.4	54.12N	34.18W	0	3.7,3.4			19480554
IDC	Error ellipse: s-maj=64.0km s-min=28.2km az=38.0.								
IDC	I	22 05 42 39.3-1.2	59.31N	30.15W	0	3.7,3.7			19484777
IDC	Error ellipse: s-maj=34.2km s-min=27.8km az=83.0.								
IDC	I	31 00 49 37.5-1.4	54.56N	34.09W	0	3.6,3.3b			19488138
IDC	Error ellipse: s-maj=65.5km s-min=28.1km az=38.0.								
ISC	I	03 19 22 31.2-46	56.7N-10	34.41W-09	10	4.2b,3.5s	39	10-64	
ISCJB	I	03 19 22 29.7-46	56.7N-10	34.45W-09	10	4.2b,3.5s		18012073	
IDC	I	03 19 22 29.6-69	56.69N	34.40W	0	4.1,4.0			
ISCJB	Error ellipse: s-maj=16.3km s-min=6.5km az=27.4.								
IDC	Error ellipse: s-maj=23.4km s-min=12.0km az=6.0.								
ISC	I	06 02 19 44.9-29	57.13N-07	34.64W-07	10	4.2b,3.8s	121	10-99	
IDC	I	06 02 19 40.7-64	56.84N	34.13W	0	4.1,4.0		18029833	
ISCJB	I	06 02 19 43.4-30	57.11N-07	34.67W-06	10				

MDD	Error ellipse: s-maj=12.0km s-min=7.5km az=75.0. PRXIMO.				
NEIC	Event type se. Error ellipse: s-maj=45.8km s-min=7.7km az=65.0.				
INMG	Event type ke. Error ellipse: s-maj=4.6km s-min=2.7km az=45.0.				
CSEM	Event type ke. Error ellipse: s-maj=10.8km s-min=7.7km az=49.0.				
MDD	III 19 15 14 28.5-3.1 37.57N 15.42W 0 4.0b				
NEIC	III 19 15 14 27.9 37.89N 15.47W 0 4.0				
CSEM	III 19 15 14 29.8-38 37.94N 15.26W 2 3.4L				
INMG	III 19 15 14 31.0-73 37.26N 15.73W 10-0 2.5L				
MDD	Error ellipse: s-maj=32.6km s-min=26.1km az=11.0. PRXIMO.				
NEIC	Event type se. After MDD.				
CSEM	Event type ke. Error ellipse: s-maj=7.3km s-min=5.4km az=64.0.				
INMG	Event type ke. Error ellipse: s-maj=12.0km s-min=3.3km az=122.0.				
MDD	III 20 11 32 42.6-2.7 37.54N 13.30W 0 4.4b				
IGIL	III 20 11 32 41.9 37.50N 13.60W 29 2.9L				
INMG	III 20 11 32 43.9-77 37.27N 13.67W 10-0 2.6L				
CSEM	III 20 11 32 45.2-93 37.88N 12.87W 10 2.6L				
MDD	Error ellipse: s-maj=23.5km s-min=17.4km az=100.0. PRXIMO.				
NEIC	Event type se. After MDD.				
CSEM	Event type ke. Error ellipse: s-maj=8.3km s-min=6.9km az=150.0.				
INMG	Event type ke. Error ellipse: s-maj=15.8km s-min=11.2km az=79.0.				
MDD	III 24 17 02 04.6-3.5 35.43N 13.02W 0 4.6b				
CSEM	III 24 17 02 07.5-97 35.78N 12.68W 10 4.6b				
MDD	Error ellipse: s-maj=49.4km s-min=30.2km az=148.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=24.9km s-min=17.3km az=145.0.				
MDD	III 26 02 37 43.7-1.8 36.81N 11.12W 0 2.6				
NEIC	III 26 02 37 42.9 36.79N 11.27W 7 2.6				
INMG	III 26 02 37 44.9-82 36.67N 11.32W 31-0 2.0L				
IGIL	III 26 02 37 44.1 36.60N 11.30W 31 2.3L				
CSEM	III 26 02 37 46.3-56 37.01N 10.99W 40 2.0L				
MDD	Error ellipse: s-maj=15.4km s-min=11.4km az=62.0. PRXIMO.				
NEIC	Event type se. After MDD.				
INMG	Event type ke. Error ellipse: s-maj=5.8km s-min=3.8km az=70.0.				
CSEM	Event type ke. Error ellipse: s-maj=10.8km s-min=6.8km az=50.0.				
MDD	III 27 00 58 29.2-2.7 37.07N 13.04W 0 3.4b				
NEIC	III 27 00 58 28.6 37.18N 13.10W 0 2.8				
INMG	III 27 00 58 30.5-59 36.85N 13.41W 10-0 2.0L				
CSEM	III 27 00 58 31.1-73 36.38N 12.42W 10 2.0L				
MDD	Error ellipse: s-maj=24.9km s-min=22.4km az=126.0. PRXIMO.				
NEIC	Event type se. After MDD.				
INMG	Event type ke. Error ellipse: s-maj=6.4km s-min=4.6km az=116.0.				
CSEM	Event type ke. Error ellipse: s-maj=15.5km s-min=13.6km az=168.0.				
MDD	III 28 14 21 10.7-1.7 36.98N 10.94W 0 3.1				
NEIC	III 28 14 21 10.2 37.01N 10.98W 0 3.1				
INMG	III 28 14 21 12.7-85 36.88N 11.09W 31-0 2.5L				
CSEM	III 28 14 21 12.6-61 37.19N 10.88W 30 2.5L				
IGIL	III 28 14 21 13.0 36.90N 10.80W 0 2.7L				
MDD	Error ellipse: s-maj=15.4km s-min=11.1km az=55.0. PRXIMO.				
NEIC	Event type se. After MDD.				
INMG	Event type ke. Error ellipse: s-maj=7.0km s-min=4.9km az=52.0.				
CSEM	Event type ke. Error ellipse: s-maj=12.1km s-min=7.0km az=45.0.				
ISC	III 28 16 04 48.7-68 36.80N-03 10.88W-04 10 161 2-13				
SFS	III 28 16 04 45.0 36.72N 11.10W 0 3.5L				
NEIC	III 28 16 04 45.8 36.72N 11.16W 0 3.5				
MDD	III 28 16 04 46.3-1.3 36.68N 11.10W 0 3.5				
IGIL	III 28 16 04 46.7 36.60N 11.10W 0 3.7L				
CSEM	III 28 16 04 47.8-26 36.37N 10.65W 10 4.1L				
CNRM	III 28 16 04 47.0 36.27N 11.35W 31 3.9				
ISCJB	III 28 16 04 47.8-74 36.83N-03 10.80W-05 10 3.9				
LDG	III 28 16 04 47.2-27 36.61N 11.31W 20-0 3.9,3.8L				
INMG	III 28 16 04 48.1-71 36.54N 11.25W 31-0 3.2L,3.8L				
ISC	Event type ke.				
NEIC	Event type se. After MDD.				
MDD	Error ellipse: s-maj=11.8km s-min=7.0km az=60.0. PRXIMO.				
CSEM	Event type ke. Error ellipse: s-maj=5.1km s-min=3.2km az=73.0.				
ISCJB	Event type ke. Error ellipse: s-maj=6.1km s-min=4.0km az=103.8.				
LDG	Event type ke. Error ellipse: s-maj=5.7km s-min=3.1km az=42.0.				
INMG	Event type ke. Error ellipse: s-maj=4.5km s-min=3.0km az=89.0.				
MDD	III 29 15 41 43.9-2.3 37.22N 13.86W 0 4.4b				
INMG	III 29 15 41 45.5-72 36.93N 14.19W 10-0 2.9L				
IGIL	III 29 15 41 45.0 37.30N 13.80W 0 2.6L				
NEIC	III 29 15 41 45.7 37.31N 13.76W 0 3.3				
CSEM	III 29 15 41 47.9-44 37.39N 13.50W 30 2.9L				
MDD	Error ellipse: s-maj=20.4km s-min=15.2km az=66.0. PRXIMO.				
INMG	Event type ke. Error ellipse: s-maj=6.5km s-min=2.8km az=130.0.				
NEIC	Event type se. After MDD.				
CSEM	Event type ke. Error ellipse: s-maj=8.7km s-min=5.7km az=52.0.				
MDD	III 13 21 44 01.9-2.2 36.75N 10.42W 0 2.5				
INMG	III 13 21 44 02.4-69 36.66N 10.50W 10-0 1.9L				
MDD	Error ellipse: s-maj=18.4km s-min=13.8km az=64.0. PRXIMO.				
INMG	Event type ke. Error ellipse: s-maj=5.7km s-min=3.3km az=71.0.				
MDD	III 25 17 26 42.5-4.3 38.33N 16.25W 0 3.7b				
MDD	Error ellipse: s-maj=40.0km s-min=30.7km az=150.0. PRXIMO.				
ISC	VI 10 14 15 21.9-1.1 37.36N-05 12.76W-07 10 60 3-8				
MDD	VI 10 14 15 17.8-2.3 37.19N 13.10W 0 4.1b				
INMG	VI 10 14 15 19.7-86 37.05N 13.48W 10-0 2.6L				
ISCJB	VI 10 14 15 20.1-1.2 37.41N-05 12.75W-08 10 2.6L				
CSEM	VI 10 14 15 22.7-31 37.36N 12.69W 40 2.6L				
ISC	Event type ke.				
MDD	Error ellipse: s-maj=20.1km s-min=15.3km az=66.0. PRXIMO.				
INMG	Event type ke. Error ellipse: s-maj=6.4km s-min=3.9km az=79.0.				
ISCJB	Event type ke. Error ellipse: s-maj=9.1km s-min=6.6km az=142.3.				
CSEM	Event type ke. Error ellipse: s-maj=6.3km s-min=3.3km az=63.0.				
ISC	VI 26 17 45 04.4-1.6 36.20N-07 10.2W-10 10 38 2-6				
NEIC	VI 26 17 45 02.9 36.16N 10.33W 0 2.7				
ISCJB	VI 26 17 45 03.3-1.6 36.17N-07 10.2W-10 10 2.7				
CSEM	VI 26 17 45 03.9-28 36.04N 10.21W 5 3.4L				
INMG	VI 26 17 45 03.8-84 36.06N 10.45W 16-34 2.0L				
MDD	VI 26 17 45 03.0-2.4 36.15N 10.32W 0 3.8b				
ISC	Event type ke.				
NEIC	Event type se. After MDD.				
ISCJB	Event type ke. Error ellipse: s-maj=12.3km s-min=10.2km az=152.5.				
CSEM	Event type ke. Error ellipse: s-maj=6.3km s-min=4.9km az=174.0.				
INMG	Event type ke. Error ellipse: s-maj=32.7km s-min=4.8km az=53.0.				
MDD	Error ellipse: s-maj=21.8km s-min=17.5km az=81.0. PRXIMO.				
ISC	VI 23 04 26 16.8-1.2 37.09N-05 10.84W-07 10 58 2-8				
NEIC	VI 23 04 26 15.6 37.02N 10.93W 0 2.8				
ISCJB	VI 23 04 26 15.3-1.2 37.13N-05 10.89W-08 10 2.8				
CSEM	VI 23 04 26 15.6 36.81N 11.17W 31 2.8L				
INMG	VI 23 04 26 16.2-1.0 36.95N 11.03W 9-29 2.1L				
CSEM	VI 23 04 26 17.0-78 36.73N 10.59W 10 3.1L				
MDD	VI 23 04 26 18.2-2.0 37.04N 10.83W 99-19 2.7b				
ISC	Event type ke.				
NEIC	Event type se. After MDD.				
ISCJB	Event type ke. Error ellipse: s-maj=9.3km s-min=6.5km az=122.0.				
INMG	Event type ke. Error ellipse: s-maj=32.7km s-min=3.9km az=61.0.				
CSEM	Event type ke. Error ellipse: s-maj=14.2km s-min=11.2km az=67.0.				
MDD	Error ellipse: s-maj=16.2km s-min=9.2km az=67.0. PRXIMO.				
ISC	VI 22 21 16 18.5-7.1 37.57N-04 13.67W-05 10 91 4-11				
NEIC	VI 22 21 16 14.8 37.42N 14.07W 8 3.9				
IGIL	VI 22 21 16 14.8 37.40N 14.10W 8 2.7L				
INMG	VI 22 21 16 14.7-1.9 37.17N 14.50W 10-0 4.1b,2.6L				
ISCJB	VI 22 21 16 15.5-74 37.57N-04 13.37W-06 10 4.1b,2.6L				
CSEM	VI 22 21 16 17.4-31 37.70N 13.56W 10 2.6L,2.6L				
MDD	VI 22 21 16 20.1-3.5 37.66N 13.42W 0 4.0b,2.6L				
ISC	Event type ke.				
NEIC	Event type se. After MDD.				
INMG	Event type ke. Error ellipse: s-maj=9.5km s-min=7.2km az=81.0.				
ISCJB	Event type ke. Error ellipse: s-maj=6.8km s-min=5.6km az=65.1.				
CSEM	Event type ke. Error ellipse: s-maj=6.3km s-min=3.4km az=68.0.				
MDD	Error ellipse: s-maj=35.5km s-min=21.5km az=62.0. PRXIMO.				
MDD	VI 07 04 03 43.5-2.2 36.28N 10.71W 0 2.8b				

NEIC	VI 07 04 03 42.4 36.33N 10.82W 0 2.5				
INMG	VI 07 04 03 44.4-1.2 36.17N 10.74W 10-0 2.1L				
CSEM	VI 07 04 03 45.8-81 36.10N 10.25W 10 2.1L				
IGIL	VI 07 04 03 46.2 36.14N 10.67W 31 2.0L				
MDD	Error ellipse: s-maj=18.9km s-min=12.1km az=63.0. PRXIMO.				
NEIC	Event type se. After MDD.				
INMG	Event type ke. Error ellipse: s-maj=8.6km s-min=5.4km az=73.0.				
CSEM	Event type ke. Error ellipse: s-maj=15.7km s-min=11.3km az=28.0.				
MDD	VI 10 10 56 49.0-2.2 37.20N 13.16W 0 4.3b				
INMG	VI 10 10 56 50.1-1.5 37.06N 13.52W 0-52 3.0,2.5L				
IGIL	VI 10 10 56 50.1 37.30N 13.10W 0 2.4L,2.5L				
NEIC	VI 10 10 56 50.3 37.26N 13.10W 0 4.3,2.5L				
CSEM	VI 10 10 56 52.4-54 37.50N 12.76W 10 2.5L,2.5L				
MDD	Error ellipse: s-maj=19.2km s-min=15.1km az=79.0. PRXIMO.				
INMG	Event type ke. Error ellipse: s-maj=79.0km s-min=7.6km az=68.0.				
NEIC	Event type se. After MDD.				
CSEM	Event type ke. Error ellipse: s-maj=10.8km s-min=6.6km az=71.0.				
MDD	VI 14 06 07 17.5-4.6 36.71N 12.53W 0 3.6b				
NEIC	VI 14 06 07 17.5 36.71N 12.53W 0 3.6				
MDD	Error ellipse: s-maj=43.1km s-min=34.0km az=31.0. PRXIMO SIN SOLUCION.				
NEIC	Event type se. After MDD.				
ISC	VI 21 00 51 16.9-22 36.06N-02 10.46W-02 10 4.6b,3.8s 796 2-154				
SZGRF	VI 21 00 51 12.4 35.30N 10.81W 33 4.5b,3.7s				
BJI	VI 21 00 51 12.8 36.00N 10.45W 6 5.3b,5.0s				
IDC	VI 21 00 51 13.8-63 35.94N 10.58W 0 5.2L,4.5				
ISCJB	VI 21 00 51 14.6-22 36.03N-02 10.49W-02 10 4.6b,3.8s				
MOS	VI 21 00 51 14.2-1.0 36.02N 10.56W 10 5.3b,3.8s				
NEIC	VI 21 00 51 14.8-21 35.93N 10.67W 10 4.7b,3.8s				
CSEM	VI 21 00 51 15.6 35.72N 10.55W 33 4.8b,3.8s				
SFS	VI 21 00 51 17.0 36.10N 10.40W 0 5.5L,3.8s				
MDD	VI 21 00 51 19.1-81 36.00N 10.63W 42-27 5.7b,3.8s				
IGIL	VI 21 00 51 20.6 36.10N 10.60W 31 5.0L,3.8s				
LDG	VI 21 00 51 21.2 36.10N 10.41W 59 5.0L,3.8s				
INMG	VI 21 00 51 21.4-1.7 36.11N 10.52W 26-30 4.5L,3.9				
CNRM	VI 21 00 51 28.3 35.55N 9.87W 30 4.6,3.9				
ISC	Event type ke.				
SZGRF	Azores-Cape St. Vincent Ridge.				
IDC	Error ellipse: s-maj=15.9km s-min=12.9km az=104.0.				
ISCJB	Event type ke. Error ellipse: s-maj=2.9km s-min=2.6km az=21.4.				
MOS	Error ellipse: s-maj=8.5km s-min=2.4km az=48.3.				
NEIC	Event type se. Error ellipse: s-maj=4.1km s-min=2.8km az=130.0.				
MDD	Error ellipse: s-maj=6.9km s-min=5.2km az=82.0. PRXIMO.				
LDG	Event type ke.				
INMG	Event type ke. Error ellipse: s-maj=23.3km s-min=3.4km az=55.0.				
ISC	VI 17 04 37 18.3-1.1 37.47N-05 13.98W-07 10 65 4-9				
IGIL	VI 17 04 37 14.9 37.40N 14.30W 0 2.2L				
MDD	VI 17 04 37 14.3-2.2 37.31N 14.32W 0 4.2b				
INMG	VI 17 04 37 15.7-73 37.10N 14.70W 10-0 2.3L				
ISCJB	VI 17 04 37 17.0-1.1 37.53N-05 13.91W-07 10 2.3L				
CSEM	VI 17 04 37 18.4-46 37.64N 13.79W 10 2.3L				
ISC	Event type ke.				
MDD	Error ellipse: s-maj=19.7km s-min=16.7km az=67.0. PRXIMO.				
INMG	Event type ke. Error ellipse: s-maj=5.9km s-min=4.9km az=100.0.				
ISCJB	Event type ke. Error ellipse: s				

ISCJB	Event type fe. Error ellipse: s-maj=5.8km s-min=4.9km az=92.6.								
ISC	I 14 21 47 36.0-50	37.43N-03	13.50W-03	10	3.8b,3.5s	328	4-80		
SZGRF	I 14 21 47 12.7	36.46N	17.16W	33	4.0b,3.5s			18035932	
IDC	I 14 21 47 28.3-1.0	37.23N	14.31W	0	4.1,3.9				
NEIC	I 14 21 47 29.7-1.1	37.19N	14.09W	10	3.9b,3.9				
MDD	I 14 21 47 30.9-1.2	37.20N	13.94W	0	4.7b,3.9				
SFS	I 14 21 47 31.0	37.27N	13.90W	0	4.7L,3.9				
IGIL	I 14 21 47 31.6	37.05N	13.88W	0	4.0L,3.9				
CNRM	I 14 21 47 32.0	36.98N	14.03W	30	4.3,3.9				
INMG	I 14 21 47 33.6-1.7	37.02N	14.21W	10-0	4.5b,3.7L				
LDG	I 14 21 47 34.7-2.9	37.26N	13.96W	20-0	4.3L,3.7L				
ISCJB	I 14 21 47 35.1-5.3	37.51N-03	13.40W-04	10	3.8b,3.5s				
CSEM	I 14 21 47 37.9-21	37.56N	13.15W	10	3.7L,3.5s				
ISC	Event type ke.								
SZGRF	Azores-Cape St. Vincent Ridge.								
IDC	Error ellipse: s-maj=25.4km s-min=16.7km az=180.0.								
NEIC	Event type se. Error ellipse: s-maj=12.6km s-min=6.7km az=51.0.								
MDD	Error ellipse: s-maj=11.5km s-min=8.7km az=78.0. PRXIMO.								
INMG	Event type ke. Error ellipse: s-maj=6.9km s-min=6.1km az=121.0.								
LDG	Event type ke. Error ellipse: s-maj=5.4km s-min=4.2km az=58.0.								
ISCJB	Event type ke. Error ellipse: s-maj=4.7km s-min=3.7km az=64.4.								
CSEM	Event type ke. Error ellipse: s-maj=4.5km s-min=2.4km az=51.0.								
ISC	I 22 12 09 17.5-2.4	37.57N-09	13.4W-10	10		22	4-7		
CSEM	I 22 12 09 14.3-1.2	37.48N	13.61W	35	3.5b			18079058	
MDD	I 22 12 09 14.9-4.4	37.45N	13.5W	0	3.4b				
ISCJB	I 22 12 09 16.1-2.5	37.62N-09	13.3W-10	10	3.4b				
ISC	Event type ke.								
CSEM	Event type ke.								
MDD	PRXIMO SIN SOLUCIN.								
ISCJB	Event type ke.								
ISC	I 25 01 50 46.4-1.2	37.30N-06	13.58W-08	10		55	4-8		
MDD	I 25 01 50 42.1-2.5	37.03N	13.88W	0	3.6b			18079234	
ISCJB	I 25 01 50 44.9-1.3	37.37N-06	13.55W-08	10	3.6b				
INMG	I 25 01 50 44.6-94	36.96N	14.24W	10-0	2.2L				
CSEM	I 25 01 50 47.0-50	37.48N	13.40W	10	2.2L				
ISC	Event type ke.								
MDD	Error ellipse: s-maj=21.9km s-min=17.9km az=59.0. PRXIMO.								
ISCJB	Event type ke. Error ellipse: s-maj=9.4km s-min=8.6km az=125.6.								
INMG	Event type ke. Error ellipse: s-maj=8.2km s-min=6.6km az=92.0.								
CSEM	Event type ke. Error ellipse: s-maj=9.8km s-min=6.5km az=51.0.								
ISC	I 25 16 14 49.2-95	36.25N-04	10.22W-06	10		83	2-8		
NEIC	I 25 16 14 47.8	36.22N	10.40W	0	3.0			18079278	
MDD	I 25 16 14 47.5-1.6	36.19N	10.40W	0	2.9				
CSEM	I 25 16 14 48.2-40	36.12N	10.32W	30	2.5L				
ISCJB	I 25 16 14 48.0-95	36.18N-04	10.14W-07	10	2.5L				
INMG	I 25 16 14 49.6-82	36.22N	10.33W	0-0	2.5L				
CNRM	I 25 16 14 50.0	35.90N	10.34W	30	3.4				
ISC	Event type ke.								
NEIC	Event type se. After MDD.								
MDD	Error ellipse: s-maj=15.0km s-min=10.4km az=75.0. PRXIMO.								
CSEM	Event type ke. Error ellipse: s-maj=7.8km s-min=6.2km az=78.0.								
ISCJB	Event type ke. Error ellipse: s-maj=7.6km s-min=6.0km az=157.9.								
INMG	Event type ke. Error ellipse: s-maj=5.1km s-min=3.1km az=74.0.								
ISC	I 26 20 15 31.6-2.1	37.42N-09	13.6W-10	10		23	4-7		
MDD	I 26 20 15 27.5-4.0	37.18N	13.92W	0	3.7b			18079346	
ISCJB	I 26 20 15 30.0-2.1	37.47N-09	13.6W-10	10	3.7b				
CSEM	I 26 20 15 29.3-1.1	37.39N	13.84W	2	2.9L				
ISC	Event type ke.								
MDD	Error ellipse: s-maj=36.9km s-min=31.3km az=1.0. PRXIMO SOLUCIN POBRE.								
ISCJB	Event type ke. Error ellipse: s-maj=15.2km s-min=11.7km az=98.6.								
CSEM	Event type ke. Error ellipse: s-maj=23.6km s-min=19.6km az=161.0.								
ISC	I 26 20 28 58.0-2.2	37.53N-09	13.6W-10	10		24	4-7		
MDD	I 26 20 28 54.2-4.2	37.34N	13.94W	0	3.5b			18079347	
ISCJB	I 26 20 28 56.9-2.2	37.60N-09	13.6W-10	10	3.5b				
CSEM	I 26 20 28 56.7-3.9	37.42N	13.81W	10	3.0L				
ISC	Event type ke.								
MDD	Error ellipse: s-maj=40.5km s-min=32.5km az=143.0. PRXIMO SOLUCIN POBRE.								
ISCJB	Event type ke. Error ellipse: s-maj=15.5km s-min=13.2km az=167.6.								
CSEM	Event type ke. Error ellipse: s-maj=8.5km s-min=6.0km az=113.0.								
ISC	I 28 12 00 44.9-1.2	37.35N-07	13.71W-07	10		56	4-15		
LDG	I 28 12 00 41.2-34	37.01N	14.20W	20-0	3.4L			18079468	
MDD	I 28 12 00 41.6-2.5	37.22N	14.02W	0	3.9b				
ISCJB	I 28 12 00 43.5-1.2	37.40N-07	13.66W-07	10	3.9b				
INMG	I 28 12 00 43.9-74	37.00N	14.32W	10-0	2.5L				
CSEM	I 28 12 00 45.1-36	37.41N	13.74W	40	2.5L				
ISC	Event type ke.								
LDG	Event type ke. Error ellipse: s-maj=7.0km s-min=5.2km az=21.0.								
MDD	Error ellipse: s-maj=23.1km s-min=20.7km az=34.0. PRXIMO.								
ISCJB	Event type ke. Error ellipse: s-maj=9.8km s-min=7.7km az=44.8.								
INMG	Event type ke. Error ellipse: s-maj=6.8km s-min=5.2km az=94.0.								
CSEM	Event type ke. Error ellipse: s-maj=7.4km s-min=4.8km az=41.0.								
ISC	I 31 02 41 10.2-1.3	37.39N-05	13.55W-08	10		81	4-8		
MDD	I 31 02 41 06.4-2.5	37.21N	13.84W	0	3.7b			18079632	
NEIC	I 31 02 41 07.0	37.28N	13.88W	0	3.5				
ISCJB	I 31 02 41 08.9-1.3	37.43N-05	13.99W-08	10	3.5				
INMG	I 31 02 41 08.3-1.0	36.98N	14.18W	10-0	2.3L				
CSEM	I 31 02 41 09.1-32	37.36N	13.78W	10	3.1L				
ISC	Event type ke.								
MDD	Error ellipse: s-maj=21.4km s-min=17.7km az=92.0. PRXIMO.								
NEIC	Event type se. After MDD.								
ISCJB	Event type ke. Error ellipse: s-maj=9.2km s-min=7.7km az=157.8.								
INMG	Event type ke. Error ellipse: s-maj=9.3km s-min=6.9km az=109.0.								
CSEM	Event type ke. Error ellipse: s-maj=5.9km s-min=4.5km az=55.0.								
MDD	I 05 22 02 12.9-2.2	37.26N	13.54W	0	3.8b				
IGIL	I 05 22 02 13.3	37.40N	13.60W	2	2.4L			18029811	
INMG	I 05 22 02 14.7-1.1	37.02N	13.87W	10-0	2.5L				
CSEM	I 05 22 02 15.2-48	37.46N	13.37W	2	3.5L				
MDD	Error ellipse: s-maj=19.3km s-min=15.1km az=67.0. PRXIMO.								
INMG	Event type ke. Error ellipse: s-maj=9.0km s-min=7.1km az=135.0.								
CSEM	Event type ke. Error ellipse: s-maj=8.4km s-min=5.4km az=58.0.								
ISC	I 10 08 47 35.6-1.6	37.29N-09	13.7W-10	10		36	4-8		
MDD	I 10 08 47 32.1-3.1	37.30N	14.00W	0	3.9b			18035778	
CSEM	I 10 08 47 33.9-1.3	36.44N	13.41W	10	2.5L				
ISCJB	I 10 08 47 34.3-1.7	37.32N-09	13.6W-10	10	2.5L				
INMG	I 10 08 47 34.3-1.1	36.99N	14.28W	10-0	2.5L				
ISC	Event type ke.								
MDD	Error ellipse: s-maj=27.1km s-min=23.9km az=111.0. PRXIMO.								
CSEM	Event type ke. Error ellipse: s-maj=31.6km s-min=24.1km az=149.0.								
ISCJB	Event type ke. Error ellipse: s-maj=14.0km s-min=11.5km az=123.9.								
INMG	Event type ke. Error ellipse: s-maj=12.8km s-min=10.0km az=124.0.								
ISC	I 31 12 30 40.5-68	35.74N-03	10.91W-04	10		230	2-17		
SFS	I 31 12 30 31.0	35.33N	11.40W	0	3.3L			18079649	
NEIC	I 31 12 30 32.1-67	35.28N	11.45W	10	3.3				
MDD	I 31 12 30 36.3-1.4	35.53N	11.23W	0	4.4b				
IGIL	I 31 12 30 36.6	35.44N	11.15W	2	3.7L				
LDG	I 31 12 30 36.5-31	35.36N	11.24W	10-0	3.9L,3.9				
INMG	I 31 12 30 37.8-1.6	35.44N	11.20W	10-0	3.3L,3.9				
ISCJB	I 31 12 30 38.8-72	35.75N-04	10.86W-04	10	3.3L,3.9				
CNRM	I 31 12 30 39.0	34.94N	11.06W	30	3.8,3.9				
CSEM	I 31 12 30 39.1-26	35.85N	10.85W	10	3.3L,3.9				
ISC	Event type ke.								
NEIC	Event type se. Error ellipse: s-maj=10.2km s-min=7.2km az=120.0.								
MDD	Error ellipse: s-maj=13.2km s-min=10.3km az=46.0. PRXIMO.								
LDG	Event type ke. Error ellipse: s-maj=5.9km s-min=4.2km az=22.0.								
INMG	Event type ke. Error ellipse: s-maj=6.3km s-min=5.0km az=83.0.								
ISCJB	Event type ke. Error ellipse: s-maj=5.8km s-min=4.5km az=76.1.								
CSEM	Event type ke. Error ellipse: s-maj=5.7km s-min=3.6km az=19.0.								
ISC	I 28 00 47 30.7-1.3	37.31N-06	13.64W-08	10		43	4-8		
NEIC	I 28 00 47 25.4	37.07N	13.97W	0	4.0			18079449	
MDD	I 28 00 47 26.9-2.5	37.08N	13.91W	0	3.9b				

NEIC	Event type se. Error ellipse: s-maj=7.4km s-min=6.0km az=173.0.								
CSEM	Event type ke. Error ellipse: s-maj=3.1km s-min=2.8km az=131.0.								
SZGRF	Carlsberg Ridge.								
ISC	II 11 12 05 14.3-42	10.10N-07	56.78E-05	10	4.4b,3.3s	86			
IDC	II 11 12 05 11.8-66	9.98N	56.99E	0	4.1,4.1				
ISCJB	II 11 12 05 11.9-43	10.10N-08	56.78E-05	10	4.4b,3.3s				
MOS	II 11 12 05 11.9-93	9.99N	56.94E	10	4.7b,3.3s				
BJI	II 11 12 05 12.9	10.00N	56.90E	10	5.0b,4.6b				
NEIC	II 11 12 05 13.9-39	9.99N	56.91E	10	4.6b,4.6b				
CSEM	II 11 12 05 15.3-13	10.12N	56.73E	33	4.6b,3.4s				
ISC	Event type se. Error ellipse: s-maj=19.9km s-min=15.0km az=125.0.								
IDC	Event type ke. Error ellipse: s-maj=10.9km s-min=7.7km az=161.8.								
ISCJB	Error ellipse: s-maj=16.3km s-min=12.1km az=72.0.								
MOS	Event type se. Error ellipse: s-maj=12.0km s-min=8.0km az=142.0.								
NEIC	Event type se. Error ellipse: s-maj=6.5km s-min=3.1km az=175.0.								
CSEM	Event type ke. Error ellipse: s-maj=16.8km s-min=10.4km az=129.0.								
ISC	II 13 03 19 03.1-83	9.9N-10	57.2E-10	10	3.8b,2.9s	17	23-81		
IDC	II 13 03 19 01.0-99	9.82N	57.18E	0	3.9,3.8				
ISCJB	II 13 03 19 01.1-83	9.9N-10	57.2E-10	10	3.8b,2.9s				
NEIC	II 13 03 19 02.7-59	9.83N	57.19E	10	3.8b,2.9s				
ISC	Event type se. Error ellipse: s-maj=26.3km s-min=18.1km az=136.0.								
IDC	Event type ke. Error ellipse: s-maj=22.8km s-min=13.7km az=80.4.								
ISCJB	Error ellipse: s-maj=16.8km s-min=10.4km az=129.0.								
MOS	Event type se. Error ellipse: s-maj=9.6km s-min=8.7km az=7.9.								
NEIC	Event type se. Error ellipse: s-maj=13.9km s-min=8.5km az=160.0.								
CSEM	Event type ke. Error ellipse: s-maj=3.9km s-min=2.9km az=179.0.								
OMAN	Error ellipse: s-maj=12.7km s-min=7.0km az=342.0.								
IDC	II 16 07 40 09.6-53	9.72N-07	57.63E-06	10	4.2b,3.7s	42	8-126		
IDC	II 16 07 40 06.7-66	9.61N	57.55E	0	4.2,4.2L				
MOS	II 16 07 40 06.8-1.3	9.63N	57.66E	10	4.9b,4.2L				
ISCJB	II 16 07 40 07.5-54	9.76N-07	57.62E-06	10	4.2b,3.7s				
NEIC	II 16 07 40 08.7-49	9.59N	57.63E	10	4.7b,3.7s				
CSEM	II 16 07 40 12.1-10	9.83N	57.53E	40	4.7b,3.7s				
OMAN	II 16 07 40 58.5	13.34N	57.16E	30-0	4.7b,3.7s				
ISC	Event type se. Error ellipse: s-maj=18.6km s-min=15.7km az=148.0.								
IDC	Event type ke. Error ellipse: s-maj=19.6km s-min=13.6km az=57.5.								
MOS	Event type se. Error ellipse: s-maj=9.6km s-min=8.7km az=7.9.								
ISCJB	Error ellipse: s-maj=13.9km s-min=8.5km az=160.0.								
NEIC	Event type se. Error ellipse: s-maj=3.9km s-min=2.9km az=179.0.								
CSEM	Error ellipse: s-maj=12.7km s-min=7.0km az=342.0.								
OMAN	II 20 18 36 35.3-2.3	1.90N	67.90E	0	3.8,3.6b				
IDC	Error ellipse: s-maj=68.1km s-min=30.9km az=55.0.								
ISC	II 20 18 52 05.3-28	2.71S-05	68.07E-04	10	4.7b,4.3s	156	6-151		
BJI	II 20 18 51 57.5	3.27S	67.58E	10	5.0b,4.8b				
ISCJB	II 20 18 52 02.9-30	2.74S-05	68.08E-04	10	4.7b,4.3s				
IDC	II 20 18 52 03.4-46	2.62S	68.09E	0	4.5,4.4				
MOS	II 20 18 52 03.3-1.4	2.63S	68.11E	10	4.9b,4.4				
NEIC	II 20 18 52 05.0-24	2.71S	68.09E	10	4.9b,4.4				
HRVD	II 20 18 52 04.9-50	2.79S	68.08E	12	4.9W,4.4				
NAO	II 20 18 52 15.1	1.94N	75.05E	33	4.3b,4.4				
SZGRF	II 20 18 52 29.9	1.87N	68.44E	33	4.9b,4.4				
ISC	Event type se. Error ellipse: s-maj=7.1km s-min=6.3km az=33.1.								
ISCJB	Error ellipse: s-maj=14.5km s-min=12.9km az=17.0.								
MOS	Error ellipse: s-maj=9.9km s-min=6.2km az=100.4.								
NEIC	Event type se. Error ellipse: s-maj=6.8km s-min=5.9km az=34.0.								
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s29,c41; Mantle waves: s62,c102; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr: 1.99±.12; Mw: 0.50±.12; Mw: 1.20±.30; Mw: 1.17±.09; Mw: 1.05±.41; Best double couple: NP1:φ:87.00000°; λ:124.00000°; NP2:φ:306.00000°; λ:70.00000°; λ:70.00000°. Principal axes: T 3.3180,Plg16.0000°; Azm21.0000°; N -0.7160,Plg18.0000°; Azm116.0000°; P -2.6010,Plg66.0000°; Azm252.0000°; Mz2.96000×10 ¹⁶								
SZGRF	Carlsberg Ridge.								
ISC	II 20 18 55 17.2-39	2.76S-06	68.07E-06	10	4.5b,4.4s	73	6-151		
BJI	II 20 18 55 10.6	3.24S	67.74E	10	4.9b,4.7s				
ISCJB	II 20 18 55 14.6-40	2.81S-06	68.06E-06	10	4.5b,4.4s				
IDC	II 20 18 55 14.9-64	2.75S	68.06E	0	4.2,4.1b				
MOS	II 20 18 55 15.1-93	2.78S	68.13E	10	4.7b,4.1b				
NEIC	II 20 18 55 16.7-25	2.79S	68.09E	10	4.6b,4.1b				
ISC	Event type se. Error ellipse: s-maj=8.7km s-min=8.1km az=146.8.								
ISCJB	Error ellipse: s-maj=19.1km s-min=16.0km az=175.0.								
MOS	Error ellipse: s-maj=13.1km s-min=9.8km az=84.1.								
NEIC	Event type se. Error ellipse: s-maj=6.3km s-min=6.1km az=28.0.								
ISC	II 21 07 21 18.4-72	10.33N-06	57.2E-10	10	3.9b	28	8-82		
ISCJB	II 21 07 21 16.4-71	10.35N-06	57.1E-10	10	3.9b				
IDC	II 21 07 21 16.9-90	10.43N	56.96E	0	3.9,3.9				
NEIC	II 21 07 21 18.5-1.3	10.37N	57.03E	10	4.1b,3.9				
CSEM	II 21 07 21 21.1-23	10.56N	56.73E	33	3.9b,3.9				
ISC	Event type se. Error ellipse: s-maj=18.8km s-min=8.3km az=26.9.								
ISCJB	Error ellipse: s-maj=28.2km s-min=15.9km az=113.0.								
NEIC	Event type se. Error ellipse: s-maj=41.9km s-min=13.5km az=112.0.								
CSEM	Event type ke. Error ellipse: s-maj=18.2km s-min=5.0km az=119.0.								
ISC	II 21 21 44 23.1-63	1.62N-09	67.1E-10	10	4.3b	40	10-80		
ISCJB	II 21 21 44 20.7-63	1.58N-09	67.2E-10	10	4.3b				
MOS	II 21 21 44 20.1-1.6	1.46N	67.00E	10	4.7b				
IDC	II 21 21 44 22.3-97	1.74N	67.32E	0	4.0,3.9				
NEIC	II 21 21 44 22.8-53	1.58N	67.13E	10	4.4b,3.9				
ISC	Event type se. Error ellipse: s-maj=20.6km s-min=10.7km az=128.0.								
ISCJB	Error ellipse: s-maj=18.0km s-min=11.1km az=81.1.								
MOS	Error ellipse: s-maj=28.3km s-min=21.0km az=55.0.								
IDC	Event type se. Error ellipse: s-maj=17.0km s-min=9.7km az=65.0.								
NEIC	II 21 22 08 49.3-1.9	1.53N	67.03E	0	3.8,3.6b				
IDC	Error ellipse: s-maj=63.8km s-min=24.1km az=57.0.								
IDC	IV 07 08 03 17.6-2.5	2.05S	67.53E	0	4.0,3.9b				
IDC	Error ellipse: s-maj=90.4km s-min=26.7km az=63.0.								
IDC	IV 11 09 43 56.0-1.1	9.66N	58.06E	0	3.7,3.5				
IDC	Error ellipse: s-maj=44.2km s-min=27.8km az=27.0.								
IDC	II 26 08 18 48.4-37	0.05N	67.97E	0	3.9,3.7s				
IDC	Error ellipse: s-maj=1110.0km s-min=42.7km az=75.0.								
ISC	V 16 15 40 04.3-79	5.3N-20	62.3E-10	10	4.3b	8	26-75		
ISCJB	V 16 15 40 02.0-79	5.3N-20	62.3E-10	10	4.3b				
IDC	V 16 15 40 02.2-98	5.21N	62.34E	0	4.5,4.3b				
NEIC	V 16 15 40 03.7-64	5.25N	62.31E	10	4.7b,4.3b				
ISC	Event type se. Error ellipse: s-maj=30.4km s-min=19.3km az=32.6.								
ISCJB	Error ellipse: s-maj=37.9km s-min=24.6km az=23.0.								
NEIC	Event type se. Error ellipse: s-maj=25.5km s-min=16.2km az=198.0.								
IDC	I 15 23 55 22.2-14	5.05S	67.85E	0	3.7,3.5b				
IDC	Error ellipse: s-maj=438.7km s-min=42.4km az=67.0.								
IDC	I 10 06 15 40.5-2.3	3.54N	64.57E	0	3.9s,3.9				
IDC	Error ellipse: s-maj=78.9km s-min=33.3km az=62.0.								
ISC	I 09 22 20 12.7-1.4	9.6N-20	57.2E-30	10	3.9b,3.7s	11	23-62		
ISCJB	I 09 22 20 11.0-1.4	9.6N-20	57.1E-30	10	3.9b,3.7s				
IDC	I 09 22 20 12.8-3.5	9.79N	57.06E	0	3.8,3.7s				
NEIC	I 09 22 20 12.4-1.4	9.58N	57.12E	10	4.4b,3.7s				
ISC	Event type se. Error ellipse: s-maj=41.1km s-min=15.0km az=58.0.								
IDC	Error ellipse: s-maj=89.9km s-min=25.1km az=135.0.								
NEIC	Event type se. Error ellipse: s-maj=45.0km s-min=16.1km az=117.0.								
ISC	I 12 09 34 58.9-39	9.76N-05	57.60E-05	10	4.7b,4.3s	118	8-137		
MOS	I 12 09 34 56.6-1.1	9.83N	57.61E	10	4.9b,4.3s				

BJI	I 12 09 34 56.8	9.90N	57.60E	10	5.1b,4.7s				
ISCJB	I 12 09 34 56.4-41	9.74N-06	57.58E-05	10	4.7b,4.3s				
IDC	I 12 09 34 57.2-73	9.79N	57.69E	0	4.4,4.3				
NEIC	I 12 09 34 58.8-39	9.86N	57.59E	10	4.8b,4.3				
CSEM	I 12 09 35 00.5-10	10.00N	57.56E	33	4.8b,3.9s				
ISC	Event type se. Error ellipse: s-maj=12.1km s-min=7.3km az=104.2.								
MOS	Event type ke. Error ellipse: s-maj=8.1km s-min=6.7km az=14.4.								
ISCJB	Error ellipse: s-maj=22.5km s-min=15.9km az=141.0.								
IDC	Event type se. Error ellipse: s-maj=9.9km s-min=7.8km az=165.0.								
NEIC									

HRVD Error ellipse: s-maj=5.6km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s23,c23; Mantle waves: s61,c82; Half duration: 0 Moment tensor: Scale 1016 Nm; $M_{11} = -3.80 \pm 2.8$; $M_{22} = 3.16 \pm 1.9$; $M_{33} = 0.63 \pm 1.7$; $M_{12} = 1.81 \pm 5.2$; $M_{13} = 0.03 \pm 1.2$; $M_{23} = 0.14 \pm 6.3$; Best double couple: NP1: $\phi = 268.00000^\circ$; $\lambda = 93.00000^\circ$; NP2: $\phi = 91.00000^\circ$; $\lambda = 859.00000^\circ$; $\lambda = 88.00000^\circ$; Principal axes: T 3.6030, P1g14.0000; Azm180.0000; N 0.6390, P1g2.0000; Azm270.0000; P -2.4270, P1g76.0000; Azm7.0000; M3.92500x1016

NEIC Event type se. Error ellipse: s-maj=7.0km s-min=5.9km az=208.0.

IDC V 26 13 01 04.5-1.3 37.32S 51.20E 0 4.1,3.9 \uparrow 9599429

IDC Error ellipse: s-maj=45.2km s-min=35.0km az=130.0.

ISC V 29 23 42 29.6-81 37.7S-20 51.4E-20 10 4.1s,3.9b 9 19-151

ISCJB V 29 23 42 27.7-83 37.7S-20 51.4E-20 10 4.1s,3.9b \uparrow 9132295

IDC V 29 23 42 27.5-1.2 37.7S 51.30E 0 4.1,4.1s

NEIC V 29 23 42 28.9-71 37.7S 51.31E 10 4.1b,4.1s

HRVD V 29 23 42 29.0-50 37.36S 51.43E 12-1 4.9W,4.1s

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=33.3km s-min=14.4km az=50.5.

IDC Error ellipse: s-maj=65.0km s-min=22.8km az=28.0.

NEIC Event type se. Error ellipse: s-maj=30.2km s-min=13.1km az=205.0.

HRVD Error ellipse: s-maj=6.7km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s17,c19; Mantle waves: s44,c61; Half duration: 0 Moment tensor: Scale 1016 Nm; $M_{11} = 2.08 \pm 2.2$; $M_{22} = 2.81 \pm 1.7$; $M_{33} = -0.73 \pm 1.7$; $M_{12} = 0.16 \pm 3.4$; $M_{13} = 0.44 \pm 1.1$; $M_{23} = 0.01 \pm 5.6$; Best double couple: NP1: $\phi = 81.00000^\circ$; $\lambda = 92.00000^\circ$; NP2: $\phi = 264.00000^\circ$; $\lambda = 847.00000^\circ$; $\lambda = 88.00000^\circ$; Principal axes: T 2.8690, P1g2.0000; Azm353.0000; N -0.7850, P1g1.0000; Azm83.0000; P -2.0860, P1g88.0000; Azm212.0000; M2.47700x1016

ISC V 30 00 46 38.8-9.4 37.37S-08 51.2E-10 9-58 4.2b,3.9s 31 19-151

ISCJB V 30 00 46 37.5-41 37.39S-08 51.2E-10 10 4.2b,3.9s \uparrow 9132310

IDC V 30 00 46 37.5-71 37.40S 51.16E 0 4.1b,4.1

NEIC V 30 00 46 38.9-33 37.43S 51.12E 10 4.3b,4.1

HRVD V 30 00 46 38.9-60 37.33S 51.29E 18-2 4.8W,4.1

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=12.8km s-min=10.1km az=103.4.

IDC Error ellipse: s-maj=28.6km s-min=17.0km az=31.0.

NEIC Event type se. Error ellipse: s-maj=11.9km s-min=8.0km az=213.0.

HRVD Error ellipse: s-maj=12.2km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s4,c4; Mantle waves: s39,c47; Half duration: 0 Moment tensor: Scale 1016 Nm; $M_{11} = 2.22 \pm 2.9$; $M_{22} = 1.82 \pm 2.0$; $M_{33} = 0.40 \pm 1.7$; $M_{12} = 0.23 \pm 4.5$; $M_{13} = 0.22 \pm 1.0$; $M_{23} = 0.21 \pm 6.4$; Best double couple: NP1: $\phi = 265.00000^\circ$; $\lambda = 84.00000^\circ$; NP2: $\phi = 77.00000^\circ$; $\lambda = 849.00000^\circ$; $\lambda = 95.00000^\circ$; Principal axes: T 1.8700, P1g4.0000; Azm171.0000; N 0.3800, P1g4.0000; Azm81.0000; P -2.2480, P1g85.0000; Azm305.0000; M2.05900x1016

IDC V 05 13 05 33.4-7.5 36.29S 53.37E 0 3.9,3.7b \uparrow 9598533

IDC Error ellipse: s-maj=34.4km s-min=22.8km az=23.0.

ISC V 11 09 00 53.6-61 23.9S-10 82.4E-10 10 4.2b 16 47-157

ISCJB V 11 09 00 51.9-60 23.9S-10 82.4E-10 10 4.2b \uparrow 91713519

IDC V 11 09 00 51.9-1.3 23.90S 82.37E 0 4.3,4.1b

NEIC V 11 09 00 53.4-45 23.94S 82.40E 10 4.5b,4.1b

MOS V 11 09 00 54.2-52 23.40S 82.58E 10 4.8b,4.1b

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=21.5km s-min=16.1km az=55.2.

IDC Error ellipse: s-maj=52.1km s-min=21.9km az=29.0.

NEIC Event type se. Error ellipse: s-maj=15.8km s-min=11.9km az=211.0.

MOS Error ellipse: s-maj=99.9km s-min=77.8km az=101.7.

ISC I 22 22 23 15.7-35 0.68S-05 89.56E-06 10 4.2b,3.8s 54 10-149

ISCJB I 22 22 23 13.5-36 0.68S-05 89.60E-06 10 4.2b,3.8s \uparrow 91870988

IDC I 22 22 23 13.7-66 0.58S 89.57E 0 4.1,4.0

BJI I 22 22 23 15.4 0.60S 89.60E 10 4.8b,4.3b

NEIC I 22 22 23 15.5-31 0.65S 89.58E 10 4.6b,4.3b

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=9.2km s-min=7.1km az=132.5.

IDC Error ellipse: s-maj=22.0km s-min=16.1km az=50.0.

NEIC Event type se. Error ellipse: s-maj=8.6km s-min=6.3km az=56.0.

MOS V 27 12 11 10.8-45 37.49S-08 51.1E-10 10 4.1b,3.6s 33 19-153

IDC V 27 12 11 09.0-77 37.47S 51.27E 0 4.2L,4.0

ISCJB V 27 12 11 09.1-45 37.48S-08 51.2E-10 10 4.1b,3.6s \uparrow 91840629

NEIC V 27 12 11 09.8-50 37.74S 51.02E 10 4.6b,3.6s

MOS V 27 12 11 09.3-1.0 37.45S 51.15E 10 4.7b,3.6s

ISC Event type se.

IDC Error ellipse: s-maj=28.5km s-min=20.0km az=37.0.

ISCJB Event type se. Error ellipse: s-maj=14.4km s-min=10.0km az=116.7.

NEIC Event type se. Error ellipse: s-maj=17.6km s-min=12.1km az=222.0.

MOS Error ellipse: s-maj=29.5km s-min=18.9km az=129.1.

ISC V 27 17 57 16.4-85 37.6S-20 51.2E-20 10 3.9b,3.8s 8 23-151

ISCJB V 27 17 57 14.4-85 37.5S-20 51.2E-20 10 3.9b,3.8s \uparrow 9599468

IDC V 27 17 57 14.5-85 37.46S 51.23E 0 4.1,4.0

ISCJB Error ellipse: s-maj=24.0km s-min=18.8km az=64.9.

IDC Error ellipse: s-maj=40.7km s-min=21.9km az=18.0.

ISC V 29 23 52 59.3-48 37.4S-10 51.2E-10 10 4.1s,3.9b 23 19-153

ISCJB V 29 23 52 57.6-48 37.4S-10 51.2E-10 10 4.1s,3.9b \uparrow 9132296

IDC V 29 23 52 57.6-63 37.32S 51.21E 0 4.2s,4.1

NEIC V 29 23 52 59.1-35 37.36S 51.19E 10 3.9b,4.1

HRVD V 29 23 52 59.1-40 37.48S 51.22E 14-1 4.9W,4.1

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=19.0km s-min=10.6km az=41.3.

IDC Error ellipse: s-maj=25.3km s-min=17.4km az=32.0.

NEIC Event type se. Error ellipse: s-maj=14.7km s-min=8.4km az=199.0.

HRVD Error ellipse: s-maj=4.4km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s11,c12; Mantle waves: s51,c71; Half duration: 0 Moment tensor: Scale 1016 Nm; $M_{11} = 2.76 \pm 2.2$; $M_{22} = 2.98 \pm 1.7$; $M_{33} = -0.21 \pm 1.3$; $M_{12} = 0.82 \pm 3.5$; $M_{13} = 0.79 \pm 1.1$; $M_{23} = 0.41 \pm 3.8$; Best double couple: NP1: $\phi = 244.00000^\circ$; $\lambda = 110.00000^\circ$; NP2: $\phi = 89.00000^\circ$; $\lambda = 853.00000^\circ$; $\lambda = 74.00000^\circ$; Principal axes: T 3.2500, P1g7.0000; Azm168.0000; N -0.2730, P1g13.0000; Azm259.0000; P -2.9750, P1g76.0000; Azm50.0000; M3.11200x1016

ISC IV 29 15 20 21.2-42 9.90S-08 91.79E-08 10 4.4b 53 5-149

ISCJB IV 29 15 20 19.1-42 9.91S-08 91.78E-08 10 4.4b \uparrow 918321330

MOS IV 29 15 20 19.6-83 9.63S 91.83E 10 4.9b

IDC IV 29 15 20 19.6-65 9.75S 91.81E 0 4.3,4.2b

NEIC IV 29 15 20 20.8-33 9.83S 91.82E 10 4.8b,4.2b

BJI IV 29 15 20 21.2 10.19S 92.40E 21 4.9b,4.8s

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=13.1km s-min=8.5km az=82.6.

MOS Error ellipse: s-maj=18.1km s-min=13.0km az=126.1.

IDC Error ellipse: s-maj=23.8km s-min=15.7km az=32.0.

NEIC Event type se. Error ellipse: s-maj=13.9km s-min=7.7km az=213.0.

ISC IV 30 00 09 57.4-27 9.86S-06 91.82E-05 10 4.9s,4.7b 128 5-150

MOS IV 30 00 09 55.6-1.2 9.77S 91.91E 10 5.0b,4.7b \uparrow 918565473

IDC IV 30 00 09 55.3-52 9.83S 91.80E 0 4.5,4.4b

ISCJB IV 30 00 09 55.5-27 9.84S-06 91.87E-05 10 4.9s,4.7b

BJI IV 30 00 09 57.0 9.90S 91.80E 10 4.9b,4.8b

NEIC IV 30 00 09 57.0-25 9.86S 91.83E 10 4.8b,4.8b

SZGRF IV 30 00 10 06.1 8.67S 91.21E 33 4.6b,4.8b

ISC Event type se.

MOS Error ellipse: s-maj=13.8km s-min=8.2km az=124.3.

IDC Error ellipse: s-maj=18.9km s-min=13.9km az=30.0.

ISCJB Event type se. Error ellipse: s-maj=8.8km s-min=6.2km az=74.1.

NEIC Event type se. Error ellipse: s-maj=10.6km s-min=6.3km az=33.0.

SZGRF South Indian Ocean.

ISC IV 30 01 10 57.7-58 9.9S-10 91.9E-10 10 4.9s,4.3b 29 5-90

ISCJB IV 30 01 10 55.5-59 10.0S-10 91.9E-10 10 4.9s,4.3b \uparrow 918646756

MOS IV 30 01 10 55.6-2.0 9.77S 91.90E 10 4.6b,4.3b

IDC IV 30 01 10 56.2-84 9.72S 91.84E 0 4.8s,4.8

NEIC IV 30 01 10 57.1-66 9.94S 91.87E 10 4.5b,4.8

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=22.4km s-min=11.1km az=57.8.

MOS Error ellipse: s-maj=29.3km s-min=16.3km az=44.5.

IDC Error ellipse: s-maj=38.1km s-min=18.8km az=27.0.

NEIC Event type se. Error ellipse: s-maj=27.1km s-min=12.5km az=210.0.

ISC IV 01 12 21 09.9-53 35.4S-10 54.0E-10 10 4.3b 17 18-152

ISCJB IV 01 12 21 08.0-53 35.42S-10 54.0E-10 10 4.3b \uparrow 9593997

IDC IV 01 12 21 08.7-73 35.19S 54.14E 0 4.4L,4.2

NEIC IV 01 12 21 09.5-40 35.41S 54.01E 10 4.7b,4.2

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=16.8km s-min=12.5km az=102.7.

IDC Error ellipse: s-maj=35.8km s-min=19.1km az=37.0.

NEIC Event type se. Error ellipse: s-maj=13.9km s-min=11.0km az=55.0.

(426) Chagos Archipelago region.

ISC IV 15 00 00 05.3-54 6.6S-10 71.35E-09 10 4.1b,3.5s 23 17-147

ISCJB IV 15 00 00 02.8-54 6.57S-09 71.43E-09 10 4.1b,3.5s \uparrow 9594936

IDC IV 15 00 00 03.1-72 6.73S 71.37E 0 4.1,4.0

NEIC IV 15 00 00 06.7-37 6.74S 71.33E 22 4.3b,4.0

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=15.1km s-min=9.9km az=101.6.

IDC Error ellipse: s-maj=25.5km s-min=18.3km az=168.0.

NEIC Event type se. Error ellipse: s-maj=11.9km s-min=8.5km az=153.0.

ISC IV 29 09 57 40.6-48 7.0S-10 68.01E-08 10 4.2b,3.9s 64 4-148

ISCJB IV 29 09 57 38.5-47 7.0S-10 68.01E-07 10 4.2b,3.9s \uparrow 910698167

MOS IV 29 09 57 38.4-80 7.01S 68.00E 10 4.8b,3.9s

IDC IV 29 09 57 38.9-59 7.06S 67.92E 0 4.1,4.0

NEIC IV 29 09 57 40.2-37 7.05S 67.97E 10 4.7b,4.0

HRVD IV 29 09 57 40.2-40 7.31S 67.95E 14-1 4.7W,4.0

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=15.9km s-min=9.9km az=39.7.

MOS Error ellipse: s-maj=17.8km s-min=10.6km az=122.0.

IDC Error ellipse: s-maj=21.5km s-min=15.4km az=27.0.

NEIC Event type se. Error ellipse: s-maj=13.1km s-min=7.9km az=22.0.

HRVD Error ellipse: s-maj=4.4km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s11,c13; Mantle waves: s54,c62; Half duration: 0 Moment tensor: Scale 1016 Nm; $M_{11} = 1.52 \pm 1.4$; $M_{22} = 0.52 \pm 1.0$; $M_{33} = 0.99 \pm 1.1$; $M_{12} = 0.38 \pm 2.8$; $M_{13} = 0.47 \pm 0.7$; $M_{23} = 0.60 \pm 2.8$; Best double couple: NP1: $\phi = 134.00000^\circ$; $\lambda = 117.00000^\circ$; NP2: $\phi = 348.00000^\circ$; $\lambda = 855.00000^\circ$; $\lambda = 69.00000^\circ$; Principal axes: T 1.3240, P1g7.0000; Azm63.0000; N 0.4310, P1g17.0000; Azm155.0000; P -1.7570, P1g71.0000; Azm310.0000; M1.54000x1016

IDC III 28 08 06 56.9-31 3.02S 69.73E 0 4.0,3.8b \uparrow 910612192

IDC Error ellipse: s-maj=911.2km s-min=42.1km az=72.0.

IDC III 29 18 55 23.0-2.6 6.98S 68.93E 0 3.5s,3.5 \uparrow 910613033

IDC Error ellipse: s-maj=96.5km s-min=33.8km az=47.0.

ISC III 09 23 39 22.1-6.5 5.49S-08 68.65E-06 3-40 4.2b,3.9s 26 4-147

ISCJB III 09 23 39 20.9-41 5.49S-07 68.64E-06 10 4.2b,3.9s \uparrow 910600698

IDC III 09 23 39 21.4-80 5.50S 68.56E 0 4.1,4.0b

NEIC III 09 23 39 23.0-29 5.52S 68.61E 10 4.3b,4.0b

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=11.2km s-min=7.8km az=50.2.

IDC Error ellipse: s-maj=25.5km s-min=21.1km az=16.0.

NEIC Event type se. Error ellipse: s-maj=8.3km s-min=7.4km az=155.0.

ISC III 22 19 50 25.8-68 7.8S-10 68.2E-10 10 3.9b,3.6s 14 4-145

ISCJB III 22 19 50 23.4-68 7.8S-10 68.33E-07 10 3.9b,3.6s \uparrow 910608680

IDC III 22 19 50 24.5-80 7.87S 68.13E 0 3.8,3.7b

NEIC III 22 19 50 25.8-84 7.83S 68.29E 10 4.3b,3.7b

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=19.5km s-min=10.6km az=1.7.

IDC Error ellipse: s-maj=26.3km s-min=22.5km az=173.0.

NEIC Event type se. Error ellipse: s-maj=23.8km s-min=17.7km az=200.0.

ISC III 28 10 16 39.9-40 3.52S-07 68.38E-07 10 4.5b,3.9s 52 6-147

BJI III 28 10 16 34.6 4.12S 68.06E 20 5.0b,4.7s \uparrow 910612244

ISCJB III 28 10 16 37.6-40 3.52S-07 68.38E-07 10 4.5b,3.9s

IDC III 28 10 16 38.0-68 3.45S 68.35E 0 4.3,4.1

MOS III 28 10 16 37.6-1.0 3.44S 68.38E 10 4.6b,4.1

NEIC III 28 10 16 41.1-42 3.53S 68.40E 20 4.5b,4.1

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=10.3km s-min=8.9km az=101.0.

IDC Error ellipse: s-maj=20.4km s-min=17.5km az=176.0.

MOS Error ellipse: s-maj=14.1km s-min=11.9km az=99.9.

NEIC Event type se. Error ellipse: s-maj=11.2km s-min=10.4km az=140.0.

ISC III 28 10 29 18.4-51 3.50S-09 68.21E-08 10 4.3b,3.8s 30 31-147

BJI III 28 10 29 11.8 4.05S 67.41E 21 5.1b,4.5s \uparrow 910612255

ISCJB III 28 10 29 15.8-50 3.54S-09 68.23E-08 10 4.3b,3.8s

IDC III 28 10 29 16.1-69 3.55S 68.26E 0 4.1,4.0

NEIC III 28 10 29 19.3-40 3.59S 68.26E 21 4.3b,4.0

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=13.0km s-min=11.5km az=115.5.

IDC Error ellipse: s-maj=22.2km s-min=18.2km az=5.0.

NEIC Event type se. Error ellipse: s-maj=12.0km s-min=9.8km az=132.0.

ISC III 28 17 01 56.8-1.1 3.4S-20 68.3E-20 10 4.0b,3.7s 5 31-72

IDC III 28 17 01 47.4-10 4.12S 66.90E 0 4.0,3.8b \uparrow 910612424

ISCJB III 28 17 01 54.5-1.1 3.4S-20 68.4E-20 10 4.0b,3.7s

NEIC III 28 17 01 56.3-1.0 3.45S 68.32E 10 4.6b,3.7s

ISC Event type se.

IDC Error ellipse: s-maj=319.9km s-min=39.3km az=66.0.

ISCJB Event type se. Error ellipse: s-maj=34.7km s-min=24.7km az=93.8.

NEIC Event type se. Error ellipse: s-maj=33.6km s-min=23.8km az=137.0.

IDC III 28 07 50 57.4-4.1 3.40S 68.24E 0 4.0,3.8b \uparrow 910612186

Error ellipse: s-maj=133.9km s-min=30.2km az=67.0.

ISC VI 29 00 10 00.8-57 3.5S-10 70.13E-09 10 4.1b,3.8s 21 5-79

ISCJB VI 29 00 09 58.3-57 3.6S-10 70.16E-09 10 4.1b,3.8s \uparrow 9222820

IDC VI 29 00 09 58.7-86 3.59S 70.17E 0 4.1,4.0b

NEIC VI 29 00 10 00.2-39 3.59S 70.14E 10 4.2b,4.0b

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=15.7km s-min=12.8km az=171.4.

IDC Error ellipse: s-maj=25.5km s-min=23.6km az=136.0.

NEIC Event type se. Error ellipse: s-maj=11.0km s-min=8.9km az=175.0.

IDC VI 03 17 49 19.7-4.6 5.30S 69.28E 0 3.8b,3.8 \uparrow 9599762

IDC Error ellipse: s-maj=111.2km s-min=64.5km az=176.0.

ISC VI 14 14 18 40.2-1.4 6.87S-05 72.34E-06 8-9 4.5b,4.0s 91 1-150

IDC VI 14 14 18 38.3-5.0 6.89S 72.37E 0 4.3,4.2 \uparrow 918750469

MOS VI 14 14 18 38.7-2.4 6.96S 72.44E 10 5.1b,4.2

ISCJB VI 14 14 18 39.7-1.4 6.86S-05 72.35E-06 20-10 4.5b,4.0s

BJI VI 14 14 18 40.9 6.53S 71.98E 11 5.0b,4.7b

NEIC VI 14 14 18 40.2-1.4 6.88S 72.32E 11-8 4.8b,4.7b

ISC Event type se.

IDC Error ellipse: s-maj=14.9km s-min=14.2km az=51.0.

ISCJB Error ellipse: s-maj=16.0km s-min=8.2km az=105.0.

MOS Event type se. Error ellipse: s-maj=10.1km s-min=8.3km az=171.8.

NEIC Event type se. Error ellipse: s-maj=7.5km s-min=6.4km az=82.0.

IDC II 03 19 51 18.8-14 7.22S 68.28E 0 3.8,3.6b \uparrow 9569708

IDC Error ellipse: s-maj=452.6km s-min=34.6km az=66.0.

IDC II 06 19 39 18.5-4.8 8.06S 76.11E 0 3.6,3.5b \uparrow 9570046

IDC Error ellipse: s-maj=159.9km s-min=42.5km az=59.0.

IDC II 11 08 33 09.6-4.2 7.78S 68.08E 0 3.8s,3.7 \uparrow 9570480

IDC Error ellipse: s-maj=153.8km s-min=38.1km az=58.0.

ISC II 21 01 39 19.8-1.2 4.7S-20 68.8E-20 10 4.1b,3.7s 18 5-146

ISCJB II 21 01 39 17.5-1.2 4.7S-20 68.8E-20 10 4.1b,3.7s \uparrow 9579120

IDC II 21 01 39 17.3-1.4 4.82S 68.70E 0 4.1,4.0

NEIC II 21 01 39 18.9-8.0 4.81S 68.71E 10 4.3b,4.0

ISC Event type se.

ISCJB Event type se. Error ellipse: s-maj=42.6km s-min=7.8km az=98.0.

IDC Error ellipse: s-maj=54.6km s-min=18.6km az=52.0.

NEIC Event type se. Error ellipse: s-maj=31.2km s-min=9.1km az=53.0.

IDC	IV	13 17 48 29.9-3.6	5.85S	68.35E	0	3.7,3.6b			
IDC		Error ellipse: s-maj=123.8km s-min=39.9km az=60.0.					¶9594815		
IDC	V	22 12 39 49.3-14	5.30S	68.73E	0	3.8,3.5b			
IDC		Error ellipse: s-maj=461.5km s-min=36.0km az=65.0.					¶9599268		
IDC	I	30 21 35 46.5-1.4	6.71S	71.71E	0	3.8,3.7b			
IDC		Error ellipse: s-maj=39.9km s-min=32.2km az=30.0.					¶9488077		
ISC	V	18 00 16 17.4-53	7.7S-10	68.14E-06	10	3.9b,3.6s	17	4-88	
ISCJB	V	18 00 16 15.2-53	7.6S-10	68.14E-06	10	3.9b,3.6s		¶18713676	
IDC	V	18 00 16 15.7-92	7.69S	67.97E	0	3.8,3.7			
NEIC	V	18 00 16 17.0-56	7.67S	68.06E	10	4.5b,3.7			
MOS	V	18 00 16 17.0-2.1	7.70S	68.10E	10	4.8b,3.7			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=17.7km s-min=8.8km az=178.8.							
IDC		Error ellipse: s-maj=31.2km s-min=21.5km az=168.0.							
NEIC		Event type se. Error ellipse: s-maj=18.0km s-min=13.0km az=181.0.							
MOS		Error ellipse: s-maj=25.2km s-min=17.7km az=4.3.							
IDC	VI	28 11 20 08.8-1.4	8.63S	68.45E	0	3.8,3.7			
IDC		Error ellipse: s-maj=49.8km s-min=26.2km az=86.0.					¶9600541		

(427) Mauritius - Reunion region.

ISC	IV	16 15 12 24.5-33	19.83S-07	66.70E-06	10	4.7s,4.6b	154	18-147	
IDC	IV	16 15 12 20.9-59	20.00S	66.51E	0	4.6s,4.4		¶18320642	
BJI	IV	16 15 12 21.2	19.98S	66.38E	14	5.2b,5.0s			
MOS	IV	16 15 12 21.1-1.5	20.17S	66.79E	10	4.9b,4.6s			
HRVD	IV	16 15 12 23.7-10	20.05S	66.52E	14-0	5.4W,4.6s			
NEIC	IV	16 15 12 23.7-41	19.97S	66.60E	10	4.8b,4.7s			
ISCJB	IV	16 15 12 23.3-34	19.71S-07	66.92E-06	10	4.7s,4.6b			
ISC		Event type se.							
HRVD		nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s71.c104; Mantle waves: s92.c172; Half duration: 1.52 Moment tensor: Scale 10 ¹⁷ Nm; Mrr-0.13±0.02 Mθθ-1.21±0.03; Mφφ-1.15±0.02; Mθφ-0.16±0.04; Mφθ-0.71±0.02; Mφ0.02±0.04; Best double couple: NP1:φ=150.00000°; δ84.00000°; λ2.00000°; NP2:φ=60.00000°; δ88.00000°; λ174.00000°; Principal axes: T 1.4780.Plg5.0000°; Azm1.41300×10 ¹⁷ ; N-0.1360.Plg84.0000°; Azm225.0000°; P-1.3480.Plg3.0000°; Azm105.0000°							

NEIC		Event type se.							
ISCJB		Event type se.							
IDC	III	31 18 38 45.0-93	22.51S	63.75E	0	4.2,4.0			
IDC		Error ellipse: s-maj=37.7km s-min=23.6km az=53.0.					¶10614619		

ISC	VI	28 16 06 37.6-36	17.68S-07	65.90E-07	10	4.5b,4.5s	56	12-159	
ISCJB	VI	28 16 06 35.4-36	17.68S-07	65.94E-07	10	4.5b,4.5s		¶18505553	
BJI	VI	28 16 06 35.6	17.42S	65.36E	13	5.0b,4.7s			
IDC	VI	28 16 06 35.3-57	17.51S	65.89E	0	4.4,4.4s			
HRVD	VI	28 16 06 37.0-10	17.52S	65.83E	19-0	5.3W,4.4s			
NEIC	VI	28 16 06 37.0-36	17.59S	65.90E	10	4.6b,4.4s			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=10.1km s-min=8.8km az=87.4.							
IDC		Error ellipse: s-maj=19.7km s-min=16.1km az=35.0.							
HRVD		Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s73.c107; Mantle waves: s93.c179; Half duration: 1.51 Moment tensor: Scale 10 ¹⁷ Nm; Mrr-0.18±0.02 Mθθ-1.03±0.02; Mφφ-1.21±0.02; Mθφ-0.09±0.04; Mφθ-0.58±0.02; Mφ0.16±0.04; Best double couple: NP1:φ=149.00000°; δ83.00000°; λ177.00000°; NP2:φ=239.00000°; δ87.00000°; λ7.00000°; Principal axes: T 1.3730.Plg7.0000°; Azm104.0000°; N-0.1970.Plg83.0000°; Azm261.0000°; P-1.1740.Plg3.0000°; Azm14.0000°; Mφ1.27300×10 ¹⁷							

NEIC		Event type se. Error ellipse: s-maj=11.0km s-min=9.6km az=180.0.							
IDC	IV	08 20 07 49.9-47	18.50S	65.41E	0	3.9,3.7b			
IDC		Error ellipse: s-maj=1466.0km s-min=46.9km az=62.0.					¶9594486		

(428) Southwest Indian Ridge.

IDC	IV	02 12 48 09.1-1.4	31.88S	59.46E	0	4.1,4.0b			
IDC		Error ellipse: s-maj=81.4km s-min=21.7km az=26.0.					¶9594114		
ISC	IV	25 23 18 31.8-51	35.9S-10	53.2E-10	10	4.0b,3.6s	28	18-152	
ISCJB	IV	25 23 18 29.9-51	35.9S-10	53.2E-10	10	4.0b,3.6s		¶18321163	
IDC	IV	25 23 18 29.5-64	35.77S	53.36E	0	4.1,4.0			
NEIC	IV	25 23 18 31.6-43	35.79S	53.21E	10	4.1b,4.0			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=17.6km s-min=11.4km az=75.4.							
IDC		Error ellipse: s-maj=26.3km s-min=18.3km az=34.0.							
NEIC		Event type se. Error ellipse: s-maj=16.5km s-min=11.2km az=210.0.							
ISC	III	12 17 11 18.3-18	33.20S-04	56.91E-04	10	5.4b,4.9s	432	17-174	
IDC	III	12 17 11 16.5-38	33.21S	56.96E	0	5.6L,5.2		¶10602591	
ISCJB	III	12 17 11 16.8-18	33.19S-04	57.03E-04	10	5.4b,4.9s			
BJI	III	12 17 11 16.2	33.30S	56.91E	14	5.7b,5.5b			
MOS	III	12 17 11 17.1-77	33.12S	56.98E	10	5.7b,4.8s			
HRVD	III	12 17 11 18.0-20	33.27S	56.76E	15	5.5W,4.8s			
NEIC	III	12 17 11 18.0-12	33.23S	56.95E	10	5.6W,5.4b			
SZGRF	III	12 17 11 19.5	32.50S	57.50E	33	5.4b,5.4b			
CSEM	III	12 17 11 22.8	32.69S	56.92E	33	5.5b,5.4b			
ISC		Event type se.							
IDC		Error ellipse: s-maj=14.6km s-min=10.5km az=40.0.							
ISCJB		Event type se. Error ellipse: s-maj=5.7km s-min=5.2km az=58.7.							
MOS		Error ellipse: s-maj=12.6km s-min=5.3km az=107.0.							
HRVD		Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s74.c137; Mantle waves: s83.c161; Half duration: 1.53 Moment tensor: Scale 10 ¹⁷ Nm; Mrr-1.36±0.04 Mθθ-2.36±0.04; Mφφ-1.01±0.04; Mθφ-0.01±0.11; Mφθ-0.45±0.04; Mφ0.01±0.12; Best double couple: NP1:φ=260.00000°; δ45.00000°; λ-93.00000°; NP2:φ=85.00000°; δ45.00000°; λ-60.00000°; Principal axes: T 2.4190.Plg0.0000°; Azm173.0000°; N-1.0680.Plg2.0000°; Azm263.0000°; P-1.3600.Plg8.0000°; Azm78.0000°; Mφ1.89000×10 ¹⁷							

NEIC		Event type se. Error ellipse: s-maj=5.4km s-min=4.3km az=221.0. Moment Tensor Solution. s8 Moment tensor: Scale 10 ¹⁷ Nm; Mrr-2.52 Mθθ-2.35 Mφφ-0.17 Mθφ-0.68 Mφθ-1.36 Mφ0.72 Best double couple: NP1:φ=276.00000°; δ52.00000°; λ-117.00000°; NP2:φ=136.00000°; δ46.00000°; λ-60.00000°; Principal axes: T 3.0200.Plg3.0000°; Azm25.0000°; N-0.1100.Plg21.0000°; Azm293.0000°; P-2.9000.Plg68.0000°; Azm123.0000°; Mφ3.00000×10 ¹⁷							
SZGRF		Southwest Indian Ridge.							
IDC	III	12 17 23 54.0-8.5	32.12S	57.94E	0	3.7,3.4b			
IDC		Error ellipse: s-maj=574.5km s-min=52.4km az=32.0.					¶10602597		

IDC	III	25 13 54 50.9-7.5	32.19S	58.25E	0	4.0L,3.8			
IDC		Error ellipse: s-maj=448.1km s-min=36.1km az=35.0.					¶10610384		
ISC	VI	06 21 18 19.9-34	31.69S-07	57.85E-08	10	4.5b,3.7s	82	16-153	
BJI	VI	06 21 18 16.5	32.30S	57.52E	25	5.4b,4.9b		¶18463717	
ISCJB	VI	06 21 18 18.0-34	31.73S-07	57.84E-08	10	4.5b,3.7s			
MOS	VI	06 21 18 18.0-10	31.74S	57.92E	10	4.8b,3.7s			
IDC	VI	06 21 18 18.3-49	31.58S	57.92E	0	4.3L,4.2			
NEIC	VI	06 21 18 19.6-28	31.69S	57.86E	10	4.7b,4.2			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=10.4km s-min=9.1km az=61.3.							
MOS		Error ellipse: s-maj=17.7km s-min=12.0km az=93.1.							
IDC		Error ellipse: s-maj=19.5km s-min=14.0km az=42.0.							
NEIC		Event type se. Error ellipse: s-maj=8.9km s-min=8.3km az=221.0.							
ISC	III	29 23 52 07.0-98	33.0S-20	56.8E-20	10	4.1b	9	17-150	
ISCJB	III	29 23 52 04.8-99	33.0S-20	56.8E-20	10	4.1b		¶10613147	
IDC	III	29 23 52 05.1-1.0	32.98S	56.76E	0	4.0,3.8b			
NEIC	III	29 23 52 07.6-86	33.05S	57.01E	10	4.4b,3.8b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=30.2km s-min=23.6km az=125.2.							
IDC		Error ellipse: s-maj=46.5km s-min=27.9km az=42.0.							
NEIC		Event type se. Error ellipse: s-maj=29.7km s-min=15.1km az=55.0.							

IDC	III	14 09 43 36.4-1.6	33.17S	57.04E	0	4.4s,4.4			
IDC		Error ellipse: s-maj=75.0km s-min=21.6km az=34.0.					¶10603520		
IDC	VI	05 14 37 57.1-1.5	38.72S	48.99E	0	3.8,3.7			
IDC		Error ellipse: s-maj=71.3km s-min=25.3km az=40.0.					¶9599829		
ISC	II	01 16 51 38.2-63	40.8S-20	42.7E-20	10	4.1s,4.0b	20	19-154	
ISCJB	II	01 16 51 36.4-63	40.8S-20	42.7E-20	10	4.1s,4.0b		¶9569406	
IDC	II	01 16 51 36.4-68	40.75S	42.79E	0	4.3L,4.2			
NEIC	II	01 16 51 38.1-62	40.71S	42.75E	10	4.6b,4.2			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=27.7km s-min=11.6km az=67.7.							
IDC		Error ellipse: s-maj=35.1km s-min=16.1km az=41.0.							
NEIC		Event type se. Error ellipse: s-maj=28.9km s-min=12.8km az=215.0.							
ISC	II	05 20 56 46.5-63	28.0S-10	63.4E-10	10	4.0b,3.8s	19	22-145	
ISCJB	II	05 20 56 44.5-64	28.1S-10	63.4E-10	10	4.0b,3.8s		¶9569948	
IDC	II	05 20 56 44.0-1.5	28.17S	63.31E	0	4.0,3.9b			
NEIC</									

ISC	III	07 02 09 22.5-4.8	41.5S-90	77.6E-90	10	4.2b	8	50-146
ISCJB	III	07 02 09 22.8-4.7	41.3S-80	78.1E-80	10	4.2b		110598746
NEIC	III	07 02 09 24.3-2.7	41.23S	77.97E	10	4.5b		
IDC	III	07 02 09 24.2-9.1	40.93S	78.15E	0	4.2,4.0b		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=147.4km s-min=25.6km az=71.9.							
NEIC	Event type se. Error ellipse: s-maj=91.1km s-min=17.9km az=215.0.							
IDC	Error ellipse: s-maj=329.4km s-min=46.1km az=28.0.							
ISC	III	07 07 10 51.1-25	40.24S-05	78.55E-06	15	5.5s,4.9b	121	29-174
BJI	III	07 07 10 47.6	40.47S	78.04E	17	5.7s,5.6b		110598871
IDC	III	07 07 10 48.1-44	40.13S	78.58E	0	5.5s,5.5		
MOS	III	07 07 10 48.7-1.2	40.20S	78.57E	10	5.2b,5.5		
ISCJB	III	07 07 10 49.4-25	40.26S-05	78.58E-06	15	5.5s,4.9b		
HRVD	III	07 07 10 50.2-10	40.06S	78.26E	12	5.8W,4.9b		
NEIC	III	07 07 10 50.1-20	40.13S	78.56E	10	5.2b,4.9b		
CSEM	III	07 07 10 52.0	40.26S	78.53E	33	5.8L,4.9b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=17.6km s-min=12.0km az=5.0.							
MOS	Error ellipse: s-maj=14.6km s-min=11.3km az=82.6.							
ISCJB	Event type se. Error ellipse: s-maj=6.9km s-min=6.7km az=24.3.							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s84,c160; Mantle waves: s94,c196; Half duration: 2*0 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.36±10; Mw=6.88±09; Ms=6.52±10; Mn=0.36±26; Mz=2.06±10; M _{rr} =0.77±27; Best double couple: NP1:φ:37.00000°; λ:84.00000°; λ:4.00000°; NP2:φ:306.00000°; λ:86.00000°; λ:174.00000°. Principal axes: T 6.9320,Plg7.0000°; Azm261.0000°; N 0.2630,Plg83.0000°; Azm96.0000°; P -7.1980,Plg2.0000°; Azm352.0000°; M7.065000×10 ¹⁷							
NEIC	Event type se. Error ellipse: s-maj=7.0km s-min=6.2km az=170.0.							
IDC	VI	16 07 38 22.5-2.0	25.20S	70.11E	0	3.8,3.6s		119600078
IDC	Error ellipse: s-maj=61.3km s-min=37.4km az=75.0.							
ISC	VI	17 19 20 27.7-60	14.7S-10	66.3E-10	10	4.2b,3.5s	17	40-152
ISCJB	VI	17 19 20 25.5-60	14.7S-10	66.3E-10	10	4.2b,3.5s		
MOS	VI	17 19 20 25.8-44	14.64S	66.30E	10	4.6b,3.5s		
IDC	VI	17 19 20 26.2-1.6	14.62S	66.30E	0	4.2,4.0		
NEIC	VI	17 19 20 27.9-54	14.75S	66.28E	10	4.5b,4.0		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=20.0km s-min=16.9km az=115.2.							
MOS	Error ellipse: s-maj=38.7km s-min=29.4km az=91.8.							
IDC	Error ellipse: s-maj=57.9km s-min=24.0km az=48.0.							
NEIC	Event type se. Error ellipse: s-maj=18.7km s-min=16.3km az=223.0.							
ISC	II	01 13 29 02.0-53	24.5S-10	69.97E-09	10	4.5b,4.3s	71	22-173
MOS	II	01 13 28 59.3-75	24.61S	70.18E	10	4.9b,4.3s		118079711
IDC	II	01 13 28 59.8-87	24.54S	69.98E	0	4.3,4.2		
ISCJB	II	01 13 29 00.0-54	24.5S-10	70.02E-09	10	4.5b,4.3s		
NEIC	II	01 13 29 02.6-47	24.33S	70.03E	10	4.6b,4.3s		
BJI	II	01 13 29 02.6	24.30S	70.00E	10	5.1b,4.8b		
ISC	Event type se.							
MOS	Error ellipse: s-maj=23.9km s-min=10.2km az=101.3.							
IDC	Error ellipse: s-maj=34.4km s-min=17.1km az=13.0.							
ISCJB	Event type se. Error ellipse: s-maj=16.4km s-min=11.3km az=13.5.							
NEIC	Event type se. Error ellipse: s-maj=15.2km s-min=12.2km az=210.0.							
IDC	II	10 12 41 49.3-20	23.93S	69.75E	0	3.7s,3.7		119570400
IDC	Error ellipse: s-maj=649.8km s-min=42.2km az=52.0.							
IDC	II	16 23 48 13.8-3.1	15.10S	66.85E	0	3.8,3.6b		119571094
IDC	Error ellipse: s-maj=106.8km s-min=33.8km az=55.0.							
ISC	II	20 19 07 02.4-67	31.5S-20	76.9E-10	10	4.3s,4.0b	12	47-148
ISCJB	II	20 19 07 00.6-67	31.6S-20	76.9E-10	10	4.3s,4.0b		119571706
IDC	II	20 19 07 00.2-1.1	31.65S	76.89E	0	4.3s,4.2		
NEIC	II	20 19 07 02.3-73	31.58S	76.91E	10	4.4b,4.2		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=25.9km s-min=16.4km az=37.4.							
IDC	Error ellipse: s-maj=46.8km s-min=20.7km az=16.0.							
NEIC	Event type se. Error ellipse: s-maj=27.8km s-min=18.4km az=205.0.							
ISC	II	22 07 29 52.2-86	7.2S-10	68.00E-08	10	4.2b,3.5s	15	4-150
ISCJB	II	22 07 29 49.7-86	7.2S-10	68.00E-08	10	4.2b,3.5s		119579290
IDC	II	22 07 29 50.1-86	7.28S	68.08E	0	4.2,4.1		
NEIC	II	22 07 29 51.5-64	7.31S	68.25E	10	4.4b,4.1		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=22.0km s-min=10.4km az=29.9.							
IDC	Error ellipse: s-maj=26.9km s-min=22.0km az=45.0.							
NEIC	Event type se. Error ellipse: s-maj=21.0km s-min=14.1km az=201.0.							
IDC	II	22 21 37 02.9-7.2	30.34S	76.94E	0	3.9,3.6b		119579348
IDC	Error ellipse: s-maj=351.5km s-min=54.9km az=27.0.							
IDC	II	24 11 09 59.9-38	41.42S	77.61E	0	3.9,3.7		119579578
IDC	Error ellipse: s-maj=742.0km s-min=175.7km az=89.0.							
ISC	II	25 00 16 18.2-45	20.42S-07	67.83E-07	10	4.9b,4.3s	85	20-161
BJI	II	25 00 16 16.9	20.83S	67.73E	38	5.0b,5.0b		118335747
IDC	II	25 00 16 16.7-78	20.39S	67.87E	0	4.4,4.4b		
ISCJB	II	25 00 16 16.1-45	20.43S-07	67.88E-07	10	4.9b,4.3s		
MOS	II	25 00 16 16.6-1.2	20.28S	68.03E	10	5.1b,4.3s		
NEIC	II	25 00 16 19.9-34	20.36S	67.92E	21	5.0b,4.3s		
HRVD	II	25 00 16 19.9-30	20.32S	67.89E	14-1	5.0W,4.3s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=29.5km s-min=15.4km az=23.0.							
ISCJB	Event type se. Error ellipse: s-maj=11.0km s-min=9.3km az=49.1.							
MOS	Error ellipse: s-maj=19.4km s-min=12.2km az=91.3.							
NEIC	Event type se. Error ellipse: s-maj=11.5km s-min=7.5km az=26.0.							
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s39,c56; Mantle waves: s73,c125; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=0.67±13; Mw=3.85±13; Ms=3.17±12; Mn=0.21±21; Mz=1.47±11; M _{rr} =0.99±29; Best double couple: NP1:φ:237.00000°; λ:875.00000°; λ:171.00000°; NP2:φ:145.00000°; λ:882.00000°; λ:15.00000°. Principal axes: T 4.1790,Plg5.0000°; Azm192.0000°; N -0.4240,Plg72.0000°; Azm297.0000°; P -3.7470,Plg17.0000°; Azm100.0000°; M3.963000×10 ¹⁶							
ISC	II	25 13 07 34.6-46	20.8S-10	67.83E-08	10	4.4b,4.2s	51	36-148
ISCJB	II	25 13 07 32.4-47	20.8S-10	67.85E-08	10	4.4b,4.2s		118335750
IDC	II	25 13 07 32.6-73	20.81S	67.85E	0	4.2,4.1		
MOS	II	25 13 07 32.6-2.0	20.86S	67.90E	10	4.8b,4.1		
BJI	II	25 13 07 32.4	20.80S	67.80E	10	5.4b,4.6b		
NEIC	II	25 13 07 34.3-39	20.77S	67.81E	10	4.6b,4.6b		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=14.7km s-min=11.3km az=171.0.							
IDC	Error ellipse: s-maj=26.8km s-min=16.5km az=0.0.							
MOS	Error ellipse: s-maj=15.3km s-min=13.3km az=99.9.							
NEIC	Event type se. Error ellipse: s-maj=13.3km s-min=10.4km az=177.0.							
IDC	IV	06 03 57 42.2-9.8	35.83S	79.10E	0	4.0,3.7		119594349
IDC	Error ellipse: s-maj=574.6km s-min=58.3km az=17.0.							
IDC	IV	06 21 07 26.6-4.8	36.41S	78.31E	0	3.9b,3.9		119594383
IDC	Error ellipse: s-maj=187.5km s-min=51.2km az=31.0.							
IDC	IV	12 11 11 56.2-1.4	22.45S	67.96E	0	4.2s,4.0		119594727
IDC	Error ellipse: s-maj=55.3km s-min=26.2km az=25.0.							
ISC	II	26 02 49 15.7-88	35.1S-30	78.4E-10	10	4.1b	12	49-151
ISCJB	II	26 02 49 13.3-91	35.3S-30	78.3E-10	10	4.2b		119579847
IDC	II	26 02 49 13.9-1.8	34.99S	78.40E	0	4.0,3.9b		
NEIC	II	26 02 49 15.2-67	35.16S	78.35E	10	4.5b,3.9b		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=42.1km s-min=15.2km az=14.0.							
IDC	Error ellipse: s-maj=93.1km s-min=25.0km az=14.0.							
NEIC	Event type se. Error ellipse: s-maj=30.8km s-min=11.3km az=188.0.							
IDC	II	26 17 38 59.8-10	34.06S	78.79E	0	3.8,3.5b		119579909

IDC	Error ellipse: s-maj=597.6km s-min=56.3km az=20.0.							
IDC	IV	22 11 14 10.8-3.0	23.78S	69.38E	0	4.2,4.0		119597719
IDC	Error ellipse: s-maj=106.2km s-min=32.6km az=47.0.							
ISC	II	28 02 20 20.2-10	15.1S-20	67.04E-10	11-62	4.5b,4.0s	106	19-147
ISCJB	II	28 02 20 18.1-64	15.1S-10	67.09E-09	10	4.5b,4.0s		118106730
IDC	II	28 02 20 18.1-75	15.07S	67.07E	0	4.2,4.2		
MOS	II	28 02 20 18.2-53	15.05S	67.12E	10	5.0b,4.2		
NEIC	II	28 02 20 21.4-32	15.13S	67.06E	21	4.8b,4.2		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=19.3km s-min=12.2km az=166.9.							
IDC	Error ellipse: s-maj=25.8km s-min=16.5km az=14.0.							
MOS	Error ellipse: s-maj=18.3km s-min=7.7km az=122.4.							
NEIC	Event type se. Error ellipse: s-maj=10.3km s-min=6.7km az=179.0.							
IDC	IV	28 01 39 42.2-7.3	28.73S	74.23E	0	4.1,3.9b		119598119
IDC	Error ellipse: s-maj=289.5km s-min=37.1km az=38.0.							
IDC	IV	28 01 57 09.5-6.3	28.05S	74.81E	0	3.9,3.7b		119598123
IDC	Error ellipse: s-maj=226.0km s-min=40.2km az=40.0.							
IDC	IV	28 01 57 28.0-5.7	28.07S	74.68E	0	4.0,3.7b		119598124
IDC	Error ellipse: s-maj=199.9km s-min=36.2km az=42.0.							
ISC	V	16 05 53 12.6-66	14.3S-10	66.7E-10	10	4.3b,4.0s	17	19-152
ISCJB	V	16 05 53 10.3-66	14.3S-10	66.8E-10	10	4.3b,4.0s		118713637
IDC	V	16 05 53 10.6-77	14.21S	66.81E	0	4.3,4.1b		
MOS	V	16 05 53 11.1-1.1	14.24S	66.90E	10	4.9b,4.1b		
NEIC	V	16 05 53 12.3-46	14.37S	66.76E	10	4.7b,4.1b		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=21.0km s-min=15.7km az=176.7.							
IDC	Error ellipse: s-maj=27.6km s-min=21.4km az=16.0.							
MOS	Error ellipse: s-maj=27.2km s-min=23.6km az=123.5.							
NEIC	Event type se. Error ellipse: s-maj=19.6km s-min=14.9km az=177.0.							
ISC	V	20 13 55 43.3-28	35.57S-05	78.28E-08	10	5.0b,4.3s	123	32-171
BJI	V	20 13 55 41.5	35.45S	77.99E	14	5.2b,5.1b		118358337
ISCJB	V	20 13 55 41.7-27	35.60S-05	78.32E-07	10	5.0b,4.3s		
MOS	V	20 13 55 41.0-1.1	35.61S	78.12E	10	5.1b,4.3s		
IDC	V	20 13 55 42.0-54	35.47S	78.36E	0	4.6,4.6		
HRVD	V	20 13 55 43.2-30	35.55S	78.40E	12	5.0W,4.6		
NEIC	V	20 13 55 43.2-25	35.57S	78.33E	10	5.1b,4.6		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=8.7km s-min=7.5km az=12.4.							
MOS	Error ellipse: s-maj=23.5km s-min=11.1km az=83.4.							
IDC	Error ellipse: s-maj=19.1km s-min=16.7km az=36.0.							
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s26,c31; Mantle waves: s62,c85; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=1.18±14; Mw=3.23±13; Ms=4.42±11; Mn=1.38±41; Mz=0.81±14; M _{rr} =0.27±34; Best double couple: NP1:φ:312.00000°; λ:871.00000°; λ:162.00000°; NP2:φ:216.00000°; λ:873.00000°; λ:20.00000°. Principal axes: T 4.5080,Plg1.0000°; Azm264.0000°; N -0.4890,Plg64.0000°; Azm357.0000°; P -4.0090,Plg26.0000°; Azm174.0000°; M4.258000×10 ¹⁶							
NEIC	Event type se. Error ellipse: s-maj=8.1km s-min=6.9km az=73.0.							
ISC	V	15 21 34 08.3-29	14.75S-06	66.23E-05	10	4.8b,4.3s	212	19-160
IDC	V	15 21 34 06.2-48	14.70S	66.30E	0	4.4,4.4		1110698452
MOS	V	15 21 34 06.2-82	14.70S	66.33E	10	5.2b,4.4		
ISCJB	V	15 21 34 06.4-29	14.75S-06	66.27E-05	10	4.8b,4.3s		
HRVD	V	15 21 34 08.2-40	14.75S	66.28E	12	4.9W,4.3s		
NEIC	V	15 21 34 08.2-22	14.71S	66.22E	10	5.1b,4.3s		
BJI	V	15 21 34 08.2	14.70S	66.20E	10	5.2b,4.9s		
SZGRF	V	15 21 34 11.6	14.18S	66.77E				

IDC	V	16 09 31 27.7-2.7	14.75S	65.71E	0	4.0,3.8				
IDC	Error ellipse: s-maj=113.2km s-min=33.5km az=49.0.									
IDC	V	16 13 19 57.8-1.3	14.59S	66.33E	0	4.1,3.9b				
IDC	Error ellipse: s-maj=56.4km s-min=31.3km az=18.0.									
IDC	V	16 19 44 40.1-3.5	13.26S	67.00E	0	3.6,3.4b				
IDC	Error ellipse: s-maj=127.1km s-min=46.5km az=52.0.									
IDC	V	17 13 29 18.2-2.7	14.80S	66.03E	0	4.1,3.8s				
IDC	Error ellipse: s-maj=111.3km s-min=32.8km az=49.0.									
IDC	V	17 21 22 52.6-4.4	15.32S	65.41E	0	3.7,3.5				
IDC	Error ellipse: s-maj=1358.0km s-min=53.8km az=64.0.									
IDC	V	18 01 16 57.9-5.8	29.76S	75.38E	0	3.6,3.5b				
IDC	Error ellipse: s-maj=212.8km s-min=56.5km az=39.0.									
IDC	V	19 07 10 15.6-2.2	14.52S	66.12E	0	3.8,3.7				
IDC	Error ellipse: s-maj=83.6km s-min=29.0km az=47.0.									
IDC	V	20 09 34 05.3-3.1	14.46S	66.84E	0	3.7,3.6b				
IDC	Error ellipse: s-maj=110.7km s-min=36.8km az=51.0.									
IDC	V	20 17 45 10.4-1.5	14.63S	66.84E	0	3.9,3.7b				
IDC	Error ellipse: s-maj=495.1km s-min=33.5km az=62.0.									
IDC	V	23 19 45 36.1-1.2	35.49S	79.76E	0	4.0s,4.0				
IDC	Error ellipse: s-maj=393.7km s-min=47.8km az=35.0.									
IDC	V	23 19 49 50.3-1.9	24.54S	68.69E	0	3.9,3.7b				
IDC	Error ellipse: s-maj=606.8km s-min=36.4km az=53.0.									
IDC	V	30 12 12 09.7-3.7	23.96S	69.03E	0	4.0,3.8b				
IDC	Error ellipse: s-maj=140.6km s-min=30.6km az=43.0.									
ISC	V	02 09 46 41.1-1.3	22.65-20	69.4E-20	10	4.3b	15	52-160		
ISC	V	02 09 46 38.8-1.4	22.65-20	69.5E-20	10	4.3b				
ISC	V	02 09 46 39.9-1.4	22.38S	69.60E	0	4.3,4.2b				
ISC	Error ellipse: s-maj=32.1km s-min=22.2km az=101.7.									
ISC	V	03 05 56 56.9-7.5	40.35-10	78.5E-20	10	4.4s,4.1b	14	29-173		
ISC	V	03 05 56 54.6-1.0	40.22S	78.39E	0	4.4s,4.4				
ISC	V	03 05 56 55.5-7.3	40.35-10	78.6E-20	10	4.4s,4.1b				
ISC	V	03 05 56 55.8-7.0	40.17S	78.35E	10	4.2b,4.1b				
ISC	V	03 05 56 55.8-2.0	40.24S	78.18E	22-1	5.2W,4.1b				
ISC	Event type se.									
ISC	Error ellipse: s-maj=32.4km s-min=24.9km az=97.0.									
ISC	Event type se. Error ellipse: s-maj=25.3km s-min=13.1km az=70.1.									
ISC	Event type se. Error ellipse: s-maj=22.3km s-min=17.1km az=103.0.									
ISC	HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s44,c60; Mantle waves: s79,c116; Half duration: 1s0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} 0.03±0.03; M _{θθ} 0.78±0.08; M _{φφ} 0.75±0.02; M _{rr} 0.06±0.04; M _{θθ} 0.02±0.02; M _{φφ} 0.15±0.04; Best double couple: NP1:φ=46.00000°,δ79.00000°,λ5.00000°. NP2:φ=315.00000°,δ85.00000°,λ169.00000°. Principal axes: T 0.7830,Plg11.0000°,AzM270.0000°. N 0.0050,Plg78.0000°,AzM111.0000°. P -0.7880,Plg4.0000°,AzM1.0000°. M ₀ 0.78600°x10 ¹⁷								
ISC	V	03 06 10 14.7-9.6	40.25-10	78.1E-30	10	4.1b,4.1s	11	29-156		
ISC	V	03 06 10 13.4-9.6	40.25-10	78.2E-30	10	4.1b,4.1s				
ISC	V	03 06 10 13.5-1.0	40.19S	78.13E	0	4.2,4.1s				
ISC	V	03 06 10 15.3-5.9	40.22S	78.20E	10	4.4b,4.1s				
ISC	V	03 06 10 15.4-4.0	40.28S	78.29E	25-1	5.0W,4.1s				
ISC	Event type se.									
ISC	Event type se. Error ellipse: s-maj=32.6km s-min=15.2km az=17.6.									
ISC	Event type se. Error ellipse: s-maj=37.6km s-min=23.2km az=98.0.									
ISC	Event type se. Error ellipse: s-maj=24.2km s-min=12.4km az=94.0.									
ISC	HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s13,c17; Mantle waves: s57,c76; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} 0.59±0.21; M _{θθ} 3.26±0.24; M _{φφ} 2.67±0.19; M _{rr} 0.01±0.39; M _{θθ} 2.25±1.4; M _{φφ} 0.75±0.37; Best double couple: NP1:φ=244.00000°,δ78.00000°,λ8.00000°. NP2:φ=153.00000°,δ83.00000°,λ168.00000°. Principal axes: T 3.5980,Plg13.0000°,AzM108.0000°. N 0.4330,Plg76.0000°,AzM301.0000°. P -4.0290,Plg3.0000°,AzM199.0000°. M ₀ 3.81300°x10 ¹⁶								
ISC	V	04 00 50 31.6-1.0	40.35-10	79.0E-20	10	4.3s,4.1b	10	29-156		
ISC	V	04 00 50 30.2-1.0	40.35-10	79.2E-20	10	4.3s,4.1b				
ISC	V	04 00 50 31.5-1.8	40.30S	79.31E	0	4.3s,4.2				
ISC	V	04 00 50 32.3-6.8	40.34S	79.18E	10	4.1b,4.2				
ISC	Event type se.									
ISC	Event type se. Error ellipse: s-maj=29.0km s-min=15.6km az=51.4.									
ISC	Event type se. Error ellipse: s-maj=62.0km s-min=36.3km az=80.0.									
ISC	Event type se. Error ellipse: s-maj=21.5km s-min=12.2km az=111.0.									
ISC	V	06 19 15 31.3-1.2	38.95-20	78.8E-20	10	4.3s,4.1b	11	30-155		
ISC	V	06 19 15 30.0-1.2	39.05-20	78.9E-20	10	4.3s,4.1b				
ISC	V	06 19 15 30.2-1.2	38.92S	78.89E	0	4.4s,4.3				
ISC	V	06 19 15 32.0-8.7	38.99S	78.95E	10	4.3b,4.3				
ISC	Event type se.									
ISC	Event type se. Error ellipse: s-maj=32.5km s-min=17.9km az=78.7.									
ISC	Event type se. Error ellipse: s-maj=37.1km s-min=27.3km az=132.0.									
ISC	Event type se. Error ellipse: s-maj=25.3km s-min=16.0km az=127.0.									
ISC	V	06 00 43 37.2-1.4	16.65-30	66.4E-30	10	4.2b,4.1s	16	33-154		
ISC	V	06 00 43 34.5-1.4	16.75-30	66.3E-30	10	4.2b,4.1s				
ISC	V	06 00 43 35.8-2.1	16.58S	66.51E	0	4.2,4.1b				
ISC	V	06 00 43 36.6-8.8	16.69S	66.34E	10	4.8b,4.1b				
ISC	Event type se.									
ISC	Event type se. Error ellipse: s-maj=54.2km s-min=14.3km az=96.1.									
ISC	Event type se. Error ellipse: s-maj=76.9km s-min=20.8km az=51.0.									
ISC	Event type se. Error ellipse: s-maj=34.3km s-min=10.2km az=48.0.									
ISC	V	06 18 26 50.2-2.1	38.63S-04	78.56E-06	10	5.5s,5.3b	201	30-177		
ISC	V	06 18 26 48.4-4.2	38.57S	78.43E	0	5.6s,5.6				
ISC	V	06 18 26 48.6-2.2	38.64S-04	78.63E-06	10	5.5s,5.3b				
ISC	V	06 18 26 48.5	38.60S	78.60E	10	5.9b,5.5s				
ISC	V	06 18 26 49.1-1.5	38.66S	78.69E	10	5.5b,5.5s				
ISC	V	06 18 26 50.8	38.68S	78.43E	33	5.5b,5.5s				
ISC	V	06 18 26 50.5-1.0	38.51S	78.40E	12	5.9W,5.5s				
ISC	V	06 18 26 50.5-3.5	38.62S	78.57E	10	6.0W,5.3s				
ISC	Event type se.									
ISC	Error ellipse: s-maj=16.0km s-min=11.8km az=10.0.									
ISC	Event type se. Error ellipse: s-maj=7.2km s-min=5.6km az=168.8.									
ISC	Event type se. Error ellipse: s-maj=14.9km s-min=8.8km az=90.2.									
ISC	HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s105,c230; Mantle waves: s102,c317; Half duration: 2s2 Moment tensor: Scale 10 ¹⁸ Nm; M _{rr} 0.15±0.01; M _{θθ} 0.84±0.01; M _{φφ} 0.99±0.01; M _{rr} 0.28±0.01; M _{θθ} 0.14±0.01; M _{φφ} 0.03±0.01; Best double couple: NP1:φ=312.00000°,δ76.00000°,λ-166.00000°. NP2:φ=219.00000°,δ77.00000°,λ-14.00000°. Principal axes: T 1.0030,Plg1.0000°,AzM266.0000°. N -0.0480,Plg71.0000°,AzM357.0000°. P -0.9550,Plg19.0000°,AzM175.0000°. M ₀ 0.97900°x10 ¹⁸								
ISC	Event type se. Error ellipse: s-maj=12.7km s-min=10.3km az=209.0. Moment Tensor Solution. s11 Moment tensor: Scale 10 ¹⁸ Nm; M _{rr} 0.02; M _{θθ} 0.95; M _{φφ} 0.93; M _{rr} 0.18; M _{θθ} 1.02; M _{φφ} 0.09; Best double couple: NP1:φ=111.00000°,δ89.00000°,λ172.00000°. NP2:φ=210.00000°,δ82.00000°,λ1.00000°. Principal axes: T 1.4000,Plg7.0000°,AzM66.0000°. N 0.0100,Plg82.0000°,AzM284.0000°. P -1.4100,Plg5.0000°,AzM157.0000°. M ₀ 1.40000°x10 ¹⁸									
ISC	V	07 14 47 17.4-6.2	36.9S-10	78.2E-20	10	4.8s,4.2b	16	32-153		
ISC	V	07 14 47 15.7-6.1	36.9S-10	78.2E-20	10	4.8s,4.2b				
ISC	V	07 14 47 15.5-8.6	36.87S	78.08E	0	4.8s,4.8				
ISC	V	07 14 47 15.6-1.1	36.95S	78.16E	10	4.8b,4.8				
ISC	V	07 14 47 17.3-5.8	36.88S	78.17E	10	4.6b,4.8				
ISC	V	07 14 47 17.3-4.0	36.94S	78.25E	12	5.2W,4.8				
ISC	Event type se.									

ISC	Event type se. Error ellipse: s-maj=19.3km s-min=17.0km az=103.8.								
ISC	Error ellipse: s-maj=29.7km s-min=24.9km az=45.0.								
ISC	Error ellipse: s-maj=30.6km s-min=23.6km az=107.9.								
ISC	Event type se. Error ellipse: s-maj=19.4km s-min=17.1km az=51.0.								
ISC	Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s15,c16; Mantle waves: s67,c100; Half duration: 1s0 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} 0.22±0.03; M _{θθ} 0.83±0.03; M _{φφ} 0.61±0.03; M _{rr} 0.21±0.06; M _{θθ} 0.02±0.03; M _{φφ} 0.04±0.08; Best double couple: NP1:φ=223.00000°,δ71.00000°,λ-8.00000°. NP2:φ=316.00000°,δ82.00000°,λ-161.00000°. Principal axes: T 0.6170,Plg8.0000°,AzM88.0000°. N 0.3570,Plg9.0000°,AzM336.0000°. P -0.9730,Plg19.0000°,AzM181.0000°. M ₀ 0.79500°x10 ¹⁷								
ISC	V	07 16 45 07.5-2.4	36.81S-05	78.55E-07	10	5.2s,5.0b	122	30-178	
ISC	V	07 16 45 05.8-1.2	36.84S	78.64E	10	5.4b,5.3s			
ISC	V	07 16 45 05.7-4.6	36.79S	78.52E	0	5.2s,5.2			
ISC	V	07 16 45 05.8-2.4	36.81S-05	78.59E-07	10	5.2s,5.0b			
ISC	V	07 16 45 08.2-1.0	36.75S	78.57E	12	5.5W,5.0b			
ISC	V	07 16 45 08.2-7.2	36.83S	78.57E	16-43	5.2s,5.1b			
ISC	V	07 16 45 08.2	36.80S	78.60E	16	5.6b,5.3s			
ISC	Event type se.								
ISC	Error ellipse: s-maj=16.0km s-min=10.1km az=90.1.								
ISC	Error ellipse: s-maj=18.3km s-min=12.2km az=2.0.	</							

IDC Error ellipse: s-maj=28.1km s-min=21.4km az=139.0.
 NEIC Event type se. Error ellipse: s-maj=17.6km s-min=11.1km az=119.0.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s22,c25; Mantle waves: s58,c85;Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=1.93±0.07 Mm=0.18±0.09; Mm=0.50±0.26; Mw=0.61±0.06; Mw=0.14±0.32;
 Best double couple: NP1:0.297,0.0000°;δ39.00000°;λ-77.00000°; NP2:0.101,0.00000°;
 δ52.00000°;λ-100.00000°. Principal axes: T 2.0060,Plg6.0000°;AzM198.0000°;
 N 0.0180,Plg8.0000°;AzM107.0000°; P -2.0190,Plg8.0000°;AzM325.0000°
 M=2.01200×10¹⁶

CSEM Event type ke. Error ellipse: s-maj=22.6km s-min=6.0km az=127.0.
 ISC VI 18 01 54 26.2-53 12.86N-06 58.28E-07 10 4.4b,3.7s 109 7-82
 ISCJB VI 18 01 54 24.1-54 12.89N-07 58.22E-08 10 4.4b,3.7s 118481193
 IDC VI 18 01 54 24.6-72 12.85N 58.24E 0 4.0,4.0b
 BJI VI 18 01 54 25.8 12.90N 58.30E 10 4.4b,4.3s
 CSEM VI 18 01 54 25.0-19 12.61N 58.21E 27 4.7b,3.4s
 NEIC VI 18 01 54 25.9-52 12.87N 58.33E 10 4.6b,3.4s

ISC Event type ke.
 ISCJB Event type se. Error ellipse: s-maj=11.1km s-min=9.0km az=64.4.
 IDC Error ellipse: s-maj=18.6km s-min=15.2km az=124.0.
 CSEM Event type ke. Error ellipse: s-maj=7.9km s-min=4.1km az=147.0.
 NEIC Event type se. Error ellipse: s-maj=11.2km s-min=8.6km az=126.0.
 ISC VI 24 16 49 28.9-30 14.50N-05 56.21E-04 10 4.7s,4.4b 147 9-127
 ISCJB VI 24 16 49 26.8-30 14.50N-05 56.19E-04 10 4.7s,4.4b 118495930
 IDC VI 24 16 49 27.3-57 14.48N 56.26E 0 4.7s,4.7
 NEIC VI 24 16 49 28.5-24 14.47N 56.21E 10 4.6b,4.7
 BJI VI 24 16 49 28.4 14.50N 56.20E 10 5.0b,4.8s
 SZGRF VI 24 16 49 29.1 14.80N 57.32E 33 4.2b,4.8s
 CSEM VI 24 16 49 29.6-11 14.40N 56.08E 33 4.6b,4.2s

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=7.5km s-min=6.1km az=37.8.
 IDC Error ellipse: s-maj=18.2km s-min=13.2km az=103.0.
 NEIC Event type se. Error ellipse: s-maj=6.1km s-min=5.4km az=216.0.
 SZGRF Owen Fracture Zone region.
 CSEM Event type ke. Error ellipse: s-maj=5.6km s-min=3.4km az=10.0.
 ISC VI 24 16 52 19.5-22 14.53N-03 56.26E-02 10 5.0b,4.6s 597 4-155
 BJI VI 24 16 52 10.7 13.76N 55.71E 10 5.1b,5.0s 118495933
 CSEM VI 24 16 52 16.9-63 14.63N 56.70E 26 5.0b,4.4s
 ISCJB VI 24 16 52 17.2-23 14.51N-04 56.25E-02 10 5.0b,4.6s
 MOS VI 24 16 52 17.6-14 14.56N 56.20E 10 5.2b,4.6s
 IDC VI 24 16 52 17.5-45 14.53N 56.40E 0 4.6,4.6s
 NEIC VI 24 16 52 19.0-28 14.51N 56.25E 10 5.0b,4.3s
 HRVD VI 24 16 52 19.0-20 14.47N 56.21E 12 5.3W,4.3s
 SZGRF VI 24 16 52 24.2 14.34N 54.89E 29 5.0b,4.3s

ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=28.7km s-min=9.4km az=104.0. After LDG.
 ISCJB Event type ke. Error ellipse: s-maj=5.2km s-min=3.2km az=21.7.
 MOS Error ellipse: s-maj=7.3km s-min=3.4km az=121.0.
 IDC Error ellipse: s-maj=13.5km s-min=11.6km az=110.0.
 NEIC Event type se. Error ellipse: s-maj=7.5km s-min=5.1km az=196.0.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s79,c133; Mantle waves: s108,c214;Half duration: 151 Moment tensor: Scale 1017Nm; Mr=1.03±0.01 Mm=0.95±0.1; Mm=0.07±0.2; Mm=0.39±0.4; Mw=0.31±0.1; Mw=0.14±0.4;
 Best double couple: NP1:0.107,0.0000°;δ34.00000°;λ-92.00000°; NP2:0.289,0.00000°;
 δ86.00000°;λ-89.00000°. Principal axes: T 1.1310,Plg1.0000°;AzM18.0000°;
 N -0.0210,Plg1.0000°;AzM108.0000°; P -1.1090,Plg9.0000°;AzM203.0000°
 M=1.12000×10¹⁷

SZGRF Owen Fracture Zone region.
 ISC VI 24 17 00 42.1-1.2 14.3N-20 56.1E-20 10 3.8b 7 32-122
 ISCJB VI 24 17 00 39.9-1.2 14.3N-20 56.1E-20 10 3.8b 119222544
 IDC VI 24 17 00 40.2-1.3 14.36N 56.23E 0 4.0,3.7b
 NEIC VI 24 17 00 41.5-90 14.22N 56.13E 10 4.5b,3.7b
 CSEM VI 24 17 00 41.5 14.22N 56.13E 10 4.5b,3.7b

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=37.6km s-min=25.6km az=71.6.
 IDC Error ellipse: s-maj=63.4km s-min=28.8km az=35.0.
 NEIC Event type se. Error ellipse: s-maj=29.7km s-min=21.0km az=215.0.
 CSEM After NEIC.
 ISC VI 24 17 27 42.5-55 14.54N-09 56.4E-10 10 3.9b 26 9-127
 ISCJB VI 24 17 27 40.4-55 14.51N-09 56.4E-10 10 3.9b 119222545
 IDC VI 24 17 27 40.6-71 14.48N 56.43E 0 3.9,3.8
 NEIC VI 24 17 27 42.1-49 14.52N 56.43E 10 4.2b,3.8

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=18.3km s-min=11.1km az=59.1.
 IDC Error ellipse: s-maj=22.8km s-min=17.5km az=116.0.
 NEIC Event type se. Error ellipse: s-maj=17.4km s-min=10.5km az=119.0.
 ISC VI 24 16 57 37.2-36 14.50N-06 56.38E-04 10 4.6s,4.5b 239 9-127
 SZGRF VI 24 16 57 26.8 13.55N 54.03E 24 4.4b,4.5b 118495934
 BJI VI 24 16 57 30.5 14.16N 55.77E 10 5.1b,4.9s
 IDC VI 24 16 57 35.4-59 14.50N 56.39E 0 4.3,4.2b
 MOS VI 24 16 57 35.1-1.1 14.50N 56.32E 10 5.0b,4.2b
 ISCJB VI 24 16 57 35.1-36 14.49N-05 56.36E-04 10 4.6s,4.5b
 HRVD VI 24 16 57 36.8-30 14.46N 56.24E 13-1 5.0W,4.5b
 NEIC VI 24 16 57 36.8-33 14.48N 56.38E 10 4.6b,4.5b
 CSEM VI 24 16 57 36.9-15 14.53N 56.24E 21 5.0W,4.6b

ISC Event type ke.
 SZGRF Owen Fracture Zone region.
 IDC Error ellipse: s-maj=16.8km s-min=12.2km az=104.0.
 MOS Error ellipse: s-maj=10.3km s-min=4.6km az=118.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.9km s-min=6.2km az=176.8.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s30,c33; Mantle waves: s77,c132;Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=4.09±0.27 Mm=0.35±0.18; Mm=0.64±0.38; Mw=1.29±1.1; Mw=0.30±0.48;
 Best double couple: NP1:0.107,0.0000°;δ40.00000°;λ-92.00000°; NP2:0.290,0.00000°;
 δ50.00000°;λ-88.00000°. Principal axes: T 4.2350,Plg5.0000°;AzM19.0000°;
 N -0.0810,Plg1.0000°;AzM109.0000°; P -4.1510,Plg85.0000°;AzM212.0000°
 M=4.19300×10¹⁶

NEIC Event type se. Error ellipse: s-maj=7.0km s-min=6.8km az=131.0.
 CSEM Event type ke. Error ellipse: s-maj=6.3km s-min=3.6km az=164.0.
 IDC II 13 12 50 40.4-14 14.48N 54.62E 0 3.9,3.8b 119570692

IDC Error ellipse: s-maj=290.0km s-min=61.6km az=178.0.
 ISC II 27 05 29 56.1-94 14.8N-20 55.2E-20 10 3.8b,3.6s 7 24-86
 ISCJB II 27 05 29 54.0-93 14.7N-20 55.2E-20 10 3.8b,3.6s 119579960
 IDC II 27 05 29 54.2-1.2 14.70N 55.26E 0 3.9,3.8b
 NEIC II 27 05 29 55.7-77 14.71N 55.25E 10 3.9,3.8b

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=30.1km s-min=20.4km az=37.9.
 IDC Error ellipse: s-maj=38.2km s-min=25.3km az=111.0.
 NEIC Event type se. Error ellipse: s-maj=25.6km s-min=17.4km az=109.0.
 ISC V 27 04 59 13.6-69 14.3N-10 56.6E-10 10 3.9b,3.8s 12 9-84
 ISCJB V 27 04 59 11.6-69 14.3N-10 56.6E-10 10 3.9b,3.8s 119599444
 IDC V 27 04 59 11.5-82 14.21N 56.66E 0 3.9s,3.9

ISCJB Error ellipse: s-maj=21.5km s-min=12.8km az=51.2.
 IDC Error ellipse: s-maj=26.0km s-min=18.5km az=121.0.

(741) Indian Ocean Triple Junction.

IDC VI 02 20 58 01.9-1.1 25.46S 70.00E 0 3.8s,3.8 119599721
 IDC Error ellipse: s-maj=41.2km s-min=27.9km az=58.0.
 IDC II 26 16 41 55.5-26 26.30S 70.29E 0 3.7,3.5b 119579904

IDC Error ellipse: s-maj=857.0km s-min=39.2km az=51.0.
 ISC VI 02 20 07 53.5-55 26.7S-10 67.6E-10 10 4.3b,3.7s 50 37-164
 ISCJB VI 02 20 07 51.6-55 26.8S-10 67.6E-10 10 4.3b,3.7s 118855049
 MOS VI 02 20 07 51.5-78 26.82S 67.58E 10 4.5b,3.7s
 IDC VI 02 20 07 51.8-60 26.80S 67.49E 0 4.5,4.3
 NEIC VI 02 20 07 53.4-34 26.83S 67.51E 10 4.4b,4.3
 ISC Event type se.

Event type se. Error ellipse: s-maj=17.6km s-min=14.9km az=1.6.
 MOS Error ellipse: s-maj=20.2km s-min=13.8km az=104.6.
 IDC Error ellipse: s-maj=22.8km s-min=17.3km az=16.0.
 NEIC Event type se. Error ellipse: s-maj=12.2km s-min=10.1km az=191.0.

(742) Western Indian-Antarctic Ridge.
 ISC IV 06 01 42 55.3-83 51.13S-09 139.6E-50 10 3.9b 8 19-146
 ISCJB IV 06 01 42 53.7-83 51.10S-09 139.7E-50 10 3.9b 119594344
 IDC IV 06 01 42 54.4-4.2 51.14S 139.19E 0 4.0,3.9
 NEIC IV 06 01 42 55.6-62 51.13S 139.45E 10 4.2b,3.9

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=41.7km s-min=12.5km az=169.0.
 IDC Error ellipse: s-maj=187.8km s-min=45.3km az=102.0.
 NEIC Event type se. Error ellipse: s-maj=35.2km s-min=10.4km az=85.0.
 ISC IV 15 10 12 31.4-1.1 50.1S-10 120.8E-50 10 3.9b,3.7s 8 17-148
 ISCJB IV 15 10 12 29.5-1.1 50.0S-10 120.5E-50 10 3.9b,3.7s 119594957
 IDC IV 15 10 12 30.4-1.3 50.00S 120.80E 0 4.1,4.0
 NEIC IV 15 10 12 31.4-95 50.06S 120.78E 10 4.1b,4.0

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=51.0km s-min=13.8km az=28.0.
 IDC Error ellipse: s-maj=64.7km s-min=19.8km az=105.0.
 NEIC Event type se. Error ellipse: s-maj=50.0km s-min=13.5km az=104.0.
 ISC IV 15 10 13 22.4-1.5 50.0S-10 120.2E-70 10 3.9b 6 24-148
 ISCJB IV 15 10 13 20.3-1.5 50.0S-10 120.0E-70 10 3.9b 119594958
 IDC IV 15 10 13 21.4-2.3 49.99S 120.27E 0 4.1,3.9b
 NEIC IV 15 10 13 22.6-1.0 49.99S 120.22E 10 4.1b,3.9b

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=62.6km s-min=16.0km az=20.4.
 IDC Error ellipse: s-maj=94.9km s-min=26.6km az=95.0.
 NEIC Event type se. Error ellipse: s-maj=48.8km s-min=11.9km az=99.0.
 IDC IV 17 19 00 25.2-5.6 48.04S 127.13E 0 4.1,4.0 119595096

IDC Error ellipse: s-maj=92.6km s-min=66.3km az=14.0.
 IDC VI 09 17 23 14.7-3.3 49.40S 125.38E 0 4.0,3.9 119599924

IDC Error ellipse: s-maj=128.3km s-min=28.1km az=97.0.
 IDC VI 01 07 39 30.9-5.8 48.21S 120.71E 0 3.7,3.6 119599660

IDC Error ellipse: s-maj=295.1km s-min=30.4km az=96.0.
 IDC III 30 14 56 21.4-53 50.04S 136.92E 0 3.8,3.7 110613667

IDC Error ellipse: s-maj=985.3km s-min=155.8km az=146.0.
 IDC III 01 07 18 28.5-3.5 48.69S 120.69E 0 3.9s,3.9 110594998

IDC Error ellipse: s-maj=120.9km s-min=64.3km az=121.0.
 IDC III 01 07 27 26.5-3.6 48.82S 121.44E 0 3.9,3.8 110595001

IDC Error ellipse: s-maj=123.1km s-min=66.7km az=120.0.
 IDC II 01 02 01 30.1-3.5 49.61S 117.89E 0 4.3,4.0 119569341

IDC Error ellipse: s-maj=184.8km s-min=33.1km az=95.0.
 ISC III 24 00 28 25.1-41 48.92S-06 124.7E-10 10 4.7b,4.2s 33 17-155
 ISCJB III 24 00 28 23.7-42 48.89S-06 124.7E-10 10 4.7b,4.2s 110609355
 IDC III 24 00 28 23.1-52 48.82S 124.99E 0 4.7,4.7
 NEIC III 24 00 28 25.0-30 48.91S 124.63E 10 4.7b,4.7
 BJI III 24 00 28 25.0 48.90S 124.60E 10 5.4b,5.3s

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.8km s-min=8.5km az=14.8.
 IDC Error ellipse: s-maj=25.7km s-min=15.2km az=117.0.
 NEIC Event type se. Error ellipse: s-maj=10.9km s-min=7.4km az=96.0.
 ISC III 27 10 07 34.2-66 49.88S-07 127.0E-30 10 4.5b,3.9s 18 18-145
 ISCJB III 27 10 07 32.6-66 49.86S-07 127.1E-30 10 4.5b,3.9s 110611611
 IDC III 27 10 07 32.6-98 49.88S 127.23E 0 4.7,4.6
 NEIC III 27 10 07 34.6-52 49.88S 127.05E 10 4.6b,4.6

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=24.6km s-min=10.6km az=179.5.
 IDC Error ellipse: s-maj=51.4km s-min=17.4km az=99.0.
 NEIC Event type se. Error ellipse: s-maj=22.5km s-min=9.6km az=92.0.
 ISC III 29 10 43 27.9-25 50.25S-03 135.26E-09 10 5.3b,5.0s 98 11-155
 CRAAG III 29 10 43 24.5 50.26S 135.33E 10 5.4b,5.0s 110612845
 BJI III 29 10 43 26.5 50.20S 135.40E 10 5.4s,5.4b
 ISCJB III 29 10 43 26.4-25 50.23S-03 135.32E-09 10 5.3b,5.0s
 IDC III 29 10 43 26.6-52 50.21S 135.35E 0 5.2,5.1
 SZGRF III 29 10 43 27.0 49.31S 137.71E 33 5.2,5.1
 NEIC III 29 10 43 28.6-24 50.20S 135.38E 10 5.3b,5.0s
 HRVD III 29 10 43 28.6-10 50.29S 135.31E 12 5.4W,5.0s
 MOS III 29 10 43 29.5-2.0 49.78S 135.26E 10 5.4b,5.0s

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=8.6km s-min=4.6km az=12.8.
 IDC Error ellipse: s-maj=19.3km s-min=14.3km az=96.0.
 SZGRF Western Indian-Antarctic Ridge.
 NEIC Event type se. Error ellipse: s-maj=10.5km s-min=8.0km az=104.0.
 HRVD Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s68,c121; Mantle waves: s97,c185;Half duration: 153 Moment tensor: Scale 1017Nm; Mr=0.39±0.03 Mm=1.64±0.2; Mw=1.25±0.3; Mw=0.13±0.06; Mw=0.95±0.2; Mw=0.27±0.06;
 Best double couple: NP1:0.298,0.0000°;δ79.00000°;λ-4.00000°; NP2:0.29,0.00000°;
 δ86.00000°;λ-169.00000°. Principal axes: T 1.9420,Plg5.0000°;AzM163.0000°;
 N -0.3640,Plg78.0000°;AzM48.0000°; P -1.5740,Plg10.0000°;AzM254.0000°
 M=1.75800×10¹⁷

HRVD Error ellipse: s-maj=18.5km s-min=9.2km az=86.8.
 ISC VI 24 00 34 44.0-76 49.65S-09 123.0E-30 10 4.2b 10 17-147
 ISCJB VI 24 00 34 42.4-76 49.63S-09 123.0E-30 10 4.2b 119222520
 IDC VI 24 00 34 42.8-99 49.62S 122.94E 0 4.4,4.3b
 NEIC VI 24 00 34 44.2-48 49.62S 122.91E 10 4.3b,4.3b

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=29.2km s-min=12.3km az=16.1.
 IDC Error ellipse: s-maj=41.9km s-min=18.5km az=104.0.
 NEIC Event type se. Error ellipse: s-maj=19.6km s-min=8.8km az=99.0.
 ISC II 01 19 16 07.9-52 49.79S-08 117.6E-20 10 4.7b,4.3s 28 17-149
 BJI II 01 19 16 03.8 50.41S 117.00E 13 5.0b,4.9b 118095820
 ISCJB II 01 19 16 06.6-52 49.76S-08 117.8E-20 10 4.7b,4.3s
 IDC II 01 19 16 06.3-96 49.73S 117.59E 0 4.5,4.4
 NEIC II 01 19 16 07.9-30 49.73S 117.57E 10 4.9b,4.4
 HRVD II 01 19 16 07.9-30 49.73S 117.44E 12 5.0W,4.4

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=17.3km s-min=11.5km az=19.8.
 IDC Error ellipse: s-maj=42.5km s-min=20.3km az=105.0.
 NEIC Event type se. Error ellipse: s-maj=12.1km s-min=7.9km az=92.0.
 HRVD Error ellipse: s-maj=5.6km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s31,c37; Mantle waves: s62,c104;Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=3.33±16 Mm=3.59±11; Mw=0.25±19; Mw=0.23±37; Mw=1.26±10; Mw=2.11±52;
 Best double couple: NP1:0.261,0.0000°;δ48.00000°;λ-129.00000°; NP2:0.132,0.00000°;
 δ55.00000°;λ-54.00000°. Principal axes: T 3.9890,Plg3.0000°;AzM198.0000°;
 N 0.4910,Plg28.0000°;AzM290.0000°; P -4.4800,Plg61.0000°;AzM102.0000°
 M=4.23500×10¹⁶

IDC II 02 06 48 54.2-4.2 49.31S 116.80E 0 4.0,3.7b 119569485

IDC Error ellipse: s-maj=532.2km s-min=64.2km az=118.0.
 IDC II 02 15 29 26.8-4.8 49.69S 118.21E 0 3.8,3.6 119569549

IDC Error ellipse: s-maj=512.9km s-min=66.3km az=114.0.
 IDC IV 12 03 39 03.5-1.3 49.89S 127.31E 0 4.0,3.9 119594703

IDC Error ellipse: s-maj=85.7km s-min=20.2km az=101.0.
 IDC II 14 00 21 41.5-33 49.37S-05 121.4E-10 10 4.9b,4.7s 58 17-151
 BJI II 14 00 21 39.5 49.30S 121.50E 10 5.6s,5.4b 118095948
 IDC II 14 00 21 39.6-65 49.39S 121.64E 0 4.6,4.5
 ISCJB II 14 00 21 40.0-33 49.36S-05 121.5E-10 10 4.9b,4.7s
 MOS II 14 00 21 40.1-1.2 49.36S 121.51E 10 5.1b,4.7s

NEIC	II	14 00 21 41.5-32	49.34S	121.48E	10	5.0b,4.7s		
HRVD	II	14 00 21 41.5-50	49.25S	121.42E	12	5.2W,4.7s		
ISC	Event type se.							
ISC	Error ellipse: s-maj=25.4km s-min=17.0km az=116.0.							
ISCJB	Event type se. Error ellipse: s-maj=11.9km s-min=6.9km az=21.9.							
MOS	Error ellipse: s-maj=30.3km s-min=12.2km az=82.9.							
NEIC	Event type se. Error ellipse: s-maj=13.7km s-min=8.9km az=102.0.							
HRVD	Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
LP body waves: s25.c33; Mantle waves: s40.c64; Half duration: 1s0 Moment tensor: Scale								
1017Nm; Mrr-1.0±0.2; Mθθ-0.84±0.2; Mφφ-0.23±0.4; Mθφ-0.56±0.1; Mφθ-0.32±0.5;								
Best double couple: NP1:0.291,0.00000°;δ37.00000°;λ-104.00000°; NP2:0.129,0.00000°;								
δ55.00000°;λ-79.00000°; Principal axes: T: 1.2270,Plg9.0000°; Azm211.0000°;								
N-0.0910,Plg9.0000°; Azm303.0000°; P-1.1310,Plg77.0000°; Azm76.0000°;								
M0.179000×10 ¹⁷								
ISC	V	25 12 50 51.2-87	50.45S-30	114.2E-60	10	4.0b,3.7s	8	18-151
ISCJB	V	25 12 50 49.4-88	50.35S-30	114.1E-60	10	4.0b,3.7s		19599387
IDC	V	25 12 50 49.6-10	50.38S	114.16E	0	4.2,4.1		
ISCJB	Error ellipse: s-maj=64.4km s-min=14.0km az=66.3.							
IDC	Error ellipse: s-maj=73.9km s-min=18.3km az=123.0.							
IDC	VI	20 06 28 12.9-11	48.96S	125.46E	0	4.0,4.0		19600217
IDC	Error ellipse: s-maj=56.8km s-min=20.3km az=100.0.							
ISC	IV	16 20 05 52.4-27	49.07S-04	121.43E-08	10	5.0b,4.5s	95	16-154
ISCJB	IV	16 20 05 50.9-27	49.07S-04	121.47E-09	10	5.0b,4.5s		18320655
MOS	IV	16 20 05 51.9-16	49.01S	121.59E	10	5.1b,4.5s		
IDC	IV	16 20 05 51.3-47	49.11S	121.35E	0	4.8,4.8		
HRVD	IV	16 20 05 52.5-20	49.09S	121.70E	15-1	5.3W,4.7s		
NEIC	IV	16 20 05 52.5-24	49.06S	121.44E	10	4.9b,4.5s		
BJI	IV	16 20 05 52.4	49.10S	121.40E	9	5.2b,5.1s		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=8.3km s-min=5.8km az=36.0.							
MOS	Error ellipse: s-maj=18.3km s-min=8.8km az=80.0.							
IDC	Error ellipse: s-maj=18.2km s-min=12.6km az=122.0.							
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s.							
nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
LP body waves: s60.c98; Mantle waves: s78.c114; Half duration: 1s0 Moment tensor: Scale								
1017Nm; Mrr-1.0±0.13±0.2; Mθθ-0.36±0.2; Mφφ-0.49±0.2; Mθφ-0.26±0.5; Mφθ-0.83±0.1; Mφθ-0.20±0.6;								
Best double couple: NP1:0.15,0.00000°;δ73.00000°;λ4.00000°; NP2:0.283,0.00000°;δ86.00000°;								
λ163.00000°; Principal axes: T: 1.0740,Plg14.0000°; Azm238.0000°; N-0.1860,Plg73.0000°;								
λz92.0000°; P-0.8880,Plg9.0000°; Azm330.0000°; M0.981000×10 ¹⁷								
NEIC	Event type se. Error ellipse: s-maj=8.9km s-min=6.0km az=111.0.							

SEISMIC REGION 34. Eastern North America.

(439) Manitoba.

ISC	II	24 08 40 18.8-43	50.78N-04	101.69W-04	10		59	3-14
ISCJB	II	24 08 40 16.1-47	50.81N-05	101.66W-05	10			19579563
IDC	II	24 08 40 19.5-96	50.69N	101.77W	0	3.5,3.4L		
NEIC	II	24 08 40 20.6	50.71N	101.74W	1	2.8,3.4L		
OTT	II	24 08 40 20.6-22	50.71N	101.74W	1	2.8,3.4L		
ISC	Event type ke.							
ISCJB	Event type ke. Error ellipse: s-maj=6.6km s-min=4.1km az=154.6.							
IDC	Error ellipse: s-maj=12.3km s-min=8.5km az=165.0.							
NEIC	Event type se. After OTT.							

OTT	Event type ke. Error ellipse: s-maj=1.1km s-min=1.4km az=-1.0. Near Esterhazy, Sk 16km south from Langenburg, Sk.							
(440) Hudson Bay.								
OTT	V	05 20 02 16.7-12	62.92N	85.26W	18	3.1		18494599
OTT	Event type ke. Error ellipse: s-maj=1.1km s-min=1.0km az=-1.0. 171km southwest from Coral Harbour, Nu Boothia Ungava Seismic Zone.							
(441) Ontario.								
OTT	IV	01 23 20 46.2-08	52.58N	80.33W	10	2.7		18439333
OTT	Event type ke. Error ellipse: s-maj=1.1km s-min=0.7km az=-1.0. James Bay 113km southwest from Wemindji, Qc Eastern Background Seismic Zone.							
OTT	III	04 02 13 10.5-06	49.51N	81.54W	12	3.4		
NEIC	III	04 02 13 10.7	49.52N	81.58W	18	3.4		110596915
OTT	Event type fe. 65km east from Kapuskasing, Ontario Felt Eastern Background Seismic Zone.							
NEIC	Event type fe. Felt at Smooth Rock Falls, Moonbeam and Fauquier. After OTT.							
ISC	I	03 11 05 06.9-21	49.35N-01	80.90W-02	15	3.2b	225	1-26
IDC	I	03 11 05 09.6-23	49.30N	81.07W	12-15	3.6,3.4		18078338
NEIC	I	03 11 05 10.3	49.33N	81.08W	15	3.7,3.4		
OTT	I	03 11 05 10.3-07	49.33N	81.08W	15	3.7,3.4		
ISC	Event type fe.							
IDC	Error ellipse: s-maj=10.1km s-min=9.6km az=67.0.							
NEIC	Event type fe. Felt at Cochrane. After OTT.							
OTT	Event type fe. Error ellipse: s-maj=1.1km s-min=0.7km az=-1.0. 29km northeast from Cochrane, Ontario Felt Eastern Background Seismic Zone.							
(443) Northern Quebec.								
OTT	IV	27 10 42 40.6-27	59.98N	77.70W	18	2.8		
OTT	Event type ke. Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. 25km west from Puvirnituq, Qc Boothia Ungava Seismic Zone.							
ISC	III	22 22 16 11.3-30	59.84N-02	77.37W-05	18	3.8b	194	5-79
ISCJB	III	22 22 16 09.4-31	59.80N-03	77.36W-06	18	3.8b		110608736
OTT	III	22 22 16 12.4-18	60.06N	77.25W	18	4.1		
NEIC	III	22 22 16 12.5	60.04N	77.32W	18	4.0,3.9b		
IDC	III	22 22 16 15.5-3.0	59.99N	77.16W	30-23	3.9,3.9		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=4.0km s-min=3.7km az=24.7.							
OTT	Event type fe. Error ellipse: s-maj=1.1km s-min=1.7km az=-1.0. Puvirnituq, Qc. Felt. Boothia Ungava Seismic Zone.							
NEIC	Event type fe. Felt at Puvirnituq. After OTT.							
IDC	Error ellipse: s-maj=10.4km s-min=9.3km az=100.0.							
OTT	V	03 22 14 03.8-14	61.28N	75.55W	18	3.2		18494563
OTT	Event type ke. Error ellipse: s-maj=1.1km s-min=1.6km az=-1.0. Boothia Ungava Seismic Zone. 104km southwest from Puvirnituq, Qc.							
(446) Labrador Sea.								
OTT	IV	17 06 23 21.5-1.1	59.69N	56.22W	18	2.6L		18439650
OTT	Event type ke. Error ellipse: s-maj=3.3km s-min=7.3km az=-1.0. LAlberaRADOR Sea Seismic Zone. 412km northeast from Nutak, NI.							
OTT	VI	26 03 13 30.6-1.0	57.27N	57.46W	18	3.0L		19971709
OTT	Event type ke. Error ellipse: s-maj=7.8km s-min=4.2km az=-1.0. LAlberaRADOR Sea Seismic Zone. 250km northeast from Aillik, NI.							
(447) Southern Quebec.								
ISC	IV	07 08 31 40.7-26	47.46N-02	70.55W-02	31-2	3.5b	164	0-149
ISCJB	IV	07 08 31 38.7-20	47.48N-02	70.67W-02	25	3.5b		18320144
NEIC	IV	07 08 31 40.0	47.29N	70.47W	0	4.1,3.7W		
OTT	IV	07 08 31 41.6-11	47.38N	70.46W	25-0	4.1,3.7W		
IDC	IV	07 08 31 43.7-3.5	47.50N	70.73W	31-23	3.7,3.7		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=2.9km s-min=1.8km az=128.2.							
NEIC	Event type fe. Felt in the Charlevoix region. After OTT. Moment Tensor Solution.							
M0.5,10000×10 ¹⁴								
OTT	Event type fe. Charlevoix Seismic Zone, Quebec Felt in the Chalevoix region. No damage 8km south from Baie-Saint-Paul, Qc 8km south from Baie-Saint-Paul, Qc.							
IDC	Error ellipse: s-maj=35.8km s-min=9.5km az=132.0.							
OTT	II	07 04 07 21.2-03	46.29N	75.30W	18	3.1		19570088
OTT	Event type fe. 32km southeast from Mont-Laurier, Qc. Felt Western Quebec Seismic Zone.							
ISC	I	09 15 35 39.2-30	45.06N-01	73.92W-02	17-2	3.1b	204	0-146
ISCJB	I	09 15 35 37.4-18	45.08N-01	73.94W-02	15	3.1b		18035744
NEIC	I	09 15 35 40.0	45.03N	73.90W	15	3.5W		
OTT	I	09 15 35 40.0-03	45.03N	73.90W	15	4.2		
IDC	I	09 15 35 39.7-1.9	45.12N	74.05W	0	3.7,3.4		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=2.2km s-min=1.5km az=129.5.							
NEIC	Event type fe. Felt in the Hemmingford-Huntingdon-Montreal area. Felt [IV] at Altona, Ellenburg Center, Lyon Mountain, Moers, Moers Forks and Saranac; [III] at Champlain, Chateaugay, Chazy, Constable, Ellenburg Depot, Fort Covington, Jay, Keeseville, Lake Placid, Malone, Morrisonville, Peru, Rouses Point, Saranac Lake, Vermontville, West Chazy and Wilmington; [II] at Plattsburgh and Upper Jay, New York. Also felt [III] at Alburg, Highgate Center, Swanton and Underhill; [I] at Essex Junction, Milton, Montpelier, Saint Albans, Stowe, Williston and Wolcott, Vermont. After OTT. Moment Tensor Solution.							
M2.00000×10 ¹⁴								
OTT	Event type fe. 13km southeast of Ormstown, Qc. Felt 13km southwest of Saint-Chrysostome 22km east from Huntingdon, Qc. Western Quebec Seismic Zone.							
IDC	Error ellipse: s-maj=29.5km s-min=9.4km az=155.0.							
(448) Gaspé Peninsula.								
OTT	V	09 03 15 03.6-25	49.99N	66.29W	18	3.0		
NEIC	V	09 03 15 03.6	49.99N	66.29W	18	3.0		18494672
OTT	Event type fe. Error ellipse: s-maj=1.1km s-min=2.1km az=-1.0. 23km south from Sept-Iles, Qc. Felt Felt in Sept-Iles, Qc Lower St. Lawrence Seismic Zone, Quebec.							
NEIC	Event type fe. Felt at Sept-Iles. After OTT.							
ISC	V	28 11 20 45.3-34	49.50N-02	66.28W-03	10	3.9b	133	1-150
ISCJB	V	28 11 20 43.8-35	49.47N-02	66.26W-03	10	3.9b		18440691
IDC	V	28 11 20 46.5-3.3	49.63N	66.53W	13-18	3.8b,3.7		
NEIC	V	28 11 20 47.8	49.56N	66.28W	18	3.6,3.7		
OTT	V	28 11 20 47.8-06	49.56N	66.28W	18	3.6,3.7		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=3.5km s-min=2.8km az=16.2.							
IDC	Error ellipse: s-maj=25.1km s-min=9.1km az=121.0.							
NEIC	Event type fe. Felt at Port-Cartier and Sept-Iles. After OTT.							
OTT	Event type fe. 50km northeast from Sainte-Anne-des-Monts, Qc. Felt Lower St. Lawrence Seismic Zone, Quebec.							
(451) New Brunswick.								
OTT	VI	01 09 34 25.7-07	46.58N	67.45W	5	3.6		
NEIC	VI	01 09 34 25.7	46.58N	67.45W	5	3.6,3.5b		18449275
OTT	Event type fe. Error ellipse: s-maj=1.1km s-min=0.8km az=-1.0. 25km southeast from Perth-Andover, Nb. Felt Felt in Florenceville,Williamstown,and Bristol, Nb. Northern Appalachians Seismic Zone.							
NEIC	Event type fe. Felt at Bristol, Florenceville, Perth-Andover, Williamstown and Woodstock. Also felt at Mars Hill, Maine. After OTT.							
(456) Montana.								
ISC	III	22 17 24 32.4-20	48.89N-02	115.30W-02	10	4.0b	189	1-93
BJI	III	22 17 24 29.5	49.18N	114.81W	4	4.8b,4.6s		110608605
ISCJB	III	22 17 24 30.9-21	48.93N-02	115.26W-02	10	4.0b,4.6s		
NEIC	III	22 17 24 32.4	48.83N	115.20W	8	4.3W,4.2L		
IDC	III	22 17 24 33.2-84	49.01N	115.41W	0	3.9,3.7L		
PGC	III	22 17 24 33.3	48.77N	115.19W	10	4.3W,4.2L		
ISC	Event type fe.							
ISCJB	Event type fe. Error ellipse: s-maj=3.1km s-min=2.0km az=61.7.							

ISCJB	VI	18 07 24 34.9--26	46.31N--01	2.58E--02	15--2	2.4L		18481205	LDG	Event type ke. Error ellipse: s-maj=1.1km s-min=0.8km az=56.0.											
STR	VI	18 07 24 37.4--48	46.26N	2.61E	10--1	2.4L			CSEM	Event type ke. Error ellipse: s-maj=1.0km s-min=0.7km az=48.0.											
NEIC	VI	18 07 24 37.4	46.26N	2.61E	10	2.5L,2.4L			NEIC	Event type se. After LDG.											
CSEM	VI	18 07 24 37.1--03	46.29N	2.61E	12	2.5L,2.4L			ISC	II 02 01 11 57.0--45	46.02N--02	1.41W--04	9--3	40	0-3						
LDG	VI	18 07 24 37.1--03	46.29N	2.60E	10--0	2.8,2.5L			ISCJB	II 02 01 11 55.8--51	46.06N--02	1.39W--04	4--4							18079730	
ISC	Event type ke.																				
ISCJB	Event type ke. Error ellipse: s-maj=2.9km s-min=2.2km az=57.2.																				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.																				
NEIC	Event type se. After STR.																				
CSEM	Event type ke. Error ellipse: s-maj=0.6km s-min=0.5km az=112.0.																				
LDG	Event type ke. Error ellipse: s-maj=0.6km s-min=0.5km az=113.0.																				
ISC	VI	07 12 44 49.2--35	45.64N--02	2.92E--03	17--6			68	0-2	ISC	II 02 02 39 19.1--29	47.38N--02	6.92E--03	15--2	58	0-3					18079734
ISCJB	VI	07 12 44 48.4--31	45.64N--02	2.94E--03	3			18463745	ISCJB	II 02 02 39 20.1--30	47.38N--02	6.86E--02	9--3								
LDG	VI	07 12 44 49.0--05	45.64N	2.94E	3--0	2.4L,2.3			ZUR	II 02 02 39 20.1	47.38N	6.97E	5--1	1.4L							
CSEM	VI	07 12 44 50.0--04	45.64N	2.93E	5	2.4L,2.3			LDG	II 02 02 39 20.1--05	47.38N	6.97E	6--0	2.5,2.0L							
STR	VI	07 12 44 50.0--05	45.63N	2.92E	5--1	2.4L,2.3			STR	II 02 02 39 20.4--34	47.38N	6.95E	10--1	1.8L,2.0L							
ISC	Event type ke.																				
ISCJB	Event type ke. Error ellipse: s-maj=2.7km s-min=2.2km az=46.5.																				
LDG	Event type ke. Error ellipse: s-maj=1.0km s-min=0.8km az=101.0.																				
CSEM	Event type ke. Error ellipse: s-maj=0.9km s-min=0.7km az=110.0.																				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.																				
ISC	VI	07 12 46 32.6--56	45.64N--02	2.93E--04	15--12			24	0-2	ISC	II 03 03 54 00.2--10	43.16N--07	0.21E--04	10	14	0-1					18079781
ISCJB	VI	07 12 46 31.8--58	45.66N--02	2.92E--04	13--12			18463746	LDG	II 03 03 54 01.4--04	43.03N	0.22E	15--0	1.4,1.1L							
LDG	VI	07 12 46 33.2--06	45.64N	2.94E	3--0	2.0L,2.0			STR	II 03 03 54 01.8--02	43.04N	0.04W	10--1	2.2L,1.1L							
STR	VI	07 12 46 33.2--22	45.63N	2.95E	5--1	2.1L,2.0			MDD	II 03 03 54 03.1--34	43.00N	0.20E	0	0.4,1.1L							
ISC	Event type ke.																				
ISCJB	Event type ke. Error ellipse: s-maj=5.1km s-min=3.6km az=33.6.																				
LDG	Event type ke. Error ellipse: s-maj=1.3km s-min=0.9km az=102.0.																				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.																				
LDG	VI	07 23 28 24.1--10	46.60N	0.23W	15--0	2.1,2.0L			MDD	Error ellipse: s-maj=3.1km s-min=2.2km az=166.0. PRXIMO.											
STR	VI	07 23 28 25.8--40	46.54N	0.36W	5--1	1.9L,2.0L			ISC	II 04 11 58 11.3--20	45.68N--01	6.33E--02	8--2	204	0-4						18079838
LDG	Event type ke. Error ellipse: s-maj=2.3km s-min=1.5km az=37.0.																				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.																				
LDG	IV	01 14 28 34.8--06	47.44N	1.63W	5--0	2.5L,2.5			ISCJB	II 04 11 58 09.9--23	45.71N--01	6.27E--02	1--2								
CSEM	IV	01 14 28 34.8--05	47.44N	1.63W	2	2.6L,2.5			CSEM	II 04 11 58 11.9--04	45.66N	6.38E	12	2.9L							
NEIC	IV	01 14 28 37.1	47.34N	1.54W	2	2.5L,2.5L			NEIC	II 04 11 58 12.0	45.66N	6.38E	2	2.9L,2.8L							
STR	IV	01 14 28 37.1--1.3	47.34N	1.54W	2--1	2.4L,2.5L			LDG	II 04 11 58 12.0--03	45.66N	6.38E	2--0	2.9,2.8L							
LDG	Event type ke. Error ellipse: s-maj=1.5km s-min=1.0km az=56.0.																				
CSEM	Event type ke. Error ellipse: s-maj=1.1km s-min=0.7km az=57.0.																				
NEIC	Event type se. After STR.																				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.																				
LDG	IV	02 21 44 30.6--04	47.92N	6.43E	11--0	3.1,2.8L			LDG	II 04 11 58 12.2--42	45.70N	6.38E	10--0	2.3,1.3L							
CSEM	IV	02 21 44 30.3--04	47.92N	6.45E	15	2.7L,2.8L			STR	II 04 11 58 12.8--52	45.66N	6.35E	5--1	2.3L,1.3L							
STR	IV	02 21 44 30.4--22	47.96N	6.45E	10--1	2.6L,2.8L			GEN	II 04 11 58 12.4	45.71N	6.42E	0	2.0L,1.3L							
NEIC	IV	02 21 44 30.6	47.92N	6.43E	11	2.8L,2.6L			ZUR	II 04 11 58 12.5	45.72N	6.39E	14--6	2.1L,1.3L							
BGR	IV	02 21 44 30.8--44	47.97N	6.45E	10	2.3L,2.6L			ISC	Event type ke.											
LDG	Event type ke. Error ellipse: s-maj=0.9km s-min=0.8km az=166.0.																				
CSEM	Event type ke. Error ellipse: s-maj=1.0km s-min=0.7km az=161.0.																				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.																				
NEIC	Event type se. After LDG.																				
BGR	Event type ke. Error ellipse: s-maj=4.4km s-min=3.3km az=41.0.																				
ISC	VI	08 21 43 25.9--67	43.05N--03	0.02E--04	11--6			25	0-2	ISCJB	II 04 20 30 04.7--37	47.28N--02	1.06W--03	19--4	39	1-3					18079849
ISCJB	VI	08 21 43 25.0--58	43.10N--03	0.01E--03	0			18463790	LDG	II 04 20 30 07.8--43	47.26N--02	1.03W--04	9--4								
LDG	VI	08 21 43 26.4--07	43.03N	0.02E	5--0	2.1,1.5L			LDG	II 04 20 30 05.8--05	47.28N	1.09W	10--0	2.6,2.3L							
MDD	VI	08 21 43 26.8--32	43.01N	0.01E	0	1.0,1.5L			STR	II 04 20 30 08.2--07	47.08N	1.36W	5--1	2.3L,2.3L							
STR	VI	08 21 43 26.8--11	43.01N	0.03E	2--1	1.7L,1.5L			ISC	Event type ke.											
ISC	Event type ke.																				
ISCJB	Event type ke. Error ellipse: s-maj=4.6km s-min=3.6km az=170.0.																				
LDG	Event type ke. Error ellipse: s-maj=1.5km s-min=1.2km az=176.0.																				
MDD	Error ellipse: s-maj=2.5km s-min=1.9km az=140.0. PRXIMO.																				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.																				
LDG	VI	11 09 48 10.9--09	47.33N	6.03E	6--0	2.1L,2.0			ISCJB	II 05 02 04 34.1--11	45.99N	2.97E	20--0	1.6L,1.5							
STR	VI	11 09 48 10.3--23	47.41N	6.03E	5--1	1.7L,2.0			STR	II 05 02 04 34.9--30	45.90N	2.92E	2--1	1.6L,1.5							
LDG	Event type ke. Error ellipse: s-maj=1.9km s-min=1.2km az=132.0.																				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.																				
ISC	VI	11 11 49 47.8--36	47.57N--02	1.15W--03	11--3			90	1-5	ISCJB	II 05 22 54 21.4--31	45.61N--01	6.96E--03	13--3	59	0-3					18079903
ISCJB	VI	11 11 49 45.6--42	47.52N--02	1.11W--03	1--4			18463884	ROM	II 05 22 54 21.6--32	45.63N	6.96E	11--3	1.8,1.7L							
STR	VI	11 11 49 48.1--79	47.66N	1.11W	5--1	3.0L			ISCJB	II 05 22 54 20.8--30	45.63N--01	6.90E--03	11								
LDG	VI	11 11 49 49.2--10	47.59N	1.18W	5--0	3.0,2.8L			ROM	II 05 22 54 21.7--05	45.60N	7.02E	2--0	2.3,2.2L							
STR	VI	11 11 49 49.2--10	47.59N	1.18W	5	2.8L,2.8L			ZUR	II 05 22 54 22.4	45.64N	6.96E	11--6	1.5L,2.2L							
NEIC	VI	11 11 49 49.2	47.59N	1.18W	5	2.8L,2.8L			STR	II 05 22 54 22.7--95	45.58N	6.91E	5--1	2.3L,2.2L							
CSEM	VI	11 11 49 49.2--11	47.58N	1.18W	8	2.9L,2.8L			ISC	Event type ke.											
ISC	Event type ke.																				
ISCJB	Event type ke. Error ellipse: s-maj=4.4km s-min=2.5km az=80.4.																				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.																				
LDG	Event type ke. Error ellipse: s-maj=2.5km s-min=1.5km az=35.0.																				
NEIC	Event type se. After LDG.																				
CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=1.6km az=38.0.																				
ISC	VI	12 20 39 19.4--42	44.72N--02	6.80E--03	10--5			35	0-3	ISC	II 16 06 11 00.3--34	46.60N--02	1.27E--02	12--3	101	1-4					18096013
ISCJB	VI	12 20 39 18.5--44	44.71N--02	6.78E--03	14--5			18463928	ISCJB	II 16 06 10 58.8--36	46.61N--02	1.26E--02	4--3								
LDG	VI	12 20 39 19.8--07	44.73N	6.81E	2--0	2.2L,2.2			CSEM	II 16 06 11 01.5--04	46.61N	1.28E	5	2.5L							
STR	VI	12 20 39 19.7--85	44.69N	6.81E	10--1	1.9L,2.2			LDG	II 16 06 11 01.4--03	46.61N	1.28E	3--0	2.5L,2.5							
ROM	VI	12 20 39 19.0--23	44.71N	6.84E	10--0	2.0,1.1L			STR	II 16 06 11 04.6--56	46.52N	1.44E	2--1	2.5L,2.5							
ISC	Event type ke.																				
ISCJB	Event type ke. Error ellipse: s-maj=4.2km s-min=2.9km az=132.8.																				
LDG	Event type ke. Error ellipse: s-maj=1.9km s-min=1.1km az=68.0.																				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.																				
ROM	Event type ke. Error ellipse: s-maj=4.0km s-min=1.6km az=110.0.																				
ISC	VI	13 18 07 28.3--51	43.01N--03	0.22E--03	14--5			36	0-3	LDG	IV 25 14 14 07.1--06	47.83N	0.67W	3--0	2.8L,2.7						18321145
ISCJB	VI	13 18 07 27.6--39	43.05N--03	0.24E--03	10			18463965	STR	IV 25 14 14 05.1--12	47.84N	0.75W	2--1	2.8L,2.7							
LDG	VI	13 18 07 28.8--08	42.98N	0.20E	7--0	1.9L,1.9			NEIC	IV 25 14 14 07.1	47.83N	0.67W	3	2.8L,2.7							
STR	VI	13 18 07 28.3--05	42.98N	0.19E	9--1	2.1L,1.9			CSEM	IV 25 14 14 07.0--06	47.83N	0.67W	2	2.9L,2.7							
MDD	VI	13 18 07 29.0--24	42.99N	0.21E	10--1	1.4,1.9			LDG	Event type ke. Error ellipse: s-maj=1.4km s-min=1.0km az=42.0.											
ISC	Event type ke.																				
ISCJB	Event type ke. Error ellipse: s-maj=4.1km s-min=2.8km az=154.9.																				
LDG	Event type ke. Error ellipse: s-maj=2.3km s-min=1.4km az=174.0.																				
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.																				
MDD	Error ellipse: s-maj=2.5km s-min=1.6km az=111.0. PRXIMO.																				
ISC	VI	15 17 52 54.9--33	44.21N--02																		

CSEM	IV	29 14 10 32.7-18	47.77N	8.13E	2	2.4L			
LDG	IV	29 14 10 32.3-39	47.76N	8.13E	8-0	2.4L,2.0			
STR	IV	29 14 10 32.1-1.3	47.92N	8.18E	5-1	1.8L,2.0			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=7.8km s-min=5.1km az=102.3.								
CSEM	Event type ke. Error ellipse: s-maj=2.9km s-min=1.7km az=94.0.								
LDG	Event type ke. Error ellipse: s-maj=6.3km s-min=5.0km az=140.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	III	18 22 49 32.7-21	46.201N-01 7.47E-02	7-2					
ISCJB	III	18 22 49 31.9-23	46.20N-01 7.46E-02	6-2					
ZUR	III	18 22 49 32.8	46.21N	7.51E	3-1	2.6L			
ROM	III	18 22 49 32.8-22	46.18N	7.48E	10-1	2.6,2.6L			
GEN	III	18 22 49 32.8	46.20N	7.57E	0	2.0L,2.6L			
NEIC	III	18 22 49 32.8	46.21N	7.50E	3	3.0L,3.0L			
MOS	III	18 22 49 32.7-73	46.19N	7.48E	13	4.0b,3.0L			
CSEM	III	18 22 49 32.2-04	46.16N	7.57E	5	3.0L,3.0L			
STR	III	18 22 49 33.9-12	46.18N	7.47E	5-1	2.8L,3.0L			
LDG	III	18 22 49 33.3-07	46.20N	7.52E	3-0	3.0L,2.9			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=2.1km s-min=1.8km az=0.9.								
ROM	Event type ke. Error ellipse: s-maj=3.3km s-min=1.4km az=31.0.								
NEIC	Event type se. After ZUR.								
MOS	Error ellipse: s-maj=7.3km s-min=4.5km az=81.1.								
CSEM	Event type ke. Error ellipse: s-maj=0.9km s-min=0.7km az=92.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
LDG	Event type ke. Error ellipse: s-maj=1.6km s-min=1.1km az=108.0.								
ISC	III	24 07 10 00.5-25	47.19N-01 7.48E-02	10					
ISCJB	III	24 07 09 59.3-25	47.17N-01 7.45E-02	10					
NEIC	III	24 07 10 00.0	47.20N	7.52E	1	2.7L,2.3L			
ZUR	III	24 07 10 00.0	47.20N	7.52E	1-6	2.2L,2.3L			
LDG	III	24 07 10 01.3-05	47.20N	7.50E	8-0	2.7L,2.6			
STR	III	24 07 10 01.4-45	47.21N	7.46E	5-1	2.3L,2.6			
LEDBW	III	24 07 10 01.1-2.6	47.21N	7.52E	5-0	2.3L,2.6			
CSEM	III	24 07 10 01.2-05	47.20N	7.52E	12	2.7L,2.6			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=2.0km s-min=1.6km az=73.6.								
NEIC	Event type se. After ZUR.								
LDG	Event type ke. Error ellipse: s-maj=1.0km s-min=0.9km az=116.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
LEDBW	Error ellipse: s-maj=50.0km s-min=28.0km az=158.0.								
CSEM	Event type ke. Error ellipse: s-maj=0.9km s-min=0.8km az=119.0.								
ISC	III	25 21 42 15.1-21	46.52N-01 8.74E-02	4-2					
ISCJB	III	25 21 42 14.3-23	46.54N-01 8.76E-02	3-2					
CSEM	III	25 21 42 15.2-05	46.47N	8.80E	0	2.7L			
NEIC	III	25 21 42 15.3	46.51N	8.80E	10	2.7L,2.6			
ROM	III	25 21 42 15.3-27	46.51N	8.80E	10-0	2.6,1.8L			
LDG	III	25 21 42 15.1-07	46.51N	8.81E	5-0	2.6L,2.6			
ZUR	III	25 21 42 15.1	46.51N	8.82E	2-0	2.4L,2.6			
STR	III	25 21 42 22.9-98	46.88N	8.54E	10-1	2.3L,2.6			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=2.5km s-min=1.9km az=130.9.								
CSEM	Event type ke. Error ellipse: s-maj=1.2km s-min=0.9km az=143.0.								
NEIC	Event type se. After ROM.								
ROM	Event type ke. Error ellipse: s-maj=4.4km s-min=2.2km az=157.0.								
LDG	Event type ke. Error ellipse: s-maj=1.5km s-min=1.2km az=107.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	III	29 09 49 45.9-15	46.91N-01 6.81E-01	11-1					
ISCJB	III	29 09 49 44.5-17	46.924N-01 6.77E-01	4-1					
ZUR	III	29 09 49 46.5	46.92N	6.87E	4-2	3.2L			
LDG	III	29 09 49 46.8-04	46.90N	6.87E	4-0	3.6L,3.4			
NEIC	III	29 09 49 46.6	46.92N	6.87E	4	3.6L,3.3L			
CSEM	III	29 09 49 46.9-04	46.90N	6.91E	12	3.6L,3.3L			
STR	III	29 09 49 47.3-20	46.94N	6.85E	10-1	3.3L,3.3L			
ROM	III	29 09 49 47.0-48	46.91N	6.75E	10-0	3.1L,2.7			
LEDBW	III	29 09 49 47.2-70	46.91N	6.88E	6-2	3.2L,2.7			
BGR	III	29 09 49 47.2-63	46.96N	6.80E	10	3.1L,2.7			
PRU	III	29 09 49 49.6	46.97N	7.11E	0	3.1L,2.7			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=1.5km s-min=1.4km az=45.2.								
LDG	Event type ke. Error ellipse: s-maj=0.8km s-min=0.7km az=105.0.								
NEIC	Event type se. After ZUR.								
CSEM	Event type ke. Error ellipse: s-maj=1.0km s-min=0.8km az=116.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ROM	Event type ke. Error ellipse: s-maj=6.3km s-min=4.2km az=60.0.								
LEDBW	Error ellipse: s-maj=12.0km s-min=6.0km az=9.0.								
BGR	Event type ke. Error ellipse: s-maj=7.8km s-min=5.6km az=51.0.								
ISC	VI	09 21 43 45.5-1.1	47.89N-03 7.09E-06	16-7					
ISCJB	VI	09 21 43 45.9-74	47.91N-03 7.16E-07	16					
LDG	VI	09 21 43 45.8-12	47.90N	7.12E	15-1	2.1,1.8L			
STR	VI	09 21 43 46.5-17	47.93N	7.10E	5-1	1.8L,1.8L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=6.7km s-min=4.4km az=51.8.								
LDG	Event type ke. Error ellipse: s-maj=2.3km s-min=1.6km az=129.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	VI	19 01 28 05.6-27	46.81N-02 8.64E-02	11-3					
ISCJB	VI	19 01 28 04.5-28	46.80N-02 8.63E-02	9-4					
LDG	VI	19 01 28 05.9-06	46.81N	8.70E	2-0	2.2L			
ZUR	VI	19 01 28 05.7	46.83N	8.69E	2-1	2.1L			
VIE	VI	19 01 28 06.5-41	46.82N	8.76E	13-7	2.2L			
STR	VI	19 01 28 09.6-62	46.92N	8.54E	10-1	2.0L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.0km s-min=2.5km az=116.4.								
LDG	Event type ke. Error ellipse: s-maj=1.2km s-min=1.0km az=85.0.								
VIE	Error ellipse: s-maj=2.7km s-min=2.3km az=37.0, 11 km SE of Altdorf.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	VI	22 16 06 26.7-21	46.29N-01 7.26E-02	12-2					
ISCJB	VI	22 16 06 25.7-22	46.31N-01 7.21E-02	10-2					
NEIC	VI	22 16 06 26.7	46.32N	7.28E	4	2.8L,2.5L			
CSEM	VI	22 16 06 26.6-05	46.25N	7.34E	5	2.8L,2.5L			
ROM	VI	22 16 06 26.4-62	46.28N	7.26E	6-5	2.4,1.9L			
ZUR	VI	22 16 06 26.7	46.32N	7.28E	4-1	2.2L,1.9L			
LDG	VI	22 16 06 26.9-06	46.28N	7.34E	2-0	2.9,2.8L			
STR	VI	22 16 06 27.8-59	46.28N	7.33E	5-1	2.5L,2.8L			
GEN	VI	22 16 06 27.5	46.31N	7.27E	3	2.0L,2.8L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=2.3km s-min=1.9km az=8.8.								
NEIC	Event type se. After ZUR.								
CSEM	Event type ke. Error ellipse: s-maj=1.0km s-min=0.8km az=92.0.								
ROM	Event type ke. Error ellipse: s-maj=7.6km s-min=2.5km az=36.0.								
LDG	Event type ke. Error ellipse: s-maj=1.4km s-min=1.0km az=101.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	VI	12 00 05 44.2-20	46.63N-01 9.61E-02	4					
LDG	VI	12 00 05 43.9-41	46.67N	9.76E	2-0	2.8L			
NEIC	VI	12 00 05 43.4	46.62N	9.60E	4	2.8L,2.8L			
PRU	VI	12 00 05 43.7	46.57N	9.61E	0	2.8L,2.8L			
ZUR	VI	12 00 05 43.4	46.62N	9.60E	4-3	2.4L,2.8L			
CSEM	VI	12 00 05 43.8-09	46.62N	9.69E	0-0	2.7L,2.8L			
ROM	VI	12 00 05 43.0-33	46.68N	9.58E	10-6	2.7,2.4L			
ISCJB	VI	12 00 05 43.2-20	46.65N-01 9.61E-02	4		2.7,2.4L			
STR	VI	12 00 05 44.9-24	46.61N	9.73E	5-1	2.6L,2.4L			
ISC	Event type ke.								
LDG	Event type ke. Error ellipse: s-maj=9.3km s-min=6.5km az=69.0.								
NEIC	Event type se. After ZUR.								
CSEM	Event type ke. Error ellipse: s-maj=1.6km s-min=1.3km az=160.0.								
ROM	Event type ke. Error ellipse: s-maj=9.8km s-min=2.6km az=159.0.								
ISCJB	Event type ke. Error ellipse: s-maj=2.1km s-min=1.6km az=149.6.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	III	11 11 24 00.8-19	47.51N-01 8.06E-01	17-2					
MOS	III	11 11 23 59.2-1.1	47.43N	8.06E	10	3.7b			
ISCJB	III	11 11 24 00.2-20	47.50N-01 8.04E-02	12-2		3.7b			
LDG	III	11 11 24 01.5-04	47.51N	8.08E	12-0	2.6L,2.6			

CSEM	III	11 11 24 01.1-04	47.50N	8.10E	15	2.6L,2.6			
NEIC	III	11 11 24 01.5	47.51N	8.08E	12	2.6L,2.6			
ZUR	III	11 11 24 01.0	47.49N	8.09E	13-0	2.1L,2.6			
BGR	III	11 11 24 01.7-31	47.53N	8.10E	10	1.9L,2.6			
LEDBW	III	11 11 24 01.6-20	47.51N	8.08E	12-2	2.3L,2.6			
STR	III	11 11 24 01.9-32	47.52N	8.02E	10-1	2.3L,2.6			
PRU	III	11 11 24 54.1	48.26N	10.48E	0	2.3L,2.6			
ISC	Event type ke.								
MOS	Error ellipse: s-maj=8.0km s-min=6.1km az=107.9.								
ISCJB	Event type ke. Error ellipse: s-maj=2.1km s-min=1.8km az=179.4.								
LDG	Event type ke. Error ellipse: s-maj=0.9km s-min=0.7km az=128.0.								
CSEM	Event type ke. Error ellipse: s-maj=0.8km s-min=0.7km az=2.0.								
NEIC	Event type se. After LDG.								
BGR	Event type ke. Error ellipse: s-maj=3.3km s-min=3.3km az=13.0.								
LEDBW	Error ellipse: s-maj=4.0km s-min=2.0km az=173.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	VI	12 14 43 54.4-83	47.30N-04 7.19E-06	17-7					
ISCJB	VI	12 14 43 53.7-81	47.30N-03 7.16E-06	13-5					
STR	VI	12 14 43 54.6-21	47.28N	7.12E	10-1	2.0L			
LDG	VI	12 14 43 55.6-12	47.32N	7.16E	10-0	2.3L,2.3			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=7.5km s-min=4.2km az=68.8.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
LDG	Event type ke. Error ellipse: s-maj=2.5km s-min=1.7km az=144.0.								
ISC	II	02 06 52 39.1-23	47.99N-02 7.53E-02	18-2					
ISCJB	II	02 06 52 38.2-26	47.97N-02 7.51E-02	10-2					
STR	II	02 06 52 39.9-22	48.01N	7.51E	5-1	2.0L			
LEDBW	II	02 06 52 39.7-30	47.99N	7.57E	11-3	1.9L			
LDG	II	02 06 52 39.7-04	48.00N	7.56E	11-0	2.5,2.4L			
ZUR	II	02 06 52 40.0	47.98N	7.58E	7-5	2.0L,2.4L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=2.9km s-min=1.9km az=173.5.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
LEDBW	Error ellipse: s-maj=8.2km s-min=5.0km az=24.0.								
LDG	Event type ke. Error ellipse: s-maj=0.9km s-min=0.7km az=169.0.								
ISC	II	05 11 55 02.6-44	46.64N-02 7.19E-04	19-4					
ISCJB	II	05 11 55 02.3-37	46.67N-02 7.16E-04	12-4					
ZUR	II	05 11 55 03.1	46.63N	7.22E	12-1	1.2L			
LDG	II	05 11 55 03.0-04	46.63N	7.21E	10-0	2.1L,1.9			
STR	II	05 11 55 03.5-1.3	46.66N	7.14E	10-1	1.8L,1.9			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.9km s-min=2.4km az=172.4.								
LDG	Event type ke. Error ellipse: s-maj=1.0km s-min=0.7km az=83.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	II	16 02 20 26.4-20	47						

ISC	I	26 17 27 15.4--22	46.22N-01	6.97E-02	8-2				
ISCJB	I	26 17 27 14.6--21	46.24N-01	6.93E-02	10				
CSEM	I	26 17 27 15.8--05	46.20N	7.04E	5	2.6L			
NEIC	I	26 17 27 15.6	46.22N	7.02E	3	2.7L,2.3L			
LDG	I	26 17 27 15.8--06	46.21N	7.04E	5-0	2.7L,2.5			
ZUR	I	26 17 27 15.5	46.22N	7.02E	5-1	2.0L,2.5			
STR	I	26 17 27 15.5--47	46.19N	7.08E	5-1	2.3L,2.5			
ROM	I	26 17 27 16.0--36	46.15N	7.04E	6-2	2.2,1.7L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=2.0km s-min=1.7km az=167.6.								
CSEM	Event type ke. Error ellipse: s-maj=1.0km s-min=0.9km az=105.0.								
NEIC	Event type se. After ZUR.								
LDG	Event type ke. Error ellipse: s-maj=1.3km s-min=1.1km az=113.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ROM	Event type ke. Error ellipse: s-maj=6.0km s-min=1.7km az=22.0.								
ISC	I	28 18 28 39.7--18	47.37N-01	7.77E-01	17-2				
ISCJB	I	28 18 28 38.8--23	47.35N-01	7.73E-02	9-2				
ZUR	I	28 18 28 40.6	47.38N	7.79E	11-0	2.3L			
BGR	I	28 18 28 40.9-1.1	47.42N	7.79E	10	2.2L			
NEIC	I	28 18 28 40.6	47.38N	7.79E	11	2.7L,2.3L			
LDG	I	28 18 28 40.7--04	47.37N	7.77E	10-0	2.9,2.7L			
CSEM	I	28 18 28 40.4--04	47.35N	7.79E	13-0	2.7L,2.7L			
LEDBW	I	28 18 28 41.0--20	47.38N	7.79E	13-1	2.5L,2.7L			
STR	I	28 18 28 41.0--22	47.39N	7.79E	5-1	2.3L,2.7L			
PRU	I	28 18 28 41.9	47.42N	7.84E	0	2.3L,2.7L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=2.2km s-min=1.8km az=118.9.								
BGR	Event type ke. Error ellipse: s-maj=10.0km s-min=7.8km az=53.0.								
NEIC	Event type se. After ZUR.								
LDG	Event type ke. Error ellipse: s-maj=0.8km s-min=0.6km az=134.0.								
CSEM	Event type ke. Error ellipse: s-maj=0.9km s-min=0.7km az=145.0.								
LEDBW	Error ellipse: s-maj=4.0km s-min=2.0km az=143.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	V	25 08 18 13.4--19	47.12N-01	7.45E-02	12-2				
ISCJB	V	25 08 18 12.1--22	47.11N-01	7.40E-02	5-2				
ZUR	V	25 08 18 13.8	47.14N	7.49E	6-4	2.6L			
CSEM	V	25 08 18 13.5--05	47.11N	7.55E	8	3.1L			
LDG	V	25 08 18 13.9--05	47.11N	7.50E	4-0	3.2,3.1L			
STR	V	25 08 18 14.3--19	47.15N	7.49E	10-1	2.6L,3.1L			
NEIC	V	25 08 18 14.3	47.15N	7.49E	10	3.1L,2.7L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=2.0km s-min=1.9km az=37.2.								
CSEM	Event type ke. Error ellipse: s-maj=1.0km s-min=0.8km az=106.0.								
LDG	Event type ke. Error ellipse: s-maj=1.1km s-min=0.8km az=126.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
NEIC	Event type se. After STR.								
ISC	VI	20 04 34 07.3--60	46.59N-03	8.04E-04	8-7				
ISCJB	VI	20 04 34 06.3--57	46.60N-03	8.02E-04	10				
ROM	VI	20 04 34 06.9--53	46.59N	8.04E	10-0	2.2,1.3L			
LDG	VI	20 04 34 08.3--15	46.57N	8.04E	2-0	2.2L,1.3L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.4km s-min=3.7km az=159.7.								
ROM	Event type ke. Error ellipse: s-maj=7.0km s-min=2.1km az=139.0.								
LDG	Event type ke. Error ellipse: s-maj=3.1km s-min=1.3km az=82.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	VI	26 21 24 39.7--93	47.97N-03	7.29E-07	10				
ISCJB	VI	26 21 24 39.1--85	47.96N-03	7.23E-06	10				
LDG	VI	26 21 24 39.8--20	47.99N	7.32E	12-0	1.9L,1.9			
STR	VI	26 21 24 40.0--34	48.02N	7.34E	10-1	1.4L,1.9			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=6.4km s-min=3.4km az=64.5.								
LDG	Event type ke. Error ellipse: s-maj=3.1km s-min=2.0km az=106.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	IV	29 06 32 03.0--27	47.71N-02	7.61E-02	17				
ISCJB	IV	29 06 32 03.7--30	47.72N-02	7.63E-03	17				
LDG	IV	29 06 32 03.0--06	47.69N	7.64E	18-0	2.4L,2.4			
LEDBW	IV	29 06 32 03.7--09	47.71N	7.63E	15-1	2.1L,2.4			
ZUR	IV	29 06 32 03.6	47.70N	7.64E	17-2	2.0L,2.4			
STR	IV	29 06 32 03.3--19	47.70N	7.64E	10-1	2.0L,2.4			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.1km s-min=2.4km az=170.8.								
LDG	Event type ke. Error ellipse: s-maj=1.5km s-min=1.2km az=172.0.								
LEDBW	Error ellipse: s-maj=2.8km s-min=1.8km az=147.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	IV	02 23 02 23.8--34	47.05N-02	8.91E-03	8-6				
ISCJB	IV	02 23 02 22.7--35	47.07N-02	8.88E-02	0-6				
ZUR	IV	02 23 02 23.7	47.03N	8.97E	6-3	1.6L			
LDG	IV	02 23 02 23.8--15	47.03N	8.98E	10-0	2.0L			
VIE	IV	02 23 02 25.2--48	46.99N	9.06E	6-0	2.1L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=3.7km s-min=2.8km az=170.2.								
LDG	Event type ke. Error ellipse: s-maj=2.7km s-min=1.4km az=94.0.								
VIE	Error ellipse: s-maj=3.0km s-min=2.6km az=176.0. 13 km SSE of Glarus.								
(545) Northern Italy.									
ISC	IV	05 09 39 09.2--30	44.39N-03	9.75E-02	8-2				
CSEM	IV	05 09 39 08.7--05	44.33N	9.81E	10	2.9L			
ISCJB	IV	05 09 39 08.8--30	44.39N-03	9.77E-02	11-2	2.9L			
GEN	IV	05 09 39 09.7	44.45N	9.84E	6	3.0L			
ROM	IV	05 09 39 09.2--15	44.45N	9.81E	10-0	2.5,2.3L			
NEIC	IV	05 09 39 10.2	44.42N	9.94E	10	2.8L,2.3L			
LDG	IV	05 09 39 10.2--11	44.42N	9.94E	10-0	2.8L,2.3L			
STR	IV	05 09 39 11.4--46	43.84N	9.58E	5-1	2.6L,2.3L			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=2.3km s-min=1.0km az=5.0.								
ISCJB	Event type ke. Error ellipse: s-maj=4.4km s-min=2.5km az=179.3.								
ROM	Event type ke. Error ellipse: s-maj=3.3km s-min=1.7km az=18.0.								
NEIC	Event type se. After LDG.								
LDG	Event type ke. Error ellipse: s-maj=2.4km s-min=1.3km az=92.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	IV	07 04 56 14.8--63	45.79N-03	11.08E-04	10				
CSEM	IV	07 04 56 13.8--12	45.76N	11.09E	20	3.0L			
ISCJB	IV	07 04 56 14.4--60	45.81N-03	11.10E-04	10	3.0L			
ROM	IV	07 04 56 14.9--36	45.78N	11.06E	10-0	2.4,2.0L			
VIE	IV	07 04 56 17.6--85	45.92N	11.36E	8-0	2.4L,1.7b			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=2.1km s-min=2.0km az=43.0.								
ISCJB	Event type ke. Error ellipse: s-maj=4.5km s-min=3.2km az=78.3.								
ROM	Event type ke. Error ellipse: s-maj=5.7km s-min=3.2km az=161.0.								
VIE	Error ellipse: s-maj=5.1km s-min=4.3km az=138.0. 17 km SSW of Borgo.								
ISC	IV	07 07 35 42.0--25	44.37N-02	9.78E-02	11-2	3.5b			
MOS	IV	07 07 35 39.7--42	44.34N	9.95E	10	4.0b			
ROM	IV	07 07 35 41.9--15	44.39N	9.79E	10-0	3.3L,3.0			
ISCJB	IV	07 07 35 41.2--24	44.39N-02	9.79E-02	10-2	3.5b,3.0			
GEN	IV	07 07 35 41.7	44.46N	9.85E	2	3.0L,3.0			
IDC	IV	07 07 35 41.5--1.9	44.49N	9.77E	0	3.6,3.5			
CSEM	IV	07 07 35 41.1--09	44.37N	9.82E	11-1	3.6L,3.5			
NEIC	IV	07 07 35 43.0	44.31N	9.81E	10	3.7L,3.6L			
SZGRF	IV	07 07 35 43.9	44.44N	9.74E	10	3.6b,3.6L			
LDG	IV	07 07 35 43.0--13	44.37N	9.85E	10-0	3.6L,3.6L			
STR	IV	07 07 35 43.0--57	44.31N	9.81E	10-1	3.7L,3.6L			
ISC	Event type ke.								
MOS	Error ellipse: s-maj=7.8km s-min=5.2km az=120.8.								
ROM	Event type ke. Error ellipse: s-maj=3.1km s-min=1.9km az=32.0.								
ISCJB	Event type ke. Error ellipse: s-maj=2.8km s-min=1.9km az=161.1.								
IDC	Error ellipse: s-maj=36.9km s-min=20.0km az=133.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.5km s-min=1.7km az=173.0.								
NEIC	Event type se. After STR.								
SZGRF	Northern Italy.								
LDG	Event type ke. Error ellipse: s-maj=3.6km s-min=2.7km az=7.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	IV	07 14 01 16.6--25	44.38N-02	9.76E-02	7-2	3.3b			

158	0-5										
18079342		MOS	IV	07 14 01 14.6--57	44.37N	9.95E	10	4.0b	18228916		
		ISCJB	IV	07 14 01 16.0--25	44.39N-02	9.77E-02	8-2	3.3b			
		CSEM	IV	07 14 01 15.7--07	44.37N	9.93E	20	3.5L			
		ROM	IV	07 14 01 16.8--12	44.37N	9.80E	10-0	3.2L,3.1			
		GEN	IV	07 14 01 16.8	44.46N	9.85E	4	3.0L,3.1			
		NEIC	IV	07 14 01 16.9	44.37N	9.80E	10	3.6L,3.4L			
		IDC	IV	07 14 01 16.3--2.0	44.44N	9.93E	0	3.6,3.4			
		STR	IV	07 14 01 16.9--65	44.31N	9.90E	10-1	3.6L,3.4			
		SZGRF	IV	07 14 01 17.5	44.40N	9.93E	10	3.6b,3.4			
		LDG	IV	07 14 01 18.7--15	44.36N	9.79E	10-0	3.4L,3.4			
		ISC	Event type ke.								
		MOS	Error ellipse: s-maj=6.8km s-min=4.8km az=118.4.								
		ISCJB	Event type ke. Error ellipse: s-maj=2.8km s-min=1.9km az=145.4.								
		CSEM	Event type ke. Error ellipse: s-maj=1.8km s-min=1.2km az=146.0.								
		ROM	Event type ke. Error ellipse: s-maj=2.4km s-min=1.5km az=27.0.								
		NEIC	Event type se. After ROM.								
		IDC	Error ellipse: s-maj=35.6km s-min=21.1km az=130.0.								
		STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
		SZGRF	Northern Italy.								
		LDG	Event type ke. Error ellipse: s-maj=3.6km s-min=3.1km az=163.0.								
		ISC	IV	29 12 58 04.6--16	44.92N-01	11.89E-02	38		278 0-7		
		MOS	IV	29 12 58 01.1--1.6	44.94N	11.77E	10	4.0b	18321324		
		ZUR	IV	29 12 58 02.8	44.94N	11.54E	10-0	2.8L			
		ISCJB	IV	29 12 58 03.8--16	44.93N-01	11.88E-02	38	2.8L			
		SZGRF	IV	29 12 58 04.7	44.96N	11.97E	10	3.0b			
		NEIC	IV	29 12 58 04.2	44.94N	11.98E	38	3.0			
		LDG	IV	29 12 58 04.0--05	44.93N	11.95E	30-0	3.4L			
		ROM	IV	29 12 58 04.2--07	44.94N	11.98E	38-0	3.0,2.9L			
		CSEM	IV	29 12 58 04.2--07	44.88N	11.84E	48-1	3.4L,2.9L			
		PRU	IV	29 12 58 06.8	45.40N	12.07E	0	3.4L,2.9L			
		ISC	Event type ke.								
		MOS	Error ellipse: s-maj=6.1km s-min=4.4km az=98.3.								
		ISCJB	Event type ke. Error ellipse: s-maj=2.2km s-min=1.5km az=82.9.								
		SZGRF	Northern Italy.								
		NEIC	Event type se. After ROM.								
		LDG	Event type ke. Error ellipse: s-maj=1.4km s-min=1.3km az=162.0.								
		ROM	Event type ke. Error ellipse: s-maj=0.7km s-min=0.4km az=97.0.								
		CSEM	Event type ke. Error ellipse: s-maj=1.2km s-min=1.0km az=116.0.								
		ISC	IV	08 04 33 43.5--59	44.50N-04	10.82E-06	18-4		20 0-3		
		ROM	IV	08 04 33 42.8--53	44.48N	10.81E	25-7	2.2,1.3L	18228941		
		ISCJB	IV	08 04 33 43.6--60	44.47N-04	10.78E-06	23-6	2.2,1.3L			
		LDG	IV	08 04 33 44.1--1.2	44.47N	10.92E	10-0	2.4L,1.3L			
		ISC	Event type ke.								
		ROM	Event type ke. Error ellipse: s-maj=4.4km s-min=2.5km az=157.0.								

ISCJB Event type ke. Error ellipse: s-maj=3.7km s-min=2.7km az=58.1.
 NEIC Event type se. After ROM.
 ROM Event type ke. Error ellipse: s-maj=8.4km s-min=3.3km az=48.0.
 CSEM Event type ke. Error ellipse: s-maj=6.7km s-min=3.2km az=117.0.
 VIE Error ellipse: s-maj=3.5km s-min=2.2km az=138.0. 19 km ENE of Borgo.
ISC VI 18 18 49 40.8-32 44.08N-02 7.83E-02 13-2 **128 0-3**
 CSEM VI 18 18 49 40.2-08 44.11N 7.83E 5 2.6L
 ISCJB VI 18 18 49 40.5-32 44.10N-02 7.80E-02 12-2 2.6L
 ROM VI 18 18 49 40.0-23 44.12N 7.80E 5-4 2.2
 NEIC VI 18 18 49 40.0 44.12N 7.80E 5 2.7L,2.6L
 LDG VI 18 18 49 41.2-14 44.06N 7.84E 7-0 2.7L,2.4
 GEN VI 18 18 49 41.0 44.09N 7.79E 7 2.0L,2.4
 STR VI 18 18 49 42.6-62 44.09N 7.74E 5-1 2.6L,2.4
 ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=1.4km s-min=1.2km az=116.0.
 ISCJB Event type ke. Error ellipse: s-maj=3.1km s-min=2.6km az=109.5.
 ROM Event type ke. Error ellipse: s-maj=4.0km s-min=2.4km az=161.0.
 NEIC Event type se. After ROM.
 LDG Event type ke. Error ellipse: s-maj=2.5km s-min=1.4km az=104.0.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
ISC VI 06 18 04 34.8-50 44.41N-02 7.27E-04 16-4 **35 0-2**
 ISCJB VI 06 18 04 35.2-54 44.41N-02 7.32E-05 18-6
 LDG VI 06 18 04 35.2-07 44.41N 7.26E 3-0 2.1,2.0L
 STR VI 06 18 04 35.6-29 44.40N 7.30E 5-1 2.1L,2.0L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=6.6km s-min=3.3km az=133.2.
 LDG Event type ke. Error ellipse: s-maj=1.6km s-min=0.8km az=72.0.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
ISC VI 08 07 46 14.8-44 44.10N-02 7.22E-04 11-5 **63 0-2**
 ISCJB VI 08 07 46 14.3-37 44.11N-02 7.18E-03 6-7
 CSEM VI 08 07 46 14.7-08 44.11N 7.24E 10 2.5L
 LDG VI 08 07 46 15.0-11 44.11N 7.23E 2-0 2.7,2.6L
 NEIC VI 08 07 46 15.2 44.09N 7.22E 5 2.6L,2.4L
 STR VI 08 07 46 15.2-18 44.09N 7.22E 5-1 2.4L,2.4L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=3.9km s-min=3.0km az=134.8.
 CSEM Event type ke. Error ellipse: s-maj=1.8km s-min=1.1km az=65.0.
 LDG Event type ke. Error ellipse: s-maj=2.4km s-min=1.7km az=60.0.
 NEIC Event type se. After STR.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
ISC VI 09 23 03 46.0-86 44.61N-03 7.04E-07 15-8 **17 0-1**
 ISCJB VI 09 23 03 45.7-73 44.59N-02 7.06E-06 2
 LDG VI 09 23 03 46.4-09 44.62N 7.07E 2-0 2.2,1.5L
 STR VI 09 23 03 46.9-29 44.62N 7.03E 2-1 1.8L,1.5L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=6.4km s-min=3.3km az=153.4.
 LDG Event type ke. Error ellipse: s-maj=2.1km s-min=1.0km az=72.0.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
ISC II 02 01 46 13.0-30 45.51N-02 9.98E-02 19-2 **121 0-6**
 VIE II 02 01 46 12.1-76 45.51N 10.09E 8-0 2.4L,1.9b
 ISCJB II 02 01 46 13.7-44 45.51N-02 9.87E-03 24-4 2.4L,1.9b
 CSEM II 02 01 46 13.8-06 45.50N 10.16E 20 2.5L,1.9b
 ROM II 02 01 46 13.2-22 45.52N 9.97E 5-0 2.8,2.1L
 LDG II 02 01 46 14.0-11 45.47N 10.01E 10-0 2.5L,2.1L
 ISC Event type ke.
 VIE Error ellipse: s-maj=4.4km s-min=3.9km az=21.0. 69 km E of Mailand.
 ISCJB Event type ke. Error ellipse: s-maj=3.9km s-min=3.0km az=165.3.
 CSEM Event type ke. Error ellipse: s-maj=1.4km s-min=1.3km az=112.0.
 ROM Event type ke. Error ellipse: s-maj=3.3km s-min=2.1km az=3.0.
 LDG Event type ke. Error ellipse: s-maj=2.2km s-min=1.4km az=87.0.
ISC II 02 02 43 03.6-59 44.41N-02 7.19E-05 16-6 **26 0-2**
 ISCJB II 02 02 43 03.2-50 44.41N-02 7.16E-05 5
 STR II 02 02 43 03.9-63 44.42N 7.22E 5-1 1.9L
 LDG II 02 02 43 04.1-06 44.42N 7.20E 2-0 2.2,1.8L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=5.1km s-min=2.6km az=128.4.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
 LDG Event type ke. Error ellipse: s-maj=1.4km s-min=0.7km az=64.0.
ISC II 02 03 01 09.6-33 44.42N-02 7.19E-03 17-3 **45 0-4**
 ISCJB II 02 03 01 09.9-34 44.42N-02 7.23E-04 18-4
 ROM II 02 03 01 09.8-18 44.42N 7.23E 14-3 2.4L,2.2
 LDG II 02 03 01 09.9-05 44.43N 7.21E 3-0 2.5,2.3L
 STR II 02 03 01 09.9-48 44.43N 7.21E 5-1 2.1L,2.3L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=5.0km s-min=2.8km az=123.9.
 ROM Event type ke. Error ellipse: s-maj=4.4km s-min=3.4km az=9.0.
 LDG Event type ke. Error ellipse: s-maj=1.3km s-min=0.6km az=62.0.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
ISC II 04 07 32 52.2-26 44.02N-02 7.32E-02 15-2 **97 0-4**
 ROM II 04 07 32 51.9-15 44.01N 7.26E 10-0 2.6,1.8L
 ISCJB II 04 07 32 51.8-25 44.02N-02 7.29E-02 13-2 2.6,1.8L
 NEIC II 04 07 32 52.5 43.98N 7.35E 2 2.7L,2.6
 LDG II 04 07 32 52.5-21 43.98N 7.34E 2-0 3.0,2.7L
 STR II 04 07 32 52.9-24 44.04N 7.32E 2-1 2.6L,2.7L
 GEN II 04 07 32 52.2 44.02N 7.26E 8 2.0L,2.2L
 CSEM II 04 07 32 52.0-12 44.05N 7.34E 8 2.6L,2.7L
 ISC Event type ke.
 ROM Event type ke. Error ellipse: s-maj=21.7km s-min=4.8km az=130.0.
 ISCJB Event type ke. Error ellipse: s-maj=2.8km s-min=2.6km az=12.4.
 NEIC Event type se. After LDG.
 LDG Event type ke. Error ellipse: s-maj=4.5km s-min=3.1km az=69.0.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
 CSEM Event type ke. Error ellipse: s-maj=2.9km s-min=2.3km az=65.0.
ISC II 05 03 46 59.8-40 44.85N-02 10.11E-04 10 **42 0-5**
 ISCJB II 05 03 46 58.8-41 44.87N-02 10.09E-04 10
 LDG II 05 03 46 59.5-21 44.84N 10.39E 10-0 2.3L
 ROM II 05 03 47 00.5-30 44.81N 10.18E 10-0 2.5,2.0L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=4.1km s-min=3.2km az=127.6.
 LDG Event type ke. Error ellipse: s-maj=4.3km s-min=2.3km az=89.0.
 ROM Event type ke. Error ellipse: s-maj=9.3km s-min=3.1km az=107.8.
ISC II 10 03 10 24.2-36 45.09N-02 7.33E-03 12-3 **94 0-6**
 CSEM II 10 03 10 23.9-10 45.10N 7.39E 8 2.4L
 ISCJB II 10 03 10 24.1-36 45.08N-02 7.27E-03 15-3 2.4L
 STR II 10 03 10 24.0-1.0 45.20N 6.50E 5-1 2.5L
 LDG II 10 03 10 24.7-13 45.10N 7.34E 2-0 2.5L,2.4
 GEN II 10 03 10 24.5 45.10N 7.31E 18 2.0L,2.4
 ROM II 10 03 10 25.0-32 45.09N 7.22E 10-0 2.1,1.6L
 ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=2.1km s-min=1.2km az=79.0.
 ISCJB Event type ke. Error ellipse: s-maj=4.0km s-min=2.7km az=162.5.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
 LDG Event type ke. Error ellipse: s-maj=2.9km s-min=1.5km az=81.0.
 ROM Event type ke. Error ellipse: s-maj=5.2km s-min=3.9km az=5.0.
ISC II 12 03 48 56.0-2.8 46.54N-07 10.71E-06 5-53 **10 0-1**
 ROM II 12 03 48 54.9-21 46.49N 10.69E 10-0 1.7,1.1L
 ISCJB II 12 03 48 55.4-75 46.55N-05 10.71E-05 10 1.7,1.1L
 VIE II 12 03 48 57.3-69 46.65N 10.64E 8-0 1.3L,1.1L
 ISC Event type ke.
 ROM Event type ke. Error ellipse: s-maj=9.4km s-min=2.0km az=6.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.2km s-min=4.4km az=141.5.
 VIE Error ellipse: s-maj=6.2km s-min=1.4km az=155.0. 7 km ESE of Giorenza.
ISC II 12 13 59 37.6-48 46.77N-02 11.08E-04 2-9 **23 0-2**
 ISCJB II 12 13 59 37.0-47 46.77N-02 11.08E-04 10
 ZUR II 12 13 59 36.5 46.72N 11.14E 5-0 1.3L
 ROM II 12 13 59 37.0-33 46.76N 11.10E 10-0 2.3,1.5L
 VIE II 12 13 59 37.7-28 46.80N 11.09E 8-0 1.6L,1.5b
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=4.0km s-min=3.2km az=43.4.
 ROM Event type ke. Error ellipse: s-maj=4.5km s-min=2.4km az=174.0.
 VIE Error ellipse: s-maj=2.2km s-min=1.4km az=163.0. 10 km SSE of Obergurgl.

ISC II 15 13 18 13.4-32 45.99N-02 7.89E-03 7-4 **68 0-3**
 ISCJB II 15 13 18 12.5-32 46.01N-02 7.85E-03 3-4
 CSEM II 15 13 18 12.1-10 45.95N 7.93E 5 2.4L
 ROM II 15 13 18 12.5-14 45.98N 7.92E 4-2 2.0
 VIE II 15 13 18 13.7-66 45.79N 8.04E 10-0 2.5L
 LDG II 15 13 18 13.5-11 46.02N 7.93E 2-0 2.4L,2.4
 GEN II 15 13 18 13.3 45.98N 7.91E 3 2.0L,2.4
 ZUR II 15 13 18 13.8 46.03N 7.93E 1-1 2.0L,2.4
 STR II 15 13 18 16.9-1.2 46.13N 7.87E 2-1 2.4L,2.4
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=3.3km s-min=2.6km az=39.2.
 CSEM Event type ke. Error ellipse: s-maj=2.2km s-min=1.7km az=111.0.
 ROM Event type ke. Error ellipse: s-maj=2.1km s-min=1.9km az=14.0.
 VIE Error ellipse: s-maj=27.7km s-min=3.9km az=136.0. 52 km S of Monte-Rosa Gebirge.
 LDG Event type ke. Error ellipse: s-maj=2.6km s-min=1.5km az=118.0.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
ISC II 16 17 38 57.9-24 44.03N-01 7.66E-02 10 **169 0-6**
 ISCJB II 16 17 38 57.4-23 44.04N-01 7.63E-02 10
 CSEM II 16 17 38 57.8-06 44.00N 7.71E 12 3.1L
 NEIC II 16 17 38 58.4 44.01N 7.64E 5 3.0L,2.7
 ROM II 16 17 38 58.3-61 43.97N 7.64E 11-0 2.7,2.3L
 LDG II 16 17 38 58.5-14 43.99N 7.67E 2-0 3.1L,3.0
 STR II 16 17 38 58.4-53 44.01N 7.64E 5-1 3.0L,3.0
 GEN II 16 17 38 58.2 43.98N 7.62E 10 2.0L,3.0
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=2.1km s-min=1.8km az=134.1.
 CSEM Event type ke. Error ellipse: s-maj=1.3km s-min=0.9km az=158.0.
 NEIC Event type se. After STR.
 ROM Event type ke. Error ellipse: s-maj=10.4km s-min=3.6km az=34.0.
 LDG Event type ke. Error ellipse: s-maj=2.7km s-min=1.7km az=111.0.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
ISC II 18 03 26 34.2-34 45.83N-02 11.11E-02 12-2 **98 0-5**
 ISCJB II 18 03 26 33.5-33 45.85N-02 11.12E-02 11-3
 ZUR II 18 03 26 33.7 45.82N 11.10E 10-0 2.1L
 CSEM II 18 03 26 33.1-07 45.81N 11.11E 20-0 3.2L
 NEIC II 18 03 26 34.5 45.83N 11.10E 11 2.8L,2.7
 ROM II 18 03 26 34.5-17 45.83N 11.10E 11-1 2.7,2.2L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=3.0km s-min=2.7km az=54.8.
 CSEM Event type ke. Error ellipse: s-maj=1.3km s-min=1.0km az=7.0.
 NEIC Event type se. After ROM.
 ROM Event type ke. Error ellipse: s-maj=2.8km s-min=2.0km az=177.0.
ISC IV 24 14 12 21.2-34 44.03N-03 8.98E-02 16-2 **111 0-7**
 MOS IV 24 14 12 18.6-1.1 44.01N 9.14E 10 3.7b
 NEIC IV 24 14 12 20.4-66 44.03N 9.04E 8-4 2.7L,2.5L
 ISCJB IV 24 14 12 20.4-27 44.02N-03 8.96E-02 10 2.7L,2.5L
 CSEM IV 24 14 12 20.5-04 44.05N 9.03E 10 2.7L,2.5L
 ROM IV 24 14 12 21.6-14 44.08N 9.00E 10-0 4.2,2.1L
 GEN IV 24 14 12 22.1 44.07N 9.00E 6 2.0L,2.1L
 LDG IV 24 14 12 22.6-17 43.98N 8.98E 10-0 2.7L,2.1L
 STR IV 24 14 12 25.6-1.4 43.48N 8.54E 10-1 2.6L,2.1L
 ISC Event type ke.
 MOS Error ellipse: s-maj=11.2km s-min=6.7km az=23.8.
 NEIC Event type se. Error ellipse: s-maj=7.0km s-min=4.8km az=152.0.
 ISCJB Event type ke. Error ellipse: s-maj=3.8km s-min=2.0km az=176.3.
 CSEM Event type ke.
 ROM Event type ke. Error ellipse: s-maj=3.2km s-min=1.7km az=8.0.
 LDG Event type ke. Error ellipse: s-maj=3.4km s-min=2.6km az=81.0.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
ISC II 19 18 56 52.0-1.3 46.41N-04 10.88E-05 13-17 **12 0-2**
 ISCJB II 19 18 56 51.7-76 46.43N-04 10.90E-05 8
 ROM II 19 18 56 51.4-23 46.44N 10.88E 10-0 2.1,1.1L
 VIE II 19 18 56 51.6-77 46.42N 10.90E 8-0 1.5L,1.1L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=5.9km s-min=4.5km az=34.9.
 ROM Event type ke. Error ellipse: s-maj=7.3km s-min=2.4km az=8.0.
 VIE Error ellipse: s-maj=5.6km s-min=2.9km az=177.0. 8 km SSE of St.Gertraud.
ISC II 22 01 56 13.5-43 44.64N-03 10.04E-04 19-4 **55 0-4**
 GEN II 22 01 56 11.9 44.74N 10.07E 18 2.0L
 ROM II 22 01 56 12.7-24 44.71N 10.02E 10-0 2.5,2.0L
 ISCJB II 22 01 56 13.4-41 44.63N-03 9.98E-04 24-4 2.5L,2.0L
 LDG II 22 01 56 13.0-30 44.56N 10.19E 10-0 2.3L,2.0L
 CSEM II 22 01 56 14.0-1.4 44.47N 10.03E 20 2.2L,2.0L
 ISC Event type ke.
 ROM Event type ke. Error ellipse: s-maj=5.1km s-min=2.9km az=39.0.
 ISCJB Event type ke. Error ellipse: s-maj=5.2km s-min=4.3km az=44.6.
 LDG Event type ke. Error ellipse: s-maj=6.6km s-min=3.8km az=91.0.
 CSEM Event type ke. Error ellipse: s-maj=4.4km s-min=2.8km az=27.0.
ISC II 23 23 46 58.1-60 46.45N-02 12.83E-03 11-8 **37 0-2**
 ISCJB II 23 23 46 57.7-38 46.46N-02 12.83E-03 7
 ROM II 23 23 46 57.9-12 46.48N 12.90E 5-0 2.2,1.9L
 VIE II 23 23 46 57.7-28 46.46N 12.84E 7-0 1.8L,1.9L
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=2.9km s-min=2.6km az=101.5.
 ROM Event type ke. Error ellipse: s-maj=2.3km s-min=1.0km az=40.0.
 VIE Error ellipse: s-maj=2.2km s-min=1.2km az=41.0. 6 km NE of Ampezzo.
ISC II 24 03 39 21.0-1.7 44.05N-04 8.21E-10 5 **20 0-2**
 ISCJB II 24 03 39 20.6-1.5 44.08N-04 8.16E-09 5
 LDG II 24 03 39 22.0-2.4 44.05N 8.16E 5-0 1.9L,1.8
 STR II 24 03 39 26.1-1.1 44.19N 7.92E 2-1 2.0L,1.8
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=9.1km s-min=5.5km az=16.1.
 LDG Event type ke. Error ellipse: s-maj=3.8km s-min=2.3km az=91.0.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
STR II 24 17 04 53.6-19 44.45N 7.23E 5-1 **2.0L**
 LDG II 24 17 04 53.3-10 44.46N 7.25E 2-0 2.0L,1.8
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
 LDG Event type ke. Error ellipse: s-maj=2.2km s-min=0.8km az=58.0.
ISC II 25 18 04 37.1-42 46.46N-02 12.87E-03 8-5 **32 0-3**
 ISCJB II 25 18 04 36.5-46 46.46N-02 12.87E-03 11-5
 ROM II 25 18 04 36.5-10 46.48N 12.91E 5-0 2.2,1.8L
 VIE II 25 18 04 36.8-36 46.47N 12.87E 8-0 1.8L,1.5b
 PRU II 25 18 04 41.3 46.64N 12.74E 0 1.8L,1.5b
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=3.9km s-min=3.3km az=136.5.
 ROM Event type ke. Error ellipse: s-maj=1.8km s-min=0.9km az=38.0.
 VIE Error ellipse: s-maj=3.4km s-min=1.9km az=37.0. 5 km S of Comeglians.
ISC II 25 19 45 53.6-80 44.45N-03 7.22E-06 17-9 **23 0-1**
 ISCJB II 25 19 45 53.5-58 44.44N-02 7.19E-05 5
 STR II 25 19 45 53.9-14 44.45N 7.25E 5-1 1.9L
 LDG II 25 19 45 54.0-06 44.46N 7.24E 2-0 1.9L,1.7
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=5.7km s-min=2.6km az=128.2.
 STR Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
 LDG Event type ke. Error ellipse: s-maj=1.4km s-min=0.6km az=63.0.
ISC II 26 06 22 09.6-56 46.45N-02 12.84E-03 11-6 **51 0-2**
 CSEM II 26 06 22 08.5-11 46.40N 12.79E 2 2.4L
 ISCJB II 26 06 22 09.3-33 46.46N-02 12.84E-02 8 2.4L
 ROM II 26 06 22 09.3-09 46.47N 12.90E 5-0 2.4,1.8L
 VIE II 26 06 22 09.3-23 46.47N 12.83E 8-0 1.7L,1.8L
 ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=2.0km s-min=1.8km az=165.0.
 ISCJB Event type ke. Error ellipse: s-maj=2.8km s-min=2.2km az=59.5.
 ROM Event type ke. Error ellipse: s-maj=1.4km s-min=0.8km az=35.0.
 VIE Error ellipse: s-maj=1.9km s-min=1.1km az=48.0. 6 km NNE of Ampezzo.
ISC II 28 02 56 33.4-23 44.45N-01 7.25E-02 14-2 **107 0-7**
 CSEM II 28 02 56 33.8 7.24E 13 2.0L
 STR II 28 02 56 33.9-21 44.45N 7.23E 5-1 2.4L
 CSEM II 28 02 56 33.9-04 44.42N 7.29E 2 2.7
 ISCJB II 28 02 56 33.3-23 44.46N-02 7.27E-03 21-2 2.7
 LDG II 28 02 56 34.5-09 44.42N 7.25E 5-0 2.9,2.8L

STR	V	23 12 57 46.7-25	47.46N	11.10E	10-1	3.2L,3.2L			
ISC	Event type fe. Error ellipse: s-maj=1.6km s-min=1.2km az=93.0.								
ISCJB	Event type ke. Error ellipse: s-maj=3.8km s-min=1.2km az=176.0. 5 km N of Sankt Romedkapelle, felt 4-5 EMS98 in Karwendelgebirge / TYROL.								
VIE	Error ellipse: s-maj=5.9km s-min=5.4km az=146.4.								
NEIC	Event type se. Error ellipse: s-maj=4.8km s-min=3.4km az=23.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.2km s-min=1.4km az=67.0.								
MOS	Error ellipse: s-maj=5.9km s-min=5.4km az=146.4.								
BGR	Event type ke. Error ellipse: s-maj=5.6km s-min=3.3km az=32.0.								
LEDBW	Error ellipse: s-maj=98.0km s-min=72.0km az=12.0.								
LDG	Event type ke. Error ellipse: s-maj=6.3km s-min=2.9km az=21.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	V	06 16 52 29.8-94	46.35N-03	13.12E-04	15-6	2.2,1.8L	34	0-1	¶18776885
ROM	V	06 16 52 29.7-12	46.38N	13.12E	10-0	1.7L,1.0b			
VIE	V	06 16 52 29.8-64	46.35N	13.12E	7-0	1.7L,1.0b			
ISCJB	V	06 16 52 30.3-40	46.36N-02	13.12E-03	7	1.7L,1.0b			
ISC	Event type fe. Error ellipse: s-maj=1.4km s-min=0.6km az=0.0. 2 km SW of Lech, felt 2-3EMS98 at Lech / VORARLBERG.								
BGR	Event type ke. Error ellipse: s-maj=5.6km s-min=2.2km az=171.0.								
LDG	Event type ke. Error ellipse: s-maj=6.2km s-min=4.9km az=18.0.								
ISC	V	09 03 48 27.3-1.2	46.41N-04	13.19E-06	14-9	2.4	28	0-1	¶18776944
ROM	V	09 03 48 27.0-94	46.36N	13.54E	11-3	2.4			
VIE	V	09 03 48 25.0-79	46.41N	13.02E	7-0	1.8L,1.4b			
ISCJB	V	09 03 48 27.8-51	46.40N-03	13.21E-04	7	1.8L,1.4b			
CSEM	V	09 03 48 27.2-20	46.40N	13.19E	5	2.4,1.4b			
ISC	Event type ke. Error ellipse: s-maj=10.9km s-min=8.3km az=102.0.								
ROM	Error ellipse: s-maj=4.7km s-min=3.4km az=98.0. 9 km ENE of Spillmbergo.								
VIE	Event type ke. Error ellipse: s-maj=5.9km s-min=2.9km az=80.2.								
ISCJB	Event type ke. Error ellipse: s-maj=5.2km s-min=2.5km az=40.0.								
CSEM	V	13 12 01 07.6-20	47.00N-01	13.26E-02	7		145	0-9	¶18338940
ISC	V	13 12 01 06.5-20	47.01N-01	13.24E-02	7				
VIE	V	13 12 01 06.3-14	46.98N	13.25E	7-2	3.0L,2.1b			
CSEM	V	13 12 01 07.1-06	46.99N	13.27E	2	3.4L,2.2b			
BGR	V	13 12 01 07.9-37	47.01N	13.35E	10	2.5L,2.1b			
PRU	V	13 12 01 07.4	46.90N	13.29E	0	2.5L,2.1b			
IPEC	V	13 12 01 07.2-12	47.01N	13.25E	2-0	2.2L,2.1b			
ROM	V	13 12 01 08.8-54	46.91N	13.19E	10-0	2.3L,2.1b			
NEIC	V	13 12 01 08.8	46.91N	13.19E	10	3.1L,2.5L			
LDG	V	13 12 01 09.6-34	46.87N	13.21E	2-0	3.1L,2.5L			
ISC	Event type fe. Error ellipse: s-maj=1.8km s-min=1.6km az=179.6.								
ISCJB	Event type ke. Error ellipse: s-maj=1.8km s-min=0.7km az=9.0. 6 km N of Nieder Falkenstein, felt 3-4 EMS98 at Obervellach / CARINTHIA.								
VIE	Error ellipse: s-maj=1.3km s-min=1.0km az=56.0.								
CSEM	Event type ke. Error ellipse: s-maj=10.0km s-min=7.8km az=40.0.								
IPEC	Event type ke. Error ellipse: s-maj=0.9km s-min=0.8km az=60.0.								
ROM	Event type ke. Error ellipse: s-maj=6.7km s-min=2.9km az=38.0.								
NEIC	Event type se. After ROM.								
LDG	Event type ke. Error ellipse: s-maj=8.7km s-min=2.8km az=50.0.								
ISC	V	12 23 09 41.9-40	47.00N-03	13.26E-03	9		28	0-3	¶18777011
ISCJB	V	12 23 09 40.9-40	46.99N-03	13.24E-03	9				
VIE	V	12 23 09 40.7-12	47.00N	13.27E	9-2	2.3L,1.6b			
PRU	V	12 23 09 41.7	46.95N	13.06E	0	2.3L,1.6b			
ROM	V	12 23 09 45.0-1.0	46.84N	13.05E	10-0	2.3,1.6L			
ISC	Event type fe. Error ellipse: s-maj=4.1km s-min=2.9km az=21.9.								
ISCJB	Event type ke. Error ellipse: s-maj=1.7km s-min=0.6km az=11.0. 8 km E of Mallnitz, felt 3 EMS98 at Obervellach / CARINTHIA.								
VIE	Error ellipse: s-maj=17.9km s-min=14.2km az=28.0.								
ROM	Event type ke. Error ellipse: s-maj=17.9km s-min=14.2km az=28.0.								
ISC	I	31 22 41 32.1-29	47.56N-01	12.05E-02	4-2		128	0-8	¶18079678
VIE	I	31 22 41 31.3-11	47.55N	12.06E	8-0	2.9L,2.0b			
ISCJB	I	31 22 41 31.0-31	47.61N-01	12.02E-02	2-2	2.9L,2.0b			
NEIC	I	31 22 41 32.4-29	47.56N	12.04E	5	2.9L,2.9			
CSEM	I	31 22 41 32.3-08	47.50N	12.09E	2	2.8L,2.9			
ROM	I	31 22 41 33.8-44	47.53N	12.05E	10-0	2.9,2.9			
PRU	I	31 22 41 33.3	47.57N	12.11E	0	2.9,2.9			
LDG	I	31 22 41 34.0-61	47.57N	12.04E	10-0	2.5L,2.9			
BGR	I	31 22 41 34.3-61	47.60N	12.18E	10	2.4L,2.9			
STR	I	31 22 41 39.8-85	47.76N	11.41E	10-1	2.6L,2.9			
ISC	Event type fe. Error ellipse: s-maj=1.4km s-min=0.6km az=161.0. felt 4 EMS98 N of Woergl / TYROL 7 km N of Wgl, felt 4 EMS98 at Woergl / TYROL.								
ISCJB	Event type ke. Error ellipse: s-maj=2.5km s-min=2.2km az=91.1.								
NEIC	Event type se. Error ellipse: s-maj=4.4km s-min=3.2km az=153.0.								
CSEM	Event type ke. Error ellipse: s-maj=1.8km s-min=1.4km az=170.0.								
ROM	Event type ke. Error ellipse: s-maj=6.2km s-min=2.8km az=19.0.								
LDG	Event type ke. Error ellipse: s-maj=13.5km s-min=7.5km az=48.0.								
BGR	Event type ke. Error ellipse: s-maj=6.7km s-min=4.4km az=164.0.								
STR	Event type ke. Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.								
ISC	I	01 08 28 03.1-35	46.99N-02	13.29E-03	2-5		45	0-4	¶18760143
VIE	I	01 08 28 02.0-22	46.98N	13.27E	8-0	2.5L,2.2b			
ISCJB	I	01 08 28 02.1-34	47.00N-02	13.28E-02	8	2.5L,2.2b			
CSEM	I	01 08 28 02.1-09	46.94N	13.26E	20	3.0L,2.2b			
PRU	I	01 08 28 03.9	46.97N	13.42E	0	3.0L,2.2b			
ROM	I	01 08 28 04.9-92	46.88N	13.19E	10-0	2.5,1.8L			
ISC	Event type ke. Error ellipse: s-maj=1.9km s-min=1.3km az=19.0. 7 km NNE of Nieder Falkenstein.								
ISCJB	Event type ke. Error ellipse: s-maj=2.8km s-min=2.4km az=170.7.								
CSEM	Event type ke. Error ellipse: s-maj=2.4km s-min=1.5km az=167.0.								
ROM	Event type ke. Error ellipse: s-maj=11.9km s-min=4.7km az=32.0.								
ISC	I	03 22 08 05.4-28	47.43N-01	15.00E-02	3		111	0-8	¶18012077
ISCJB	I	03 22 08 03.9-29	47.45N-01	14.99E-02	3				
ROM	I	03 22 08 05.5-60	47.27N	15.30E	10-0	3.0,2.5L			
VIE	I	03 22 08 05.5-38	47.40N	15.00E	3-0	2.9L,1.9b			
LDG	I	03 22 08 07.0-18	47.39N	15.08E	10-0	3.2L,1.9b			
PRU	I	03 22 08 07.6	47.51N	15.07E	0	3.2L,1.9b			
CSEM	I	03 22 08 07.8-10	47.27N	14.99E	12	3.3L,1.9b			
NEIC	I	03 22 08 07.0	47.39N	15.08E	10	3.2L,2.8L			
ISC	Event type fe. Error ellipse: s-maj=2.4km s-min=2.1km az=42.4.								
ISCJB	Event type ke. Error ellipse: s-maj=15.9km s-min=5.6km az=137.0.								
ROM	Event type ke. Error ellipse: s-maj=2.6km s-min=2.4km az=93.0. felt 5 EMS98 at Leoben / STYRIA 3 km W of Sankt Peter.								
VIE	Error ellipse: s-maj=4.4km s-min=3.4km az=164.0.								
LDG	Event type ke. Error ellipse: s-maj=2.2km s-min=2.0km az=143.0.								
CSEM	Event type se. After LDG.								
ISC	I	06 07 59 43.4-31	47.01N-02	13.29E-02	10		46	0-2	¶18184978
CSEM	I	06 07 59 42.9-08	46.97N	13.27E	12	2.8L			
ISCJB	I	06 07 59 42.2-32	47.03N-02	13.28E-02	10	2.8L			
PRU	I	06 07 59 42.7	46.98N	13.36E	0	2.8L			
VIE	I	06 07 59 42.5-11	46.98N	13.28E	8-0	2.4L,2.2b			
ROM	I	06 07 59 45.9-79	46.92N	13.14E	10-0	2.4,2.2L			
BGR	I	06 07 59 49.6-1.1	47.23N	13.24E	10	2.2L,2.2L			
ISC	Event type ke. Error ellipse: s-maj=1.8km s-min=1.3km az=171.0.								
CSEM	Event type ke. Error ellipse: s-maj=2.6km s-min=2.3km az=44.0.								
ISCJB	Event type ke. Error ellipse: s-maj=1.3km s-min=0.6km az=3.0. 7 km NNE of Nieder Falkenstein.								

ROM	Event type ke. Error ellipse: s-maj=10.1km s-min=6.2km az=37.0.								
BGR	Event type ke. Error ellipse: s-maj=13.3km s-min=10.0km az=148.0.								
ISC	I	18 00 16 47.2-21	47.00N-01	13.27E-02	5		138	0-7	¶18078789
VIE	I	18 00 16 45.9-14	46.97N	13.26E	5-5	2.9L,2.3b			
ISCJB	I	18 00 16 46.1-22	47.01N-01	13.26E-02	5	2.9L,2.3b			
NEIC	I	18 00 16 46.6-53	46.96N	13.26E	10	2.9L,2.8L			
CSEM	I	18 00 16 47.9-12	46.91N	13.15E	2	3.1L,2.8L			
PRU	I	18 00 16 48.6	47.00N	13.24E	0	3.1L,2.8L			
ROM	I	18 00 16 48.4-38	46.96N	13.19E	12-0	2.5,2.2L			
LDG	I	18 00 16 52.2-56	47.49N	13.34E	10-0	2.8L,2.2L			
BGR	I	18 00 16 53.6-81	47.26N	13.17E	10	2.5L,2.2L			
ISC	Event type fe. Error ellipse: s-maj=1.3km s-min=0.7km az=18.0. felt 3-4 EMS98 at Obervellach / CARINTHIA 6 km NNE of Nieder Falkenstein.								
VIE	Event type ke. Error ellipse: s-maj=1.9km s-min=1.6km az=105.4.								
ISCJB	Event type se. Error ellipse: s-maj=7.4km s-min=5.1km az=199.0.								
NEIC	Event type ke. Error ellipse: s-maj=2.5km s-min=1.5km az=51.0.								
CSEM	Event type ke. Error ellipse: s-maj=3.1km s-min=1.8km az=30.0.								
ROM	Event type ke. Error ellipse: s-maj=13.5km s-min=7.0km az=44.0.								
LDG	Event type ke. Error ellipse: s-maj=10.0km s-min=6.7km az=158.0.								
BGR	Event type ke. Error ellipse: s-maj=2.0km s-min=1.6km az=126.8.								
ISC	I	18 00 24 07.9-21	46.99N-01	13.27E-02	8		139	0-8	¶18078791
ISCJB	I	18 00 24 07.0-22	47.00N-01	13.26E-02	8				
VIE	I	18 00 24 06.6-12	46.99N	13.27E	8-1	2.8L,2.2b			
CSEM	I	18 00 24 07.6-06	46.98N	13.28E	2	3.1L,2.2b			
NEIC	I	18 00 24 07.5-54	46.98N	13.27E	10	2.8L,2.6L			
ROM	I	18 00 24 09.3-78	46.91N	13.21E	10-0	2.6,2.1L			
PRU	I	18 00 24 09.5	47.02N	13.23E	0	2.6,2.1L			
LDG	I	18 00 24 13.1-48	47.49N	13.34E	10-0	2.6L,2.1L			
BGR	I	18 00 24 14.7-82	47.27N	13.15E	10	2.3L,2.1L			
ISC	Event type fe. Error ellipse: s-maj=1.3km s-min=0.7km az=7.0. felt 3-4 EMS98 at Obervellach / CARINTHIA 7 km NNE of Nieder Falkenstein.								
ISCJB	Event type ke. Error ellipse: s-maj=1.2km s-min=0.8km az=69.0.								
VIE	Event type se. Error ellipse: s-maj=7.7km s-min=5.2km az=16.0.								
CSEM	Event type ke. Error ellipse: s-maj=10.1km s-min=4.2km az=38.0.								
ROM	Event type ke. Error ellipse: s-maj=11.3km s-min=5.6km az=48.0.								
LDG	Event type ke. Error ellipse: s-maj=13.3km s-min=7.8km az=153.0.								
BGR	Event type ke. Error ellipse: s-maj=2.0km s-min=1.6km az=126.8.								
ISC	IV	15 11 23 06.5-59	46.25N-03	13.26E-03	14-4		51	0-2	¶18776462
CSEM	IV	15 11 23 05.7-13	46.24N	13.24E	15	2.4L			
ROM	IV	15 11 23 05.8-29	46.27N	13.27E	14	2.5,2.3L			
ISCJB	IV	15 11 23 06.9-31	46.28N-02	13.29E-02	6	2.5,2.3L			
LJU	IV	15 11 23 06.5	46.28N	13.28E	10	1.6L,2.3L			
VIE	IV	15 11 23 07.0-27	46.29N	13.30E	6-0	1.7L,2.3L			
ISC	Event type ke. Error ellipse: s-maj=2.6km s-min=1.5km az=43.0.								
CSEM	Event type ke. Error ellipse: s-maj=3.0km s-min=2.1km az=40.7.								
ROM	Error ellipse: s-maj=2.5km s-min=1.0km az=29.0. 13 km E of Gemona.								
ISCJB	Event type ke. Error ellipse: s-maj=6.8km s-min=2.8km az=166.0.								
VIE	Event type ke. Error ellipse: s-maj=2.5km s-min=1.7km az=44.1.								
ISC	IV	23 16 21 37.4-17	46.09N-01	13.59E-01	13-1		259	0-7	¶18321076
PRU	IV	23 16 21 35.4	46.06N	13.56E	0				
ROM	IV	23 16 21 35.3-32	46.11N	13.76E	5-2	3.2,3.1L			
LJU	IV	23 16 21 36.6	46.09N	13.59E	18	2.7L,3.1L			
ISCJB	IV	23 16 21 37.5-19	46.07N-01	13.54E-02	17-2	2.7L,3.1L			
LDG	IV	23 16 21 37.3-10	46.03N	13.66E	10-0	3.0L,3.1L			
NEIC	IV	23 16 21 37.0-52	46.04N	13.59E	8-4	3.3L,3.1L			
SZGRF	IV	23 16 21 37.6	46.04N	13.59E	10	3.0b,3.1L			
CSEM	IV	23 16 21 40.5-06	46.01N	13.61E	40	3.1L,3.1L			
STR	IV	23 16 21 43.6-48	46.23N	13.01E	10-1	3.3L,3.1L			
ISC	Event type fe. Error ellipse: s-maj=6.8km s-min=2.8km az=166.0.								
ROM	Event type ke. Error ellipse: s-maj=2.5km s-min								

Table with columns for station ID (IDC, ISC, etc.), coordinates, magnitude, and other seismic parameters.

Table with columns for station ID (HLW, ISCJB, etc.), coordinates, magnitude, and other seismic parameters.

SEISMIC REGION 37. Africa.

(553) Egypt.

Table of seismic events in Egypt, including station IDs, coordinates, magnitudes, and event types.

Table of seismic events in Egypt, including station IDs, coordinates, magnitudes, and event types.

(554) Red Sea.

Table of seismic events in the Red Sea, including station IDs, coordinates, magnitudes, and event types.

Table of seismic events in the Red Sea, including station IDs, coordinates, magnitudes, and event types.

(555) Western Arabian Peninsula.

Table of seismic events in the Western Arabian Peninsula, including station IDs, coordinates, magnitudes, and event types.

Table of seismic events in the Western Arabian Peninsula, including station IDs, coordinates, magnitudes, and event types.

(557) Sudan.

Table of seismic events in Sudan, including station IDs, coordinates, magnitudes, and event types.

(558) Ethiopia.

Table of seismic events in Ethiopia, including station IDs, coordinates, magnitudes, and event types.

CSEM	VI	17 14 45 10.4-35	11.92N	40.46E	10	4.6b,3.3s			
ISCJB	VI	17 14 45 11.5-35	12.09N-04	40.55E-03	10	4.4b,3.6s			
IDC	VI	17 14 45 12.5-1.4	12.20N	40.61E	0	4.4L,4.2			
DHMR	VI	17 14 45 12.1-1.5	12.30N	40.25E	39-9	4.6L,4.2			
NEIC	VI	17 14 45 15.9-1.9	12.40N	40.80E	10	4.6b,4.2			
BJI	VI	17 14 45 15.9	12.40N	40.80E	10	4.4b,4.2			
ISC	Event type ke.								
SZGRF	Ethiopia								
MOS	Error ellipse: s-maj=13.9km s-min=4.9km az=110.9.								
CSEM	Event type ke.								
DHMR	Error ellipse: s-maj=6.6km s-min=4.1km az=141.6.								
IDC	Error ellipse: s-maj=31.6km s-min=13.3km az=21.0.								
DHMR	Error ellipse: s-maj=20.7km s-min=11.1km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=41.2km s-min=12.2km az=218.0.								
ISC	VI	17 15 42 58.5-95	12.2N-10	40.48E-05	10	3.6b,3.4s	28	2-49	
DHMR	VI	17 15 42 53.4-2.2	12.24N	40.30E	6-125	4.2L,3.4s			¶19222168
ISCJB	VI	17 15 42 57.4-88	12.30N-10	40.24E-05	10	3.6b,3.4s			
IDC	VI	17 15 42 57.6-1.6	12.31N	40.67E	0	4.0L,3.8			
CSEM	VI	17 15 42 57.4-32	12.49N	40.50E	2	3.9b,3.8			
NEIC	VI	17 15 42 59.1-1.1	12.29N	40.62E	10	3.9b,3.8			
ISC	Event type ke.								
DHMR	Error ellipse: s-maj=52.8km s-min=98.6km az=1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=13.9km s-min=6.5km az=170.8.								
IDC	Error ellipse: s-maj=37.7km s-min=15.4km az=25.0.								
CSEM	Event type ke. Error ellipse: s-maj=12.8km s-min=6.7km az=179.0.								
NEIC	Event type se. Error ellipse: s-maj=24.5km s-min=14.1km az=207.0.								
ISC	VI	17 16 20 40.6-42	12.29N-05	40.53E-03	10	4.4b,3.6s	119	2-89	
SZGRF	VI	17 16 20 30.5	11.12N	41.47E	33	4.7b,3.6s			¶18855408
DHMR	VI	17 16 20 35.5-89	12.01N	40.24E	36-5	4.6L,3.6s			
ISCJB	VI	17 16 20 38.9-42	12.31N-05	40.56E-03	10	4.4b,3.6s			
MOS	VI	17 16 20 38.5-97	12.28N	40.50E	10	4.8b,3.6s			
IDC	VI	17 16 20 38.9-1.1	12.27N	40.60E	0	4.4L,4.2			
NEIC	VI	17 16 20 40.5-50	12.32N	40.54E	10	4.5b,4.2			
CSEM	VI	17 16 20 41.7-11	12.32N	40.56E	30	4.5b,4.2			
ISC	Event type ke.								
SZGRF	Ethiopia								
DHMR	Error ellipse: s-maj=6.9km s-min=5.4km az=1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=7.8km s-min=4.2km az=174.0.								
MOS	Error ellipse: s-maj=17.1km s-min=6.0km az=98.3.								
IDC	Error ellipse: s-maj=27.5km s-min=13.5km az=22.0.								
NEIC	Event type se. Error ellipse: s-maj=11.4km s-min=9.3km az=60.0.								
CSEM	Event type ke. Error ellipse: s-maj=4.4km s-min=2.6km az=178.0.								
ISC	VI	17 16 53 09.9-76	12.09N-10	40.44E-03	10	4.1b,3.5s	90	2-78	
DHMR	VI	17 16 53 03.5-2.5	12.14N	40.23E	2-6	4.4L,3.5s			¶18855409
MOS	VI	17 16 53 05.0-71	11.71N	40.30E	10	4.5b,3.5s			
ISCJB	VI	17 16 53 08.7-71	12.19N-09	40.47E-03	10	4.1b,3.5s			
IDC	VI	17 16 53 09.4-1.4	12.26N	40.59E	0	3.9,3.9L			
NEIC	VI	17 16 53 10.6-89	12.24N	40.53E	10	4.3b,3.9L			
CSEM	VI	17 16 53 10.9-13	12.52N	40.49E	10	4.4b,3.9L			
ISC	Event type ke.								
DHMR	Error ellipse: s-maj=19.5km s-min=16.8km az=1.0.								
MOS	Error ellipse: s-maj=19.9km s-min=7.1km az=96.5.								
ISCJB	Event type ke. Error ellipse: s-maj=13.3km s-min=4.5km az=2.7.								
IDC	Error ellipse: s-maj=32.7km s-min=13.9km az=23.0.								
NEIC	Event type se. Error ellipse: s-maj=20.4km s-min=10.6km az=202.0.								
CSEM	Event type ke. Error ellipse: s-maj=5.8km s-min=3.0km az=15.0.								
DHMR	VI	17 14 52 26.1-57	12.58N	40.33E	12-43	3.7L			¶10235188
DHMR	Error ellipse: s-maj=18.0km s-min=38.1km az=1.0.								
DHMR	VI	17 17 17 36.6-35	11.48N	40.56E	2-881	3.9L			
DHMR	Error ellipse: s-maj=801.8km s-min=999.9km az=1.0.								
ISC	II	04 17 31 14.9-1.1	12.5N-20	41.6E-10	10	3.6L	12	3-5	
DHMR	II	04 17 31 13.1-1.4	12.58N	41.71E	7-14	3.6L			¶10231548
ISCJB	II	04 17 31 14.6-1.1	12.5N-20	41.6E-10	10	3.6L			
ISC	II	07 18 32 06.2-00	11.49N-08	43.43E-07	10	3.6L	23	2-5	
ISCJB	II	07 18 32 05.9-90	11.55N-07	43.36E-06	10	3.6L			¶10231590
DHMR	II	07 18 32 05.1-1.9	11.66N	43.23E	12-16	4.1L			
ISCJB	Error ellipse: s-maj=13.3km s-min=4.3km az=101.2.								
DHMR	Error ellipse: s-maj=12.4km s-min=9.8km az=1.0.								
ISC	II	09 06 27 31.4-1.1	11.54N-09	43.19E-08	10	3.8L	22	2-5	
DHMR	II	09 06 27 27.5-1.6	11.63N	43.10E	9-14	3.8L			¶10231629
ISCJB	II	09 06 27 30.3-1.1	11.56N-08	43.16E-07	10	3.8L			
ISC	II	09 09 05 05.7-1.2	11.4N-10	43.26E-09	10	3.8L	20	2-5	
ISCJB	II	09 09 05 04.9-1.1	11.5N-10	43.22E-09	10	3.8L			¶10231631
DHMR	II	09 09 05 04.1-1.0	11.75N	42.88E	8-11	4.2L			
ISCJB	Error ellipse: s-maj=18.5km s-min=4.1km az=100.4.								
DHMR	Error ellipse: s-maj=7.9km s-min=12.9km az=1.0.								
DHMR	II	09 09 33 53.4-1.4	11.82N	43.22E	7-12	4.0L			¶10231632
DHMR	Error ellipse: s-maj=10.1km s-min=9.9km az=1.0.								
DHMR	II	09 09 55 24.2-1.1	11.70N	43.17E	8-9	3.5L			¶10231634
DHMR	Error ellipse: s-maj=8.4km s-min=8.3km az=1.0.								
ISC	II	09 10 17 60.0-73	11.63N-06	43.03E-07	10	3.8b,3.8s	47	2-64	
CSEM	II	09 10 17 56.8-29	11.64N	42.97E	2	4.4L,3.8s			¶19570307
DHMR	II	09 10 17 56.9-1.3	11.66N	43.08E	9-11	4.4L,3.8s			
ISCJB	II	09 10 17 57.8-72	11.60N-06	42.99E-07	10	3.8b,3.8s			
IDC	II	09 10 17 58.8-2.6	11.70N	42.81E	0	4.0,3.9s			
NEIC	II	09 10 18 00.3-1.2	11.73N	42.97E	10	4.5b,4.4L			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=9.1km s-min=6.0km az=102.0.								
DHMR	Error ellipse: s-maj=9.7km s-min=7.3km az=1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=10.6km s-min=6.5km az=78.6.								
IDC	Error ellipse: s-maj=62.4km s-min=26.0km az=164.0.								
NEIC	Event type se. Error ellipse: s-maj=19.5km s-min=17.1km az=74.0.								
ISC	II	09 11 12 29.8-1.8	11.5N-10	43.7E-20	10	3.9L	12	2-6	
DHMR	II	09 11 12 25.4-1.5	11.71N	43.09E	8-18	3.9L			¶10231636
ISCJB	II	09 11 12 28.1-1.7	11.5N-10	43.7E-20	10	3.9L			
DHMR	II	09 15 03 33.4-78	11.66N	43.25E	9-9	3.6L			¶10231639
DHMR	Error ellipse: s-maj=6.9km s-min=10.9km az=1.0.								
ISC	II	10 07 34 22.9-1.3	11.4N-10	43.3E-10	10	3.7L	18	2-5	
ISCJB	II	10 07 34 22.6-1.3	11.4N-10	43.3E-10	10	3.7L			¶10231647
DHMR	II	10 07 34 27.5-1.2	11.67N	43.15E	9-14	3.7L			
ISCJB	Error ellipse: s-maj=20.3km s-min=5.5km az=90.5.								
DHMR	Error ellipse: s-maj=9.2km s-min=17.0km az=1.0.								
ISC	II	10 07 59 52.5-1.8	11.4N-10	43.4E-10	10	3.8L	14	2-4	
DHMR	II	10 07 59 50.0-1.8	11.64N	43.04E	8-20	3.8L			¶10231650
ISCJB	II	10 07 59 51.5-1.8	11.4N-10	43.31E-10	10	3.8L			
ISC	II	11 10 46 08.4-1.2	11.63N-10	43.09E-08	10	3.8L	24	2-5	
ISCJB	II	11 10 46 07.5-1.2	11.67N-09	43.07E-07	10	3.8L			¶10231667
DHMR	II	11 10 46 08.1-1.2	11.82N	43.15E	11-11	4.0L			
ISCJB	Error ellipse: s-maj=16.1km s-min=5.6km az=110.8.								
DHMR	Error ellipse: s-maj=9.3km s-min=8.8km az=1.0.								
DHMR	II	11 10 59 52.8-1.3	11.72N	43.00E	10-11	3.6L			¶10231668
DHMR	Error ellipse: s-maj=9.4km s-min=9.4km az=1.0.								
ISC	II	13 12 04 44.0-1.2	12.6N-10	41.47E-10	10	3.6L	17	3-5	
DHMR	II	13 12 04 32.8-70	12.40N	41.27E	16-56	3.6L			¶10231708
ISCJB	II	13 12 04 38.5-1.1	12.65N-09	41.30E-09	10	3.6L			
ISC	II	14 00 12 18.0-75	12.50N-09	41.42E-08	10	3.6L	22	2-4	
DHMR	II	14 00 12 14.3-1.4	12.47N	41.51E	11-20	3.6L			¶10231727
ISCJB	II	14 00 12 15.1-84	12.46N-09	41.37E-08	10	3.6L			
DHMR	II	14 15 09 21.4-1.5	11.74N	43.10E	12-13	3.7L			¶10231728
DHMR	Error ellipse: s-maj=10.7km s-min=11.3km az=1.0.								
ISC	II	14 20 14 38.6-1.5	11.5N-10	43.6E-20	10	3.6L	15	2-5	
ISCJB	II	14 20 14 37.7-1.4	11.5N-10	43.5E-20	10	3.6L			¶10231729
DHMR	II	14 20 14 37.2-91	11.62N	43.40E	10-10	3.6L			
ISCJB	Error ellipse: s-maj=25.9km s-min=8.8km az=57.3.								

DHMR	Error ellipse: s-maj=9.0km s-min=11.3km az=1.0.								
ISC	II	16 21 56 41.5-1.4	11.81N-10	43.6E-20	10	3.8L	14	1-6	
DHMR	II	16 21 56 37.3-1.3	11.88N	43.22E	12-13	3.8L			¶10231747
ISCJB	II	16 21 56 40.4-1.4	11.82N-10	43.5E-20	10	3.8L			
ISC	II	18 08 00 46.1-1.2	11.42N-08	43.21E-07	10	3.8L	23	2-5	
DHMR	II	18 08 00 44.5-1.0	11.61N	43.11E	10-8	4.1L			¶10231787
ISCJB	II	18 08 00 46.5-98	11.52N-07	43.17E-06	10	4.1L			
ISC	II	18 09 20 28.6-54	11.62N-06	43.06E-05	10	4.1b,3.9s	53	0-64	
DHMR	II	18 09 20 25.8-1.1	11.71N	43.05E	13-10	4.3L,3.9s			¶19571260
ISCJB	II	18 09 20 26.6-56	11.59N-06	43.02E-05	10	4.1b,3.9s			
IDC	II	18 09 20 26.2-1.0	11.46N	42.91E	0	4.1,4.0b			
CSEM	II	18 09 20 26.7-27	11.75N	43.02E	0-1	4.5b,4.0b			
NEIC	II	18 09 20 28.1-64	11.52N	42.83E	10	4.5b,4.4L			
ISC	Event type ke.								
DHMR	Error ellipse: s-maj=8.6km s-min=6.2km az=1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=10.5km s-min=4.5km az=100.1.								
IDC	Error ellipse: s-maj=20.0km s-min=8.0km az=37.0.								
CSEM	Event type ke. Error ellipse: s-maj=4.9km s-min=3.7km az=156.0.								
NEIC	Event type se. Error ellipse: s-maj=20.4km s-min=12.0km az=123.0.								
DHMR	II	18 10 13 28.8-96	11.64N	43.16E	7-9	3.7L			¶10231790
DHMR	Error ellipse: s-maj=8.0km s-min=8.2km az=1.0.								
DHMR	II	18 13 57 17.5-1.1	11.63N	43.20E	8-10	3.6L			¶10231792
DHMR	Error ellipse: s-maj=9.4km s-min=9.8km az=1.0.								
DHMR	II	19 19 35 18.5-99	11.65N	43.53E	5-9	3.7L			¶10231814
DHMR	Error ellipse: s-maj=8.3km s-min=8.8km az=1.0.								
ISC	II	21 11 21 15.0-78	11.51N-07	43.11E-06	10	3.7b,3.5s	44	2-64	
CSEM	II	21 11 21 08.1-69	11.38N	42.79E	10	4.3L,3.5s			¶19579168
IDC	II	21 11 21 09.1-1.6	11.19N	42.90E	0	3.7,3.7b			
DHMR	II	21 11 21 12.9-1.5	11.67N	43.02E	12-12	4.3L,3.7b			
ISCJB	II	21 11 21 13.3-78	11.50N-07	43.07E-06	10	3.7b,3.5s			
NEIC	II	21 11 21 14.9-1.0	11.57N	43.14E	10	4.4L,3.5s			
ISC	Event type ke.								
CSEM	Event type ke. Error ellipse: s-maj=13.4km s-min=12.2km az=91.0.								
IDC	Error ellipse: s-maj=57.8km s-min=27.9km az=114.0.								
DHMR	Error ellipse: s-maj=10.7km s-min=8.1km az=1.0.								
ISCJB	Event type ke. Error ellipse: s-maj=12.0km s-min=5.7km az=98.0.								
NEIC	Event type se. Error ellipse: s-maj=28.2km s-min=12.9km az=118.0.								
ISC	II	21 11 51 50.1-67	11.63N-07	43.07E-06					

ISCJB Error ellipse: s-maj=21.6km s-min=7.3km az=125.0.
DHMR Error ellipse: s-maj=41.5km s-min=335.8km az=-1.0.

Table with columns: Station, Date, Time, Azimuth, Magnitude, Duration, etc. Includes entries for (559) Western Gulf of Aden and (567) Zaire.

Table with columns: Station, Date, Time, Azimuth, Magnitude, Duration, etc. Includes entries for (568) Uganda.

ISC Event type se. Error ellipse: s-maj=14.8km s-min=10.6km az=108.0.
ISCJB Event type se. Error ellipse: s-maj=4.9km s-min=4.4km az=172.5.

HRVD Error ellipse: s-maj=1.1km s-min=1.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

Table with columns: Station, Date, Time, Azimuth, Magnitude, Duration, etc. Includes entries for Lake Tanganyika region.

Table with columns: Station, Date, Time, Azimuth, Magnitude, Duration, etc. Includes entries for (568) Uganda.

Table with columns: Station, Date, Time, Azimuth, Magnitude, Duration, etc. Includes entries for Lake Tanganyika region.

Table with columns: Station, Date, Time, Azimuth, Magnitude, Duration, etc. Includes entries for (570) Kenya.

Table with columns: Station, Date, Time, Azimuth, Magnitude, Duration, etc. Includes entries for (572) Lake Tanganyika region.

Table with columns: Station, Date, Time, Azimuth, Magnitude, Duration, etc. Includes entries for (572) Lake Tanganyika region.

Table with columns: Station, Date, Time, Azimuth, Magnitude, Duration, etc. Includes entries for (572) Lake Tanganyika region.

Table with columns: Station, Date, Time, Azimuth, Magnitude, Duration, etc. Includes entries for (572) Lake Tanganyika region.

Table with columns: Station, Date, Time, Azimuth, Magnitude, Duration, etc. Includes entries for (572) Lake Tanganyika region.

Table with columns: Station, Date, Time, Azimuth, Magnitude, Duration, etc. Includes entries for (573) Tanzania.

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Table with columns: Station, Date, Time, Azimuth, Magnitude, Duration, etc. Includes entries for (573) Tanzania.

Table with columns: Station, Date, Time, Azimuth, Magnitude, Duration, etc. Includes entries for (573) Tanzania.

ISC	III	05 01 58 23.8-3.1	21.49S-07	33.22E-07	14-21	4.1b,2.9s	34	3-150	
ISCJB	III	05 01 58 20.9-66	21.45S-08	33.22E-07	10	4.1b,2.9s			
IDC	III	05 01 58 21.8-1.3	21.47S	33.25E	0	4.2,4.1			
NEIC	III	05 01 58 23.8-72	21.40S	33.28E	10	4.4b,4.1			
PRE	III	05 01 58 24.4-50	22.43S	33.68E	5-0	4.4L,4.1			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=12.9km s-min=7.5km az=108.6.								
IDC	Error ellipse: s-maj=28.9km s-min=19.9km az=160.0.								
NEIC	Event type se. Error ellipse: s-maj=16.8km s-min=11.4km az=146.0.								
PRE	Error ellipse: s-maj=9.8km s-min=5.6km az=1.0.								
ISC	III	19 16 23 43.9-28	21.59S-04	33.36E-05	14	4.8s,4.8b	120	5-150	
SZGRF	III	19 16 23 30.6	24.23S	32.21E	14	4.8b,4.8b			
PRE	III	19 16 23 37.9-1.5	21.38S	33.58E	5-0	5.8L,4.8b			
IDC	III	19 16 23 41.6-85	21.57S	33.40E	0	4.6L,4.5			
ISCJB	III	19 16 23 41.8-29	21.62S-05	33.33E-05	13	4.8s,4.8b			
NEIC	III	19 16 23 42.9-34	21.72S	33.56E	12	4.9b,4.8b			
MOS	III	19 16 23 42.2-1.0	21.43S	33.34E	10	5.0b,4.8b			
HRVD	III	19 16 23 42.9-60	21.29S	33.37E	16-2	4.8W,4.8b			
BJJ	III	19 16 23 42.8	21.70S	33.60E	12	5.3s,5.3b			
ISC Event type fe.									
SZGRF	Mozambique.								
PRE	Error ellipse: s-maj=15.4km s-min=17.6km az=1.0.								
IDC	Error ellipse: s-maj=22.1km s-min=14.2km az=157.0.								
ISCJB	Event type fe. Error ellipse: s-maj=8.3km s-min=4.0km az=95.6.								
NEIC	Event type fe. Error ellipse: s-maj=11.1km s-min=6.9km az=139.0. First of 3 events about 3 minutes apart.								
MOS	Error ellipse: s-maj=15.2km s-min=8.2km az=90.9.								
HRVD	Error ellipse: s-maj=5.6km s-min=10.0km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s11,c10; Mantle waves: s32,c44; Half duration: 0 Moment tensor; Scale 10 ¹⁶ Nm; Mr=0.89±.13; Mw=0.01±.16; Mww=0.87±.16; Mw1.23±.78; Mw=1.06±.11; Mw=0.40±.50; Best double couple: NP1:φ=179.00000°; λ=31.00000°; NP2:φ=290.00000°; λ=135.00000°; Principal axes: T: 1.6560,Plg11.0000°; Azm50.0000°; N: 0.4040,Plg41.0000°; Azm31.0000°; P: -2.0610,Plg47.0000°; Azm152.0000°; M: 1.85900×10 ¹⁶								
ISC	III	19 16 26 44.5-85	21.25-20	33.6E-10	10	4.6s,4.2b	20	8-150	
ISCJB	III	19 16 26 43.0-85	21.15-20	33.5E-10	10	4.6s,4.2b			
BJJ	III	19 16 26 42.5	21.10S	33.36E	15	5.2s,5.2b			
IDC	III	19 16 26 42.2-1.6	21.22S	33.62E	0	4.3,4.2b			
NEIC	III	19 16 26 44.4-1.2	21.13S	33.37E	14	4.2b,4.2b			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=25.5km s-min=18.1km az=143.8.								
IDC	Error ellipse: s-maj=49.7km s-min=31.0km az=135.0.								
NEIC	Event type se. Error ellipse: s-maj=50.2km s-min=29.5km az=127.0.								
ISC	III	15 11 52 55.2-17	21.20S-03	33.48E-04	18	5.1b,4.9s	409	5-152	
PRE	III	15 11 52 49.5-1.6	20.74S	33.15E	5-0	5.8L,4.9s			
BJJ	III	15 11 52 52.5	20.76S	33.40E	8	5.4b,5.3s			
IDC	III	15 11 52 52.4-4.7	21.10S	33.39E	0	5.0L,4.8			
ISCJB	III	15 11 52 53.1-18	21.18S-03	33.51E-04	17	5.1b,4.9s			
MOS	III	15 11 52 53.1-97	20.95S	33.56E	10	5.5b,4.6s			
NEIC	III	15 11 52 54.1-24	21.19S	33.53E	10	5.3b,4.9s			
HRVD	III	15 11 52 54.1-20	20.93S	33.35E	12	5.1W,4.9s			
SZGRF	III	15 11 53 04.4	19.66S	33.26E	33	5.4b,4.6s			
ISC Event type fe.									
PRE	Error ellipse: s-maj=12.2km s-min=14.8km az=1.0.								
IDC	Error ellipse: s-maj=16.1km s-min=10.8km az=102.0.								
ISCJB	Event type fe. Error ellipse: s-maj=5.9km s-min=4.0km az=61.3.								
MOS	Error ellipse: s-maj=14.1km s-min=4.7km az=100.1.								
NEIC	Event type fe. Error ellipse: s-maj=8.3km s-min=6.4km az=98.0. Felt at Beira, Manica, Maputo and Sofala. Also felt at Mutema, Zimbabwe.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s42,c56; Mantle waves: s80,c121; Half duration: 0 Moment tensor; Scale 10 ¹⁶ Nm; Mr=3.85±.17; Mw=0.03±.17; Mww=3.83±.14; Mw1.03±.39; Mw=3.17±.14; Mw=0.73±.44; Best double couple: NP1:φ=314.00000°; λ=114.00000°; NP2:φ=166.00000°; λ=85.00000°; Principal axes: T: 5.6460,Plg3.0000°; Azm241.0000°; N: -1.5610,Plg17.0000°; Azm332.0000°; P: -4.0780,Plg73.0000°; Azm142.0000°; M: 4.86200×10 ¹⁶								
SZGRF	Mozambique.								
ISC	III	25 10 19 10.6-53	21.01S-05	33.15E-05	10	4.3b	49	4-150	
PRE	III	25 10 19 08.1-1.2	20.67S	32.79E	5-0	5.1L			
ISCJB	III	25 10 19 09.2-56	21.04S-05	33.07E-06	10	4.3b			
IDC	III	25 10 19 09.8-76	21.06S	33.13E	0	4.6L,4.5			
NEIC	III	25 10 19 11.3-61	21.05S	33.13E	10	4.5b,4.5			
ISC Event type se.									
PRE	Error ellipse: s-maj=14.9km s-min=18.7km az=1.0.								
ISCJB	Event type se. Error ellipse: s-maj=8.5km s-min=6.6km az=66.2.								
IDC	Error ellipse: s-maj=21.2km s-min=15.5km az=21.0.								
NEIC	Event type se. Error ellipse: s-maj=14.7km s-min=13.0km az=114.0.								
ISC	III	26 10 21 39.1-71	21.29S-05	33.22E-07	10	3.9b	23	4-150	
PRE	III	26 10 21 36.8-1.7	20.99S	32.84E	5-0	4.7L			
ISCJB	III	26 10 21 37.4-72	21.29S-05	33.13E-07	10	3.9b			
IDC	III	26 10 21 39.5-1.5	20.99S	33.75E	0	4.0,3.9			
NEIC	III	26 10 21 39.1-63	21.31S	33.25E	10	4.2b,3.9			
ISC Event type se.									
PRE	Error ellipse: s-maj=20.6km s-min=26.1km az=1.0.								
ISCJB	Event type se. Error ellipse: s-maj=9.4km s-min=6.7km az=45.0.								
IDC	Error ellipse: s-maj=64.5km s-min=36.9km az=31.0.								
NEIC	Event type se. Error ellipse: s-maj=15.1km s-min=10.6km az=145.0.								
ISC	III	27 14 56 25.6-52	21.33S-06	33.34E-06	10	4.0b,3.4s	39	5-150	
ISCJB	III	27 14 56 23.7-58	21.33S-06	33.26E-06	10	4.0b,3.4s			
IDC	III	27 14 56 24.1-89	21.37S	33.32E	0	4.5L,4.3			
NEIC	III	27 14 56 25.4-56	21.36S	33.37E	10	4.5b,4.3			
PRE	III	27 14 56 30.7-1.6	21.26S	32.63E	5-0	4.4L,4.3			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=9.9km s-min=6.2km az=83.8.								
IDC	Error ellipse: s-maj=21.8km s-min=14.3km az=152.0.								
NEIC	Event type se. Error ellipse: s-maj=13.9km s-min=9.0km az=149.0.								
PRE	Error ellipse: s-maj=20.3km s-min=28.7km az=1.0.								
PRE	III	09 15 21 51.2-1.4	21.87S	33.38E	5-0	4.7L			
PRE	III	13 22 21 31.4-2.1	21.24S	33.59E	5-0	4.3L			
PRE	Error ellipse: s-maj=35.6km s-min=51.3km az=1.0.								
PRE	III	15 07 31 49.2-1.6	21.20S	33.16E	5-0	5.1L			
PRE	Error ellipse: s-maj=14.5km s-min=17.0km az=1.0.								
ISC	VI	08 06 17 25.8-24	21.35S-04	33.18E-04	12	4.7b,4.1s	127	4-153	
PRE	VI	08 06 17 21.0-1.7	20.63S	32.65E	5-0	5.4L,4.1s			
ISCJB	VI	08 06 17 23.8-24	21.35S-04	33.15E-04	11	4.7b,4.1s			
IDC	VI	08 06 17 24.1-57	21.29S	33.36E	0	4.5L,4.5			
MOS	VI	08 06 17 24.3-1.3	21.28S	33.38E	10	4.9b,4.5			
BJJ	VI	08 06 17 25.3	21.40S	33.40E	9	5.4b,5.2b			
HRVD	VI	08 06 17 25.3-60	21.61S	33.59E	20-1	4.8W,5.2b			
NEIC	VI	08 06 17 25.3-27	21.35S	33.42E	9	4.9b,5.2b			
SZGRF	VI	08 06 17 28.9	20.94S	34.36E	33	4.7b,5.2b			
ISC Event type se.									
PRE	Error ellipse: s-maj=11.9km s-min=12.0km az=1.0.								
ISCJB	Event type se. Error ellipse: s-maj=7.2km s-min=4.2km az=87.2.								
IDC	Error ellipse: s-maj=18.0km s-min=15.7km az=82.0.								
MOS	Error ellipse: s-maj=13.8km s-min=8.5km az=84.0.								
HRVD	Error ellipse: s-maj=6.7km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s11,c11; Mantle waves: s35,c38; Half duration: 0 Moment tensor; Scale 10 ¹⁶ Nm; Mr=1.75±.23; Mw=0.83±.14; Mww=0.92±.15; Mw1.0±.26±.27; Mw=0.96±.10; Mw=0.59±.31; Best double couple: NP1:φ=120.00000°; λ=116.00000°; NP2:φ=333.00000°; λ=82.00000°; Principal axes: T: 1.8580,Plg4.0000°; Azm48.0000°; N: 0.0940,Plg17.0000°; Azm139.0000°; P: -1.9540,Plg72.0000°; Azm305.0000°; M: 1.90600×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=9.3km s-min=6.8km az=144.0.								

SZGRF	Mozambique.								
ISC	VI	08 09 40 21.0-61	21.50S-04	33.31E-06	10	4.0b,3.8s	49	5-150	
ISCJB	VI	08 09 40 18.9-61	21.51S-04	33.27E-06	10	4.0b,3.8s			
PRE	VI	08 09 40 18.5-1.4	21.42S	33.45E	5-0	5.0L,3.8s			
NEIC	VI	08 09 40 19.8-1.7	21.42S	33.39E	10	5.0L,3.8s			
IDC	VI	08 09 40 20.4-84	21.22S	33.31E	0	4.3L,4.2			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=8.7km s-min=5.3km az=64.4.								
PRE	Error ellipse: s-maj=10.1km s-min=9.7km az=1.0.								
NEIC	Event type se. Error ellipse: s-maj=28.6km s-min=12.7km az=110.0.								
IDC	Error ellipse: s-maj=22.1km s-min=17.7km az=9.0.								
ISC	VI	11 10 30 16.8-47	21.50S-05	33.22E-05	10	3.9b,3.9s	47	5-150	
ISCJB	VI	11 10 30 14.9-50	21.47S-05	33.14E-05	10	3.9b,3.9s			
PRE	VI	11 10 30 14.8-1.6	21.44S	33.27E	5-0	4.8L,3.9s			
BJJ	VI	11 10 30 14.9	21.40S	33.30E	10	5.4b,4.6s			
IDC	VI	11 10 30 15.9-82	21.36S	33.25E	0	4.6L,4.4			
NEIC	VI	11 10 30 16.9-63	21.38S	33.25E	10	4.2b,4.4			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=8.2km s-min=5.6km az=111.3.								
PRE	Error ellipse: s-maj=10.6km s-min=10.3km az=1.0.								
IDC	Error ellipse: s-maj=21.3km s-min=15.9km az=4.0.								
NEIC	Event type se. Error ellipse: s-maj=15.0km s-min=11.0km az=163.0.								
ISC	VI	13 07 29 20.1-1.0	21.58S-07	32.70E-10	10	4.2b,3.9s	16	6-81	
PRE	VI	13 07 29 12.2-1.2	21.17S	32.92E	5-0	4.7L,3.9s			
ISCJB	VI	13 07 29 17.8-1.0	21.59S-07	32.64E-10	10	4.2b,3.9s			
IDC	VI	13 07 29 17.6-5.0	21.65S	32.95E	0	4.2L,4.0			
PRE	Error ellipse: s-maj=8.3km s-min=7.5km az=1.0.								
ISCJB	Error ellipse: s-maj=14.1km s-min=7.8km az=61.2.								
IDC	Error ellipse: s-maj=114.7km s-min=24.1km az=120.0.								
ISC	III	05 02 12 20.9-66	21.42S-09	33.44E-08	10	3.9b	26	8-150	
ISCJB	III	05 02 12 18.5-66	21.41S-09	33.44E-08	10	3.9b			
IDC	III	05 02 12 19.6-95	21.38S	33.52E	0	4.3,4.3			
NEIC	III	05 02 12 20.9-64	21.40S	33.46E	10	4.5b,4.3			
ISC Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=14.3km s-min=9.7km az=110.5.								
IDC	Error ellipse: s-maj=26.7km s-min=20.0km az=142.0.								
NEIC	Event type se. Error ellipse: s-maj=15.8km s-min=10.2km az=145.0.								
ISC	VI	30 01 07 27.2-21	21.26S-03	33.21E-05	10	4.9b,4.5s	351	4-151	
PRE	VI	30 01 07 24.5-1.4	20.86S	32.58E	5-0	6.			

PRE Error ellipse: s-maj=14.9km s-min=12.1km az=1.0.
 ISCJB Event type se. Error ellipse: s-maj=13.3km s-min=8.5km az=97.5.
 IDC Error ellipse: s-maj=30.5km s-min=27.7km az=172.0.
 NEIC Event type se. Error ellipse: s-maj=19.6km s-min=12.8km az=150.0.
 PRE II 27 08 44 47.3-1.6 22.01S 34.21E 5-0 4.4L ¶19258702

PRE Error ellipse: s-maj=26.4km s-min=17.3km az=1.0.
 PRE II 27 18 03 47.6-1.4 22.20S 33.63E 5-0 4.5L ¶19258708

PRE Error ellipse: s-maj=19.8km s-min=13.4km az=1.0.
 ISC II 28 00 42 06.2-69 21.81S-10 33.4E-10 10 3.7b 39 3-134
 PRE II 28 00 42 01.0-1.7 22.03S 33.89E 5-0 5.2L ¶19258714
 ISCJB II 28 00 42 03.7-70 21.80S-10 33.36E-10 10 3.7b
 NEIC II 28 00 42 04.9-97 21.21S 33.23E 10 4.9b
 IDC II 28 00 42 10.1-1.8 21.23S 32.60E 0 4.3,4.3
 ISC Event type se.
 PRE Error ellipse: s-maj=18.7km s-min=13.6km az=1.0.
 ISCJB Event type se. Error ellipse: s-maj=18.1km s-min=6.4km az=92.5.
 NEIC Event type se. Error ellipse: s-maj=16.9km s-min=12.3km az=155.0.
 IDC Error ellipse: s-maj=27.8km s-min=18.3km az=119.0.
 ISC II 28 03 57 34.3-3.1 21.84S-06 33.50E-09 11-22 4.1b,2.8s 38 3-134
 PRE II 28 03 57 28.6-1.2 21.18S 33.29E 5-0 4.9L,2.8s ¶19258718
 ISCJB II 28 03 57 33.5-2.7 21.85S-06 33.49E-08 26-23 4.1b,2.8s
 IDC II 28 03 57 34.1-1.5 21.52S 33.49E 0 4.2,4.2
 NEIC II 28 03 57 35.2-68 21.52S 33.50E 10 4.6b,4.2
 ISC Event type se.
 PRE Error ellipse: s-maj=14.4km s-min=12.4km az=1.0.
 ISCJB Event type se. Error ellipse: s-maj=14.4km s-min=7.8km az=70.3.
 IDC Error ellipse: s-maj=34.7km s-min=24.1km az=132.0.
 NEIC Event type se. Error ellipse: s-maj=14.5km s-min=9.9km az=147.0.
 PRE II 28 04 59 38.6-1.2 22.00S 32.96E 5-0 4.1L ¶19258719

PRE Error ellipse: s-maj=15.8km s-min=11.7km az=1.0.
 PRE II 28 05 25 31.9-9.1 21.70S 33.89E 5-0 4.4L ¶19258720

PRE Error ellipse: s-maj=28.4km s-min=20.0km az=1.0.
 PRE V 11 16 51 02.3-1.5 21.22S 33.00E 5-0 3.5L ¶19261517

PRE Error ellipse: s-maj=13.1km s-min=13.1km az=1.0.
 PRE V 12 17 33 08.6-1.0 21.21S 33.37E 5-0 4.7L ¶19261542

PRE Error ellipse: s-maj=6.7km s-min=6.6km az=1.0.
 PRE V 16 15 44 02.5-1.2 21.21S 33.35E 5-0 4.5L ¶19261621

PRE Error ellipse: s-maj=9.7km s-min=8.9km az=1.0.
 PRE V 17 02 08 30.6-1.7 20.92S 33.33E 5-0 5.0L ¶19261634

PRE Error ellipse: s-maj=12.5km s-min=11.7km az=1.0.
 PRE V 19 03 39 01.6-81 21.37S 32.84E 5-0 3.6L ¶19261674

PRE Error ellipse: s-maj=6.9km s-min=6.8km az=1.0.
 PRE V 19 21 10 34.1-1.6 21.54S 33.12E 5-0 3.5L ¶19261681

PRE Error ellipse: s-maj=13.1km s-min=13.2km az=1.0.
 PRE V 20 01 09 47.8-1.5 21.78S 33.15E 5-0 3.7L ¶19261694

PRE Error ellipse: s-maj=9.6km s-min=10.3km az=1.0.
 PRE V 21 12 59 30.4-1.4 21.63S 33.39E 5-0 3.8L ¶19261717

PRE Error ellipse: s-maj=10.8km s-min=10.6km az=1.0.
 PRE V 24 19 13 44.5-64 21.26S 33.11E 5-0 3.7L ¶19261779

PRE Error ellipse: s-maj=5.4km s-min=5.5km az=1.0.
 PRE V 31 01 52 54.8-1.4 21.18S 33.35E 5-0 3.6L ¶19261915

PRE Error ellipse: s-maj=9.4km s-min=9.1km az=1.0.
 PRE V 27 21 35 31.9-1.1 21.28S 32.93E 5-0 3.5L ¶19261841

PRE Error ellipse: s-maj=8.1km s-min=7.7km az=1.0.
 ISC V 10 03 05 10.7-62 21.01S-05 32.91E-06 10 4.2s,4.0b 42 4-133
 ISCJB V 10 03 05 09.1-62 21.11S-06 32.88E-06 10 4.2s,4.0b ¶19131135
 IDC V 10 03 05 09.1-82 21.01S 33.15E 0 4.3L,4.3s
 NEIC V 10 03 05 10.0-61 21.03S 33.17E 10 4.1b,4.3s
 PRE V 10 03 05 09.8-1.1 20.68S 32.38E 5-0 4.9L,4.3s
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=9.1km s-min=7.8km az=140.0.
 IDC Error ellipse: s-maj=21.1km s-min=17.2km az=6.0.
 NEIC Event type se. Error ellipse: s-maj=14.5km s-min=10.4km az=172.0.
 PRE Error ellipse: s-maj=14.5km s-min=16.0km az=1.0.
 ISC V 12 18 12 18.9-21 21.31S-03 33.26E-04 20 4.7b,4.2s 222 5-151
 MOS V 12 18 12 15.9-79 21.19S 33.36E 10 4.8b,4.2s ¶18338890
 IDC V 12 18 12 16.0-48 21.24S 33.45E 0 5.1L,4.6
 PRE V 12 18 12 16.1-1.6 20.95S 32.65E 5-0 5.8L,4.6
 ISCJB V 12 18 12 16.9-21 21.30S-03 33.22E-04 19 4.7b,4.2s
 HRVD V 12 18 12 18.9-40 21.25S 33.38E 29-1 4.9W,4.2s
 BJI V 12 18 12 18.9 21.30S 33.40E 20 5.6b,5.0s
 NEIC V 12 18 12 18.9-19 21.29S 33.45E 20 4.8b,5.0s
 SZGRF V 12 18 12 22.5 21.13S 32.78E 33 4.7b,5.0s
 ISC Event type se.
 MOS Error ellipse: s-maj=13.5km s-min=6.2km az=99.6.
 IDC Error ellipse: s-maj=17.9km s-min=13.6km az=86.0.
 PRE Error ellipse: s-maj=9.0km s-min=9.1km az=1.0.
 ISCJB Event type se. Error ellipse: s-maj=6.1km s-min=3.8km az=54.6.
 HRVD Error ellipse: s-maj=4.4km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s24,c27; Mantle waves: s52,c71; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_{rr}-3.03±.22; M_{θθ}0.65±.15; M_{φφ}2.37±.17; M_{rr}-0.29±.22; M_{θθ}1.28±.10; M_{φφ}-0.57±.23; Best double couple: NP1:λ=142.00000°; λ=104.00000°; NP2:λ=342.00000°; λ=849.00000°; λ=77.00000°. Principal axes: T 3.0750,Plg4.0000°; Azm63.0000°; N 0.0600,Plg10.0000°; Azm153.0000°; P -3.1420,Plg80.0000°; Azm313.0000°; M₀3.10900×10¹⁶

NEIC Event type se. Error ellipse: s-maj=6.8km s-min=5.2km az=92.0.
 SZGRF Mozambique.
 ISC V 15 13 56 12.2-34 21.52S-04 33.35E-05 10 4.3b,4.0s 77 5-151
 CSEM V 15 13 56 09.9 21.42S 33.28E 10 5.5b,4.0s ¶18339017
 PRE V 15 13 56 09.4-1.2 21.39S 33.44E 5-0 5.0L,4.0s
 MOS V 15 13 56 10.9-1.6 21.44S 33.38E 10 4.9b,4.0s
 ISCJB V 15 13 56 10.5-35 21.49S-05 33.27E-05 10 4.3b,0.0s
 IDC V 15 13 56 11.4-66 21.42S 33.54E 0 4.4,4.3L
 NEIC V 15 13 56 12.9-39 21.43S 33.48E 10 4.6b,4.3L
 ISC Event type se.
 PRE Error ellipse: s-maj=9.9km s-min=9.5km az=1.0.
 MOS Error ellipse: s-maj=16.6km s-min=10.6km az=87.2.
 ISCJB Event type se. Error ellipse: s-maj=7.7km s-min=5.4km az=84.5.
 IDC Error ellipse: s-maj=20.3km s-min=17.4km az=72.0.
 NEIC Event type se. Error ellipse: s-maj=11.6km s-min=10.7km az=125.0.
 ISC V 14 08 12 19.5-2.6 21.20S-05 33.22E-06 9-17 4.1b 32 4-150
 PRE V 14 08 12 13.6-1.2 20.87S 33.29E 5-0 5.1L ¶19131407
 ISCJB V 14 08 12 17.5-2.2 21.24S-05 33.21E-06 9-15 4.1b
 IDC V 14 08 12 19.4-1.5 21.07S 33.22E 0 4.3,4.2L
 NEIC V 14 08 12 20.4-68 21.12S 33.20E 10 4.5b,4.2L
 ISC Event type se.
 PRE Error ellipse: s-maj=9.0km s-min=8.7km az=1.0.
 ISCJB Event type se. Error ellipse: s-maj=9.8km s-min=8.0km az=84.5.
 IDC Error ellipse: s-maj=38.0km s-min=23.5km az=169.0.
 NEIC Event type se. Error ellipse: s-maj=20.2km s-min=11.1km az=167.0.
 ISC V 27 05 33 26.2-1.1 21.30S-06 32.95E-09 10 3.7b 36 4-91
 IDC V 27 05 33 23.4-1.6 21.38S 33.14E 0 4.1L,4.1 ¶19132158
 ISCJB V 27 05 33 24.1-1.1 21.28S-06 32.89E-09 10 3.7b,4.1
 NEIC V 27 05 33 24.4-1.4 21.33S 33.18E 10 4.3b,4.1
 PRE V 27 05 33 26.7-1.1 20.94S 32.17E 5-0 4.1L,4.1

ISC Event type se.
 IDC Error ellipse: s-maj=26.9km s-min=23.5km az=173.0.
 ISCJB Event type se. Error ellipse: s-maj=12.2km s-min=8.6km az=12.4.
 NEIC Event type se. Error ellipse: s-maj=19.8km s-min=16.1km az=82.0.
 PRE Error ellipse: s-maj=6.8km s-min=6.7km az=1.0.
 PRE V 20 21 42 28.4-1.3 21.07S 33.29E 5-0 3.6L ¶19261698

PRE Error ellipse: s-maj=10.1km s-min=10.1km az=1.0.
 PRE VI 30 10 52 10.5-1.6 21.34S 32.61E 5-0 4.4L ¶19262517

PRE Error ellipse: s-maj=11.2km s-min=10.3km az=1.0.
 PRE VI 19 15 13 10.6-2.0 21.19S 33.24E 5-0 4.4L ¶19262297

PRE Error ellipse: s-maj=16.2km s-min=15.5km az=1.0.
 PRE VI 17 21 26 55.0-1.4 21.11S 33.37E 5-0 4.4L ¶19262259

PRE Error ellipse: s-maj=10.2km s-min=9.4km az=1.0.
 PRE VI 17 02 36 47.4-85 22.18S 32.82E 5-0 3.9L ¶19262254

PRE Error ellipse: s-maj=6.9km s-min=6.1km az=1.0.
 PRE VI 13 05 23 38.1-1.7 21.92S 32.39E 5-0 3.9L ¶19262175

PRE Error ellipse: s-maj=11.8km s-min=10.4km az=1.0.
 PRE VI 11 21 46 14.8-1.1 21.20S 32.77E 5-0 3.5L ¶19262138

PRE Error ellipse: s-maj=8.8km s-min=7.5km az=1.0.
 PRE VI 06 19 21 16.4-1.3 21.15S 33.01E 5-0 4.2L ¶19262038

PRE Error ellipse: s-maj=10.8km s-min=9.6km az=1.0.
 PRE VI 04 21 50 34.4-1.3 21.29S 32.84E 5-0 4.2L ¶19262000

PRE Error ellipse: s-maj=8.9km s-min=9.3km az=1.0.
 PRE VI 01 13 59 08.5-1.2 21.66S 32.43E 5-0 4.1L ¶19261940

PRE Error ellipse: s-maj=7.6km s-min=7.0km az=1.0.
 PRE III 31 00 21 35.9-84 20.90S 33.06E 5-0 4.6L ¶10614020

PRE Error ellipse: s-maj=6.1km s-min=6.2km az=1.0.
 ISC IV 14 18 41 39.6-16 21.39S-03 33.66E-03 27 5.2b,4.8s 539 5-153
 PRE IV 14 18 41 31.4-1.6 21.28S 33.76E 5-0 6.5L,4.8s ¶18320540
 IDC IV 14 18 41 35.5-39 21.29S 33.63E 0 5.1,5.1L
 MOS IV 14 18 41 35.8-80 21.21S 33.75E 10 5.5b,4.6s
 SZGRF IV 14 18 41 36.9 21.33S 34.91E 33 5.4b,4.6s
 ISCJB IV 14 18 41 37.5-17 21.36S-03 33.67E-04 26 5.2b,4.8s
 BJI IV 14 18 41 38.4 21.40S 33.70E 26 5.6b,5.4b
 NEIC IV 14 18 41 39.5-14 21.41S 33.65E 26 5.3b,4.8s
 HRVD IV 14 18 41 39.5-20 21.27S 33.57E 30-0 5.2W,4.8s
 ISC Event type fe.
 PRE Error ellipse: s-maj=13.1km s-min=13.9km az=1.0.
 IDC Error ellipse: s-maj=13.1km s-min=11.1km az=69.0.
 MOS Error ellipse: s-maj=12.0km s-min=3.9km az=99.6.
 SZGRF Mozambique.
 ISCJB Event type fe. Error ellipse: s-maj=4.8km s-min=4.3km az=170.8.
 NEIC Event type fe. Error ellipse: s-maj=5.2km s-min=3.9km az=83.0. Felt at Beira, Maputo and Namaacha.
 HRVD Error ellipse: s-maj=1.1km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s62,c89; Mantle waves: s80,c125; Half duration: 1.0 Moment tensor: Scale 10¹⁷Nm; M_{rr}-0.63±.02; M_{θθ}0.07±.02; M_{φφ}0.70±.01; M_{rr}-0.20±.03; M_{θθ}0.06±.01; M_{φφ}0.29±.02; Best double couple: NP1:λ=22.00000°; λ=837.00000°; λ=61.00000°; NP2:λ=167.00000°; λ=59.00000°; λ=110.00000°. Principal axes: T 0.7600,Plg11.0000°; Azm271.0000°; N -0.0040,Plg17.0000°; Azm178.0000°; P -0.7570,Plg69.0000°; Azm34.0000°; M₀0.75800×10¹⁷

PRE IV 03 13 49 16.4-1.0 21.10S 32.89E 5-0 3.9L ¶19259458

PRE Error ellipse: s-maj=8.7km s-min=8.6km az=1.0.
 PRE IV 04 19 06 22.9-78 21.74S 32.64E 5-0 3.8L ¶19259478

PRE Error ellipse: s-maj=6.1km s-min=6.4km az=1.0.
 PRE IV 07 08 35 44.5-1.6 21.31S 33.49E 5-0 4.9L ¶19260816

PRE Error ellipse: s-maj=12.0km s-min=12.5km az=1.0.
 PRE IV 09 12 29 48.9-96 21.49S 32.67E 5-0 4.0L ¶19260860

PRE Error ellipse: s-maj=8.6km s-min=9.8km az=1.0.
 ISC IV 04 02 13 27.1-2.4 21.21S-04 33.28E-05 6-15 4.5b,3.7s 165 5-151
 PRE IV 04 02 13 20.8-1.9 20.97S 33.62E 5-0 5.8L,3.7s ¶18228755
 ISCJB IV 04 02 13 25.5-2.2 21.18S-04 33.20E-05 7-14 4.5b,3.7s
 MOS IV 04 02 13 26.9-2.5 21.34S 33.16E 10 4.7b,3.7s
 NEIC IV 04 02 13 27.8-36 21.26S 33.33E 10 4.6b,3.7s
 IDC IV 04 02 13 28.2-66 21.40S 33.14E 0 4.8L,4.5
 SZGRF IV 04 02 13 40.7 19.80S 34.98E 33 4.7b,4.5
 ISC Event type se.
 PRE Error ellipse: s-maj=13.8km s-min=13.9km az=1.0.
 ISCJB Event type se. Error ellipse: s-maj=8.8km s-min=5.7km az=85.2.
 MOS Error ellipse: s-maj=13.4km s-min=7.5km az=89.7.
 NEIC Event type se. Error ellipse: s-maj=12.7km s-min=9.4km az=116.0.
 IDC Error ellipse: s-maj=22.1km s-min=14.1km az=106.0.
 SZGRF Mozambique.

(582) Mozambique Channel.
 ISC VI 10 01 44 38.3-44 15.39S-07 41.09E-07 10 4.1b 37 7-88
 ISCJB VI 10 01 44 36.3-45 15.38S-07 41.07E-07 10 4.1b ¶19221722
 IDC VI 10 01 44 36.5-63 15.38S 41.19E 0 4.2L,4.1b
 NEIC VI 10 01 44 37.9-45 15.42S 41.11E 10 4.5b,4.1b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=10.6km s-min=9.2km az=86.1.
 IDC Error ellipse: s-maj=16.6km s-min=15.1km az=134.0.
 NEIC Event type se. Error ellipse: s-maj=10.5km s-min=8.9km az=152.0.
 ISC VI 19 07 52 21.3-48 17.72S-09 41.73E-07 10 4.1b,3.4s 41 5-153
 ISCJB VI 19 07 52 19.5-48 17.71S-09 41.73E-07 10 4.1b,3.4s ¶18495618
 IDC VI 19 07 52 19.7-71 17.74S 41.73E 0 4.1,4.1
 MOS VI 19 07 52 21.5-20 17.54S 41.9E 10 4.7b,4.1
 NEIC VI 19 07 52 22.1-59 17.76S 41.69E 10 4.2b,4.1
 BJI VI 19 07 52 22.0 17.80S 41.70E 10 4.2s,4.1s
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.8km s-min=9.3km az=130.6.
 IDC Error ellipse: s-maj=20.7km s-min=16.7km az=163.0.
 MOS Error ellipse: s-maj=18.0km s-min=14.8km az=50.4.
 NEIC Event type se. Error ellipse: s-maj=17.1km s-min=12.0km az=164.0.
 ISC VI 24 10 22 10.8-29 17.68S-05 41.79E-05 10 4.7b,4.0s 243 5-154
 BJI VI 24 10 22 07.5 17.70S 41.80E 1 5.2b,4.8s ¶18495923
 ISCJB VI 24 10 22 08.9-29 17.66S-05 41.83E-05 10 4.7b,4.0s
 SZGRF VI 24 10 22 09.1 18.09S 42.00E 33 4.8b,4.0s
 MOS VI 24 10 22 09.0-68 17.65S 41.79E 10 5.0b,4.0s
 HRVD VI 24 10 22 09.1-40 17.50S 41.67E 18-1 4.8W,4.0s
 NEIC VI 24 10 22 09.1-2.5 17.72S 41.83E 1-15 5.0b,4.0s
 IDC VI 24 10 22 09.0-53 17.67S 41.80E 0 4.4,4.3
 LDG VI 24 10 22 12.3-34 16.95S 42.01E 10-0 5.0b,3.8s
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=7.6km s-min=6.8km az=73.2.
 SZGRF Mozambique Channel.
 MOS Error ellipse: s-maj=12.5km s-min=5.3km az=101.8.
 HRVD Error ellipse: s-maj=3.3km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s9,c11; Mantle waves: s40,c49; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_{rr}-1.75±.21; M_{θθ}0.01±.12; M_{φφ}1.77±.15; M_{rr}0.40±.35; M_{θθ}-0.41±.09; M_{φφ}0.70±.30; Best double couple: NP1:λ=332.00000°; λ=838.00000°; λ=115.00000°. NP2:λ=183.00000°; λ=56.00000°; λ=72.00000°. Principal axes: T 1.9600,Plg9.0000°; Azm260.0000°; N 0.0410,Plg15.0000°; Azm353.0000°; P -1.9960,Plg72.0000°; Azm139.0000°; M₀1.97800×10¹⁶

NEIC VI 24 04 25 05.7-77 29.20S 33.42E 10 4.4b,3.7s
 PRE VI 24 04 25 07.2-1.3 29.31S 32.98E 5-0 4.2L,3.7s
 IDC VI 24 04 25 07.1-76 28.74S 33.26E 0 4.3,4.2
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=7.9km s-min=6.4km az=151.5.
 NEIC Event type se. Error ellipse: s-maj=14.9km s-min=9.2km az=162.0.
 PRE Error ellipse: s-maj=3.6km s-min=7.4km az=1.0.
 IDC Error ellipse: s-maj=22.4km s-min=18.0km az=56.0.

(744) Mauritania.

IDC VI 18 10 53 16.2-4.1 22.97N 11.55W 0 3.7,3.5b
 Error ellipse: s-maj=117.2km s-min=50.4km az=81.0. **19600149**
 ISC III 08 19 59 56.0-98 22.4N-10 12.9W-10 10 3.9b 28 6-149
 ISCJB III 08 19 59 54.6-99 22.49N-10 12.9W-10 10 3.9b **110599873**
 CSEM III 08 19 59 56.6 22.44N 12.81W 10 4.0b
 NEIC III 08 19 59 56.6-1.0 22.44N 12.81W 10 4.0b
 IDC III 08 20 00 01.3-3.1 22.92N 11.73W 0 4.0b,3.9
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=21.7km s-min=6.7km az=103.7.
 CSEM After NEIC.
 NEIC Event type se. Error ellipse: s-maj=22.8km s-min=11.4km az=62.0.
 IDC Error ellipse: s-maj=108.3km s-min=34.6km az=79.0.
 IDC II 11 18 26 00.1-30 23.32N 10.55W 0 3.6,3.6 **19570525**

IDC Error ellipse: s-maj=787.4km s-min=54.8km az=66.0.
 IDC V 04 17 23 08.2-3.3 22.73N 12.02W 0 3.7b,3.6 **19598471**
 IDC Error ellipse: s-maj=116.7km s-min=62.7km az=70.0. **19598471**

(747) Guinea region.

IDC I 25 11 28 15.0-2.3 9.52N 8.91W 0 4.1,4.0L **19485837**
 IDC Error ellipse: s-maj=56.6km s-min=25.3km az=48.0.

SEISMIC REGION 38. Australia.

(588) Northwest of Australia.

ISC V 15 13 41 12.1-1.3 13.1S-10 114.6E-10 10 3.6b 13 12-66
 ISCJB V 15 13 41 09.9-1.2 13.1S-10 114.4E-10 10 3.6b **19598909**
 IDC V 15 13 41 10.6-1.6 12.90S 114.42E 0 4.1L,4.0
 ISCJB Error ellipse: s-maj=22.7km s-min=17.0km az=73.6.
 IDC Error ellipse: s-maj=55.3km s-min=24.6km az=49.0.
 ISC II 01 00 14 13.7-64 13.83S-07 122.74E-09 10 3.8b 22 5-75
 ISCJB II 01 00 14 11.4-65 13.83S-07 122.79E-09 10 3.8b **19569337**
 IDC II 01 00 14 12.0-1.1 13.86S 122.84E 0 4.5L,4.1
 NEIC II 01 00 14 13.5-62 13.80S 122.79E 10 4.3b,4.1
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=13.8km s-min=8.1km az=116.2.
 IDC Error ellipse: s-maj=52.0km s-min=21.6km az=65.0.
 NEIC Event type se. Error ellipse: s-maj=16.0km s-min=10.1km az=63.0.
 IDC V 13 06 18 36.6-4.4 12.32S 115.10E 0 3.5,3.4 **19598839**
 IDC Error ellipse: s-maj=191.4km s-min=22.7km az=47.0.
 ISC V 12 02 20 50.2-58 12.2S-10 115.5E-20 10 4.7b 24 10-118
 ISCJB V 12 02 20 49.3-62 11.9S-20 115.6E-20 10 4.7b **19131276**
 IDC V 12 02 20 51.7-2.6 11.34S 115.86E 0 4.2,4.1b
 NEIC V 12 02 20 51.4-62 11.85S 115.40E 10 4.2b,4.1b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=33.5km s-min=7.8km az=91.8.
 IDC Error ellipse: s-maj=140.6km s-min=22.0km az=47.0.
 NEIC Event type se. Error ellipse: s-maj=29.8km s-min=8.1km az=50.0.

(590) Western Australia.

AUST IV 26 14 24 05.6 17.44S 122.16E 7 3.3L
 NEIC IV 26 14 24 05.0 17.44S 122.16E 7 3.3L **19435449**
 NEIC Event type se. After AUST.
 AUST III 07 01 06 08.2 30.15S 117.14E 2 3.6L
 NEIC III 07 01 06 08.0 30.15S 117.14E 2 3.6L **110598726**
 NEIC Event type se. After AUST.
 AUST III 08 14 29 00.8 23.14S 127.30E 0 2.5L
 NEIC III 08 14 29 00.0 23.14S 127.30E 0 2.5L **110599722**
 NEIC Event type se. After AUST.
 ISC VI 12 22 43 37.7-81 25.03S-05 117.7E-10 10 3.7b 22 2-73
 ISCJB VI 12 22 43 35.0-86 25.03S-06 117.7E-10 10 3.7b **19221879**
 IDC VI 12 22 43 39.8-3.6 24.84S 118.12E 0 4.0,3.9
 NEIC VI 12 22 43 40.0 25.06S 117.56E 2 3.9L,3.9b
 AUST VI 12 22 43 40.1 25.06S 117.56E 2 3.9L,3.9b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=17.2km s-min=5.5km az=42.5.
 IDC Error ellipse: s-maj=100.8km s-min=33.9km az=35.0.
 NEIC Event type se. After AUST.
 ISC VI 06 15 34 09.1-51 25.12S-04 117.84E-05 10 4.1b 83 2-78
 ISCJB VI 06 15 34 07.3-56 25.13S-04 117.87E-06 10 4.1b **19221528**
 IDC VI 06 15 34 08.4-1.5 25.08S 117.82E 0 4.4,4.2L
 AUST VI 06 15 34 10.0 25.03S 117.44E 6 4.5L,4.2L
 NEIC VI 06 15 34 09.0 25.03S 117.44E 6 4.5L,4.1b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=8.1km s-min=4.6km az=52.5.
 IDC Error ellipse: s-maj=30.6km s-min=23.2km az=117.0.
 NEIC Event type se. Felt in the Burringurrah area. After AUST.
 ISC II 16 00 46 09.3-1.1 17.7S-10 122.54E-06 10 3.4b 14 3-74
 ISCJB II 16 00 46 07.2-1.2 17.8S-10 122.58E-06 10 3.4b **19431418**
 IDC II 16 00 46 07.1-2.3 17.62S 122.52E 0 3.8,3.6L
 AUST II 16 00 46 12.0 17.60S 122.49E 15 2.7L,3.6L
 ISCJB Error ellipse: s-maj=15.7km s-min=7.1km az=148.9.
 IDC Error ellipse: s-maj=113.1km s-min=27.3km az=41.0.
 IDC V 17 07 07 51.1-2.3 33.63S 116.39E 0 3.6b,3.6 **19599082**
 IDC Error ellipse: s-maj=99.6km s-min=13.1km az=131.0.
 AUST V 14 09 27 46.0 18.33S 127.31E 0 2.7L
 NEIC V 14 09 27 46.0 18.33S 127.31E 0 2.7L **19131409**
 NEIC Event type se. After AUST.
 ISC VI 03 16 26 58.6-1.3 16.81S-10 121.81E-07 10 3.5b 24 4-23
 ISCJB VI 03 16 26 56.2-1.3 16.8S-10 121.84E-07 10 3.5b **19221401**
 IDC VI 03 16 26 57.4-7.8 17.20S 121.65E 0 3.7,3.6b
 AUST VI 03 16 27 01.9 16.59S 121.71E 24 3.2L,3.6b
 NEIC VI 03 16 27 01.0 16.59S 121.71E 24 3.2L,3.6b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=16.5km s-min=7.1km az=120.9.
 IDC Error ellipse: s-maj=118.3km s-min=65.1km az=173.0.
 NEIC Event type se. After AUST.
 ISC IV 02 08 39 42.9-52 22.37S-04 119.08E-04 10 3.6b 36 1-76
 IDC IV 02 08 39 39.8-1.4 22.35S 118.78E 0 4.3,4.1 **19434932**
 ISCJB IV 02 08 39 40.7-52 22.48S-04 119.06E-04 10 3.6b,4.1
 AUST IV 02 08 39 44.6 22.13S 118.66E 14 4.0L,4.1
 NEIC IV 02 08 39 44.0 22.13S 118.66E 14 4.0L,4.1
 ISC Event type se.
 IDC Error ellipse: s-maj=25.9km s-min=22.8km az=141.0.
 ISCJB Event type se. Error ellipse: s-maj=5.7km s-min=5.1km az=140.0.
 NEIC Event type se. Felt northeast of Tom Price. After AUST.

(591) Northern Territory.

AUST VI 15 15 20 01.2 23.00S 131.78E 0 2.8L
 NEIC VI 15 15 20 01.0 23.00S 131.78E 0 2.8L **19222027**
 NEIC Event type se. After AUST.
 AUST VI 17 20 41 51.3 21.25S 132.48E 0 2.8L
 NEIC VI 17 20 41 51.0 21.25S 132.48E 0 2.8L **19222180**
 NEIC Event type se. After AUST.
 IDC IV 24 12 45 54.8-2.6 25.73S 137.74E 0 3.2,3.2

IDC Error ellipse: s-maj=34.1km s-min=19.8km az=50.0. **19597866**
 ISC V 02 02 47 14.1-77 25.88S-05 137.34E-07 10 3.6b 44 4-88
 ISCJB V 02 02 47 12.2-93 25.86S-05 137.30E-09 10 3.6b **19130690**
 IDC V 02 02 47 13.7-1.8 25.79S 137.58E 0 3.9,3.8L
 NEIC V 02 02 47 16.0 26.04S 137.22E 0 4.4b,3.6L
 AUST V 02 02 47 16 26.04S 137.22E 0 3.6L,3.6L
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=11.6km s-min=6.7km az=174.0.
 IDC Error ellipse: s-maj=30.5km s-min=17.7km az=35.0.
 NEIC Event type se. After AUST.
 ISC V 24 21 34 27.7-46 23.20S-04 129.98E-03 10 53 4-15
 ISCJB V 24 21 34 25.3-47 23.16S-05 129.97E-04 10 3.6b **19131985**
 IDC V 24 21 34 27.0-2.4 23.20S 129.99E 0 4.2,4.1
 AUST V 24 21 34 30.0 23.01S 130.04E 0 3.9L,4.1
 NEIC V 24 21 34 30.0 23.01S 130.04E 0 3.9L,4.1
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=6.7km s-min=4.7km az=152.1.
 IDC Error ellipse: s-maj=33.3km s-min=27.6km az=16.0.
 NEIC Event type se. After AUST.

(592) South Australia.

IDC IV 19 05 59 58.9-3.7 30.46S 138.46E 0 3.1,3.1 **19597486**
 IDC Error ellipse: s-maj=94.6km s-min=20.9km az=44.0.
 IDC IV 03 21 58 21.2-4.0 26.03S 132.18E 0 3.1,3.1 **19594207**
 IDC Error ellipse: s-maj=34.1km s-min=23.3km az=80.0.
 IDC IV 04 01 59 58.8-3.5 30.26S 138.60E 0 3.0,3.0 **19594219**
 IDC Error ellipse: s-maj=92.7km s-min=15.1km az=45.0.
 IDC VI 29 06 00 00.6-3.0 30.36S 138.47E 0 3.5,3.4 **19600558**
 IDC Error ellipse: s-maj=77.8km s-min=15.1km az=41.0.
 IDC VI 26 08 00 02.2-4.7 30.21S 138.70E 0 3.0,2.9 **19600462**
 IDC Error ellipse: s-maj=154.6km s-min=18.0km az=43.0.
 IDC VI 13 05 59 53.1-3.1 30.41S 138.45E 0 3.5,3.5 **19599997**
 IDC Error ellipse: s-maj=87.4km s-min=14.9km az=40.0.
 IDC III 05 04 59 57.3-3.7 29.95S 138.95E 0 2.8,2.8 **110597641**

IDC Error ellipse: s-maj=179.5km s-min=20.3km az=49.0.
 ISC III 23 16 14 45.9-3.5 31.20S-06 138.71E-06 15-23 12 3-12
 ISCJB III 23 16 14 43.2-73 31.12S-06 138.69E-06 10 3.6b **110609175**
 NEIC III 23 16 14 45.0 31.29S 138.76E 10 2.5L
 AUST III 23 16 14 45.8 31.29S 138.76E 10 2.5L
 IDC III 23 16 14 45.2-4.6 31.06S 138.80E 0 2.9,2.8
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=8.9km s-min=7.0km az=61.2.
 NEIC Event type se. After AUST.
 IDC Error ellipse: s-maj=93.7km s-min=17.1km az=35.0.
 ISC VI 15 08 01 59.4-51 31.91S-05 139.11E-04 10 31 2-18
 ISCJB VI 15 08 01 57.3-51 31.90S-06 139.14E-04 10 **19221993**
 NEIC VI 15 08 01 59.0 32.09S 139.18E 3 3.0L
 AUST VI 15 08 01 59.2 32.09S 139.18E 3 3.8L
 IDC VI 15 08 01 59.9-3.5 31.72S 139.33E 0 3.8,3.6
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=8.2km s-min=4.7km az=31.6.
 NEIC Event type se. After AUST.
 IDC Error ellipse: s-maj=56.3km s-min=15.0km az=23.0.
 IDC II 07 04 59 57.2-3.7 30.52S 138.35E 0 2.9,2.9 **19570091**

IDC Error ellipse: s-maj=79.4km s-min=15.4km az=42.0.
 IDC II 16 15 24 38.6-3.6 30.90S 138.54E 0 3.1,3.1 **19571052**
 IDC Error ellipse: s-maj=69.2km s-min=15.2km az=38.0.
 IDC IV 09 16 31 18.8-5.5 31.31S 138.47E 0 2.9,2.9 **19594540**
 IDC Error ellipse: s-maj=109.4km s-min=25.4km az=37.0.
 IDC IV 12 06 00 01.4-3.1 30.10S 138.81E 0 3.1,3.1 **19594717**
 IDC Error ellipse: s-maj=97.6km s-min=14.6km az=46.0.
 IDC IV 22 05 59 59.4-3.8 30.31S 138.64E 0 3.0,3.0 **19597701**
 IDC Error ellipse: s-maj=104.0km s-min=16.5km az=43.0.
 IDC IV 29 06 00 01.6-3.3 30.11S 138.84E 0 3.0,2.9 **19598184**
 IDC Error ellipse: s-maj=119.5km s-min=15.5km az=46.0.
 IDC IV 29 06 28 03.0-3.6 30.04S 138.97E 0 2.9,2.9 **19598185**
 IDC Error ellipse: s-maj=155.0km s-min=17.3km az=47.0.
 IDC V 01 05 59 56.5-4.7 30.71S 138.17E 0 3.0,3.0 **19598323**
 IDC Error ellipse: s-maj=103.8km s-min=18.4km az=38.0.
 IDC V 31 05 59 59.5-3.0 30.38S 138.47E 0 3.4,3.3 **19599619**

IDC Error ellipse: s-maj=82.1km s-min=14.8km az=42.0.
 ISC V 03 13 45 33.7-65 30.72S-05 138.42E-06 10 14 3-17
 ISCJB V 03 13 45 31.7-65 30.64S-05 138.41E-06 10 **19435596**
 IDC V 03 13 45 32.8-2.7 30.59S 138.60E 0 3.6,3.5
 AUST V 03 13 45 33.1 30.70S 138.46E 1 2.8L,3.5
 ISCJB Error ellipse: s-maj=8.4km s-min=5.9km az=103.1.
 IDC Error ellipse: s-maj=64.0km s-min=13.9km az=40.0.
 ISC V 13 01 04 46.9-33 27.71S-03 135.60E-04 10 4.5b,3.6s 103 4-88
 ISCJB V 13 01 04 44.3-34 27.68S-03 135.63E-04 10 4.5b,3.6s **18344189**
 IDC V 13 01 04 46.8-1.4 27.97S 135.76E 0 5.2L,4.7
 NEIC V 13 01 04 46.0 27.72S 135.99E 1 5.1L,4.3b
 AUST V 13 01 04 46.7 27.66S 135.72E 7 5.1L,4.3b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=4.9km s-min=4.0km az=166.4.
 IDC Error ellipse: s-maj=32.3km s-min=16.9km az=52.0.
 NEIC Event type se. After AUST.
 IDC V 11 05 59 55.9-3.9 30.82S 138.06E 0 3.5,3.4 **19598761**
 IDC Error ellipse: s-maj=91.1km s-min=16.3km az=34.0.
 AUST I 08 22 02 41.2 31.54S 139.23E 0 3.0L
 NEIC I 08 22 02 41.0 31.54S 139.23E 0 3.0L **19430531**
 NEIC Event type se. After AUST.
 IDC V 16 21 29 59.4-3.8 30.20S 138.70E 0 2.9,2.9 **19599061**

IDC Error ellipse: s-maj=126.0km s-min=15.6km az=44.0.
 ISC IV 01 01 09 13.2-48 26.05S-04 130.97E-05 10 4.3b 54 4-131
 ISCJB IV 01 01 09 10.4-49 25.96S-04 130.94E-05 10 4.3b **19434908**
 IDC IV 01 01 09 13.3-1.4 26.24S 131.02E 0 4.3,4.2
 AUST IV 01 01 09 18.4 25.99S 130.99E 10 3.7L,4.2
 NEIC IV 01 01 09 18.0 25.99S 130.99E 11 4.8b,4.1L
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=6.9km s-min=5.0km az=63.9.
 IDC Error ellipse: s-maj=32.5km s-min=24.3km az=148.0.
 NEIC Event type se. After AUST.

(594) Queensland.

IDC VI 24 04 18 28.6-5.2 22.44S 148.60E 0 3.6,3.5 **19600381**
 IDC Error ellipse: s-maj=48.2km s-min=20.4km az=79.0.
 IDC III 15 04 14 08.7-4.7 22.09S 148.66E 0 3.4,3.3 **110603991**
 IDC Error ellipse: s-maj=44.4km s-min=22.0km az=76.0.
 IDC III 07 06 13 24.6-2.2 21.94S 148.05E 0 3.6b,3.5 **110598842**

IDC Error ellipse: s-maj=57.0km s-min=27.8km az=168.0.
 IDC II 22 01 39 58.6-4.0 22.36S 148.10E 0 3.8L,3.8
 ¶19579263

IDC Error ellipse: s-maj=39.2km s-min=19.6km az=87.0.
 AUST VI 15 18 01 30.4 27.98S 147.00E 0 3.0L
 NEIC VI 15 18 01 30.0 27.98S 147.00E 0 3.0L
 NEIC Event type se. After AUST.
 IDC II 11 04 52 27.3-4.4 23.56S 148.47E 0 3.2,3.2
 ¶19570467

IDC Error ellipse: s-maj=44.3km s-min=25.1km az=88.0.
 IDC II 13 03 57 58.2-2.3 22.24S 148.09E 0 3.6,3.5
 ¶19570667

IDC Error ellipse: s-maj=30.4km s-min=19.5km az=64.0.
 IDC V 18 03 45 57.2-2.5 22.15S 148.17E 0 3.4L,3.4
 ¶19599121

IDC Error ellipse: s-maj=36.3km s-min=21.1km az=55.0.
 IDC VI 23 04 07 11.1-2.0 22.26S 148.19E 0 3.7b,3.6
 ¶19600340

IDC Error ellipse: s-maj=30.7km s-min=22.0km az=48.0.
 (600) Near coast of South Australia.

ISC IV 19 18 59 11.8-1.4 37.65S-09 140.09E-07 10 19 2-18
 ISCJB IV 19 18 59 09.9-1.4 37.61S-10 140.11E-08 10
 AUST IV 19 18 59 12.0 37.86S 139.89E 22 2.8L
 NEIC IV 19 18 59 12.7 37.86S 139.89E 22 2.8L
 IDC IV 19 18 59 18.6-1.0 37.06S 139.56E 0 3.5,3.4
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=14.6km s-min=7.1km az=46.2.
 NEIC Event type se. After AUST.

IDC Error ellipse: s-maj=105.0km s-min=69.0km az=160.0.
 AUST II 09 04 16 25.1 32.87S 138.13E 10 3.5L
 ¶19431359

AUST Event type fe. Felt.
 ISC III 11 10 35 49.2-1.7 35.65S-10 136.7E-10 10 18 3-16
 ISCJB III 11 10 35 48.1-1.6 35.45S-09 136.9E-10 10
 NEIC III 11 10 35 49.0 35.80S 136.70E 16 3.5L
 AUST III 11 10 35 49.5 35.80S 136.70E 16 3.5L
 IDC III 11 10 35 50.1-6.5 35.41S 136.65E 0 3.5,3.5
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=17.2km s-min=6.5km az=84.3.
 NEIC Event type se. After AUST.

IDC Error ellipse: s-maj=57.4km s-min=32.1km az=6.0.
 AUST II 10 21 44 35.1-1.7 34.12S-07 135.7E-10 10 11 1-14
 ISCJB II 10 21 44 31.9-1.7 34.15S-10 135.7E-10 10
 IDC II 10 21 44 34.4-9.4 33.93S 135.71E 0 3.2,3.1
 AUST II 10 21 44 34.4 34.16S 135.68E 2 2.6L,3.1
 ISCJB Error ellipse: s-maj=19.4km s-min=9.7km az=89.2.
 IDC Error ellipse: s-maj=111.6km s-min=30.8km az=10.0.
 AUST I 25 11 58 20.4 34.16S 135.56E 4 3.6L
 ¶19431035

ISC IV 04 10 06 41.7-97 33.35S-07 138.49E-07 10 15 2-14
 ISCJB IV 04 10 06 39.9-97 33.28S-09 138.58E-08 10
 AUST IV 04 10 06 42.8 33.43S 138.75E 10 3.3L
 NEIC IV 04 10 06 42.0 33.43S 138.75E 10 3.3L
 IDC IV 04 10 06 46.5-6.1 32.85S 138.74E 0 3.2,3.1L
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=13.6km s-min=8.2km az=51.2.
 AUST Event type fe. Felt.
 NEIC Event type fe. Felt at Hallett. After AUST.
 IDC Error ellipse: s-maj=68.9km s-min=21.5km az=10.0.

(601) New South Wales.
 IDC III 27 21 57 40.4-10 29.02S 149.82E 0 3.7,3.6L
 AUST III 27 21 57 32.2 29.32S 150.76E 10 3.5L,3.6L
 IDC Error ellipse: s-maj=107.5km s-min=56.9km az=100.0.
 ¶10611982

(603) Near southeast coast of Australia.
 AUST II 04 16 31 57.6 37.56S 148.18E 2 3.9L
 ¶19431298

AUST Event type fe. Felt.
 (608) Bass Strait.
 AUST I 19 16 15 00 40.75S 146.39E 10 3.6L
 ¶19430855

SEISMIC REGION 39.
 Pacific Basin.

(611) North Pacific Ocean.
 JMA III 10 22 17 58.4-7.0 38.13N 149.63E 46 4.4
 ¶10601489

JMA Error ellipse: s-maj=3.3km s-min=6.1km az=-1.0.
 IDC II 06 20 35 12.3-1.1 20.03N 160.88E 0 4.3,4.2
 ¶19570048

IDC Error ellipse: s-maj=34.2km s-min=23.3km az=151.0.
 IDC I 25 11 21 25.9-1.3 22.27N 145.60E 0 4.0,3.8b
 ¶19485835

IDC Error ellipse: s-maj=45.3km s-min=26.9km az=85.0.
 ISC I 25 08 04 12.7-63 22.27N-08 145.3E-20 10 4.0b 14 6-86
 ISCJB I 25 08 04 10.7-64 22.20N-10 145.4E-20 10 4.0b
 IDC I 25 08 04 10.7-78 22.18N 145.44E 0 4.3,4.2
 ¶19485783

ISCJB Error ellipse: s-maj=23.0km s-min=13.4km az=160.9.
 IDC Error ellipse: s-maj=26.9km s-min=19.4km az=88.0.

(613) Hawaiian Islands.
 NEIC III 04 10 19 59.0 19.44N 155.32W 5 3.6
 ¶10597121

NEIC Event type se. After HVO.
 NEIC III 01 18 57 13.0 19.44N 155.32W 6 4.0
 BJI III 01 18 57 16.7 20.21N 155.80W 5 4.9b,4.8s
 ¶10595335

NEIC Event type fe. Felt [III] in Hawai'i Volcanoes National Park. Felt at Glenwood, Honomu, Papa'ikou and Volcano. After HVO.
 NEIC II 16 21 35 29.0 19.76N 156.11W 45 3.8L
 ¶18096033

NEIC Event type fe. Felt [IV] at Kapaa and [III] at Kamuela. Also felt at Kailua Kona, Kealakekua and Waikoloa. After HVO.
 ISC II 17 01 22 33.4-1.1 19.33N-05 155.22W-06 10-7 4.6s,4.4b 57 0-98
 IDC II 17 01 22 31.4-1.7 19.12N 155.06W 0 4.4s,4.3
 ISCJB II 17 01 22 32.6-1.2 19.31N-05 155.54W-06 17-8 4.6s,4.4b
 NEIC II 17 01 22 33.0 19.34N 155.21W 10 4.6L,4.5b
 BJI II 17 01 22 33.0 19.30N 155.20W 10 5.2b,4.9s
 ISC Event type fe.
 IDC Error ellipse: s-maj=55.5km s-min=27.2km az=140.0.
 ISCJB Event type fe. Error ellipse: s-maj=11.1km s-min=7.8km az=71.2.
 NEIC Event type fe. Felt [IV] at Hilo and Kailua Kona; [III] at Kea'au and Pahoa. Felt in much of the Island. After HVO.

ISC I 19 02 04 52.3-94 19.3N-10 155.55W-08 32-8 3.8b,3.8s 27 0-96
 BJI I 19 02 04 49.0 19.10N 155.40W 40 4.9s,4.9b
 ISC I 19 02 04 51.5-86 19.3N-10 155.54W-09 41-7 3.8b,3.8s
 ¶18078855

NEIC I 19 02 04 52.0 19.05N 155.43W 40 4.7,3.9b
 IDC I 19 02 04 52.6-2.7 19.69N 155.02W 0 4.1,4.0
 ISC Event type fe.
 ISCJB Event type fe. Error ellipse: s-maj=19.5km s-min=10.7km az=59.8.
 NEIC Event type fe. Felt [IV] at Captain Cook, Keauau and Naalehu; [III] at Hilo and Pahoa; [II] at Kailua Kona. Also felt at Honomu, Kamuela, Mountain View and Volcano. After HVO.
 Error ellipse: s-maj=67.5km s-min=30.1km az=20.0.

ISC I 15 09 04 08.8-1.6 19.80N-09 156.2W-10 9-10 3.2b 9 0-51
 ISCJB I 15 09 04 08.4-1.2 19.78N-09 156.1W-10 23-8 3.2b
 ¶18078676

NEIC I 15 09 04 09.0 19.64N 155.82W 28 3.6
 IDC I 15 09 04 29.7-17 22.58N 155.02W 0 3.7,3.5
 ISC Event type fe.

ISCJB Event type fe. Error ellipse: s-maj=21.8km s-min=11.0km az=115.1.
 NEIC Event type fe. Felt [IV] at Houalua and Kailua Kona; [III] at Captain Cook and Kamuela. After HVO.
 IDC Error ellipse: s-maj=351.9km s-min=55.1km az=38.0.

(614) Eastern Caroline Islands region.
 ISC IV 28 10 38 43.0-67 4.96N-10 148.9E-20 35 3.9b,3.2s 20 18-89
 IDC IV 28 10 38 37.5-94 4.97N 148.92E 0 4.9L,4.1
 NEIC IV 28 10 38 39.3-52 4.98N 148.84E 10 4.7b,4.1
 ¶18646689

ISCJB IV 28 10 38 40.9-66 4.92N-10 148.8E-10 33 3.9b,3.2s
 MOS IV 28 10 38 40.8-55 4.94N 148.79E 33 4.4b,3.2s

ISC Event type se.
 IDC Error ellipse: s-maj=34.2km s-min=19.0km az=102.0.
 NEIC Event type se. Error ellipse: s-maj=17.3km s-min=11.0km az=84.0.
 ISCJB Event type se. Error ellipse: s-maj=21.4km s-min=13.7km az=163.6.
 MOS Error ellipse: s-maj=33.0km s-min=20.2km az=105.2.
 IDC II 10 20 06 13.8-7.1 9.81N 143.23E 0 3.9,3.7b
 ¶19570421

IDC Error ellipse: s-maj=223.8km s-min=60.9km az=12.0.
 IDC V 18 03 07 56.6-4.9 3.14N 148.06E 0 4.0,3.8b
 ¶19599119

IDC Error ellipse: s-maj=170.7km s-min=27.0km az=91.0.
 (632) South Pacific Ocean.
 IDC III 19 07 46 00.9-5.0 21.60S 125.72W 0 4.3,4.1b
 ¶10606440

IDC Error ellipse: s-maj=242.8km s-min=71.8km az=126.0.
 IDC IV 21 10 35 39.4-15 51.24S 136.42W 0 3.9,3.7
 ¶19597643

IDC Error ellipse: s-maj=1313.0km s-min=68.0km az=149.0.

SEISMIC REGION 40.
 Arctic Zone.

(635) Near north coast of Kalaallit Nunaat.
 ISC V 26 09 57 44.6-83 82.48N-07 30.5W-40 10 3.5b 39 6-47
 OTT V 26 09 57 37.7-1.6 82.85N 24.54W 18 4.1L
 ¶18495115

IDC V 26 09 57 41.6-1.1 83.05N 27.69W 0 3.7,3.6
 ISCJB V 26 09 57 42.8-90 82.64N-09 30.5W-40 10 3.5b,3.6
 NEIC V 26 09 57 42.4-84 82.83N 29.20W 10 3.9L,3.6
 ISC Event type ke.
 OTT Event type ke. Error ellipse: s-maj=6.7km s-min=9.0km az=-1.0. East coast of Greenland
 531km northeast from Alert, Nu.

IDC Error ellipse: s-maj=36.8km s-min=19.7km az=15.0.
 ISCJB Event type ke. Error ellipse: s-maj=14.2km s-min=7.1km az=36.9.
 NEIC Event type se. Error ellipse: s-maj=17.2km s-min=10.5km az=7.0.

(636) Eastern Kalaallit Nunaat.
 ISC III 10 19 07 20.7-66 78.92N-07 19.3W-30 10 3.7b 33 2-67
 ISCJB III 10 19 07 19.3-63 78.85N-07 19.5W-30 10 3.7b
 ¶10601372

IDC III 10 19 07 21.6-1.1 78.76N 19.10W 0 3.8,3.7
 NEIC III 10 19 07 21.4-65 78.81N 19.43W 10 3.7b,3.7
 CSEM III 10 19 07 22.9-13 78.58N 19.21W 30 3.7b,3.7
 NAO III 10 19 07 24.0-11 78.81N 18.67W 21-156 3.7b,3.7
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=9.9km s-min=7.7km az=123.4.
 IDC Error ellipse: s-maj=30.5km s-min=18.1km az=16.0.
 NEIC Event type se. Error ellipse: s-maj=14.0km s-min=9.4km az=192.0.
 CSEM Event type ke. Error ellipse: s-maj=6.6km s-min=3.3km az=174.0.
 Error ellipse: s-maj=1.6km s-min=1.6km az=-1.0.

ISC II 18 09 00 20.4-2.0 79.2N-10 17.3W-70 10 3.2b 11 2-46
 IDC II 18 09 00 00.0-8.5 78.32N 29.38W 0 3.6,3.5L
 ¶19571258

ISCJB II 18 09 00 21.6-1.1 79.1N-10 16.4W-70 10 3.2b,3.5L
 NAO II 18 09 00 22.6-8.3 81.55N 15.82W 2.1L,3.5L
 IDC Error ellipse: s-maj=155.2km s-min=68.7km az=49.0.
 ISCJB Error ellipse: s-maj=28.2km s-min=7.1km az=94.3.
 NAO Error ellipse: s-maj=2.6km s-min=0.4km az=-1.0.

(637) Iceland region.
 ISC IV 20 15 02 20.3-62 62.26N-08 25.9W-10 10 3.7b,3.5s 54 2-71
 REY IV 20 15 02 14.4 61.73N 25.85W 5 3.6L,2.9L
 ¶19597549

CSEM IV 20 15 02 16.7-15 61.82N 25.62W 20 3.6L,2.9L
 ISCJB IV 20 15 02 19.4-54 62.33N-06 26.1W-10 10 3.7b,3.5s
 IDC IV 20 15 02 20.2-87 62.22N 26.43W 0 3.9,3.8
 NEIC IV 20 15 02 21.9-49 62.31N 26.40W 10 4.2b,3.8
 ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=6.8km s-min=1.7km az=156.0.
 ISCJB Event type ke. Error ellipse: s-maj=10.0km s-min=5.8km az=130.1.
 IDC Error ellipse: s-maj=23.9km s-min=15.5km az=18.0.
 NEIC Event type se. Error ellipse: s-maj=11.7km s-min=7.2km az=193.0.

ISC III 05 10 21 36.0-33 66.77N-02 18.21W-07 10 3.9b,3.6s 89 0-133
 CSEM III 05 10 21 34.5-09 66.77N 18.13W 10 4.3b,3.6s
 ¶10597799

ISCJB III 05 10 21 34.8-34 66.81N-02 18.26W-07 10 3.9b,3.6s
 IDC III 05 10 21 35.4-68 66.75N 18.27W 0 4.0,3.9
 REY III 05 10 21 35.1 66.88N 18.32W 10 3.7L,3.5L
 NEIC III 05 10 21 37.1-50 66.91N 18.33W 10 4.2b,3.5L
 MOS III 05 10 21 38.8-98 67.10N 17.74W 21 4.5b,3.5L
 ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=2.5km s-min=2.0km az=129.0.
 ISCJB Event type ke. Error ellipse: s-maj=4.1km s-min=3.5km az=7.4.
 IDC Error ellipse: s-maj=19.6km s-min=13.9km az=178.0.
 NEIC Event type se. Error ellipse: s-maj=11.3km s-min=8.6km az=27.0.
 MOS Error ellipse: s-maj=22.7km s-min=14.2km az=91.6.

ISC III 06 14 31 55.4-29 63.99N-02 21.78W-06 10 4.2b,3.7s 154 0-99
 SZGRF III 06 14 31 44.4 65.18N 24.67W 33 4.4b,3.3s
 ¶10598447

CSEM III 06 14 31 53.4-10 63.99N 21.86W 10 4.6b,3.5s
 REY III 06 14 31 54.5 63.92N 21.92W 8 4.7L,4.2L
 IDC III 06 14 31 54.4-75 64.12N 21.76W 0 4.0,3.9
 MOS III 06 14 31 54.6-1.0 63.75N 22.31W 15 4.0b,3.9
 ISCJB III 06 14 31 54.2-29 63.97N-02 21.85W-05 10 4.2b,3.7s
 NEIC III 06 14 31 55.7-33 63.87N 22.10W 10 4.5b,3.6s
 ISC Event type fe.
 SZGRF Iceland region.
 CSEM Event type ke. Error ellipse: s-maj=3.2km s-min=2.4km az=76.0.
 IDC Error ellipse: s-maj=16.1km s-min=13.6km az=62.0.
 MOS Error ellipse: s-maj=17.4km s-min=6.2km az=120.4.
 ISCJB Event type fe. Error ellipse: s-maj=3.6km s-min=3.4km az=57.4.
 NEIC Event type fe. Error ellipse: s-maj=11.3km s-min=4.8km az=38.0. Felt at Reykjavik.

ISC I 06 15 20 52.6-1.2 67.11N-05 18.8W-10 1-7 3.5s,3.3b 33 1-61
 ISCJB I 06 15 20 52.7-1.2 67.15N-04 18.78W-10 10-7 3.5s,3.3b
 ¶19478254

CSEM I 06 15 20 53.2-12 67.11N 18.75W 20 3.6L,3.3b
 REY I 06 15 20 53.3 67.19N 18.86W 10 3.6L,3.2L
 IDC I 06 15 20 54.5-1.5 67.40N 18.88W 0 3.6,3.4
 NEIC I 06 15 20 55.3-73 67.16N 19.14W 10 3.6,3.4
 ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=6.7km s-min=6.1km az=93.5.
 CSEM Event type ke. Error ellipse: s-maj=3.5km s-min=2.6km az=65.0.
 IDC Error ellipse: s-maj=59.3km s-min=22.1km az=20.0.
 NEIC Event type se. Error ellipse: s-maj=17.3km s-min=12.8km az=157.0.

REY I 13 15 19 29.7 66.23N 17.12W 12 3.5L,3.3L
 CSEM I 13 15 19 29.7 66.23N 17.12W 12 3.5L,3.3L
 ¶10318823

CSEM After REY.
 REY I 17 01 31 36.5 63.32N 24.11W 6 3.9L,3.4L
 CSEM I 17 01 31 36.5 63.32N 24.11W 6 3.9L,3.4L
 ¶10318963

CSEM After REY.
 REY I 19 10 34 56.1 66.44N 17.17W 14 3.5L,3.2L
 CSEM I 19 10 34 56.1 66.44N 17.17W 14 3.5L,3.2L
 ¶10319007

CSEM After REY.
 REY I 19 11 14 03.6 66.44N 17.16W 14 3.5L,3.1L
 CSEM I 19 11 14 03.6 66.44N 17.16W 14 3.5L,3.1L
 ¶10319008

Table with columns: REY, CSEM, CSEM, IDC, I, 19 15 43 01.7, 66.44N, 17.16W, 15, 3.9L,3.8L, 110319011, etc.

Table with columns: ISC, ISCJB, CSEM, REY, IDC, MOS, NEIC, I, 05 16 12 40.9-31, 64.73N-02, 17.41W-05, 4-3, 3.3b,3.2s, 81, 0-53, etc.

Table with columns: ISC, ISCJB, CSEM, REY, IDC, MOS, NEIC, I, 10 14 34 49.2-53, 71.11N-09, 7.38W-10, 10, 3.0b, 30, 0-42, etc.

Table with columns: ISC, ISCJB, CSEM, REY, IDC, MOS, NEIC, I, 09 11 46 10.7-67, 71.67N-09, 3.2W-30, 10, 3.4b,3.3s, 11, 6-59, etc.

Table with columns: ISC, ISCJB, CSEM, REY, IDC, MOS, NEIC, I, 10 13 22 18.0-15, 70.83N-03, 14.74W-09, 8-9, 4.6b,4.0s, 254, 2-89, etc.

Table with columns: ISC, ISCJB, CSEM, REY, IDC, MOS, NEIC, I, 22 23 57 42.7-3.3, 70.8N-60, 6.4W-60, 11-65, 10, 1-9, etc.

Table with columns: SZGRF, NAO, ISCJB, IDC, CSEM, NEIC, BER, I, 20 06 24 03.4-2, 71.53N-04, 5.63W-08, 10, 4.1b,3.4s, 80, 1-59, etc.

Table with columns: SZGRF, NAO, ISCJB, IDC, CSEM, NEIC, BER, I, 09 10 15 30.1-16, 71.76N-02, 6.78W-08, 10, 4.5b,3.6s, 346, 1-147, etc.

Table with columns: SZGRF, NAO, ISCJB, IDC, CSEM, NEIC, BER, I, 05 06 54 02.2-72, 79.2N-10, 4.8E-40, 10, 3.4b, 23, 1-66, etc.

Table with columns: SZGRF, BER, NEIC, BER, I, 03 09 17 59.7-35, 71.54N, 10.20W, 18-134, 3.5,3.3L, 19130740, etc.

Table with columns: BER, BER, I, 29 19 49 46.4-18, 71.49N-02, 3.73W-08, 10, 4.6b,4.0s, 315, 2-128, etc.

Table with columns: SZGRF, ISC, ISCJB, IDC, MOS, NEIC, I, 29 21 04 40.1-74, 71.49N-08, 3.5W-20, 10, 3.5s,3.4b, 19, 10-58, etc.

Table with columns: SZGRF, ISC, ISCJB, IDC, MOS, NEIC, I, 27 11 14 12.0-50, 70.91N-08, 14.6W-20, 10, 3.6b,3.4s, 23, 2-62, etc.

Table with columns: IDC, IV, 03 05 30 23.4-1.2, 73.74N, 8.15E, 0, 3.5,3.4, 19594173, etc.

Table with columns: IDC, BER, CSEM, BER, I, 28 13 39 40.7-1.9, 79.15N, 3.91E, 10-0, 3.5L,1.4, 19379159, etc.

Table with columns: ISC, ISCJB, IDC, CSEM, BER, HEL, I, 02 00 24 14.2-50, 73.60N-04, 8.3E-20, 10, 3.5b,3.0s, 59, 3-41, etc.

Table with columns: SZGRF, NAO, ISCJB, IDC, CSEM, NEIC, BER, I, 30 02 43 34.4-15, 73.98N-02, 9.15E-08, 10, 4.6b,4.3s, 538, 3-96, etc.

Table with columns: SZGRF, NAO, ISCJB, IDC, CSEM, NEIC, BER, I, 05 06 54 02.2-72, 79.2N-10, 4.8E-40, 10, 3.4b, 23, 1-66, etc.

NP2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s9,c9; Mantle waves: s45,c64; Half duration: 0 Moment tensor: Scale 10^16 Nm; Mr: 1.245; Mw: 1.01±0.09; M0: 0.22±0.07; M1: 0.01±0.19; M2: 0.01±0.05; M3: -0.14±0.29; Best double couple: NP1: 0.265, 0.00000; λ: 83.00000°; λ: 83.00000°; NP2: 0.96, 0.00000; λ: 84.60000°; λ: 97.00000°. Principal axes: T 1.2530, P1g85.0000°, Azm86.0000°; N -0.2400, P1g5.0000°, Azm270.0000°; P -1.0100, P1g0.0000°, Azm180.0000°; M1.13100x10^16

ISC	II	15 00 24 45.0-1.0	75.87N-05	9.5E-40	10	3.1b	15	2-41	
ISC	II	15 00 24 43.3-1.0	75.82N-05	9.6E-40	10	3.1b	15	2-41	
NAO	II	15 00 24 45.3-4.9	75.97N	9.68E	10	2.2L	15	2-41	
NAO	II	15 00 24 46.3-1.2	76.45N	12.06E	0	3.6,3.3	15	2-41	
BER	II	15 00 24 46.1-3.2	75.92N	8.57E	13-53	2.2L,3.3	15	2-41	
ISC	Event type ke.	Error ellipse: s-maj=12.7km s-min=7.4km az=164.7.							
NAO	Error ellipse: s-maj=0.0km s-min=0.6km az=1.0.								
IDC	Error ellipse: s-maj=47.5km s-min=13.3km az=58.0.								
BER	Error ellipse: s-maj=11.4km s-min=17.2km az=1.0.								
ISC	V	24 03 27 45.2-82	79.8N-10	0.3W-30	10	3.6s,3.5b	29	2-67	
NEIC	V	24 03 27 44.6-3.4	80.49N	0.82W	10	2.9L,3.5b	29	2-67	
ISC	V	24 03 27 47.9-9.0	79.9N-10	0.2W-30	10	3.6s,3.5b	29	2-67	
IDC	V	24 03 27 48.7-1.5	79.93N	1.51W	0	3.8,3.7	29	2-67	
CSEM	V	24 03 27 49.1-1.0	80.21N	1.05W	30	2.9L,3.7	29	2-67	
BER	V	24 03 27 49.8-3.6	80.38N	0.43E	15-999	3.0,2.9L	29	2-67	
NAO	V	24 03 27 49.5-5.2	81.73N	19.50E		2.9L,2.9L	29	2-67	
ISC	Event type ke.	Error ellipse: s-maj=65.3km s-min=9.8km az=183.0.							
ISC	Event type ke.	Error ellipse: s-maj=19.0km s-min=7.9km az=20.4.							
IDC	Error ellipse: s-maj=44.6km s-min=24.1km az=55.0.								
CSEM	Event type ke.	Error ellipse: s-maj=38.4km s-min=9.0km az=3.0.							
BER	Error ellipse: s-maj=508.7km s-min=999.9km az=1.0.								
NAO	Error ellipse: s-maj=0.4km s-min=0.7km az=1.0.								
ISC	V	03 09 49 04.0-1.4	75.95N-06	8.6E-50	10	3.1b	13	2-16	
ISC	V	03 09 49 02.7-1.5	75.90N-06	8.7E-50	10	3.1b	13	2-16	
CSEM	V	03 09 49 03.6-7.2	75.86N	6.96E	30	3.1L	13	2-16	
BER	V	03 09 49 05.0-6.0	75.90N	8.04E	15-89	3.1L,2.4	13	2-16	
NAO	V	03 09 49 07.1-3.4	75.89N	8.08E	42-145	2.3L,2.4	13	2-16	
ISC	Event type ke.	Error ellipse: s-maj=16.0km s-min=8.5km az=21.2.							
CSEM	Event type ke.	Error ellipse: s-maj=24.5km s-min=6.2km az=81.0.							
BER	Error ellipse: s-maj=22.6km s-min=236.6km az=1.0.								
NAO	Error ellipse: s-maj=0.1km s-min=0.4km az=1.0.								
ISC	V	16 14 08 06.7-58	73.21N-06	6.5E-30	10	3.3b	19	5-60	
ISC	V	16 14 08 04.6-61	73.19N-06	6.6E-30	10	3.3b	19	5-60	
IDC	V	16 14 08 06.1-90	73.14N	6.31E	0	3.7,3.5b	19	5-60	
BER	V	16 14 08 09.9-3.2	73.25N	7.29E	10-0	2.1L,2.1L	19	5-60	
NAO	V	16 14 08 13.1-6.9	73.34N	7.80E	36-389	2.1L,2.1L	19	5-60	
ISC	Error ellipse: s-maj=12.2km s-min=8.0km az=144.4.								
IDC	Error ellipse: s-maj=24.3km s-min=16.0km az=43.0.								
BER	Error ellipse: s-maj=9.7km s-min=75.0km az=1.0.								
NAO	Error ellipse: s-maj=0.6km s-min=1.5km az=1.0.								
ISC	V	16 14 00 44.6-57	73.25N-05	6.7E-20	10	3.4b	32	5-123	
ISC	V	16 14 00 42.7-57	73.23N-05	6.8E-20	10	3.4b	32	5-123	
IDC	V	16 14 00 43.9-88	73.14N	6.43E	0	3.7,3.5b	32	5-123	
NAO	V	16 14 00 44.8-2.2	73.21N	7.22E	0	2.1L,3.5b	32	5-123	
NEIC	V	16 14 00 44.9-5.2	73.25N	6.70E	10	2.1L,3.5b	32	5-123	
CSEM	V	16 14 00 46.9-13	73.22N	6.41E	30	2.1L,3.5b	32	5-123	
BER	V	16 14 00 47.0-5.0	73.31N	7.41E	4-58	2.6,2.5L	32	5-123	
ISC	Event type ke.	Error ellipse: s-maj=10.1km s-min=7.4km az=136.8.							
IDC	Error ellipse: s-maj=23.1km s-min=15.9km az=51.0.								
NAO	Error ellipse: s-maj=0.1km s-min=0.3km az=1.0.								
NEIC	Event type se.	Error ellipse: s-maj=9.5km s-min=6.8km az=70.0.							
CSEM	Event type ke.	Error ellipse: s-maj=5.2km s-min=3.1km az=25.0.							
BER	Error ellipse: s-maj=18.4km s-min=121.9km az=1.0.								
ISC	I	04 20 24 18.3-2.9	79.0N-10	4.5E-80	10	3.1b	15	1-11	
ISC	I	04 20 24 19.0-2.5	79.0N-10	4.8E-80	10	3.1b	15	1-11	
BER	I	04 20 24 19.1-4.4	79.23N	4.74E	0-29	2.8,2.5L	15	1-11	
CSEM	I	04 20 24 21.4-5.7	79.45N	6.12E	2	2.1L,2.5L	15	1-11	
NAO	I	04 20 24 22.3-7.2	79.75N	6.98E	26-40	2.1L,2.5L	15	1-11	
ISC	Event type ke.	Error ellipse: s-maj=21.6km s-min=15.1km az=122.0.							
BER	Error ellipse: s-maj=32.8km s-min=133.9km az=1.0.								
CSEM	Event type ke.	Error ellipse: s-maj=14.3km s-min=13.7km az=108.0.							
NAO	Error ellipse: s-maj=0.7km s-min=0.5km az=1.0.								
IDC	V	17 12 58 52.1-1.5	73.36N	6.77E	0	3.4,3.3	15	1-11	
IDC	Error ellipse: s-maj=38.3km s-min=21.6km az=33.0.								
ISC	VI	28 05 24 14.7-76	75.91N-05	8.0E-30	10	3.5b,3.0s	24	2-55	
ISC	VI	28 05 24 12.2-76	75.84N-05	8.1E-30	10	3.5b,3.0s	24	2-55	
IDC	VI	28 05 24 12.3-1.5	75.27N	5.64E	0	3.7,3.6b	24	2-55	
CSEM	VI	28 05 24 13.8-37	75.87N	7.30E	10	0.2L,3.6b	24	2-55	
BER	VI	28 05 24 18.4-4.0	75.87N	8.41E	10-0	2.7L,2.2L	24	2-55	
NAO	VI	28 05 24 21.3-4.6	75.86N	9.52E	20-44	2.7L,2.2L	24	2-55	
ISC	Event type ke.	Error ellipse: s-maj=8.5km s-min=6.7km az=161.9.							
IDC	Error ellipse: s-maj=47.0km s-min=20.0km az=38.0.								
CSEM	Event type ke.	Error ellipse: s-maj=11.9km s-min=8.4km az=24.0.							
BER	Error ellipse: s-maj=14.1km s-min=136.6km az=1.0.								
NAO	Error ellipse: s-maj=0.0km s-min=0.5km az=1.0.								
(641) North of Svalbard.									
ISC	IV	26 09 36 37.0-64	81.4N-10	4.3W-50	10	3.5b,3.4s	30	4-68	
CSEM	IV	26 09 36 35.0-16	81.78N	3.39W	15	2.7L,3.4s	30	4-68	
IDC	IV	26 09 36 36.0-76	81.48N	5.16W	0	3.7,3.6	30	4-68	
ISC	IV	26 09 36 35.4-63	81.4N-10	4.5W-50	10	3.5b,3.4s	30	4-68	
NEIC	IV	26 09 36 37.1-72	81.41N	4.75W	10	4.0b,3.4s	30	4-68	
BER	IV	26 09 36 39.1-9.5	81.93N	0.54W	15-999	2.9,2.7L	30	4-68	
NAO	IV	26 09 36 41.8-5.8	81.01N	2.56W		2.5L,2.7L	30	4-68	
ISC	Event type ke.	Error ellipse: s-maj=6.0km s-min=2.8km az=25.0.							
IDC	Error ellipse: s-maj=26.4km s-min=15.2km az=39.0.								
ISC	Event type ke.	Error ellipse: s-maj=16.1km s-min=9.0km az=54.1.							
NEIC	Event type se.	Error ellipse: s-maj=19.9km s-min=11.7km az=208.0.							
BER	Error ellipse: s-maj=999.9km s-min=999.9km az=1.0.								
NAO	Error ellipse: s-maj=1.0km s-min=0.3km az=1.0.								
IDC	VI	19 20 57 25.1-18	83.23N	2.71E	0	3.5,3.5	15	1-11	
IDC	Error ellipse: s-maj=278.7km s-min=106.5km az=8.0.								
ISC	VI	29 08 07 30.4-20	84.42N-02	26.9E-40	10	4.4b,3.4s	200	6-115	
ISC	VI	29 08 07 28.9-20	84.42N-03	27.0E-40	10	4.4b,3.4s	200	6-115	
IDC	VI	29 08 07 28.6-52	84.64N	29.29E	0	4.5L,4.2	200	6-115	
MOS	VI	29 08 07 28.8-1.1	84.54N	28.09E	10	4.5b,4.2	200	6-115	
HRVD	VI	29 08 07 30.5-40	84.44N	29.09E	14-1	4.6W,4.2	200	6-115	
NEIC	VI	29 08 07 30.5-28	84.53N	28.64E	10	4.5b,4.2	200	6-115	
BJI	VI	29 08 07 30.5	84.50N	28.60E	12	4.9b,4.8b	200	6-115	
CSEM	VI	29 08 07 31.1-05	84.61N	29.10E	31	4.6W,4.5b	200	6-115	
NAO	VI	29 08 07 33.6	84.52N	26.85E	33	4.5b,4.5b	200	6-115	
SZGRF	VI	29 08 07 57.1	82.27N	26.33E	33	4.3b,4.5b	200	6-115	
ISC	Event type ke.	Error ellipse: s-maj=5.6km s-min=3.6km az=143.9.							
IDC	Error ellipse: s-maj=16.0km s-min=11.5km az=69.0.								
MOS	Error ellipse: s-maj=87.5km s-min=6.3km az=90.8.								
HRVD	Error ellipse: s-maj=53.4km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s9,c11; Mantle waves: s54,c68; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:1.08; M1:2 M0:0.52;07; M0:0.55;08; M0:0.51;20; M0:0.34;05; M0:0.17;20; Best double couple: NP1:0.216,0.0000°; 0.333,0.0000°; 0.74,0.0000°; NP2:0.55,0.0000°; 0.59,0.0000°; 0.100,0.0000°. Principal axes: T 1.2290,Plg74.0000°; Azm352.0000°; N -0.2390,Plg9.0000°; Azm230.0000°; P -0.9880,Plg13.0000°; Azm138.0000°; M1.108000x10 ¹⁶								
NEIC	Event type se.	Error ellipse: s-maj=7.6km s-min=4.4km az=80.0.							
CSEM	Event type ke.	Error ellipse: s-maj=2.5km s-min=1.7km az=67.0.							
SZGRF	North of Svalbard.								
ISC	III	07 06 38 07.5-2.1	80.2N-20	3.2W-40	10	3.8s,3.5b	18	3-32	
NAO	III	07 06 37 55.7-6.3	82.12N	1.91E	2	2.8L,3.5b	18	3-32	
IDC	III	07 06 38 00.9-8.0	80.98N	2.68W	0	4.0s,4.0	18	3-32	
ISC	III	07 06 38 07.1-2.1	80.0N-20	3.1W-40	10	3.8s,3.5b	18	3-32	
ISC	II	05 02 55 40.0-88	81.0N-10	2.0W-60	10	3.4s,3.4b	21	3-63	
ISC	II	05 02 55 38.4-88	80.9N-10	2.3W-50	10	3.4s,3.4b	21	3-63	

NAO	II	05 02 55 38.6-6.7	81.24N	0.53W		3.4s,3.4b									
IDC	II	05 02 55 39.4-1.3	81.13N	1.92W	0	3.7,3.5									
NEIC	II	05 02 55 39.7-1.1	80.92N	3.06W	10	3.7,3.5									
ISC	Event type se.	Error ellipse: s-maj=19.6km s-min=7.9km az=48.4.													
ISC	Event type se.	Error ellipse: s-maj=1.7km s-min=1.0km az=1.0.													
NAO	Error ellipse: s-maj=68.5km s-min=19.2km az=51.0.														
IDC	Event type se.	Error ellipse: s-maj=22.9km s-min=15.1km az=26.0.													
NEIC	II	14 00 39 28.8-34	84.19N-06	0.8W-50	10	4.1b	42	13-88							
ISC	II	14 00 39 27.6-34	84.24N-07	0.3W-60	10	4.1b	42	13-88							
ISC	II	14 00 39 27.7-61	84.19N	0.95W	0	4.2,4.2s	42	13-88							
NEIC	II	14 00 39 29.3-48	84.12N	0.91W	10	4.4b,4.2s	42	13-88							
ISC	Event type se.	Error ellipse: s-maj=10.8km s-min=7.0km az=72.1.													
ISC	Event type se.	Error ellipse: s-maj=20.6km s-min=11.9km az=37.0.													
IDC	Event type se.	Error ellipse: s-maj=17.6km s-min=9.7km az=1.0.													
NEIC	II	14 00 39 48.9-1.0	84.25N-02	0.4E-20	9-6	5.1b,4.9s	462	6-117							
ISC	II	14 00 39 47.4-90	84.27N-02	0.3E-20	8-5	5.1b,4.9s	462	6-117							
ISC	II	14 00 39 47.6-1.0	84.25N	0.31E	10	5.3b,4.9s	462	6-117							
MOS	II	14 00 39 47.5-39	84.23N	0.39W	0	5.2s,5.1	462	6-117							
IDC	II	14 00 39 49.5	84.30N	0.40E	10	5.5b,5.2s	462	6-117							
BJI	II	14 00 39 49.6-14	84.25N	0.41E	10	5.3b,4.7s	462	6-117							
NEIC	II	14 00 39 49.6-20	84.25N	0.72E	12	5.4W,4.7s	462	6-117							
HRVD	II	14 00 39 55.0-4.6	83.50N	0.97E		3.2L,4.7s	462	6-117							
NAO	II	14 00 39 58.5	83.50N	2.50E	33	5.0b,4.6s	462	6-117							
SZGRF	II	14 00 39 58.5	83.50N	2.50E			462	6-117							
ISC	Event type se.	Error ellipse: s-maj=4.3km s-min=3.2km az=124.2.													
ISC	Event type se.	Error ellipse: s-maj=52.0km s-min=3.6km az=92.2.													
MOS	Error ellipse: s-maj=13.6km s-min=8.8km az=42.0.														
IDC	Event type se.	Error ellipse: s-maj=4.5km s-min=2.7km az=51.0.													
NEIC	Event type se.	Error ellipse: s-maj=11.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s77,c125; Mantle waves: s97,c213; Half duration: 1.52 Moment tensor: Scale 10 ¹⁷ Nm; Mr:1.32; M1:0.32; M0:0.39;03; M0:0.92;02; M0:0.07;08; M0:0.71;02; M0:0.31;06; Best double couple: NP1:0.225,0.0000°; 0.42,0.0000°; 0.74,0.0000°; NP2:0.24,0.0000°; 0.50,0.0000°; 0.104,0.0000°. Principal axes: T 1.4380,Plg4.0000°; Azm124.0000°; N -0.0610,Plg10.0000°; Azm33.0000°; P -1.3800,Plg79.0000°; Azm237.0000°; M1.40900x10 ¹⁷													
NAO	Error ellipse: s-maj=0.6km s-min=0.2km az=1.0.														
SZGRF	North of Svalbard.														
ISC	II	14 16 30 40.6-5.8	80.6N-10	2.5W-50	11-38	3.3b	13	3-120							
ISC	II	14 16 30 39.3-4.9	80.5N-10	3.0W-50	14-33	3.2b	13	3-120							
NEIC	II	14 16 30 39.8-6.3	80.32N	2.87W	10	3.2b	13	3-120							
IDC	II	14 16 30 39.9-1.0	80.69N	2.50W	0	3.6,3.5	13	3-120							
ISC	Event type se.	Error ellipse: s-maj=21.7km s-min=10.7km az=44.0.													

Nm; Mir-2.14±.12 M₀₀0.24±.12; M₀₀1.90±.09; M₁₀-0.87±.60; M₂₀-0.42±.10; M₃₀-0.23±.34;
 Best double couple: NP1:φ₀148.0000° δ48.0000° λ-116.0000° NP2:φ₀5.0000°
 δ48.0000° λ-64.0000°; Principal axes: T 2.0020,Plg0.0000°; Azm77.0000°
 ; N 0.4470,Plg19.0000°; Azm167.0000°; P -2.4500,Plg71.0000°; Azm346.0000°
 M₀2.22600×10¹⁶

NEIC Event type se. Error ellipse: s-maj=7.6km s-min=5.6km az=46.0.
 NAO Error ellipse: s-maj=1.0km s-min=0.3km az=-1.0.
 ISC IV 03 11 55 37.6-29 82.02N-05 6.2W-30 26 4.1b,3.6s 89 4-128
 BJI IV 03 11 55 33.9 82.52N 6.99W 13 5.1b,4.8b 18228730
 MOS IV 03 11 55 34.5-92 82.14N 5.76W 10 4.3b,3.6s
 IDC IV 03 11 55 34.4-62 82.08N 6.22W 0 4.0L,3.9
 ISCJB IV 03 11 55 36.1-29 82.02N-05 6.1W-30 24 4.1b,3.6s
 CSEM IV 03 11 55 36.3-08 82.19N 5.70W 25 4.7W,4.4b
 HRVD IV 03 11 55 38.1-30 82.21N 6.21W 12 4.7W,4.4b
 NEIC IV 03 11 55 38.1-37 81.99N 6.04W 24 4.4b,4.4b
 NAO IV 03 11 55 59.9 79.89N 7.01W 33 3.3b,4.4b

ISC Event type ke.
 MOS Error ellipse: s-maj=90.1km s-min=14.1km az=92.5.
 IDC Error ellipse: s-maj=21.9km s-min=12.7km az=34.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.8km s-min=5.8km az=46.9.
 CSEM Event type ke. Error ellipse: s-maj=4.6km s-min=2.7km az=39.0.
 HRVD Error ellipse: s-maj=15.6km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s9,c10; Mantle waves: s57,c84; Half duration: 0 Moment tensor: Scale 10¹⁶
 Nm; Mir-1.11±.06 M₀₀0.16±.06; M₁₀1.26±.04; M₂₀0.47±.31; M₃₀0.10±.04; M₄₀0.37±.17;
 Best double couple: NP1:φ₀205.0000° δ41.0000° λ-56.0000° NP2:φ₀343.0000°
 δ87.0000° λ-116.0000°; Principal axes: T 1.3170,Plg9.0000°; Azm91.0000°
 ; N 0.0320,Plg22.0000°; Azm358.0000°; P -1.3580,Plg67.0000°; Azm201.0000°
 M₀1.33800×10¹⁶

NEIC Event type se. Error ellipse: s-maj=11.0km s-min=6.9km az=30.0.
 ISC IV 04 19 43 35.8-1.2 81.9N-10 4.3W-60 10 3.3b 12 4-46
 ISCJB IV 04 19 43 34.3-1.2 81.9N-10 4.5W-60 10 3.3b 110697541
 NAO IV 04 19 43 45.0-1.2 82.23N 1.12E 34-91 3.3b
 IDC IV 04 19 43 52.8-23 82.19N 12.54E 0 3.6,3.5L

ISCJB Error ellipse: s-maj=16.4km s-min=11.5km az=0.1.
 NAO Error ellipse: s-maj=0.8km s-min=0.9km az=-1.0.
 IDC Error ellipse: s-maj=44.1.8km s-min=35.0km az=103.0.

(642) Norwegian Sea.
 ISC IV 15 03 32 05.1-82 67.53N-06 5.4W-10 10 2.9b 36 4-21
 IDC IV 15 03 32 01.6-2.7 67.26N 5.86W 0 3.5,3.4 110697775
 ISCJB IV 15 03 32 03.8-62 67.55N-06 5.2W-10 10 2.9b,3.4
 CSEM IV 15 03 32 05.3-17 67.63N 5.05W 10 2.7L,3.4
 BER IV 15 03 32 06.6-3.7 67.37N 6.10W 10-0 3.0L,2.7L
 NAO IV 15 03 32 06.7-4.2 67.40N 5.67W 67-195 3.0L,2.7L

ISC Event type ke.
 IDC Error ellipse: s-maj=42.8km s-min=25.9km az=73.0.
 ISCJB Event type ke. Error ellipse: s-maj=10.4km s-min=4.7km az=87.7.
 CSEM Event type ke. Error ellipse: s-maj=6.5km s-min=2.6km az=44.0.
 BER Error ellipse: s-maj=12.8km s-min=32.4km az=-1.0.
 NAO Error ellipse: s-maj=0.2km s-min=0.5km az=-1.0.
 ISC III 18 08 07 26.1-3.5 75.00N-05 10.8E-50 4-25 3.5b 26 2-62
 CSEM III 18 08 07 22.7-60 75.10N 9.17E 10 2.5L 110605844
 ISCJB III 18 08 07 24.8-3.0 74.98N-05 10.9E-50 4-21 3.5b
 BER III 18 08 07 26.1-4.0 74.92N 9.40E 15-34 2.5L,2.4
 NAO III 18 08 07 26.5-4.3 75.03N 10.29E 13-29 2.1L,2.4
 IDC III 18 08 07 27.1-1.4 75.06N 11.26E 0 3.7,3.6b
 NEIC III 18 08 07 27.3-85 75.00N 10.96E 10 3.7,3.6b

ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=20.4km s-min=7.7km az=94.0.
 ISCJB Event type ke. Error ellipse: s-maj=21.0km s-min=7.7km az=5.7.
 BER Error ellipse: s-maj=11.3km s-min=127.4km az=-1.0.
 NAO Error ellipse: s-maj=0.1km s-min=0.5km az=-1.0.
 IDC Error ellipse: s-maj=36.7km s-min=15.3km az=61.0.
 NEIC Event type se. Error ellipse: s-maj=21.9km s-min=7.6km az=85.0.
 ISC VI 06 15 12 38.9-54 73.19N-03 15.0E-20 10 3.6b 64 4-61
 CSEM VI 06 15 12 36.7-15 73.14N 13.08E 10 3.0L 110698807
 ISCJB VI 06 15 12 36.6-55 73.16N-03 15.0E-20 10 3.5b
 NAO VI 06 15 12 38.1-1.0 73.25N 15.04E 2.3L
 BER VI 06 15 12 40.6-4.8 73.26N 14.74E 8-27 2.9,2.4L
 IDC VI 06 15 12 41.1-2.8 73.03N 15.25E 0 3.5b,3.5
 HEL VI 06 15 12 43.1-50 72.94N 14.85E 10 3.0L,2.9

ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=5.4km s-min=2.8km az=92.0.
 ISCJB Event type ke. Error ellipse: s-maj=7.8km s-min=4.6km az=155.6.
 NAO Error ellipse: s-maj=0.1km s-min=0.1km az=-1.0.
 BER Error ellipse: s-maj=7.5km s-min=58.4km az=-1.0.
 IDC Error ellipse: s-maj=35.1km s-min=19.1km az=13.0.
 HEL Error ellipse: s-maj=3.3km s-min=2.5km az=-1.0.
 ISC III 19 18 12 30.6-61 72.99N-04 6.8E-20 10 3.7b,3.4s 98 4-123
 MOS III 19 18 12 27.7-1.7 72.92N 6.26E 10 4.3b,3.4s 110606700
 IDC III 19 18 12 27.7-81 73.02N 6.08E 0 3.8,3.6
 ISCJB III 19 18 12 28.7-61 72.94N-04 6.9E-20 10 3.7b,3.4s
 NEIC III 19 18 12 29.1-52 73.01N 6.14E 10 4.1b,3.4s
 HEL III 19 18 12 31.8-70 73.13N 6.71E 10 4.1b,3.5L
 BER III 19 18 12 31.3-3.9 73.07N 5.95E 15-44 2.7L,2.7L
 CSEM III 19 18 12 32.9-18 72.96N 7.40E 30 4.1b,2.7L
 NAO III 19 18 12 32.8-14 73.19N 6.76E 20-160 2.7L,2.7L

ISC Event type ke.
 MOS Error ellipse: s-maj=39.0km s-min=8.0km az=98.2.
 IDC Error ellipse: s-maj=22.0km s-min=12.6km az=46.0.
 ISCJB Event type ke. Error ellipse: s-maj=6.8km s-min=5.2km az=36.3.
 NEIC Event type se. Error ellipse: s-maj=9.8km s-min=6.2km az=79.0.
 HEL Error ellipse: s-maj=4.3km s-min=6.0km az=-1.0.
 BER Error ellipse: s-maj=14.4km s-min=100.3km az=-1.0.
 CSEM Event type ke. Error ellipse: s-maj=4.6km s-min=2.6km az=100.0.
 NAO Error ellipse: s-maj=0.2km s-min=0.4km az=-1.0.
 ISC III 28 10 20 13.9-1.1 72.69N-05 4.4E-30 10 3.3b 13 6-24
 CSEM III 28 10 20 11.5-1.1 72.49N 2.83E 10 2.9L 110612248
 ISCJB III 28 10 20 12.6-1.2 72.74N-05 4.8E-30 10 3.3b
 BER III 28 10 20 13.3-1.4 72.57N 3.35E 10-0 2.9L,1.9L
 NAO III 28 10 20 14.7-5.6 72.73N 4.39E 2.9L,1.9L
 IDC III 28 10 20 17.6-6.2 72.12N 4.53E 0 3.7,3.6

ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=32.8km s-min=10.4km az=61.0.
 ISCJB Event type ke. Error ellipse: s-maj=13.1km s-min=7.0km az=148.0.
 BER Error ellipse: s-maj=9.2km s-min=48.2km az=-1.0.
 NAO Error ellipse: s-maj=0.2km s-min=0.5km az=-1.0.
 IDC Error ellipse: s-maj=80.1km s-min=29.2km az=153.0.
 ISC VI 11 17 30 38.4-80 67.68N-03 11.6E-10 10 98 1-10
 IDC VI 11 17 30 33.4-8 67.90N 10.75E 0 3.1,3.1 110698824
 NAO VI 11 17 30 33.0-2.5 67.85N 10.66E 2.5L,3.1
 BER VI 11 17 30 35.9-3.8 67.85N 10.48E 15-48 2.8,2.5L
 NEIC VI 11 17 30 36.2 67.77N 10.62E 4 2.7,2.5L
 ISCJB VI 11 17 30 36.9-84 67.62N-03 11.8E-10 10 2.7,2.5L
 HEL VI 11 17 30 37.7-30 67.89N 11.19E 10 3.0L,2.8
 CSEM VI 11 17 30 38.9-38 67.53N 11.95E 10 2.5L,2.8

ISC Event type ke.
 IDC Error ellipse: s-maj=27.4km s-min=12.9km az=124.0.
 NAO Error ellipse: s-maj=0.1km s-min=0.2km az=-1.0.
 BER Error ellipse: s-maj=16.9km s-min=84.0km az=-1.0.
 NEIC Event type se. After BER.
 ISCJB Event type ke. Error ellipse: s-maj=7.2km s-min=4.3km az=46.7.
 HEL Error ellipse: s-maj=1.4km s-min=2.2km az=-1.0.
 CSEM Event type ke. Error ellipse: s-maj=8.5km s-min=4.7km az=123.0.
 ISC II 02 09 41 34.8-72 72.69N-06 3.9E-20 10 3.1b 19 6-60
 ISCJB II 02 09 41 33.2-73 72.70N-06 4.2E-20 10 3.1b 118033568
 IDC II 02 09 41 33.0-1.2 72.66N 3.59E 0 3.6,3.5
 BER II 02 09 41 37.7-2.4 72.77N 3.87E 2-58 2.4L,2.4L
 NAO II 02 09 41 38.7-9.3 72.85N 4.67E 2.4L,2.4L
 ISCJB Error ellipse: s-maj=11.5km s-min=6.9km az=108.5.

IDC Error ellipse: s-maj=28.9km s-min=17.0km az=39.0.
 BER Error ellipse: s-maj=12.0km s-min=106.7km az=-1.0.
 NAO Error ellipse: s-maj=0.6km s-min=1.0km az=-1.0.
 ISC II 12 20 24 05.2-98 63.03N-04 4.9E-10 10 22 1-11
 ISCJB II 12 20 24 03.7-99 63.08N-04 4.9E-10 10 18083789
 BER II 12 20 24 06.5-5.5 62.98N 4.96E 0-20 2.4,2.1L
 NAO II 12 20 24 10.6-6.4 62.79N 5.34E 21-40 2.1L,2.1L

ISCJB Error ellipse: s-maj=8.6km s-min=5.0km az=57.1.
 BER Error ellipse: s-maj=13.0km s-min=34.8km az=-1.0.
 NAO Error ellipse: s-maj=0.1km s-min=0.2km az=-1.0.
 ISC II 18 13 56 22.5-81 74.43N-04 10.0E-30 10 3.3b 30 3-61
 ISCJB II 18 13 56 20.9-85 74.42N-04 10.3E-30 10 3.3b 118113775
 IDC II 18 13 56 21.2-1.6 74.21N 8.63E 0 3.5,3.4
 HEL II 18 13 56 24.0-30 74.49N 9.65E 10 3.2L,2.4L
 BER II 18 13 56 25.2-6.8 74.42N 10.67E 0-70 2.8,2.4L
 NAO II 18 13 56 27.1-4.8 74.45N 10.60E 37-80 2.4L,2.4L

ISCJB Error ellipse: s-maj=13.2km s-min=5.1km az=169.2.
 IDC Error ellipse: s-maj=38.8km s-min=20.1km az=51.0.
 HEL Error ellipse: s-maj=1.4km s-min=5.6km az=-1.0.
 BER Error ellipse: s-maj=23.0km s-min=185.4km az=-1.0.
 NAO Error ellipse: s-maj=0.1km s-min=0.6km az=-1.0.
 ISC II 26 06 50 10.4-2.0 74.36N-08 11.6E-70 10 3.4b 9 4-61
 ISCJB II 26 06 50 09.4-1.9 74.37N-08 12.1E-70 10 3.4b 118113954
 IDC II 26 06 50 09.0-1.5 73.77N 9.03E 0 3.7,3.5
 NAO II 26 06 50 09.9-7.6 74.40N 11.41E 4-57 2.5L,3.5

ISCJB Error ellipse: s-maj=28.9km s-min=7.1km az=145.5.
 IDC Error ellipse: s-maj=44.1km s-min=20.5km az=49.0.
 NAO Error ellipse: s-maj=0.2km s-min=0.0km az=-1.0.
 ISC V 28 13 23 28.7-10 74.09N-01 13.78E-06 10 5.0b,4.2s 954 1-149
 BJI V 28 13 23 26.2 74.10N 13.60E 10 5.1b,5.1b 110698672
 ISCJB V 28 13 23 27.3-10 74.11N-01 13.78E-06 10 5.0b,4.2s
 IDC V 28 13 23 27.4-39 74.05N 13.67E 0 4.8,4.8
 CSEM V 28 13 23 27.0 74.08N 13.45E 10 5.1b,4.8
 HEL V 28 13 23 28.0-40 74.08N 14.17E 10 5.1b,4.7L
 MOS V 28 13 23 28.1-94 74.07N 13.44E 15 5.2b,4.0s
 NEIC V 28 13 23 29.3-10 74.08N 13.56E 10 5.1b,4.1s
 HRVD V 28 13 23 29.3-20 74.03N 13.63E 12 5.0W,4.4s
 BER V 28 13 23 29.1-4.3 74.11N 14.12E 7-22 3.9,3.9L
 NAO V 28 13 23 30.7-1.2 74.08N 14.26E 41-91 3.9L,3.9L
 SZGRF V 28 13 23 34.9 73.71N 13.11E 33 5.1b,4.1s

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=2.4km s-min=1.9km az=150.9.
 IDC Error ellipse: s-maj=12.7km s-min=7.9km az=63.0.
 HEL Error ellipse: s-maj=2.6km s-min=3.4km az=-1.0.
 MOS Error ellipse: s-maj=15.9km s-min=2.6km az=91.4.
 NEIC Event type se. Error ellipse: s-maj=3.2km s-min=1.8km az=72.0.
 HRVD Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s49,c66; Mantle waves: s88,c162; Half duration: 0 Moment tensor: Scale 10¹⁶
 Nm; Mir-3.22±.09 M₀₀0.87±.10; M₁₀-4.09±.07; M₂₀1.98±.29; M₃₀0.60±.07; M₄₀0.07±.21;
 Best double couple: NP1:φ₀20.0000° δ51.0000° λ130.0000° NP2:φ₀147.0000°
 δ54.0000° λ52.0000°; Principal axes: T 4.3620,Plg60.0000°; Azm355.0000°
 ; N -0.1960,Plg30.0000°; Azm172.0000°; P -4.1660,Plg1.0000°; Azm263.0000°
 M₀4.26400×10¹⁶

BER Error ellipse: s-maj=5.9km s-min=37.0km az=-1.0.
 NAO Error ellipse: s-maj=0.0km s-min=0.1km az=-1.0.
 SZGRF Norwegian Sea.
 ISC V 15 21 52 46.3-64 72.34N-07 2.2E-20 10 3.8b 43 4-59
 NAO V 15 21 51 39.5 75.20N 16.20W 33 2.6b 118713624
 CSEM V 15 21 52 42.7-10 72.31N 2.10E 2 2.4L
 ISCJB V 15 21 52 44.8-65 72.32N-07 2.5E-20 10 3.8b
 MOS V 15 21 52 45.0-1.9 72.32N 2.46E 10 4.7b
 IDC V 15 21 52 45.6-88 72.27N 1.84E 0 3.9,3.8
 NEIC V 15 21 52 47.4-66 72.18N 0.99E 10 4.4b,3.8
 BER V 15 21 52 59.1-2.6 71.84N 3.87E 10-0 2.6,2.4L

ISC Event type ke.
 CSEM Event type ke. Error ellipse: s-maj=3.9km s-min=2.7km az=35.0.
 ISCJB Event type ke. Error ellipse: s-maj=10.9km s-min=7.8km az=45.5.
 MOS Error ellipse: s-maj=42.6km s-min=10.2km az=101.5.
 IDC Error ellipse: s-maj=24.7km s-min=14.6km az=49.0.
 NEIC Event type se. Error ellipse: s-maj=17.6km s-min=10.0km az=48.0.
 BER Error ellipse: s-maj=17.4km s-min=95.8km az=-1.0.
 ISC V 27 17 53 18.8-1.1 71.19N-06 15.9E-10 10 60 2-11
 NAO V 27 17 53 09.9-1.5 71.88N 15.69E 35 2.4L 110698649
 CSEM V 27 17 53 12.5-5.1 71.69N 15.13E 15-34 1.9L
 BER V 27 17 53 12.9-4.4 71.80N 15.13E 10 2.5,2.4L
 HEL V 27 17 53 17.1-4.0 71.56N 16.03E 10 2.6L,2.5
 ISCJB V 27 17 53 18.4-78 71.06N-04 16.1E-10 10 2.6L,2.5

ISC Event type ke.
 CSEM Event type ke.
 ISCJB Event type ke.
 ISC V 29 22 01 18.1-1.5 74.05N-03 14.4E-10 12-10 4.0b,3.2s 146 1-63
 MOS V 29 22 01 16.1-2.0 74.06N 14.17E 10 4.4b,3.2s 110698699
 ISCJB V 29 22 01 16.8-1.2 73.98N-03 14.3E-20 15-10 4.0b,3.2s
 HEL V 29 22 01 17.1-50 74.13N 13.90E 10 4.3b,3.8L
 IDC V 29 22 01 17.1-69 74.06N 14.29E 0 4.0,3.9b
 BER V 29 22 01 18.7-4.5 74.12N 13.96E 10-0 3.1,2.7L
 NEIC V 29 22 01 18.4-40 74.06N 13.98E 10 4.3b,2.7L
 CSEM V 29 22 01 19.9-09 74.10N 14.22E 30 4.3b,2.7L
 NAO V 29 22 01 21.1-4.0 74.20N 15.51E 28-42 2.7L,2.7L

ISC Event type ke.
 MOS Error ellipse: s-maj=39.7km s-min=6.3km az=95.5.
 ISCJB Event type ke. Error ellipse: s-maj=7.1km s-min=4.4km az=166.6.
 HEL Error ellipse: s-maj=3.0km s-min=5.3km az=-1.0.
 IDC Error ellipse: s-maj=20.3km s-min=9.6km az=59.0.
 BER Error ellipse: s-maj=6.7km s-min=50.2km az=-1.0.
 NEIC Event type se. Error ellipse: s-maj=8.8km s-min=5.9km az=80.0.
 CSEM Event type ke. Error ellipse: s-maj=3.2km s-min=1.9km az=101.0.
 NAO Error ellipse: s-maj=0.0km s-min=0.3km az=-1.0.
 ISC V 04 22 44 58.6-1.4 74.30N-05 11.1E-40 10 3.5b 25 4-40
 NAO V 04 22 44 54.1-2.4 74.19N 9.71E 10 2.6L 110698276
 CSEM V 04 22 44 54.2-87 74.10N 9.95E 30 2.6L
 NEIC V 04 22 44 56.4 74.25N 10.10E 0 2.6L
 ISCJB V 04 22 44 56.2-1.5 74.28N-05 11.1E-40 10 3.5b
 BER V 04 22 44 56.9-3.0 74.21N 9.43E 15-46 2.6L,2.3
 IDC V 04 22 45 00.8-1.5 74.52N 12.28E 0 3.7,3.6

ISC Event type ke.
 NAO Error ellipse: s-maj=0.0km s-min=0.3km az=-1.0.
 CSEM Event type ke. Error ellipse: s-maj=29.4km s-min=6.1km az=67.0.
 NEIC Event type se. After BER.
 ISCJB Event type ke. Error ellipse: s-maj=17.3km s-min=6.4km az=153.5.
 BER Error ellipse: s-maj=11.8km s-min=115.1km az=-1.0.
 IDC Error ellipse: s-maj=36.6km s-min=15.5km az=57.0.
 ISC IV 14 20 56 26.5-50 61.87N-04 2.25E-05 10 125 1-15
 ISCJB IV 14 20 56 24.8-53 61.87N-04 2.18E-05 10 110697773
 IDC IV 14 20 56 24.0-2.9 62.15N 2.21E 0 3.4,3.3L
 NEIC IV 14 20 56 25.8-53 61.99N 2.20E 10 3.3L,2.6L
 CSEM IV 14 20 56 26.5-10 62.02N 1.99E 35 3.8L,2.6L
 BGS IV 14 20 56 27.4-37 62.01N 2.41E 15-0 3.3L,2.6L
 BER IV 14 20 56 28.6-3.5 62.04N 2.24E 19-19 2.6L,2.6
 NAO IV 14 20 56 28.3-2.6 61.42N 2.83E 2.5L,2.6

ISC Event type ke.
 ISCJB Event type ke. Error ellipse: s-maj=6.1km s-min=3.0km az=142.5.
 IDC Error ellipse: s-maj=37.7km s-min=25.4km az=143.0.
 NEIC Event type se. Error ellipse: s-maj=8.5km s-min=3.6km az=146.0.
 CSEM Event type ke. Error ellipse: s-maj=2.9km s-min=1.3km az=147.0.
 BGS Error ellipse: s-maj=19.1km s-min=48.2km az=-1.0.
 BER Error ellipse: s-maj=7.0km s-min=13.2km az=-1.0.
 NAO Error ellipse: s-maj=0.6km s-min=0.1km az=-1.0.

HRVD I 11 15 13 42.7-40 76.41N 6.20E 16-1 4.8W,4.0s
 NAO I 11 15 13 43.2-2.8 76.21N 8.09E 2.9L,4.0s
 BER I 11 15 13 44.3-5.3 76.12N 7.08E 20-69 2.9L,2.9L
 SZGRF I 11 15 14 23.8 72.52N 6.64E 33 4.4b,2.9L

ISC Event type se
 IDC Error ellipse: s-maj=14.5km s-min=9.4km az=45.0
 MOS Error ellipse: s-maj=25.9km s-min=4.8km az=94.3
 ISCJB Event type se. Error ellipse: s-maj=4.1km s-min=3.2km az=121.7
 NEIC Event type se. Error ellipse: s-maj=5.5km s-min=3.1km az=63.0
 HRVD Error ellipse: s-maj=11.1km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s20,c29; Mantle waves: s62,c94; Half duration: 0 Moment tensor: Scale 1016 Nm; M₀:1.69±.13 M₀:0.08±.09; M₀:1.61±.10; M₀:0.70±.30; M₀:0.69±.07; M₀:0.59±.25; Best double couple: NP1:0.173,0.0000°; s34,0.0000°; λ113,0.0000°; NP2:0.326,0.0000°; λ89,0.0000°; λ75,0.0000°. Principal axes: T 1.9670,Plg72.0000°; Azm199.0000°; N 0.0810,Plg13.0000°; Azm334.0000°; P -2.0510,Plg12.0000°; Azm67.0000°; M₀:2.00900×10¹⁶

NAO Error ellipse: s-maj=0.1km s-min=0.4km az=1.0.
 BER Error ellipse: s-maj=15.3km s-min=117.5km az=1.0.
 SZGRF Norwegian Sea

NAO I 14 03 29 06.5-6.0 80.29N 23.64E 15-20 2.6L
 BER I 14 03 29 03.3-3.5 80.47N 25.19E 18-28 3.1L,2.6L ¶18078632

NAO I 20 03 48 12.6-3.1 80.0N-20 21.1E-50 10 8 2-11
 BER I 20 03 48 12.7-3.1 79.8N-20 21.1E-50 10 10 18078909

NAO I 20 03 48 15.1-2.8 79.95N 21.73E 15-30 2.6L,2.3
 ISCJB Error ellipse: s-maj=34.2km s-min=12.2km az=6.4.
 NAO Error ellipse: s-maj=0.3km s-min=0.2km az=1.0.
 BER Error ellipse: s-maj=19.0km s-min=109.8km az=1.0.

ISC V 26 04 55 30.9-9.9 78.19N-06 13.2E-50 10 12 1-9
 NAO V 26 04 55 29.7-1.3 78.13N 12.88E ¶110698631
 ISCJB V 26 04 55 31.0-8.5 78.24N-06 13.5E-50 10 2.2L
 BER V 26 04 55 31.2-2.2 78.24N 12.93E 1-15 3.1L,2.2
 CSEM V 26 04 55 32.3-2.7 78.28N 13.32E 30 3.1L,2.2

ISC Event type ke
 NAO Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.
 ISCJB Event type ke. Error ellipse: s-maj=15.7km s-min=5.1km az=118.4.
 BER Error ellipse: s-maj=8.6km s-min=43.1km az=1.0.
 CSEM Event type ke. Error ellipse: s-maj=19.0km s-min=5.6km az=63.0.

ISC IV 02 18 58 24.7-2.4 80.1N-10 23.2E-50 11-9 20 2-11
 ISCJB IV 02 18 58 23.9-2.3 80.0N-10 23.1E-50 3-8 ¶110697500
 NAO IV 02 18 58 24.7-9.4 80.10N 23.68E 5 2.5L
 CSEM IV 02 18 58 26.6-3.0 80.03N 23.50E 12-13 2.5L
 BER IV 02 18 58 27.1-4.2 80.03N 24.13E 15-24 3.2,2.5L

ISC Event type ke
 ISCJB Event type ke. Error ellipse: s-maj=17.0km s-min=14.5km az=3.8.
 CSEM Event type ke. Error ellipse: s-maj=20.2km s-min=9.7km az=20.0.
 NAO Error ellipse: s-maj=0.2km s-min=0.1km az=1.0.
 BER Error ellipse: s-maj=24.8km s-min=122.5km az=1.0.

(644) North of Franz Josef Land.

ISC III 27 23 34 51.6-36 86.97N-05 58E-10 10 4.0b,3.8s 61 9-75
 BJI III 27 23 34 48.1 87.00N 58.10E 10 5.1b,4.5b ¶110612020
 CSEM III 27 23 34 49.6-08 87.01N 57.72E 10 4.4b,4.5b
 ISCJB III 27 23 34 50.4-36 86.96N-05 58E-10 10 4.0b,3.8s
 MOS III 27 23 34 50.1-1.1 86.95N 56.95E 10 4.3b,3.8s
 IDC III 27 23 34 50.5-65 86.98N 59.27E 0 4.1,4.0
 NEIC III 27 23 34 52.1-31 86.98N 58.14E 10 4.2b,4.0

ISC Event type ke
 CSEM Event type ke. Error ellipse: s-maj=5.6km s-min=2.9km az=102.0.
 ISCJB Event type ke. Error ellipse: s-maj=10.1km s-min=7.1km az=28.1.
 MOS Error ellipse: s-maj=99.9km s-min=8.3km az=89.5.
 IDC Error ellipse: s-maj=23.3km s-min=13.2km az=101.0.
 NEIC Event type se. Error ellipse: s-maj=9.6km s-min=5.8km az=109.0.

(646) Northern Norway.

ISC IV 20 13 08 45.1-1.1 68.49N-05 14.0E-10 13-6 46 0-9
 BER IV 20 13 08 40.5-1.1 68.82N 12.42E 15-7 2.7,2.4L ¶18965538
 HEL IV 20 13 08 41.4-40 68.67N 13.04E 15 2.9L,2.7
 CSEM IV 20 13 08 43.4-62 68.38N 14.22E 2 2.4L,2.7
 ISCJB IV 20 13 08 44.4-1.0 68.37N-06 14.4E-10 4-9 2.4L,2.7

ISC Event type ke
 CSEM Event type ke
 ISCJB Event type ke

BER IV 17 14 55 47.9-1.7 66.44N 13.34E 8-46 1.4,1.1L ¶19375679

BER Error ellipse: s-maj=5.9km s-min=16.6km az=1.0.
ISC II 24 23 14 30.7-52 67.08N-03 13.92E-09 10 64 1-8
 IDC II 24 23 14 27.9-1.6 67.15N 13.35E 0 3.0,3.0 ¶18113916
 ISCJB II 24 23 14 29.5-51 67.08N-03 14.15E-08 10 3.0,3.0
 NAO II 24 23 14 29.2-1.9 67.04N 13.74E 2 2.9L,3.0
 BER II 24 23 14 30.8-5.2 67.09N 13.69E 0-16 2.4,2.3L
 HEL II 24 23 14 31.4-10 67.11N 13.55E 22-2 2.4L,2.2L

IDC Error ellipse: s-maj=19.9km s-min=7.6km az=121.0.
 ISCJB Error ellipse: s-maj=4.8km s-min=3.5km az=54.3.
 NAO Error ellipse: s-maj=0.1km s-min=0.2km az=1.0.
 BER Error ellipse: s-maj=7.6km s-min=32.6km az=1.0.
 HEL Error ellipse: s-maj=0.8km s-min=1.9km az=1.0.

HEL II 25 23 14 50.3-10 66.44N 13.33E 9-1 2.8L,2.8
 IDC II 25 23 14 51.1-1.4 66.37N 13.67E 0 3.1,3.1 ¶18113934
 CSEM II 25 23 14 51.5-17 66.36N 13.82E 30 2.7L,3.1
 NAO II 25 23 14 51.3-2.7 66.54N 13.51E 10-17 2.8L,3.1

HEL Error ellipse: s-maj=0.9km s-min=0.7km az=1.0.
 IDC Error ellipse: s-maj=17.8km s-min=7.1km az=118.0.
 CSEM Event type ke. Error ellipse: s-maj=3.5km s-min=3.3km az=113.0.
 NAO Error ellipse: s-maj=0.2km s-min=0.2km az=1.0.

(652) East of Severnaya Zemlya.

ISC IV 24 17 01 51.4-94 81.91N-02 118.8E-10 11-5 5.1b,4.7s 557 11-165
 BJI IV 24 17 01 47.6 81.90N 118.80E 10 5.3b,5.2s ¶18321114
 ISCJB IV 24 17 01 49.5-83 81.90N-02 119.1E-10 8-5 5.1b,4.7s
 IDC IV 24 17 01 49.9-46 81.98N 118.53E 0 4.7,4.7
 MOS IV 24 17 01 49.7-84 81.87N 118.96E 10 5.3b,4.6s
 HRVD IV 24 17 01 51.7-10 82.00N 119.08E 12 5.3W,4.6s
 NEIC IV 24 17 01 51.7-15 81.93N 118.84E 10 5.2b,4.7s
 SZGRF IV 24 17 02 06.7 82.42N 108.23E 33 5.3b,4.3s

ISC Event type se
 ISCJB Event type se. Error ellipse: s-maj=3.9km s-min=3.3km az=5.1.
 IDC Error ellipse: s-maj=13.7km s-min=10.0km az=170.0.
 MOS Error ellipse: s-maj=23.4km s-min=5.1km az=94.1.
 HRVD Error ellipse: s-maj=6.7km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s63,c90; Mantle waves: s99,c218; Half duration: 1 s1 Moment tensor: Scale 1017 Nm; M₀:1.09±.01 M₀:2.2±.01; M₀:0.87±.02; M₀:0.07±.04; M₀:0.42±.01; M₀:0.0±.05; Best double couple: NP1:0.337,0.0000°; s44,0.0000°; λ-85,0.0000°; NP2:0.151,0.0000°; λ46,0.0000°; λ-94,0.0000°. Principal axes: T 1.0770,Plg1.0000°; Azm244.0000°; N 0.0170,Plg3.0000°; Azm154.0000°; P -1.0940,Plg87.0000°; Azm350.0000°; M₀:1.08500×10¹⁷

NEIC Event type se. Error ellipse: s-maj=4.4km s-min=2.3km az=172.0.
 SZGRF North of Severnaya Zemlya.

ISC IV 25 07 32 06.1-52 81.91N-09 119.1E-40 10 3.6b,3.1s 21 18-81
 MOS IV 25 07 32 04.8-1.3 81.94N 118.77E 10 3.9b,3.1s ¶18646564
 ISCJB IV 25 07 32 05.1-52 81.94N-09 118.9E-40 10 3.6b,3.1s
 IDC IV 25 07 32 05.5-88 82.00N 118.76E 0 3.9,3.8
 MOS Error ellipse: s-maj=99.9km s-min=19.3km az=90.0.
 ISCJB Error ellipse: s-maj=13.6km s-min=8.2km az=30.5.
 IDC Error ellipse: s-maj=27.6km s-min=16.1km az=164.0.

ISC II 09 05 38 21.4-38 79.96N-07 123.9E-30 10 3.8b,3.3s 42 8-82
 ISCJB II 09 05 38 19.8-39 79.88N-07 124.1E-30 10 3.8b,3.3s ¶18319210
 MOS II 09 05 38 19.8-1.1 79.81N 124.05E 11 4.2b,3.3s
 IDC II 09 05 38 20.2-66 80.00N 123.92E 0 4.0,3.9
 NEIC II 09 05 38 21.8-37 79.94N 123.96E 10 4.1b,3.9

ISC Event type se
 ISCJB Event type se. Error ellipse: s-maj=10.0km s-min=8.2km az=142.4.
 MOS Error ellipse: s-maj=59.9km s-min=11.4km az=89.3.

(647) Barents Sea.

ISC IV 29 00 41 33.2-81 76.22N-04 25.8E-30 10 57 0-16

ISCJB IV 29 00 41 30.8-83 76.23N-04 26.1E-30 10 ¶110698162
 HEL IV 29 00 41 34.7-80 76.19N 25.55E 10 3.3L,3.0L
 NEIC IV 29 00 41 35.4 76.24N 25.96E 7 3.2L,3.0L
 CSEM IV 29 00 41 35.1-32 76.14N 26.17E 36-8 3.3L,3.0L
 BER IV 29 00 41 37.0-4.1 76.22N 26.02E 22-15 3.3L,3.0L
 NAO IV 29 00 41 38.1-2.3 75.99N 23.31E 19-13 3.0L,3.0L
 IDC IV 29 00 41 41.4-4.4 75.69N 23.92E 0 3.5,3.3

ISC Event type ke
 ISCJB Event type ke. Error ellipse: s-maj=10.5km s-min=4.9km az=132.2.
 HEL Error ellipse: s-maj=4.8km s-min=10.1km az=1.0.
 NEIC Event type se. After BER
 CSEM Event type ke. Error ellipse: s-maj=9.0km s-min=6.2km az=96.0.
 BER Error ellipse: s-maj=11.7km s-min=84.8km az=1.0.
 NAO Error ellipse: s-maj=0.2km s-min=0.5km az=1.0.
 IDC Error ellipse: s-maj=72.0km s-min=35.0km az=77.0.

(651) North of Severnaya Zemlya.

ISC IV 24 17 53 56.3-43 82.02N-07 118.7E-40 10 3.9b,3.6s 43 11-81
 ISCJB IV 24 17 53 55.0-43 81.97N-07 118.9E-40 10 3.9b,3.6s ¶18646515
 MOS IV 24 17 53 54.8-1.3 81.94N 118.81E 10 4.2b,3.6s
 IDC IV 24 17 53 55.2-69 82.09N 118.31E 0 4.0,3.9
 NEIC IV 24 17 53 56.5-55 82.02N 118.79E 10 4.3b,3.9

ISC Event type se
 ISCJB Event type se. Error ellipse: s-maj=10.2km s-min=8.3km az=20.2.
 MOS Error ellipse: s-maj=68.8km s-min=12.2km az=90.4.
 IDC Error ellipse: s-maj=23.3km s-min=14.3km az=158.0.
 NEIC Event type se. Error ellipse: s-maj=14.5km s-min=11.1km az=160.0.

ISC III 30 12 02 19.4-56 86.24N-09 70E-2.0 10 3.4b,3.0s 21 10-76
 MOS III 30 12 02 17.8-78 86.26N 69.04E 10 4.1b,3.0s ¶110613535
 ISCJB III 30 12 02 18.1-56 86.26N-08 69E-2.0 10 3.4b,3.0s
 IDC III 30 12 02 18.5-82 86.25N 71.09E 0 3.8,3.7
 NEIC III 30 12 02 19.8-46 86.24N 69.92E 10 4.0b,3.7

ISC Event type se
 MOS Error ellipse: s-maj=99.9km s-min=16.0km az=88.5.
 ISCJB Event type se. Error ellipse: s-maj=17.3km s-min=9.8km az=62.1.
 IDC Error ellipse: s-maj=31.8km s-min=15.3km az=113.0.
 NEIC Event type se. Error ellipse: s-maj=14.1km s-min=8.0km az=124.0.
 IDC IV 19 16 31 56.1-2.4 85.57N 80.33E 0 3.6,3.3b ¶19597505

IDC Error ellipse: s-maj=121.2km s-min=27.7km az=101.0.
 IDC V 21 18 06 14.8-1.3 85.23N 98.75E 0 3.6,3.5b ¶19599243

IDC Error ellipse: s-maj=47.8km s-min=21.0km az=129.0.
 IDC V 03 23 15 53.6-1.0 85.85N 80.15E 0 3.7,3.5b ¶19598435

IDC Error ellipse: s-maj=40.3km s-min=17.3km az=127.0.
ISC V 04 08 23 03.5-39 82.02N-07 118.2E-40 10 3.8b 34 11-81
 ISCJB V 04 08 23 01.9-39 81.95N-07 118.3E-40 10 3.8b ¶18713342
 IDC V 04 08 23 01.7-72 81.86N 118.76E 0 4.0,3.9
 MOS V 04 08 23 02.4-2.1 81.91N 118.72E 10 4.2b,3.9
 NEIC V 04 08 23 03.3-46 81.88N 118.87E 10 4.1b,3.9

ISC Event type se
 ISCJB Event type se. Error ellipse: s-maj=9.8km s-min=8.2km az=146.9.
 IDC Error ellipse: s-maj=25.4km s-min=13.7km az=157.0.
 MOS Error ellipse: s-maj=67.4km s-min=11.1km az=89.7.
 NEIC Event type se. Error ellipse: s-maj=14.4km s-min=7.8km az=159.0.

(653) Near coast of northern Siberia.

ISC V 21 15 08 00.2-66 85.3N-10 91E-1.0 10 3.4b,3.2s 15 19-77
 ISCJB V 21 15 07 59.1-65 85.3N-10 90E-1.0 10 3.4b,3.2s ¶18854772
 IDC V 21 15 07 59.2-85 85.24N 91.38E 0 3.7,3.6
 MOS V 21 15 07 59.3-1.6 85.28N 89.62E 10 3.9b,3.6
 NEIC V 21 15 08 00.8-70 85.21N 91.33E 10 4.1b,3.6

ISC Event type se
 ISCJB Event type se. Error ellipse: s-maj=21.2km s-min=12.0km az=104.0.
 IDC Error ellipse: s-maj=29.6km s-min=16.3km az=139.0.
 MOS Error ellipse: s-maj=99.9km s-min=20.4km az=87.1.
 NEIC Event type se. Error ellipse: s-maj=23.9km s-min=13.1km az=139.0.

ISC IV 24 15 16 27.0-3.8 82.02N-04 118.9E-30 14-24 4.3s,3.9b 66 11-165
 IDC IV 24 15 16 24.9-83 81.97N 118.79E 0 4.1s,4.1 ¶110698076
 NEIC IV 24 15 16 26.8-40 81.97N 118.96E 10 4.2b,4.1
 ISCJB IV 24 15 16 27.3-3.0 81.98N-04 119.2E-30 27-21 4.3s,3.9b
 BJI IV 24 15 16 29.3 81.25N 119.34E 10 4.7b,4.7b

ISC Event type se
 IDC Error ellipse: s-maj=26.1km s-min=14.4km az=164.0.
 NEIC Event type se. Error ellipse: s-maj=12.3km s-min=7.7km az=156.0.
 ISCJB Event type se. Error ellipse: s-maj=7.5km s-min=6.9km az=19.4.

(654) East of Severnaya Zemlya.

ISC IV 24 17 01 51.4-94 81.91N-02 118.8E-10 11-5 5.1b,4.7s 557 11-165
 BJI IV 24 17 01 47.6 81.90N 118.80E 10 5.3b,5.2s ¶18321114
 ISCJB IV 24 17 01 49.5-83 81.90N-02 119.1E-10 8-5 5.1b,4.7s
 IDC IV 24 17 01 49.9-46 81.98N 118.53E 0 4.7,4.7
 MOS IV 24 17 01 49.7-84 81.87N 118.96E 10 5.3b,4.6s
 HRVD IV 24 17 01 51.7-10 82.00N 119.08E 12 5.3W,4.6s
 NEIC IV 24 17 01 51.7-15 81.93N 118.84E 10 5.2b,4.7s
 SZGRF IV 24 17 02 06.7 82.42N 108.23E 33 5.3b,4.3s

ISC Event type se
 ISCJB Event type se. Error ellipse: s-maj=3.9km s-min=3.3km az=5.1.
 IDC Error ellipse: s-maj=13.7km s-min=10.0km az=170.0.
 MOS Error ellipse: s-maj=23.4km s-min=5.1km az=94.1.
 HRVD Error ellipse: s-maj=6.7km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s63,c90; Mantle waves: s99,c218; Half duration: 1 s1 Moment tensor: Scale 1017 Nm; M₀:1.09±.01 M₀:2.2±.01; M₀:0.87±.02; M₀:0.07±.04; M₀:0.42±.01; M₀:0.0±.05; Best double couple: NP1:0.337,0.0000°; s44,0.0000°; λ-85,0.0000°; NP2:0.151,0.0000°; λ46,0.0000°; λ-94,0.0000°. Principal axes: T 1.0770,Plg1.0000°; Azm244.0000°; N 0.0170,Plg3.0000°; Azm154.0000°; P -1.0940,Plg87.0000°; Azm350.0000°; M₀:1.08500×10¹⁷

NEIC Event type se. Error ellipse: s-maj=4.4km s-min=2.3km az=172.0.
 SZGRF North of Severnaya Zemlya.

ISC IV 25 07 32 06.1-52 81.91N-09 119.1E-40 10 3.6b,3.1s 21 18-81
 MOS IV 25 07 32 04.8-1.3 81.94N 118.77E 10 3.9b,3.1s ¶18646564
 ISCJB IV 25 07 32 05.1-52 81.94N-09 118.9E-40 10 3.6b,3.1s
 IDC IV 25 07 32 05.5-88 82.00N 118.76E 0 3.9,3.8
 MOS Error ellipse: s-maj=99.9km s-min=19.3km az=90.0.
 ISCJB Error ellipse: s-maj=13.6km s-min=8.2km az=30.5.
 IDC Error ellipse: s-maj=27.6km s-min=16.1km az=164.0.

ISC II 09 05 38 21.4-38 79.96N-07 123.9E-30 10 3.8b,3.3s 42 8-82
 ISCJB II 09 05 38 19.8-39 79.88N-07 124.1E-30 10 3.8b,3.3s ¶18319210
 MOS II 09 05 38 19.8-1.1 79.81N 124.05E 11 4.2b,3.3s
 IDC II 09 05 38 20.2-66 80.00N 123.92E 0 4.0,3.9
 NEIC II 09 05 38 21.8-37 79.94N 123.96E 10 4.1b,3.9

ISC Event type se
 ISCJB Event type se. Error ellipse: s-maj=10.0km s-min=8.2km az=142.4.
 MOS Error ellipse: s-maj=59.9km s-min=11.4km az=89.3.

IDC Error ellipse: s-maj=24.5km s-min=12.7km az=160.0.
 NEIC Event type se. Error ellipse: s-maj=11.0km s-min=7.2km az=167.0.
ISC II 16 20 05 13.3-3.5 81.85N-05 119.5E-30 2-24 4.2b,3.7s 82 10-81
 BYKL V 16 20 05 12.0- 81.90N 119.40E 10 5.3b,4.9b
 BJI II 16 20 05 12.4-3.5 81.83N-06 119.5E-30 5-22 4.2b,3.7s
 ISCJB II 16 20 05 13.0-1.1 81.80N 119.70E 10 4.3b,4.2
 IDC II 16 20 05 13.0-1.1 81.80N 119.70E 10 4.3b,4.2
 MOS II 16 20 05 13.0-1.1 81.80N 119.70E 10 4.3b,4.2
 NEIC II 16 20 05 15.1-2.8 81.91N 119.40E 10 4.4b,4.2
 NAO II 16 20 05 24.1 82.00N 119.00E 10 4.4b,4.2
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=9.9km s-min=7.3km az=122.8.
 IDC Error ellipse: s-maj=20.1km s-min=11.3km az=155.0.
 MOS Error ellipse: s-maj=55.0km s-min=9.7km az=87.5.
 NEIC Event type se. Error ellipse: s-maj=8.3km s-min=5.9km az=153.0.
ISC IV 24 15 16 34.9-14 81.96N-02 119.1E-20 14 4.9b,4.3s 417 18-165
 MOS IV 24 15 16 32.6-8.5 81.87N 119.24E 10 5.0b,4.2s
 BJI IV 24 15 16 32.7 82.00N 119.00E 10 5.1b,4.9b
 ISCJB IV 24 15 16 33.4-14 81.95N-02 119.3E-20 13 4.9b,4.3s
 IDC IV 24 15 16 33.1-4.2 82.00N 118.88E 0 4.7,4.7
 NEIC IV 24 15 16 34.8-14 81.98N 119.00E 10 5.0b,4.2s
 HRVD IV 24 15 16 34.8-20 81.99N 119.13E 12 5.0W,4.4s
 SZGRF IV 24 15 16 45.6 82.16N 110.75E 33 4.9b,3.9s
 ISC Event type se.
 MOS Error ellipse: s-maj=28.9km s-min=5.6km az=94.1.
 ISCJB Event type se. Error ellipse: s-maj=3.3km s-min=3.1km az=152.1.
 IDC Error ellipse: s-maj=13.4km s-min=9.5km az=153.0.
 NEIC Event type se. Error ellipse: s-maj=4.1km s-min=2.5km az=173.0.
 HRVD Error ellipse: s-maj=11.1km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.
 LP body waves: s43,c57; Mantle waves: s95,c168; Half duration: 0 Moment tensor: Scale 10¹⁶ Nm; M_{rr}=4.41±0.09 M_{θθ}=1.23±0.08 M_{φφ}=3.18±0.09 M_{rrθθ}=0.31±0.31; M_{rrφφ}=1.63±0.07; M_{rrφθ}=0.16±0.31;
 Best double couple: NP1:δ₃₃,0.0000° δ₄₅,0.0000° λ₁-84.0000° NP2:δ₁₄,146.0000° δ₄₅,0.0000° λ₁-96.0000° Principal axes: T 4.1040,Plg0.0000° Azm240.0000° ; N 0.3320,Plg4.0000° Azm150.0000° ; P -4.4360,Plg66.0000° Azm332.0000° M₄4.27000×10¹⁶
 SZGRF North of Severnaya Zemlya.

(655) Laptev Sea.

ISC III 28 18 36 56.1-24 76.53N-04 130.5E-20 10 4.4b,3.8s 110 14-96
 BYKL V 28 18 36 53.6 76.60N 130.40E 10 4.9b,4.6b
 BJI III 28 18 36 54.6-24 76.56N-04 130.3E-20 10 4.4b,3.8s
 ISCJB III 28 18 36 55.6-62 76.69N 130.15E 0 4.3,4.2
 IDC III 28 18 36 56.1-1.2 76.52N 130.33E 22 4.6b,4.2
 MOS III 28 18 36 56.6-25 76.61N 130.39E 10 4.5b,4.2
 NEIC III 28 18 36 56.6-25 76.61N 130.39E 10 4.5b,4.2
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=6.0km s-min=4.6km az=74.2.
 IDC Error ellipse: s-maj=22.8km s-min=12.0km az=158.0.
 MOS Error ellipse: s-maj=33.0km s-min=8.9km az=86.9.
 NEIC Event type se. Error ellipse: s-maj=7.9km s-min=5.2km az=156.0.

SEISMIC REGION 41. Eastern Asia.

(656) Southeastern Siberia.

ISC IV 14 01 21 59.3-24 57.38N-03 120.75E-04 10 4.1b 111 1-162
 BYKL V 14 01 21 57.8-37 57.43N 120.82E 10 4.1b
 IDC IV 14 01 21 57.3-53 57.30N 120.74E 0 4.2,4.1
 MOS IV 14 01 21 58.9-1.4 57.41N 120.73E 15 4.3b,4.1
 ISCJB IV 14 01 21 58.1-24 57.38N-03 120.69E-04 10 4.1b,4.1
 NEIC IV 14 01 21 59.4-31 57.34N 120.77E 10 4.5b,4.1
 BJI IV 14 01 22 00.1 57.51N 120.72E 31 4.9L,4.6b
 ISC Event type se.
 BYKL Event type se.
 IDC Error ellipse: s-maj=16.6km s-min=12.7km az=50.0.
 MOS Error ellipse: s-maj=11.2km s-min=9.0km az=82.3.
 ISCJB Event type se. Error ellipse: s-maj=4.1km s-min=3.3km az=169.1.
 NEIC Event type se. Error ellipse: s-maj=8.1km s-min=7.0km az=155.0.
ISC IV 11 21 09 55.5-41 57.55N-03 120.88E-04 10 3.9b 72 1-50
 MOS IV 11 21 09 56.2-1.5 57.64N 121.03E 10 4.1b
 BYKL IV 11 21 09 57.8-51 57.48N 121.03E 10 4.1b
 ISC Event type se.
 MOS Error ellipse: s-maj=16.7km s-min=10.7km az=74.0.
 BYKL Event type se.
BYKL IV 29 06 35 43.1-61 57.39N 120.79E 3-12 10 3.9b 111 1-162
 MOS IV 29 06 35 43.2-49 57.30N 120.78E 10 3.9b
 BYKL Event type se.
 MOS Error ellipse: s-maj=30.0km s-min=21.8km az=146.2.
SKHL IV 20 13 00 10.4-40 54.46N 130.75E 10-0 3.8b 111 1-162
 BYKL V 12 17 56 54.3-36 56.64N 121.22E 5-20 4.7b
 MOS V 12 17 56 54.3-1.8 56.64N 121.21E 11 4.7b
 BYKL Event type se.
 MOS Error ellipse: s-maj=13.2km s-min=10.9km az=53.4.
BYKL IV 20 15 05 26.2-40 57.46N 121.00E 10 4.0b 111 1-162
 MOS IV 20 15 05 29.4-2.1 57.29N 120.78E 10 4.0b
 BYKL Event type se.
 MOS Error ellipse: s-maj=19.7km s-min=13.4km az=137.2.
BYKL IV 21 22 17 45.8-66 57.48N 121.02E 3 4.3b 111 1-162
 MOS IV 21 22 17 48.5-2.2 57.42N 120.83E 3 4.3b
 BYKL Event type se.
 MOS Error ellipse: s-maj=25.9km s-min=17.6km az=136.7.
SKHL VI 07 02 43 56.3-60 51.02N 135.19E 12-1 4.0b 111 1-162
 SKHL III 19 04 27 32.2-10 54.09N 126.80E 6-1 3.9b
 ISC III 08 21 12 15.6-37 57.33N-03 120.73E-03 1 3.5b 87 1-81
 ISCJB III 08 21 12 14.9-38 57.36N-03 120.67E-04 1 3.5b
 MOS III 08 21 12 14.9-2.1 57.30N 120.45E 11 4.8b
 BYKL III 08 21 12 15.4-46 57.38N 120.70E 1-14 4.8b
 IDC III 08 21 12 17.0-1.8 57.30N 120.05E 0 3.5b,3.5
 NEIC III 08 21 12 20.6-98 57.12N 119.67E 10 3.5b,3.5
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=5.0km s-min=2.8km az=10.3.
 MOS Error ellipse: s-maj=11.4km s-min=8.4km az=54.9.
 BYKL Event type se.
 IDC Error ellipse: s-maj=34.6km s-min=29.4km az=86.0.
 NEIC Event type se. Error ellipse: s-maj=24.9km s-min=13.8km az=141.0.
SKHL II 08 17 45 13.7-10 53.02N 128.94E 7-1 3.5b 111 1-162
 SKHL III 25 05 48 42.2-80 54.29N 123.60E 10-0 3.7b
 ISC III 22 22 06 35.1-53 57.31N-04 120.70E-04 5 3.5b 57 1-50
 IDC VI 22 22 06 30.8-11 57.30N 122.25E 0 3.7,3.6
 MOS VI 22 22 06 36.5-1.8 57.43N 120.59E 10 4.1b,3.6
 BYKL VI 22 22 06 36.4-46 57.42N 120.77E 5-13 4.1b,3.6
 ISC Event type se.
 IDC Error ellipse: s-maj=219.5km s-min=49.4km az=127.0.
 MOS Error ellipse: s-maj=18.5km s-min=15.0km az=155.7.
 BYKL Event type se.
ISC III 12 15 15 40.2-22 57.32N-02 121.01E-03 10 4.0b,3.6s 149 1-149
 BYKL III 12 15 15 38.8-42 57.45N 120.93E 10 4.0b,3.6s
 ISCJB III 12 15 15 38.3-23 57.22N-03 121.06E-03 10 4.0b,3.6s
 IDC III 12 15 15 39.5-65 57.40N 120.80E 0 4.1,4.0
 MOS III 12 15 15 39.4-82 57.42N 120.83E 10 4.3b,3.5s
 NEIC III 12 15 15 40.5-40 57.34N 121.00E 10 4.2b,3.5s
 BJI III 12 15 15 41.8 57.01N 120.78E 10 5.0L,4.6b
 ISC Event type se.
 BYKL Event type se.
 ISCJB Event type se. Error ellipse: s-maj=3.7km s-min=2.6km az=174.7.
 IDC Error ellipse: s-maj=17.3km s-min=15.3km az=1.0.
 MOS Error ellipse: s-maj=9.3km s-min=7.2km az=54.8.

Event type se. Error ellipse: s-maj=9.9km s-min=7.1km az=146.0.
BYKL V 12 06 28 47.6-43 57.41N 120.77E 20 4.3b 111 1-81
 V 12 06 28 53.9-3.2 57.20N 120.40E 20 4.3b
 BYKL Event type se.
 MOS Error ellipse: s-maj=33.3km s-min=24.1km az=147.1.
BYKL V 12 16 22 51.5-34 56.68N 121.19E 9-16 4.3b
 V 12 16 22 51.7-1.6 56.59N 121.14E 6 4.3b
 BYKL Event type se.
 MOS Error ellipse: s-maj=31.6km s-min=20.1km az=163.7.
BYKL V 28 16 30 47.3-51 57.43N 120.85E 13 4.3b 111 1-81
 V 28 16 30 48.5-1.2 57.40N 120.80E
 BYKL Event type se.
 MOS Error ellipse: s-maj=27.3km s-min=18.7km az=135.4.
ISC II 13 09 56 12.0-34 57.26N-03 120.75E-04 10 3.4b 59 1-81
 NAO II 13 09 55 24.1 52.35N 130.18E 33 3.8b
 ISCJB II 13 09 56 10.4-36 57.27N-04 120.85E-04 10 3.4b
 IDC II 13 09 56 10.8-94 57.24N 120.48E 0 3.7,3.6
 MOS II 13 09 56 10.5-1.3 57.38N 120.55E 10 3.8b,3.6
 BYKL II 13 09 56 11.1-32 57.39N 120.69E 10 3.8b,3.6
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=5.8km s-min=3.1km az=174.9.
 IDC Error ellipse: s-maj=25.0km s-min=20.5km az=131.0.
 MOS Error ellipse: s-maj=14.3km s-min=10.3km az=56.8.
 BYKL Event type se.
BYKL II 15 11 28 44.0-30 57.38N 120.71E 3-14 4.4b 111 1-81
 MOS II 15 11 28 44.9-2.7 57.33N 120.66E 11 4.4b
 BYKL Event type se.
 MOS Error ellipse: s-maj=21.7km s-min=13.7km az=142.2.
BYKL II 18 08 22 32.6-36 57.39N 120.85E 2-14 4.1b 111 1-81
 MOS II 18 08 22 34.2-1.5 57.30N 120.80E 15 4.1b
 BYKL Event type se.
 MOS Error ellipse: s-maj=32.9km s-min=24.1km az=146.1.
SKHL II 27 00 19 55.6-20 54.24N 126.01E 7-1 3.7b 111 1-81
 BYKL II 18 03 56 13.1-10 52.35N 132.69E 9-1 3.7b
 ISC V 20 00 48 00.1-31 57.41N-03 120.73E-04 10 4.0b,3.6s 113 1-90
 BYKL V 20 00 47 58.2-44 57.45N 120.91E 2-19 4.0b,3.6s
 MOS V 20 00 47 59.1-1.1 57.46N 120.66E 10 4.3b,3.6s
 IDC V 20 00 48 00.9-1.2 57.52N 120.47E 0 4.0,3.9b
 NEIC V 20 00 48 03.8-68 57.73N 120.12E 10 4.0b,3.9b
 ISC Event type se.
 BYKL Event type se.
 MOS Error ellipse: s-maj=10.9km s-min=9.2km az=60.3.
 IDC Error ellipse: s-maj=26.0km s-min=23.1km az=131.0.
 NEIC Event type se. Error ellipse: s-maj=14.7km s-min=9.2km az=92.0.
ISC V 20 04 14 07.1-28 57.28N-03 120.53E-03 10 4.0s,4.0b 94 0-94
 IDC V 20 04 14 05.6-80 57.25N 120.51E 0 4.1,3.9b
 ISCJB V 20 04 14 05.6-29 57.25N-03 120.55E-04 10 4.0s,4.0b
 MOS V 20 04 14 05.8-1.2 57.33N 120.56E 10 4.3b,4.0b
 BYKL V 20 04 14 05.5-41 57.45N 120.89E 10 4.3b,4.0b
 NEIC V 20 04 14 07.3-43 57.25N 120.54E 10 4.0b,4.0b
 BJI V 20 04 14 10.0 57.20N 120.50E 10 4.7L,4.6b
 ISC Event type se.
 IDC Error ellipse: s-maj=21.0km s-min=18.2km az=133.0.
 ISCJB Event type se. Error ellipse: s-maj=4.7km s-min=3.2km az=147.1.
 MOS Error ellipse: s-maj=13.7km s-min=9.6km az=83.0.
 BYKL Event type se.
 NEIC Event type se. Error ellipse: s-maj=11.4km s-min=7.2km az=139.0.
ISC V 19 18 12 40.9-24 57.42N-02 120.79E-03 1 4.0b,3.5s 132 1-82
 BJI V 19 18 12 37.2 57.83N 121.38E 14 5.2L,5.1b
 ISCJB V 19 18 12 39.6-25 57.43N-02 120.71E-03 1 4.0b,3.5s
 BYKL V 19 18 12 40.4-22 57.45N 120.85E 1-12 4.0b,3.5s
 MOS V 19 18 12 40.5-1.1 57.45N 120.72E 10 4.3b,3.5s
 IDC V 19 18 12 41.2-81 57.34N 120.65E 0 4.0,3.8
 NEIC V 19 18 12 42.5-51 57.38N 120.64E 10 4.3b,3.8
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=3.5km s-min=2.3km az=179.0.
 BYKL Event type se.
 MOS Error ellipse: s-maj=10.9km s-min=8.5km az=57.7.
 IDC Error ellipse: s-maj=21.2km s-min=17.6km az=46.0.
 NEIC Event type se. Error ellipse: s-maj=12.6km s-min=9.1km az=151.0.
ISC V 19 22 54 39.6-25 57.40N-03 120.73E-04 10 4.1b,3.7s 144 1-94
 BJI V 19 22 54 36.4 57.39N 121.07E 7 5.1L,4.8s
 BYKL V 19 22 54 37.9-28 57.45N 120.87E 2-14 5.1L,4.8s
 ISCJB V 19 22 54 38.1-25 57.39N-03 120.68E-04 10 4.1b,3.7s
 MOS V 19 22 54 38.4-1.1 57.47N 120.63E 10 4.4b,3.7s
 IDC V 19 22 54 38.2-78 57.42N 120.70E 0 4.2,4.1b
 NEIC V 19 22 54 39.8-51 57.38N 120.67E 10 4.2b,4.1b
 ISC Event type se.
 BYKL Event type se. #FAULT_PLANE Typ Strike Dip Rake NP NS Plane Author # FM 24.00 6.00 -136.00 18 0 IEC + 260.00 60.00 -53.00 IEC #PRINAX sc T_val T_azim T_pl B_val B_azim B_pl P_val P_azim P_pl Author + eTv eTa eTp eBv eBa eBp ePv ePa ePp ICLVD # 325.00 80.00 31.00 222.00 58.00 IEC + 1.00 5.51 3.60 2.08 7.77 3.60 IEC.
 Event type se. Error ellipse: s-maj=4.4km s-min=2.7km az=170.2.
 IDC Error ellipse: s-maj=10.0km s-min=7.9km az=47.1.
 IDC Error ellipse: s-maj=20.0km s-min=17.6km az=4.0.
 NEIC Event type se. Error ellipse: s-maj=12.1km s-min=8.1km az=134.0.
SKHL V 16 23 00 24.5-30 54.71N 124.23E 23-3 3.7b 111 1-82
 SKHL V 19 11 12 52.6-30 56.03N 129.60E 10-0 3.9b 111 1-82
 SKHL V 13 02 31 56.0-20 54.09N 127.47E 10-1 3.9b 111 1-82
 ISC V 20 04 12 27.5-47 57.37N-04 120.69E-04 10 3.7b 67 1-50
 BYKL V 20 04 12 28.1-44 57.41N 120.92E 9-25 3.7b
 MOS V 20 04 12 28.0-1.4 57.51N 120.76E 10 3.9b
 IDC V 20 04 12 30.6-15 57.67N 120.35E 0 3.7b,3.7
 ISC Event type se.
 BYKL Event type se.
 MOS Error ellipse: s-maj=18.8km s-min=16.2km az=96.3.
 IDC Error ellipse: s-maj=319.0km s-min=38.5km az=112.0.
ISC V 20 04 16 00.3-62 57.32N-04 120.76E-04 10 3.8b 29 1-78
 IDC V 20 04 16 02.8-1.2 57.65N 120.45E 0 4.0,3.8b
 BYKL V 20 04 16 02.5-54 57.37N 120.90E 10-0 4.0,3.8b
 ISC Event type se.
 IDC Error ellipse: s-maj=40.1km s-min=28.3km az=54.0.
 BYKL Event type se.
BYKL I 26 21 53 33.4-45 57.39N 120.91E 2-27 4.0b 111 1-82
 MOS I 26 21 53 35.8-1.8 57.33N 120.54E 10 4.0b
 BYKL Event type se.
 MOS Error ellipse: s-maj=30.9km s-min=19.9km az=135.2.
SKHL I 19 03 06 04.9-40 54.33N 135.33E 7-1 3.7b 111 1-82
 SKHL I 14 08 31 39.1-10 55.43N 130.65E 9-1 3.5b 111 1-82
 BYKL I 18 21 35 15.3-58 57.41N 120.88E 6-16 4.4b 111 1-82
 MOS I 18 21 35 14.6-2.0 57.45N 120.90E 5 4.4b
 BYKL Event type se.
 MOS Error ellipse: s-maj=22.4km s-min=14.5km az=142.4.
SKHL I 01 09 30 07.5-60 54.16N 126.93E 6-2 3.6b 111 1-82
 BYKL I 22 06 13 59.0-25 55.62N 120.59E 9-23 4.2b 111 1-82
 MOS I 22 06 13 59.3-1.8 55.47N 120.49E 10 4.2b
 BYKL Event type se.
 MOS Error ellipse: s-maj=15.7km s-min=14.2km az=98.5.
BYKL I 26 21 28 18.0-55 57.43N 120.94E 10-27 4.0b 111 1-82
 MOS I 26 21 28 20.8-2.7 57.35N 120.73E 10 4.0b
 BYKL Event type se.
 MOS Error ellipse: s-maj=36.4km s-min=31.3km az=164.2.
SKHL I 11 23 21 49.9-20 53.96N 127.98E 13-2 4.6b 111 1-82

NEIC Event type fe. Error ellipse: s-maj=14.9km s-min=9.9km az=201.0. Felt at Tangshan and Tianjin
 MOS Error ellipse: s-maj=15.7km s-min=11.2km az=120.9.
 BJI VI 12 23 16 29.0 42.6N 120.48E 15 4.5b,3.4L ¶18750426

ISC IV 07 08 06 27.9-54 39.09N-04 112.53E-04 10 3.2b 22 ¶18564353
 ISCJB IV 07 08 06 27.3-59 39.18N-05 112.56E-04 10 3.2b
 IDC IV 07 08 06 29.1-1.5 39.23N 112.48E 0 3.4,3.3L
 BJI IV 07 08 06 29.1 39.23N 112.80E 14 3.6s,3.6L
 NEIC IV 07 08 06 30.2-1.1 39.32N 112.74E 10 3.6s,3.6L

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=7.8km s-min=3.8km az=48.5.
 IDC Error ellipse: s-maj=56.0km s-min=24.6km az=62.0.
 NEIC Event type se. Error ellipse: s-maj=25.0km s-min=13.6km az=204.0.

(659) North Korea.

ISC II 13 18 31 48.6-46 38.85N-04 125.99E-05 10 19 1-5
 ISCJB II 13 18 31 46.8-49 38.93N-04 125.92E-06 10 ¶18438612
 KMA II 13 18 31 51.1-1.0 38.67N 126.03E 3.0L
 BJI II 13 18 31 51.3 38.70N 125.99E 15 3.5L
 ISCJB Error ellipse: s-maj=7.5km s-min=3.5km az=103.2.

(660) Sea of Japan.

ISC IV 30 00 02 10.3-16 37.29N-03 134.89E-03 386-2 4.3b 227 2-151
 SZGRF IV 30 00 01 29.0 36.83N 135.73E 33 4.4b ¶18321349
 BJI IV 30 00 02 07.7 37.28N 134.99E 398 5.0b,4.7b
 MOS IV 30 00 02 08.6-86 37.34N 134.74E 381 4.3b,4.7b
 IDC IV 30 00 02 09.8-73 37.25N 134.75E 381-8 4.5,3.9
 ISCJB IV 30 00 02 09.5-16 37.30N-03 134.88E-03 390-2 4.3b,3.9
 NEIC IV 30 00 02 10.0 37.26N 134.98E 397 4.5b,3.9
 JMA IV 30 00 02 10.0-10 37.26N 134.98E 397-1 4.3,3.9

ISC Event type se.
 SZGRF Sea of Japan.
 MOS Error ellipse: s-maj=12.1km s-min=8.1km az=92.0.
 IDC Error ellipse: s-maj=10.3km s-min=8.4km az=93.0.
 ISCJB Event type se. Error ellipse: s-maj=5.7km s-min=3.6km az=119.5.
 NEIC Event type se. After JMA.
 JMA Error ellipse: s-maj=1.1km s-min=0.9km az=-1.0.
 ISC III 17 08 06 20.1-32 36.98N-08 134.94E-06 372-4 3.6b 46 1-151
 ISC III 17 08 06 19.3-32 36.97N-07 134.96E-06 379-4 3.6b ¶110605221
 NEIC III 17 08 06 19.8 36.97N 134.92E 377 3.4
 JMA III 17 08 06 19.7-20 36.97N 134.92E 377-2 3.4
 IDC III 17 08 06 19.9-94 36.97N 134.88E 370-10 3.9,3.4

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=12.2km s-min=6.5km az=142.6.
 NEIC Event type se. After JMA.
 JMA Error ellipse: s-maj=2.2km s-min=1.8km az=-1.0.
 IDC Error ellipse: s-maj=16.2km s-min=11.3km az=113.0.
 JMA III 28 06 49 22.2-20 37.82N 135.53E 369 3.5 ¶110612171

JMA Error ellipse: s-maj=4.4km s-min=2.6km az=-1.0.
 ISC IV 28 14 47 53.8-95 37.07N-06 130.06E-05 1-8 23 1-3
 JMA IV 28 14 47 54.3-20 37.05N 130.10E 12 3.2 ¶19598149
 ISCJB IV 28 14 47 55.4-2.2 37.08N-06 130.06E-05 15-18 3.2
 KMA IV 28 14 47 55.1 37.09N 129.93E 3.0L

JMA Error ellipse: s-maj=2.2km s-min=0.9km az=-1.0.
 ISCJB Error ellipse: s-maj=10.0km s-min=7.0km az=14.3.
 ISC VI 22 17 40 44.1-15 37.64N-03 135.53E-02 352-1 4.3b 346 1-160
 NIED VI 22 17 40 00 37.60N 135.80E 360 4.5W ¶110699050
 BJI VI 22 17 40 42.6 37.68N 135.64E 377 5.0b,4.5b
 MOS VI 22 17 40 42.6-89 37.66N 135.51E 356 4.5b,4.5b
 IDC VI 22 17 40 43.3-67 37.63N 135.50E 347-7 4.6,4.0
 JMA VI 22 17 40 43.3-10 37.60N 135.76E 369-1 4.2,4.0
 NEIC VI 22 17 40 43.5-33 37.64N 135.52E 351-3 4.6b,4.5W
 ISCJB VI 22 17 40 43.1-16 37.67N-03 135.47E-03 355-1 4.3b,4.5W

ISC Event type se.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:192.00000°,δ80.00000°,λ73.00000°. NP2:φ:73.00000°,δ19.00000°,λ150.00000°. M:6.37000x10¹⁵
 NEIC Event type se. Moment Tensor Solution. M:6.40000x10¹⁵
 ISCJB Event type se.

ISC VI 23 19 54 55.6-57 38.54N-10 133.80E-20 457-14 3.3b 25 3-70
 ISCJB VI 23 19 54 54.9-55 38.55N-10 133.9E-10 468-13 3.3b ¶19222506
 JMA VI 23 19 54 55.8-30 38.47N 133.98E 465 3.0
 NEIC VI 23 19 54 55.4-64 38.55N 133.72E 449-14 3.9b
 IDC VI 23 19 54 55.3-1.6 38.56N 133.75E 447-25 3.7,3.0

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=20.3km s-min=12.3km az=67.2.
 JMA Error ellipse: s-maj=4.4km s-min=5.2km az=-1.0.
 NEIC Event type se. Error ellipse: s-maj=22.6km s-min=14.1km az=78.0.
 IDC Error ellipse: s-maj=33.1km s-min=18.7km az=63.0.
 ISC II 05 02 19 54.0-44 37.83N-08 134.94E-09 377-7 3.3b 36 2-94
 JMA II 05 02 19 52.9-40 37.78N 134.98E 396-4 3.2 ¶19489930
 ISCJB II 05 02 19 53.2-43 37.78N-08 134.97E-09 388-7 3.3b
 IDC II 05 02 19 53.7-1.5 37.77N 134.76E 366-17 3.6,3.2
 NEIC II 05 02 19 53.9-60 37.71N 134.74E 372-8 3.6b,3.2

ISC Event type se.
 JMA Error ellipse: s-maj=3.3km s-min=2.6km az=-1.0.
 ISCJB Event type se. Error ellipse: s-maj=14.3km s-min=8.3km az=101.5.
 IDC Error ellipse: s-maj=19.6km s-min=14.3km az=91.0.
 NEIC Event type se. Error ellipse: s-maj=15.3km s-min=12.3km az=223.0.
 ISC II 05 08 43 39.2-48 38.40N-09 133.80E-08 471-11 3.0b 38 3-66
 ISC II 05 08 43 38.1-48 38.42N-09 133.73E-08 470-11 3.0b ¶19490032
 IDC II 05 08 43 38.5-2.2 37.96N 133.43E 477-70 3.3,2.6
 NEIC II 05 08 43 38.7 38.35N 133.78E 477 3.4,2.6
 JMA II 05 08 43 38.6-30 38.35N 133.78E 477 3.5,2.6

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=13.9km s-min=8.9km az=135.0.
 IDC Error ellipse: s-maj=167.5km s-min=25.9km az=2.0.
 NEIC Event type se. After JMA.
 JMA Error ellipse: s-maj=3.3km s-min=3.5km az=-1.0.
 ISC II 19 00 44 56.7-74 37.7N-10 135.6E-20 369-13 2.7b 15 2-57
 ISC II 19 00 44 55.8-72 37.7N-10 135.6E-20 378-13 2.7b ¶19494524
 IDC II 19 00 44 56.5-1.5 37.65N 135.42E 366-64 3.2,2.7
 JMA II 19 00 44 56.4-20 37.67N 135.58E 371 2.8,2.7

ISCJB Error ellipse: s-maj=26.0km s-min=17.8km az=112.5.
 IDC Error ellipse: s-maj=185.0km s-min=21.7km az=56.0.
 JMA Error ellipse: s-maj=4.4km s-min=3.5km az=-1.0.
 JMA VI 14 04 51 16.5-30 37.33N 134.64E 418 3.7 ¶19815889

JMA Error ellipse: s-maj=4.4km s-min=3.5km az=-1.0.
 ISC VI 04 02 11 39.5-25 37.74N-06 134.43E-05 401-4 3.9b 82 2-151
 NIED VI 04 02 11 00 37.70N 134.50E 460 4.2W ¶18747107
 BJI VI 04 02 11 35.7 37.67N 134.65E 399 4.7b,4.5b
 JMA VI 04 02 11 38.4-20 37.69N 134.47E 417-2 4.2,4.5b
 IDC VI 04 02 11 38.5-1.4 37.75N 134.31E 385-14 4.2,3.6
 ISCJB VI 04 02 11 38.6-25 37.77N-05 134.42E-05 406-4 3.9b,3.6
 MOS VI 04 02 11 38.3-96 37.72N 134.41E 409 3.9b,3.6
 NEIC VI 04 02 11 39.6-42 37.71N 134.35E 400-5 4.1b,3.6

ISC Event type se.
 NIED Moment Tensor Solution. Best double couple: NP1:φ:194.00000°,δ78.00000°,λ124.00000°. NP2:φ:301.00000°,δ36.00000°,λ20.00000°. M:2.37000x10¹⁵
 JMA Error ellipse: s-maj=2.2km s-min=1.8km az=-1.0.
 IDC Error ellipse: s-maj=14.6km s-min=12.6km az=61.0.
 ISCJB Event type se. Error ellipse: s-maj=8.3km s-min=6.4km az=135.7.
 MOS Error ellipse: s-maj=16.7km s-min=10.2km az=128.5.
 NEIC Event type se. Error ellipse: s-maj=11.5km s-min=6.8km az=180.0.

(661) Primorye.

ISC III 03 15 39 36.6-26 44.73N-03 135.50E-04 353-2 4.1b 191 1-148
 BJI III 03 15 39 33.6 44.70N 135.50E 351 4.5b,4.4b ¶110596657
 MOS III 03 15 39 35.8-1.0 44.69N 135.50E 360 4.3b,4.4b

ISCJB III 03 15 39 36.1-26 44.73N-03 135.50E-05 358-2 4.1b,4.4b
 NEIC III 03 15 39 36.6-23 44.71N 135.53E 352 4.4b,4.4b
 SKHL III 03 15 39 36.4-90 44.81N 135.41E 347-6 4.6s,4.5b
 IDC III 03 15 39 36.2-1.1 44.63N 135.44E 346-11 4.5,3.9

ISC Event type se.
 MOS Error ellipse: s-maj=10.0km s-min=5.4km az=110.4.
 ISCJB Event type se. Error ellipse: s-maj=5.2km s-min=4.6km az=54.7.
 NEIC Event type se. Error ellipse: s-maj=6.2km s-min=5.1km az=105.0.
 IDC Error ellipse: s-maj=10.1km s-min=9.3km az=12.0.
 ISC III 24 10 54 59.0-23 47.21N-03 139.16E-07 463-4 3.8b 104 2-73
 BJI III 24 10 54 57.9 47.06N 139.29E 474 4.4b,4.3b ¶110609578
 MOS III 24 10 54 57.3-94 47.22N 139.15E 455 3.8b,4.3b
 ISCJB III 24 10 54 58.0-23 47.13N-03 139.14E-07 466-4 3.8b,4.3b
 NEIC III 24 10 54 59.7-40 47.11N 139.26E 479-8 4.1b,4.3b
 IDC III 24 10 54 59.3-1.5 47.27N 139.15E 459-24 4.2,3.5
 JMA III 24 10 55 00.7-40 46.92N 139.72E 489 3.9,3.5
 SKHL III 24 10 55 00.2-1.3 47.33N 138.83E 461-8 4.3b,4.3s

ISC Event type se.
 MOS Error ellipse: s-maj=16.5km s-min=8.6km az=114.5.
 ISCJB Event type se. Error ellipse: s-maj=7.6km s-min=4.5km az=157.9.
 NEIC Event type se. Error ellipse: s-maj=10.4km s-min=6.3km az=132.0.
 IDC Error ellipse: s-maj=25.6km s-min=11.0km az=174.0.
 JMA Error ellipse: s-maj=6.7km s-min=6.1km az=-1.0.
 ISC II 15 23 01 05.7-76 43.45N-09 135.2E-10 355-7 3.3b 40 2-146
 NAO II 15 23 00 37.7 45.89N 139.78E 33 4.0b ¶110539395
 MOS II 15 23 00 41.4-1.9 45.82N 134.82E 10 4.3b
 SKHL II 15 23 01 03.3-1.1 43.35N 134.82E 341-20 4.5s,4.3b
 ISCJB II 15 23 01 04.5-70 43.38N-08 135.2E-10 358-7 3.3b,4.3b
 IDC II 15 23 01 06.1-1.8 43.32N 135.33E 362-19 3.8,3.3

MOS Error ellipse: s-maj=18.6km s-min=14.3km az=83.0.
 ISCJB Error ellipse: s-maj=16.4km s-min=8.7km az=102.6.
 IDC Error ellipse: s-maj=18.6km s-min=17.1km az=64.0.
 SKHL I 24 05 09 41.1-1.0 52.92N 137.35E 10-0 3.7b ¶19430999

ISC IV 30 14 56 27.2-72 53.59N-05 140.34E-05 10 23 0-79
 ISCJB IV 30 14 56 27.1-80 53.55N-06 140.09E-05 10 ¶18646774
 SKHL IV 30 14 56 27.9-80 53.60N 140.50E 10-0 3.8b
 MOS IV 30 14 56 27.0-94 53.50N 140.50E 10 3.9b

ISC Event type fe. Error ellipse: s-maj=9.0km s-min=4.6km az=17.6.
 ISCJB Event type fe. Error ellipse: s-maj=43.7km s-min=18.2km az=101.2. Felt (II-III) at Chhya.
 MOS Moment Tensor Solution.

(662) Sakhalin Island.

SKHL IV 14 11 52 42.1-60 52.60N 142.80E 10-0 4.0b ¶19788187

ISC IV 16 00 47 49.3-65 52.87N-04 142.72E-07 10 3.5b 27 1-77
 SKHL IV 16 00 47 45.7-70 52.90N 142.80E 10-0 4.2b ¶18646076
 ISCJB IV 16 00 47 46.9-60 52.84N-03 142.70E-06 10 3.5b
 IDC IV 16 00 47 50.7-1.1 53.00N 142.72E 0 3.7,3.5b
 MOS IV 16 00 47 51.4-1.6 53.19N 142.67E 17 4.0b,3.5b

ISC Event type fe. Felt (II) at Sabo.
 ISCJB Event type fe. Error ellipse: s-maj=5.5km s-min=3.9km az=59.3.
 IDC Error ellipse: s-maj=33.1km s-min=23.0km az=149.0.
 MOS Event type fe. Error ellipse: s-maj=50.3km s-min=22.7km az=76.7. Felt (I-II) at Sabo.
 Moment Tensor Solution.

SKHL VI 10 15 50 30.6-1.1 48.57N 141.80E 10-0 3.5b ¶19970801

SKHL III 20 23 29 33.2-1.8 54.20N 142.50E 10-0 4.3b ¶110607536

SKHL III 28 23 04 03.7-00 52.80N 142.80E 10-0 3.7b ¶110612574

SKHL III 01 17 10 09.2-30 54.10N 142.80E 10-0 4.1b ¶110595275

ISC VI 09 01 26 28.8-58 49.76N-03 142.00E-07 11-5 3.9b 23 1-65
 IDC VI 09 01 26 20.2-38 49.14N 143.48E 0 3.9b,3.9
 ISCJB VI 09 01 26 26.6-55 49.78N-02 141.89E-06 10-5 3.9b,3.9
 SKHL VI 09 01 26 27.6-1.5 49.77N 141.91E 10-0 4.0b,3.4s ¶19599917

IDC Error ellipse: s-maj=822.7km s-min=80.4km az=146.0.
 ISCJB Error ellipse: s-maj=6.7km s-min=3.7km az=158.2.
 ISC VI 24 04 34 46.8-16 48.38N-02 142.60E-04 17 4.5b,3.7s 257 1-155
 MOS VI 24 04 34 44.2-81 48.37N 142.61E 10 4.0b,4.0s ¶110699071
 ISCJB VI 24 04 34 45.1-1.7 48.34N-02 142.59E-04 16 4.5b,3.7s
 SKHL VI 24 04 34 45.1-1.7 48.30N 141.90E 10-2 5.8,5.4
 BJI VI 24 04 34 45.0 48.25N 142.59E 15 4.6b,4.4b
 NEIC VI 24 04 34 46.7-12 48.34N 142.55E 17 4.6b,4.4b
 IDC VI 24 04 34 50.2-2.0 48.29N 142.57E 45-20 4.3,4.3
 SZGRF VI 24 04 34 51.2 48.70N 143.38E 33 4.4b,4.3

ISC Event type fe.
 MOS Event type fe. Error ellipse: s-maj=10.0km s-min=4.9km az=96.5. Felt (III) at Makarov, (II-III) at Ulegorsk, Shakhtersk, (II) at Poronaisk. Moment Tensor Solution.
 ISCJB Event type fe. Error ellipse: s-maj=4.1km s-min=3.2km az=50.3.
 NEIC Event type fe. Error ellipse: s-maj=3.8km s-min=3.2km az=111.0. Felt (III) at Makarov, Shakhtersk and Ulegorsk; [II] at Poronaisk.
 IDC Error ellipse: s-maj=14.1km s-min=10.8km az=90.0.
 SZGRF Sakhalin Island, Russia.

ISC III 03 15 27 17.6-57 47.14N-03 142.21E-10 10 17 0-8
 JMA III 03 15 27 14.6-30 47.36N 141.91E 16 3.0 ¶110596647
 ISCJB III 03 15 27 16.5-55 47.15N-02 142.19E-09 10 3.0
 SKHL III 03 15 27 17.8-60 47.20N 142.30E 10-0 4.0b

JMA Error ellipse: s-maj=2.2km s-min=3.0km az=-1.0.
 ISCJB Error ellipse: s-maj=9.4km s-min=3.3km az=164.0.
 SKHL VI 16 13 13 35.5-90 48.70N 142.21E 10-0 4.0b ¶19971079

SKHL II 17 22 13 32.8-00 53.00N 142.80E 10-0 3.9b ¶19661817

ISC II 19 10 26 36.0-36 46.03N-04 143.07E-09 336-4 3.2b 53 1-71
 MOS II 19 10 26 21.5-1.8 44.89N 148.51E 106 4.0b ¶19494677
 ISCJB II 19 10 26 35.1-36 46.01N-04 143.05E-09 342-4 3.2b
 JMA II 19 10 26 36.7-30 45.86N 143.16E 338-3 3.7
 SKHL II 19 10 26 36.9-5.2 46.20N 143.10E 337-1 4.5s,3.8b
 IDC II 19 10 26 36.1-7.9 46.19N 142.96E 328-16 3.8,3.3
 NEIC II 19 10 26 36.6-7.4 45.95N 143.11E 341-9 4.0b,3.3

ISC Event type se.
 MOS Error ellipse: s-maj=36.6km s-min=23.2km az=73.4.
 ISCJB Event type se. Error ellipse: s-maj=10.2km s-min=6.2km az=173.4.
 JMA Error ellipse: s-maj=3.3km s-min=3.1km az=-1.0.
 IDC Error ellipse: s-maj=30.6km s-min=18.6km az=162.0.
 NEIC Event type se. Error ellipse: s-maj=19.1km s-min=11.6km az=125.0.
 SKHL IV 01 17 56 30.0-10 53.00N 142.90E 10-0 3.8b ¶19784133

SKHL IV 30 18 44 51.3-20 52.60N 142.80E 10-0 3.7b ¶19800457

ISC V 13 20 18 58.4-1.7 48.65N-06 142.5E-20 11-11 3.8b 18 0-72
 IDC V 13 20 18 56.9-94 48.67N 142.32E 0 3.9,3.7L ¶18713576
 MOS V 13 20 18 56.8-74 48.67N 142.39E 13 4.0b,1.3,3.7L
 ISCJB V 13 20 18 58.9-1.3 48.66N-05 142.4E-20 27-10 3.8b,3.7L
 NEIC V 13 20 18 58.4-60 48.65N 142.33E 10 3.8b,3.7L

ISC Event type se.
 IDC Error ellipse: s-maj=25.5km s-min=22.6km az=118.0.
 MOS Error ellipse: s-maj=27.3km s-min=12.1km az=97.8.
 ISCJB Event type se. Error ellipse: s-maj=18.9km s-min=8.2km az=154.3.
 NEIC Event type se. Error ellipse: s-maj=16.4km s-min=10.6km az=89.0.
 SKHL I 31 03 15 19.9-20 53.00N 142.00E 10-0 4.0b ¶19431260

SKHL I 11 19 15 09.1-10 52.60N 142.60E 10-0 4.2b ¶19430597

SKHL I 01 08 11 04.1-20 52.50N 142.50E 10-0 3.6b ¶19430345

MOS I 27 09 58 23.7-2.2 47.41N 142.79E 10 3.5b

MOS Event type se. Error ellipse: s-maj=99.9km s-min=30.9km az=81.9. Felt (III) at Uglezavodsk.
 Moment Tensor Solution.
ISC I 03 07 00 02.0-41 48.66N-02 141.79E-06 10 3.5b 38 0-69
 SKHL I 03 06 59 58.9-40 48.60N 141.60E 10-0 4.5b
 ISCJB I 03 06 59 58.9-41 48.66N-02 141.61E-05 10 3.5b
 IDC I 03 07 00 00.8-1.3 48.70N 142.31E 0 3.8,3.7
 MOS I 03 07 00 00.8-1.0 48.79N 142.30E 10 4.0b,3.7
 ISCJB Error ellipse: s-maj=4.5km s-min=2.9km az=167.8.
 IDC Error ellipse: s-maj=33.2km s-min=22.1km az=167.0.
 MOS Error ellipse: s-maj=44.6km s-min=23.5km az=94.9.
ISC I 07 22 53 09.0-63 46.70N-03 142.4E-10 10 13 0-9
 SKHL I 07 22 53 08.8-2.6 46.70N 142.30E 10-0 4.3b
 JMA I 07 22 53 07.3-30 46.87N 142.39E 33 2.9
 ISCJB I 07 22 53 08.2-57 46.72N-03 142.43E-09 10 2.9

(663) Sea of Okhotsk.

ISC IV 18 13 00 26.1-15 46.93N-02 144.86E-04 394 4.7b 475 1-154
 SZGRF IV 18 12 59 43.2 46.68N 146.14E 33 5.6b
 NIED IV 18 13 00 00 46.60N 144.90E 400 4.7W
 SKHL IV 18 13 00 24.0-10 47.16N 145.61E 400-30 6.0b,5.6
 ISCJB IV 18 13 00 25.2-15 46.95N-02 144.80E-04 392 4.7b,5.6
 BJI IV 18 13 00 25.3 47.11N 144.66E 388 4.9b,4.6b
 JMA IV 18 13 00 26.4-30 46.57N 144.90E 418 4.5,4.6b
 NEIC IV 18 13 00 26.8-12 46.98N 144.75E 395 4.8b,4.6b
 IDC IV 18 13 00 26.4-48 46.91N 144.73E 393-4 5.0,4.3
 MOS IV 18 13 00 26.2-1.0 46.94N 144.72E 404 4.8b,4.3

ISC Event type se.
 SZGRF Northwest of Kuril Islands, Russia.
 NIED Moment Tensor Solution. Best double couple: NP1:φ43.00000°,δ82.00000°,λ-113.00000°.
 NP2:φ295.00000°,δ24.00000°,λ20.00000°. M₀1.11000×10¹⁶

ISCJB Event type se. Error ellipse: s-maj=3.5km s-min=2.2km az=25.4.
 JMA Error ellipse: s-maj=4.4km s-min=3.8km az=1.0.
 NEIC Event type se. Error ellipse: s-maj=3.6km s-min=2.6km az=110.0.
 IDC Error ellipse: s-maj=8.4km s-min=6.1km az=104.0.
 MOS Error ellipse: s-maj=9.1km s-min=4.2km az=107.0.
ISC III 18 00 15 01.6-42 53.39N-07 153.9E-10 467-6 3.4b 63 2-79
 KRSC III 18 00 14 55.8-70 52.84N 154.58E 557-7 4.0L
 ISCJB III 18 00 15 00.9-42 53.42N-07 153.9E-10 469-6 3.4b
 MOS III 18 00 15 00.0-97 53.40N 154.78E 515 4.0b
 NEIC III 18 00 15 01.7-75 53.50N 153.78E 463-10 4.0b
 IDC III 18 00 15 02.9-1.6 53.50N 153.77E 478-19 4.0,3.3

ISC Event type se.
 KRSC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=14.1km s-min=9.4km az=45.9.
 MOS Error ellipse: s-maj=27.9km s-min=17.5km az=100.3.
 NEIC Event type se. Error ellipse: s-maj=15.7km s-min=11.0km az=134.0.
 IDC Error ellipse: s-maj=16.0km s-min=11.5km az=133.0.
ISC III 10 03 14 08.3-46 46.5N-10 144.8E-10 424-10 3.1b 32 2-67
 ISCJB III 10 03 14 07.5-46 46.6N-10 144.8E-10 422-10 3.1b
 IDC III 10 03 14 08.8-1.7 47.00N 144.69E 393-21 3.5,3.0
 MOS III 10 03 14 08.1-55 47.02N 144.50E 406 3.5b,3.0
 NEIC III 10 03 14 09.3-61 47.02N 144.70E 399-7 3.4b,3.0
 JMA III 10 03 14 09.3-50 46.51N 144.79E 413 3.2,3.0
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=18.9km s-min=13.1km az=98.5.
 IDC Error ellipse: s-maj=23.3km s-min=16.6km az=123.0.
 MOS Error ellipse: s-maj=36.8km s-min=15.1km az=72.6.
 NEIC Event type se. Error ellipse: s-maj=15.9km s-min=9.7km az=130.0.
 JMA Error ellipse: s-maj=5.6km s-min=6.1km az=1.0.
IDC III 17 08 32 33.8-8.3 49.87N 146.06E 674-101 3.7,2.9

ISC Event type se.
 IDC Error ellipse: s-maj=112.1km s-min=19.4km az=163.0.
ISC VI 07 20 58 27.7-90 46.37N-08 144.9E-10 387-6 3.2b 38 2-70
 MOS VI 07 20 58 21.6-1.6 47.11N 145.1E 384 3.6b
 IDC VI 07 20 58 22.4-2.8 47.07N 145.50E 371-23 3.7,3.1
 NEIC VI 07 20 58 23.1-1.7 47.12N 145.61E 382-12 4.2b,3.1
 JMA VI 07 20 58 24.6-40 46.55N 145.08E 402 3.7,3.1
 ISCJB VI 07 20 58 25.2-86 46.51N-08 145.0E-20 396-6 3.2b,3.1

ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.
ISC VI 16 18 29 30.2-07 46.51N-01 144.48E-02 375 5.4b 1487 1-154
 ORF VI 16 18 28 45.8 45.27N 146.02E 30 6.0b
 SZGRF VI 16 18 28 49.0 46.32N 146.11E 33 5.9b
 NIED VI 16 18 29 00 46.20N 144.70E 380 5.4W
 MOS VI 16 18 29 28.1-85 46.63N 144.58E 360 5.5b
 CSEM VI 16 18 29 28.1 46.82N 144.52E 354 5.5b
 BJI VI 16 18 29 28.2 46.62N 144.46E 359 5.0b,4.8b
 HRVD VI 16 18 29 29.6-40 46.44N 144.56E 375-1 5.3W,4.8b
 JMA VI 16 18 29 29.2-40 46.23N 144.73E 387-4 5.5,4.8b
 ISCJB VI 16 18 29 29.0-07 46.49N-01 144.52E-02 373 5.4b,4.8b
 IDC VI 16 18 29 29.2-42 46.47N 144.67E 365-4 5.4,4.7
 NEIC VI 16 18 29 29.6-09 46.61N 144.53E 365 5.4b,4.7
 SKHL VI 16 18 29 29.3-60 46.70N 145.20E 355-15 6.6,6.4
 BGS VI 16 18 29 32.0-1.0 47.16N 145.50E 369-0 5.4b,6.4

ISC Event type se.
 SZGRF Northwest of Kuril Islands, Russia.
 NIED Moment Tensor Solution. Best double couple: NP1:φ40.00000°,δ66.00000°,λ103.00000°.
 NP2:φ190.00000°,δ27.00000°,λ63.00000°. M₀1.44000×10¹⁷

MOS Error ellipse: s-maj=6.4km s-min=3.4km az=108.4.
 HRVD Error ellipse: s-maj=4.4km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s.
 Centroid Moment Tensor Solution. LP body waves: s56.c99;Half duration: 1s1
 Moment tensor: Scale 10¹⁷Nm; M_r0.35±0.3 M₀0.72±0.5; M₀1.07±0.4; M₀0.79±0.4;
 M₀±0.15±0.4; M₀±0.34±0.4; Best double couple: NP1:φ147.00000°,δ49.00000°,λ18.00000°.
 NP2:φ45.00000°,δ77.00000°,λ137.00000°. Principal axes: T 1.3510,Plg39.0000°
 Azm357.0000°; N -0.1330,Plg46.0000°; Azm211.0000°; P -1.2140,Plg18.0000°
 Azm102.0000°; M₀1.28200×10¹⁷

JMA Event type se. Error ellipse: s-maj=3.3km s-min=3.8km az=1.0.
 ISCJB Event type se. Error ellipse: s-maj=2.0km s-min=1.5km az=74.0.
 IDC Error ellipse: s-maj=7.1km s-min=6.3km az=103.0.
 NEIC Event type se. Error ellipse: s-maj=2.9km s-min=2.0km az=173.0. Recorded [2 JMA] in southwestern Hokkaido and [1 JMA] in south-central and eastern Hokkaido. Also recorded [2 JMA] in Aomori and Iwate; [1 JMA] in Miyagi Prefectures, Honshu.
 Error ellipse: s-maj=82.8km s-min=196.9km az=1.0.
ISC III 07 00 18 09.4-57 49.61N-07 147.3E-10 599-7 4.0b 59 4-144
 ISCJB III 07 00 18 09.1-54 49.62N-07 147.3E-10 610-8 4.0b
 NEIC III 07 00 18 09.7-55 49.55N 147.28E 604-8 4.0b
 MOS III 07 00 18 09.0-66 49.65N 147.18E 607 3.9b
 IDC III 07 00 18 09.4-1.4 49.57N 147.25E 596-20 4.4,3.6

ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=11.7km s-min=8.3km az=97.3.
 NEIC Event type se. Error ellipse: s-maj=8.1km s-min=6.0km az=136.0.
 MOS Error ellipse: s-maj=18.7km s-min=10.6km az=84.3.
 IDC Error ellipse: s-maj=12.6km s-min=9.2km az=134.0.
IDC I 16 21 28 05.2-2.5 49.63N 147.81E 0 4.4L,3.9

ISC Event type se.
 IDC Error ellipse: s-maj=69.3km s-min=34.2km az=149.0.
IDC I 06 16 27 26.8-56 48.95N 144.86E 660-432 3.8,2.9

ISC Event type se.
 KRSC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=16.3km s-min=10.5km az=28.0.
 MOS Error ellipse: s-maj=22.1km s-min=14.1km az=80.6.

NEIC Event type se. Error ellipse: s-maj=16.4km s-min=14.1km az=68.0.
 IDC Error ellipse: s-maj=27.4km s-min=18.4km az=90.0.
I 17 20 20 57.9-4.5 50.07N 147.71E 648-67 3.5,2.7
 IDC Error ellipse: s-maj=28.4km s-min=20.6km az=146.0.
ISC I 01 12 16 27.7-40 46.19N-06 144.1E-10 353-4 3.2b 58 1-83
 BJI I 01 12 16 27.2 46.13N 143.98E 353 4.6b,4.5b
 IDC I 01 12 16 27.3-1.6 46.55N 143.99E 336-23 3.7,3.3
 MOS I 01 12 16 27.5-1.1 46.27N 143.98E 370 4.1b,3.3
 ISCJB I 01 12 16 27.1-40 46.16N-06 144.10E-10 361-5 3.2b,3.3
 JMA I 01 12 16 28.0-20 46.18N 144.01E 359-3 3.5,3.3
 NEIC I 01 12 16 28.1-67 46.28N 144.05E 355-9 3.7b,3.3
 ISC Event type se.
 IDC Error ellipse: s-maj=33.2km s-min=16.1km az=168.0.
 MOS Error ellipse: s-maj=35.2km s-min=12.9km az=71.1.
 ISCJB Event type se. Error ellipse: s-maj=11.3km s-min=8.9km az=50.4.
 JMA Error ellipse: s-maj=3.3km s-min=3.8km az=1.0.
 NEIC Event type se. Error ellipse: s-maj=16.1km s-min=10.2km az=127.0.

(664) Southeastern China.

ISC IV 09 09 23 59.5-22 35.74N-02 115.57E-03 10 4.3b,3.8s 135 1-92
 ISCJB IV 09 09 23 57.6-23 35.67N-03 115.50E-03 10 4.3b,3.8s
 BJI IV 09 09 23 57.9 35.69N 115.38E 11 4.8L,4.7b
 IDC IV 09 09 23 57.5-61 35.67N 115.53E 0 4.3,4.3
 NEIC IV 09 09 23 59.7-34 35.75N 115.59E 10 4.4b,4.3
 MOS IV 09 09 23 59.5-1.6 35.74N 115.60E 25 4.4b,4.3
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=3.8km s-min=3.5km az=137.6.
 IDC Error ellipse: s-maj=24.4km s-min=14.0km az=53.0.
 NEIC Event type se. Error ellipse: s-maj=7.9km s-min=7.3km az=145.0.
 MOS Error ellipse: s-maj=11.3km s-min=6.5km az=101.7.

BJI II 05 16 44 11.7 31.32N 116.14E 14 3.8L
BJI II 08 06 21 58.0 35.16N 118.59E 10 3.5L
BJI IV 15 08 49 34.5 29.53N 115.74E 21 3.5L
BJI IV 24 22 41 28.3 29.76N 115.68E 20 3.6L
BJI IV 26 22 27 43.0 35.40N 118.87E 21 4.0L
BJI VI 15 22 09 02.5 29.64N 115.71E 15 3.5L
BJI V 17 01 00 44.0 29.89N 116.30E 14 4.0L
BJI I 29 04 24 12.3 35.76N 115.13E 15 3.5s,3.5s
BJI I 30 07 20 58.4 25.36N 108.52E 10 3.3L
 PLV I 30 07 21 48.9-2.8 24.63N 109.33E 17-999 3.5L
 PLV Error ellipse: s-maj=884.7km s-min=841.3km az=-1.0.

(665) Yellow Sea.

BJI II 01 08 56 36.9 35.36N 123.00E 10 3.8L
BJI I 24 05 37 15.6 34.74N 121.27E 12 3.6L

ISC I 08 05 43 35.4-1.2 34.71N-03 121.44E-03 3-7 4.6b,4.1s 194 3-135
 BJI I 08 05 43 34.1 34.65N 121.54E 9 4.8L,4.7b
 ISCJB I 08 05 43 34.6-24 34.69N-03 121.47E-03 9 4.6b,4.1s
 MOS I 08 05 43 34.7-92 34.75N 121.48E 10 4.8b,4.1s
 IDC I 08 05 43 34.6-71 34.64N 121.39E 0 4.5,4.5
 NEIC I 08 05 43 36.8-25 34.74N 121.38E 10 4.7b,4.5
 SZGRF I 08 05 43 38.2 34.44N 121.67E 33 4.8b,4.5
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=5.2km s-min=3.4km az=110.1.
 MOS Error ellipse: s-maj=11.3km s-min=5.5km az=111.6.
 IDC Error ellipse: s-maj=22.8km s-min=17.0km az=44.0.
 NEIC Event type se. Error ellipse: s-maj=6.7km s-min=5.2km az=174.0.
 SZGRF Yellow Sea.

SEISMIC REGION 42. Northeastern Asia, Northern Alaska to Greenland.

(668) New Siberian Islands.
MOS VI 09 01 26 55.7-1.5 74.02N 137.42E 33 4.1b
 MOS Error ellipse: s-maj=99.9km s-min=30.8km az=86.0.
110628708

(671) Eastern Siberia.

ISC IV 20 23 25 03.0-07 61.04N-01 167.10E-02 27 7.6s,6.6b 1698 1-169
 KRSC IV 20 23 24 57.8-2.5 60.98N 167.37E 1-5 7.1L,6.6b
 IDC IV 20 23 24 58.4-29 60.93N 167.02E 0 7.5s,7.5
 MOS IV 20 23 24 58.7-78 61.03N 167.09E 10 7.7s,6.8b
 BJI IV 20 23 24 59.3 60.96N 167.52E 33 8.3s,7.9s
 SZGRF IV 20 23 24 59.3 60.27N 166.25E 33 7.7s,7.1b
 ISCJB IV 20 23 25 01.1-07 60.98N-01 167.09E-02 25 7.6s,6.6b
 HRVD IV 20 23 25 02.2-10 60.89N 167.05E 12 7.6b,6.6b
 CRAAG IV 20 23 25 02.8 61.10N 167.20E 27 7.7W,6.6b
 NEIC IV 20 23 25 02.1-09 60.95N 167.09E 22 7.6s,7.3
 BGS IV 20 23 25 03.3 60.80N 168.77E 43 7.3s,6.4b
 IGIL IV 20 23 25 06.0 61.09N 167.10E 43 7.7s,6.4b

ISC Event type se.
 KRSC Event type se.
 IDC Error ellipse: s-maj=9.5km s-min=8.0km az=138.0.
 MOS Event type se. Error ellipse: s-maj=6.8km s-min=3.6km az=94.9. Fault plane solution: P-wave C262, D39. Felt (IV-V) at Tilichiki, Oссора, Korf. (II) at Magadan. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ48.00000°,δ48.00000°,λ114.00000°. NP2: φ194.00000°,δ48.00000°,λ66.00000°. Principal axes: T Plg72.0000° Azm31.0000°; N Plg18.0000° Azm211.0000°; P Plg0.0000° Azm121.0000° M₀7.90000×10¹⁹

SZGRF Eastern Siberia, Russia.
 ISCJB Event type se. Error ellipse: s-maj=2.0km s-min=1.6km az=130.3.
 HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=150s. Centroid Moment Tensor Solution. LP body waves: s108.c291; Mantle waves: s110.c549; Half duration: 15s1; Moment tensor: Scale 10²⁰Nm; M_r2.80±0.1 M₀0.87±0.1; M₀1.93±0.1; M₀0.66±0.8; M₀1.52±0.1; M₀0.20±0.8; Best double couple: NP1:φ207.00000°,δ40.00000°,λ76.00000°. NP2: φ44.00000°,δ51.00000°,λ101.00000°. Principal axes: T 2.9160,Plg80.0000°; Azm5.0000°; N 0.1470,Plg9.0000°; Azm217.0000°; P -3.0610,Plg5.0000°; Azm126.0000°; M₀2.98800×10²⁰

NEIC Event type se. Error ellipse: s-maj=2.8km s-min=1.8km az=13.0. About 40 people injured and the villages of Apuka, Khalilino and Vyvenka were destroyed. Some buildings and water supply systems badly damaged in the Korf-Tilichiki area. Damage estimated at 55 million U.S. dollars. Felt [V] at Korf, Oссора and Tilichiki; [II] at Magadan. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. M₀7.30000×10²⁰ Moment Tensor Solution. Moment Tensor Solution. s68
 Moment tensor: Scale 10¹⁹Nm; M_r7.06 M₀-4.33 M₀2.73 M₀1.24 M₀5.40 M₀-4.91
 Best double couple: NP1:φ202.00000°,δ60.00000°,λ56.00000°. NP2:φ75.00000°
 δ44.00000°,λ134.00000°. Principal axes: T 9.9000,Plg60.0000°; Azm61.0000°
 N -0.5600,Plg29.0000°; Azm221.0000°; P -9.3400,Plg9.0000°; Azm316.0000°
 M₀9.60000×10¹⁹ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: φ40.00000°,δ45.00000°,λ90.00000°. NP2:φ220.00000°,δ45.00000°,λ90.00000°
 Principal axes: T Plg90.0000°; Azm0.0000°; N Plg0.0000°; Azm0.0000°; P Plg0.0000°
 Azm130.0000°
ISC IV 20 23 46 33.4-55 60.70N-04 166.1E-10 10 4.5b 33 2-73
 ISCJB IV 20 23 46 31.4-58 60.63N-05 166.2E-10 10 4.5b
 NEIC IV 20 23 46 32.9-2.5 60.61N 166.19E 10 4.7b
 MOS IV 20 23 46 32.3-1.2 60.88N 166.19E 12 4.6b
 IDC IV 20 23 46 32.9-85 60.95N 166.03E 0 4.7,4.5b
 KRSC IV 20 23 46 42.9-00 61.04N 167.14E 4-8 4.5L,4.5b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=10.6km s-min=6.1km az=30.7.

NEIC	Event type se. Error ellipse: s-maj=70.3km s-min=12.3km az=173.0.								
MOS	Error ellipse: s-maj=26.8km s-min=13.3km az=97.9.								
IDC	Error ellipse: s-maj=19.4km s-min=18.3km az=8.0.								
KRSC	Event type se.								
ISC	IV 21 00 14 53.7-51	60.86N-03	166.64E-06	38-5	5.1s,4.7b	163	2-88		
KRSC	IV 21 00 14 46.4-2.4	60.90N	166.72E	0-5	4.7L,4.7b				
MOS	IV 21 00 14 47.8-1.2	60.81N	166.66E	10	4.7b,4.7b				
IDC	IV 21 00 14 47.7-51	60.85N	166.58E	0	4.5,4.5				
NEIC	IV 21 00 14 49.9-26	60.86N	166.61E	10	4.8b,4.5				
BJI	IV 21 00 14 50.6	61.36N	165.67E	10	4.9b,4.9b				
ISCJB	IV 21 00 14 51.5-1.5	60.82N-03	166.61E-06	33-11	5.1s,4.7b				
SZGRF	IV 21 00 14 52.0	60.06N	168.34E	33	4.5b,4.7b				
ISC	Event type se.								
KRSC	Event type se.								
MOS	Error ellipse: s-maj=14.0km s-min=8.9km az=95.0.								
IDC	Error ellipse: s-maj=13.1km s-min=11.4km az=16.0.								
NEIC	Event type se. Error ellipse: s-maj=9.1km s-min=4.7km az=171.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.9km s-min=4.5km az=130.4.								
SZGRF	Eastern Siberia, Russia.								
ISC	IV 21 00 28 59.8-42	61.45N-03	167.69E-05	46-4	5.5s,4.7b	352	1-170		
KRSC	IV 21 00 28 52.2-2.2	61.47N	168.03E	2-6	4.7L,4.7b				
BJI	IV 21 00 28 53.1	61.50N	167.70E	10	5.3s,4.9s				
IDC	IV 21 00 28 53.1-48	61.40N	167.66E	0	4.7,4.7				
MOS	IV 21 00 28 53.4-83	61.48N	167.74E	10	4.9b,4.7				
SZGRF	IV 21 00 28 54.5	60.61N	169.01E	33	4.7b,4.7				
NEIC	IV 21 00 28 55.5-19	61.52N	167.72E	10	4.8b,4.7				
ISCJB	IV 21 00 28 57.4-53	61.41N-02	167.71E-05	39-5	5.5s,4.7b				
ISC	Event type se.								
KRSC	Event type se.								
SZGRF	Eastern Siberia, Russia.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV 21 01 12 12.3-45	60.62N-03	165.83E-07	44-5	4.4b	136	2-84		
BJI	IV 21 01 12 04.1	60.60N	165.80E	10	5.1b,4.7b				
MOS	IV 21 01 12 05.9-86	60.58N	165.86E	10	4.5b,4.7b				
KRSC	IV 21 01 12 06.5-1.4	60.64N	165.92E	5-4	4.6L,4.7b				
IDC	IV 21 01 12 07.1-63	60.73N	165.90E	0	4.3,4.2				
NEIC	IV 21 01 12 08.2-49	60.64N	165.82E	10	4.6b,4.2				
ISCJB	IV 21 01 12 10.4-54	60.58N-03	165.81E-07	42-6	4.4b,4.2				
ISC	Event type se.								
KRSC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV 21 01 22 57.0-60	60.94N-04	166.9E-10	54-7	3.9b	58	2-88		
KRSC	IV 21 01 22 48.9-2.8	60.91N	167.27E	0-7	4.1L				
MOS	IV 21 01 22 49.6-1.5	60.90N	166.65E	10	4.1b				
IDC	IV 21 01 22 50.9-81	61.03N	166.68E	0	4.0,3.8				
NEIC	IV 21 01 22 52.1-67	61.01N	166.72E	10	4.4b,3.8				
ISCJB	IV 21 01 22 55.0-70	60.90N-04	166.9E-10	49-8	3.9b,3.8				
ISC	Event type se.								
KRSC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV 21 01 31 54.5-67	60.67N-05	165.88E-10	41-7	4.3b	66	2-73		
MOS	IV 21 01 31 48.4-96	60.59N	165.85E	10	4.5b				
KRSC	IV 21 01 31 49.4-00	60.70N	165.88E	4-4	4.0L				
IDC	IV 21 01 31 49.6-59	60.76N	165.86E	0	4.4,4.3				
NEIC	IV 21 01 31 51.1-66	60.76N	165.86E	10	4.6b,4.3				
ISCJB	IV 21 01 31 52.6-80	60.65N-05	165.86E-10	38-8	4.3b,4.3				
ISC	Event type se.								
KRSC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV 21 11 14 19.7-32	61.40N-02	167.54E-03	45-3	6.0s,5.7b	1207	1-170		
BGS	IV 21 11 14 08.8	60.46N	168.81E	10	5.8b,5.7b				
CRAAG	IV 21 11 14 12.7	61.37N	167.61E	10	6.0b,5.7b				
KRSC	IV 21 11 14 12.8-2.4	61.39N	167.77E	0-6	5.9L,5.7b				
BJI	IV 21 11 14 12.5	61.38N	167.73E	19	6.6s,6.3b				
MOS	IV 21 11 14 13.6-81	61.43N	167.53E	10	6.0s,5.9b				
IDC	IV 21 11 14 13.3-32	61.37N	167.49E	0	5.8s,5.8				
NEIC	IV 21 11 14 15.3-11	61.35N	167.53E	12	6.2W,6.1W				
HRVD	IV 21 11 14 15.3-10	61.27N	167.64E	15-0	6.0W,6.1W				
ISCJB	IV 21 11 14 17.7-38	61.34N-02	167.54E-03	42-3	6.0s,5.7b				
SZGRF	IV 21 11 14 24.0	61.73N	165.77E	33	5.9b,5.7s				
ISC	Event type se.								
KRSC	Event type se.								
MOS	Error ellipse: s-maj=7.2km s-min=3.7km az=92.3. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=211.00000°,δ45.00000°,λ97.00000°. NP2:φ=22.00000°,δ45.00000°,λ83.00000°. Principal axes: T P1g85.0000°,AzM207.0000°; N P1g5.0000°,AzM271.0000°; P P1g0.0000°,AzM297.0000° M2.80000°x10 ¹⁸								
IDC	Error ellipse: s-maj=8.5km s-min=7.4km az=145.0.								
NEIC	Event type se. Error ellipse: s-maj=3.1km s-min=1.9km az=194.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Moment Tensor Solution. s71 Moment tensor: Scale 10 ¹⁸ Nm; Mr1.50 M22=0.49 M33=1.01 Mr=0.36 M32=0.68 M21=0.28 Best double couple: NP1:φ=219.00000°,δ53.00000°,λ96.00000°. NP2:φ=30.00000°,δ37.00000°,λ82.00000°. Principal axes: T 1.5800 P1g81.0000°,AzM156.0000°; N -0.0400 P1g5.0000°,AzM36.0000°; P -1.5400 P1g8.0000°,AzM305.0000° M2.160000°x10 ¹⁸ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=220.00000°,δ35.00000°,λ90.00000°. NP2:φ=40.00000°,δ55.00000°,λ90.00000°. Principal axes: T P1g80.0000°,AzM310.0000°; N P1g0.0000°,AzM0.0000°; P P1g10.0000°,AzM130.0000°								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s110,c282; Mantle waves: s110,c512; Half duration: 2s5 Moment tensor: Scale 10 ¹⁸ Nm; Mr1.27c1 M22=0.28c1; M33=0.98c1; Mr=0.18c2; M21=0.71c1; M22=0.30c2; Best double couple: NP1:φ=232.00000°,δ38.00000°,λ91.00000°. NP2:φ=212.00000°,δ52.00000°,λ90.00000°. Principal axes: T 1.3150 P1g83.0000°,AzM119.0000°; N 0.1550 P1g0.0000°,AzM212.0000°; P -1.4660 P1g7.0000°,AzM302.0000° M2.39000°x10 ¹⁸								
ISCJB	Event type se. Error ellipse: s-maj=3.0km s-min=2.2km az=134.8.								
SZGRF	Eastern Siberia, Russia.								
ISC	IV 21 15 59 47.4-84	61.40N-05	167.8E-10	39-9	3.9b	42	1-57		
MOS	IV 21 15 59 40.8-59	61.21N	167.78E	10	4.2b				
IDC	IV 21 15 59 41.9-93	61.29N	167.73E	0	4.0L,3.9				
KRSC	IV 21 15 59 42.7-00	61.41N	167.83E	12-7	3.9L,3.9				
ISCJB	IV 21 15 59 45.3-95	61.36N-04	167.8E-10	37-10	3.9b,3.9				
NEIC	IV 21 15 59 45.9-4.3	61.35N	167.74E	26-31	4.1b,3.9				
ISC	Event type se.								
MOS	Error ellipse: s-maj=31.7km s-min=16.4km az=99.7.								
IDC	Error ellipse: s-maj=22.1km s-min=16.3km az=65.0.								
KRSC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=11.9km s-min=7.2km az=2.6.								
NEIC	Event type se. Error ellipse: s-maj=14.5km s-min=7.9km az=168.0.								
ISC	IV 22 07 21 58.8-09	61.27N-01	167.30E-03	16	5.7b,5.2s	1198	1-169		
BGS	IV 22 07 21 52.2	60.36N	168.36E	10	5.7b,5.2s				
CRAAG	IV 22 07 21 55.7	61.31N	167.56E	10	5.9b,5.2s				
BJI	IV 22 07 21 55.0	61.05N	167.92E	26	5.8s,5.5s				
MOS	IV 22 07 21 56.4-77	61.27N	167.37E	10	5.9b,5.1s				
IDC	IV 22 07 21 56.3-35	61.21N	167.37E	0	5.6,5.6				
SZGRF	IV 22 07 21 57.2	60.74N	164.97E	16	5.9b,5.0s				
ISCJB	IV 22 07 21 57.0-09	61.21N-02	167.32E-03	15	5.7b,5.2s				
NEIC	IV 22 07 21 58.2-10	61.20N	167.32E	12	5.8b,5.6				
KRSC	IV 22 07 21 58.6-3.5	61.17N	167.11E	14-4	5.6L,5.6				
HRVD	IV 22 07 21 58.0-10	61.14N	167.41E	18-0	5.5W,5.6				
ISC	Event type se.								
MOS	Error ellipse: s-maj=7.7km s-min=3.4km az=92.9.								
IDC	Error ellipse: s-maj=10.8km s-min=9.9km az=16.0.								
SZGRF	Eastern Siberia, Russia.								
ISCJB	Event type se. Error ellipse: s-maj=2.3km s-min=1.8km az=116.1.								
NEIC	Event type se. Error ellipse: s-maj=2.9km s-min=1.6km az=17.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. s44 Moment tensor: Scale 10 ¹⁷ Nm; Mr1.93 M22=0.26 M33=1.68 Mr=0.15								

M22=0.68 M33=1.15 Best double couple: NP1:φ=195.00000°,δ60.00000°,λ83.00000°. NP2:φ=29.00000°,δ30.00000°,λ103.00000°. Principal axes: T 2.2700 P1g74.0000°,AzM86.0000°; N -0.0200 P1g6.0000°,AzM198.0000°; P -2.2500 P1g15.0000°,AzM290.0000° M2.30000°x10 ¹⁷ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=345.00000°,δ15.00000°,λ90.00000°. NP2:φ=165.00000°,δ75.00000°,λ90.00000°. Principal axes: T P1g60.0000°,AzM75.0000°; N P1g0.0000°,AzM0.0000°; P P1g30.0000°,AzM255.0000°									
KRSC	Event type se.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s85,c156; Mantle waves: s97,c199; Half duration: 1s4 Moment tensor: Scale 10 ¹⁷ Nm; Mr1.21c1+0.03 M22=0.42c1; M33=1.62c2; Mr=0.64c2; M21=0.95c2; Mr=1.26c2; Best double couple: NP1:φ=54.00000°,δ41.00000°,λ147.00000°. NP2:φ=170.00000°,δ69.00000°,λ54.00000°. Principal axes: T 2.2080 P1g52.0000°,AzM38.0000°; N 0.0760 P1g33.0000°,AzM185.0000°; P -2.2790 P1g17.0000°,AzM286.0000° M2.24300°x10								

SZGRF	IV	21 03 42 01.6	60.80N	163.07E	33	4.7b,4.7b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=13.0km s-min=11.2km az=24.0.								
MOS	Error ellipse: s-maj=9.3km s-min=4.8km az=91.7.								
ISCJB	Event type se. Error ellipse: s-maj=3.4km s-min=2.4km az=108.4.								
NEIC	Event type se. Error ellipse: s-maj=4.8km s-min=2.8km az=183.0.								
KRSC	Event type se.								
SZGRF	Eastern Siberia, Russia.								
ISC	IV	21 04 17 32.9-58	60.91N-04	166.8E-10	59-7	4.1b	80	2-68	
MOS	IV	21 04 17 24.6-82	60.78N	166.70E	10	4.2b		110697954	
IDC	IV	21 04 17 25.5-68	60.87N	166.76E	0	4.2,4.1			
BJI	IV	21 04 17 27.1	60.90N	166.70E	10	4.9b,4.4b			
NEIC	IV	21 04 17 27.1-55	60.88N	166.72E	10	4.3b,4.4b			
KRSC	IV	21 04 17 28.3-50	60.87N	167.09E	18-6	3.8L,4.4b			
ISCJB	IV	21 04 17 31.5-64	60.85N-04	166.8E-10	61-7	4.1b,4.4b			
ISC	Event type se.								
NEIC	Event type se.								
KRSC	Event type se.								
ISCJB	Event type se.								
ISC	IV	21 05 28 43.9-19	60.63N-03	165.92E-05	12	4.3b	139	2-150	
KRSC	IV	21 05 28 40.2-3	60.58N	166.12E	1-3	4.1L		118320926	
BJI	IV	21 05 28 40.1	60.50N	166.32E	11	5.6b,4.7s			
MOS	IV	21 05 28 41.5-99	60.54N	165.86E	10	4.5b,4.7s			
IDC	IV	21 05 28 41.8-59	60.61N	165.72E	0	4.3,4.2			
ISCJB	IV	21 05 28 42.1-19	60.60N-02	165.89E-05	11	4.3b,4.2			
NEIC	IV	21 05 28 43.6-31	60.58N	165.85E	11	4.4b,4.2			
ISC	Event type se.								
KRSC	Event type se.								
MOS	Error ellipse: s-maj=13.8km s-min=8.8km az=101.5.								
IDC	Error ellipse: s-maj=17.0km s-min=12.0km az=29.0.								
ISCJB	Event type se. Error ellipse: s-maj=4.3km s-min=2.9km az=83.5.								
NEIC	Event type se. Error ellipse: s-maj=9.2km s-min=4.3km az=186.0.								
ISC	IV	21 06 13 55.6-67	60.60N-10	166.7E-20	10	3.8b	23	7-150	
ISCJB	IV	21 06 13 53.7-67	60.6N-10	166.7E-20	10	3.8b		110697964	
MOS	IV	21 06 13 53.4-1.2	60.57N	166.73E	10	4.1b			
IDC	IV	21 06 13 54.7-86	60.65N	166.63E	0	4.0,3.8			
NEIC	IV	21 06 13 56.1-86	60.64N	166.71E	10	4.0b,3.8			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=14.7km s-min=12.1km az=30.3.								
MOS	Error ellipse: s-maj=30.5km s-min=14.8km az=95.5.								
IDC	Error ellipse: s-maj=19.8km s-min=16.8km az=52.0.								
NEIC	Event type se. Error ellipse: s-maj=22.9km s-min=12.3km az=173.0.								
ISC	IV	21 06 25 02.3-52	60.89N-05	166.7E-20	10	3.7s,3.4b	17	2-51	
KRSC	IV	21 06 24 59.6-00	60.83N	167.55E	25-32	3.9L,3.4b		118646324	
IDC	IV	21 06 24 59.6-9.0	60.80N	166.22E	0	3.9,3.8s			
ISCJB	IV	21 06 25 01.0-53	60.84N-05	166.7E-20	10	3.7s,3.4b			
ISC	Event type se.								
KRSC	Event type se.								
ISCJB	Event type se.								
ISC	IV	21 06 54 15.9-2.5	60.99N-04	167.3E-10	31-21	3.7b	28	2-51	
MOS	IV	21 06 54 10.9-75	60.85N	167.32E	10	4.0b		118646328	
KRSC	IV	21 06 54 12.0-60	61.00N	167.78E	37-17	3.8L			
IDC	IV	21 06 54 12.2-1.0	60.97N	167.30E	0	3.9,3.7			
ISCJB	IV	21 06 54 13.3-2.4	60.97N-04	167.3E-10	25-20	3.7b,3.7			
ISC	Event type se.								
KRSC	Event type se.								
ISCJB	Event type se.								
ISC	IV	21 07 19 56.1-5.6	60.6N-10	165.8E-10	19-37	3.9b	28	7-150	
MOS	IV	21 07 19 52.7-79	60.57N	165.79E	10	4.0b		118646332	
ISCJB	IV	21 07 19 53.0-53	60.55N-10	165.8E-10	10	3.9b			
IDC	IV	21 07 19 54.2-97	60.68N	165.78E	0	4.1,3.8			
NEIC	IV	21 07 19 55.0-36	60.55N	165.80E	10	4.3b,3.8			
ISC	Event type se.								
MOS	Error ellipse: s-maj=30.4km s-min=18.6km az=81.4.								
ISCJB	Event type se. Error ellipse: s-maj=14.5km s-min=9.9km az=150.7.								
IDC	Error ellipse: s-maj=22.1km s-min=16.9km az=56.0.								
NEIC	Event type se. Error ellipse: s-maj=14.3km s-min=6.4km az=163.0.								
ISC	IV	21 07 40 06.3-11	60.98N-02	166.93E-03	19	5.0b,4.6s	603	2-151	
IDC	IV	21 07 40 03.2-42	60.90N	166.91E	0	5.0,5.0		110697967	
MOS	IV	21 07 40 03.2-79	60.99N	166.83E	10	5.2b,4.7s			
KRSC	IV	21 07 40 03.0-1.0	60.90N	167.06E	5-4	5.4L,4.7s			
NEIC	IV	21 07 40 04.7-14	60.91N	166.93E	10	5.1b,4.6s			
ISCJB	IV	21 07 40 04.3-11	60.92N-02	166.94E-03	18	5.0b,4.6s			
BJI	IV	21 07 40 04.6	60.90N	166.90E	10	5.3s,5.2b			
SZGRF	IV	21 07 40 05.3	60.67N	164.87E	16	5.2b,4.6s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=11.7km s-min=10.1km az=37.0.								
MOS	Error ellipse: s-maj=9.8km s-min=6.2km az=82.5.								
KRSC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=4.1km s-min=2.3km az=189.0.								
ISCJB	Event type se. Error ellipse: s-maj=2.9km s-min=1.9km az=93.7.								
SZGRF	Eastern Siberia, Russia.								
ISC	IV	21 07 47 29.1-69	61.54N-04	167.9E-10	43-8	4.3b	85	1-86	
MOS	IV	21 07 47 21.4-91	61.27N	167.75E	10	4.5b		110697968	
IDC	IV	21 07 47 22.3-74	61.37N	167.75E	0	4.3,4.2			
KRSC	IV	21 07 47 24.0-2.5	61.50N	168.23E	19-8	4.3L,4.2			
NEIC	IV	21 07 47 25.3-58	61.65N	167.82E	10	4.5b,4.2			
ISCJB	IV	21 07 47 27.2-77	61.48N-03	167.84E-09	43-8	4.3b,4.2			
ISC	Event type se.								
KRSC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV	21 08 38 57.2-1.1	61.2N-20	167.3E-20	10	3.7b	21	7-57	
ISCJB	IV	21 08 38 55.7-1.1	61.2N-20	167.3E-20	10	3.7b		118646339	
IDC	IV	21 08 38 56.0-2.5	61.10N	167.32E	0	3.8,3.7			
MOS	IV	21 08 38 55.3-77	61.14N	167.31E	10	4.0b,3.7			
NEIC	IV	21 08 38 57.6-85	61.17N	167.37E	10	4.1b,3.7			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=25.5km s-min=11.2km az=155.5.								
IDC	Error ellipse: s-maj=77.2km s-min=21.8km az=179.0.								
MOS	Error ellipse: s-maj=34.2km s-min=20.9km az=86.3.								
NEIC	Event type se. Error ellipse: s-maj=20.4km s-min=9.0km az=169.0.								
ISC	IV	21 08 57 38.3-45	60.65N-03	165.84E-06	43-5	4.4b,3.6s	157	2-150	
MOS	IV	21 08 57 31.9-96	60.56N	165.76E	10	4.6b,3.6s		118320937	
IDC	IV	21 08 57 32.4-55	60.64N	165.73E	0	4.3,4.3			
KRSC	IV	21 08 57 32.6-00	60.69N	165.85E	3-3	4.4L,4.3			
NEIC	IV	21 08 57 33.8-25	60.62N	165.75E	10	4.6b,4.3			
BJI	IV	21 08 57 35.2	60.69N	165.01E	10	5.1b,4.6b			
ISCJB	IV	21 08 57 36.4-54	60.64N-03	165.82E-06	40-6	4.4b,3.6s			
ISC	Event type se.								
KRSC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV	21 08 59 26.0-63	60.87N-04	167.1E-10	49-6	4.2b	74	2-88	
MOS	IV	21 08 59 18.3-1.2	60.67N	167.14E	10	4.4b		110697972	
BJI	IV	21 08 59 19.5	60.90N	167.10E	10	5.2b,4.8b			
IDC	IV	21 08 59 19.6-54	60.80N	167.10E	0	4.3,4.3			
KRSC	IV	21 08 59 20.2-00	60.88N	167.16E	6-7	3.8L,4.3			
NEIC	IV	21 08 59 21.6-41	60.91N	167.06E	10	4.5b,4.3			
ISCJB	IV	21 08 59 24.1-72	60.84N-04	167.1E-10	45-7	4.2b,4.3			
ISC	Event type se.								
KRSC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV	21 09 11 08.1-58	60.68N-04	165.7E-10	40-7	3.9b	51	2-84	
KRSC	IV	21 09 11 02.4-40	60.69N	165.76E	1-3	4.0L		118646340	
MOS	IV	21 09 11 02.3-79	60.68N	165.66E	10	4.2b			
IDC	IV	21 09 11 03.5-70	60.85N	165.67E	0	4.1,3.9			
NEIC	IV	21 09 11 04.2-82	60.68N	165.72E	10	4.2b,3.9			
ISCJB	IV	21 09 11 06.3-69	60.64N-04	165.7E-10	40-8	3.9b,3.9			
ISC	Event type se.								

KRSC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV	21 10 07 33.1-56	60.95N-03	166.9E-10	49-6	4.1b,3.5s	89	2-85	
MOS	IV	21 10 07 25.8-96	60.83N	166.99E	10	4.4b,3.5s		110697975	
IDC	IV	21 10 07 26.9-51	60.93N	166.95E	0	4.3,4.2			
NEIC	IV	21 10 07 28.6-40	60.97N	166.88E	10	4.3b,4.2			
KRSC	IV	21 10 07 28.8-00	60.91N	167.00E	15-5	4.1L,4.2			
ISCJB	IV	21 10 07 30.9-67	60.92N-03	166.9E-10	42-7	4.1b,3.5s			
ISC	Event type se.								
NEIC	Event type se.								
KRSC	Event type se.								
ISCJB	Event type se.								
ISC	IV	21 10 24 00.9-91	61.0N-20	167.3E-20	10	3.4b	13	7-51	
MOS	IV	21 10 23 58.2-2.1	60.53N	167.76E	10	3.6b		118646347	
ISCJB	IV	21 10 23 59.6-92	61.1N-20	167.3E-20	10	3.4b			
IDC	IV	21 10 23 59.2-2.8	60.93N	167.21E	0	3.5,3.4			
NEIC	IV	21 10 24 00.8-1.1	60.91N	167.27E	10	3.7b,3.4			
ISC	Event type se.								
MOS	Error ellipse: s-maj=50.4km s-min=22.9km az=76.8.								
ISCJB	Event type se. Error ellipse: s-maj=27.3km s-min=13.1km az=131.7.								
IDC	Error ellipse: s-maj=121.0km s-min=27.0km az=167.0.								
NEIC	Event type se. Error ellipse: s-maj=24.5km s-min=13.6km az=176.0.								
ISC	IV	21 10 38 40.1-96	61.3N-20	166.7E-20	10	3.7b,3.5s	19	7-89	
MOS	IV	21 10 38 37.9-1.6	61.11N	166.76E	10	3.9b,3.5s		118646349	
ISCJB	IV	21 10 38 38.3-89	61.1N-20	166.8E-20	10	3.7b,3.5s			
IDC	IV	21 10 38 39.1-1.3	61.23N	166.81E	0	3.9,3.7			
NEIC	IV	21 10 38 40.0-92	61.03N	166.85E	10	4.0b,3.7			
ISC	Event type se.								
MOS	Error ellipse: s-maj=38.5km s-min=18.5km az=87.6.								
ISCJB	Event type se. Error ellipse: s-maj=22.5km s-min=13.0km az=155.9.								
IDC	Error ellipse: s-maj=42.2km s-min=20.0km az=166.0.								
NEIC	Event type se. Error ellipse: s-maj=22.3km s-min=14.7km az=167.0.								
ISC	IV	21 10 59 29.3-1.2	60.8N-10	166.2E-20	39-15	3.9b	24	7-51	
ISCJB	IV	21 10 59 23.7-5.2	60.7N-10	166.2E-20	9-36	3.9b		118646351	
MOS	IV	21 10 59 23.8-40	60.73N	166.20E	10	3.8b			
NEIC	IV	21 10 59 25.5-81	60.70N	166.28E	10	4.2b			
IDC	IV	21 10 59 25.2-1.3	60.91N	166.24E	0	4.1,3.9			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=17.5km s-min=12.7km az=14.3.								
MOS	Error ellipse: s-maj=32.5km s-min=16.3km az=94.7.								
NEIC	Event type se. Error ellipse: s-maj=20.2km s-min=8.1km az=171.0.								
IDC	Error ellipse: s-maj=26.9km s-min=18.1km az=75.0.								
ISC	IV	21 11 26 20.4-6.4	61.3N-10	167.5E-20	5-42	3.9b	22	7-57	
ISCJB	IV	21 11 26 19.4-6.7	61.25N-10	167.5E-20	10	3.9b		118646353	
IDC	IV	21 11 26 20.3-89	61.32N	167.51E	0	4.1,3.9			
MOS									

IDC	V	23 09 56 15.0-9.6	60.74N	166.32E	0	4.0,3.7		
ISC	Event type se.							
KRSC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=13.2km s-min=7.4km az=33.9.							
MOS	Error ellipse: s-maj=77.8km s-min=28.7km az=91.8.							
IDC	Error ellipse: s-maj=187.9km s-min=21.9km az=94.0.							
MOS	V	23 10 28 22.7-61	60.91N	165.71E	11	3.6b	¶10628690	
MOS	Error ellipse: s-maj=49.1km s-min=21.7km az=103.5.							
MOS	V	23 12 33 11.3-3.0	60.46N	166.86E	15	3.8b	¶10628691	
MOS	Error ellipse: s-maj=56.3km s-min=25.5km az=98.0.							
ISC	V	24 20 48 48.1-14	60.83N-02	165.75E-04	34	5.0b,4.3s	424	0-151
BJI	V	24 20 48 42.3	60.89N	165.80E	13	5.1b,5.0b	¶10698603	
IDC	V	24 20 48 43.1-47	60.77N	165.68E	0	4.9,4.9		
MOS	V	24 20 48 44.1-94	60.86N	165.70E	17	5.2b,4.2s		
NEIC	V	24 20 48 44.8-20	60.85N	165.70E	10	5.1b,4.2s		
HRVD	V	24 20 48 44.8-30	60.81N	165.84E	17-1	4.8W,4.2s		
KRSC	V	24 20 48 44.7-50	60.71N	166.03E	15-3	4.6L,4.0s		
ISCJB	V	24 20 48 46.1-14	60.79N-02	165.76E-04	32	5.0b,4.3s		
SZGRF	V	24 20 48 47.9	60.74N	167.41E	33	5.2b,4.3s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=15.1km s-min=11.9km az=142.0.							
MOS	Error ellipse: s-maj=8.9km s-min=4.0km az=93.9.							
NEIC	Event type se. Error ellipse: s-maj=6.1km s-min=3.4km az=175.0.							
HRVD	Error ellipse: s-maj=5.6km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s31,c37; Mantle waves: s64,c97; Half duration: 0 Moment tensor: Scale 1016 Nm; M ₁ 1.86±.13 M ₂ 0.80±.10; M ₃ 1.06±.08; M ₄ 0.72±.27; M ₅ 1.03±.05; M ₆ -0.31±.24; Best double couple: NP1:φ=328.00000°,λ=836.00000°,λ106.00000°. NP2:φ=129.00000°,λ=856.00000°,λ79.00000°. Principal axes: T 2.0430,Plg76.0000°,AzM4.00000°. N 0.0570,Plg9.0000°,AzM135.0000°. P -2.0950,Plg10.0000°,AzM227.0000°. M ₂ 0.6900×10 ¹⁶							
KRSC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=3.6km s-min=2.6km az=96.4.							
SZGRF	Eastern Siberia, Russia.							
ISC	V	27 04 09 03.8-14	60.87N-02	165.60E-04	13	4.6b,4.3s	253	0-151
KRSC	V	27 04 09 01.3-40	60.77N	165.89E	7-3	4.7L,4.3s	¶10698640	
ISCJB	V	27 04 09 02.0-14	60.83N-02	165.61E-04	12	4.6b,4.3s		
IDC	V	27 04 09 02.0-58	60.87N	165.62E	0	4.4,4.4		
MOS	V	27 04 09 02.1-98	60.86N	165.58E	14	4.9b,4.4s		
NEIC	V	27 04 09 03.5-19	60.85N	165.60E	10	4.8b,4.4s		
BJI	V	27 04 09 04.6	61.06N	164.64E	10	4.8s,4.8b		
ISC	Event type se.							
KRSC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=3.4km s-min=2.4km az=99.3.							
IDC	Error ellipse: s-maj=17.6km s-min=12.4km az=158.0.							
MOS	Error ellipse: s-maj=10.7km s-min=6.0km az=77.1.							
NEIC	Event type se. Error ellipse: s-maj=6.6km s-min=3.2km az=172.0.							
ISC	V	28 12 09 47.8-1.9	60.77N-05	165.6E-10	2-14	3.7b	35	0-52
MOS	V	28 12 09 45.9-44	60.53N	165.54E	11	4.2b	¶18854927	
ISCJB	V	28 12 09 47.7-1.3	60.72N-04	165.6E-10	13-9	3.7b		
KRSC	V	28 12 09 47.3-40	60.72N	165.77E	11-3	3.8L		
NEIC	V	28 12 09 48.5-83	60.67N	165.50E	10	4.0b		
IDC	V	28 12 09 49.6-10	60.52N	166.29E	0	3.9,3.6s		
ISC	Event type se.							
MOS	Error ellipse: s-maj=48.3km s-min=28.4km az=82.6.							
ISCJB	Event type se. Error ellipse: s-maj=11.8km s-min=5.6km az=57.1.							
KRSC	Event type se.							
NEIC	Event type se. Error ellipse: s-maj=20.3km s-min=10.2km az=170.0.							
IDC	Error ellipse: s-maj=208.0km s-min=91.1km az=92.0.							
ISC	V	30 11 06 51.2-1.8	60.7N-20	165.6E-30	10	3.5s,3.5b	6	7-52
IDC	V	30 11 06 47.3-3.8	59.96N	165.75E	0	3.8,3.5	¶18854985	
MOS	V	30 11 06 48.7-1.1	60.71N	165.37E	11	3.7b,3.5s		
ISCJB	V	30 11 06 50.1-1.7	60.8N-20	165.6E-30	10	3.5s,3.5b		
ISC	V	22 12 04 51.4-89	60.86N-02	165.95E-05	8-5	5.2s,4.8b	245	0-151
CSEM	V	22 12 04 34.2	58.63N	173.18E	33	5.9b,4.8b	¶10698567	
BJI	V	22 12 04 48.7	61.02N	165.97E	13	5.4s,5.2b		
KRSC	V	22 12 04 49.6-30	60.77N	166.20E	5-4	5.1L,5.2b		
IDC	V	22 12 04 50.3-41	60.85N	165.88E	0	5.4s,5.4		
MOS	V	22 12 04 50.6-1.0	60.85N	165.96E	14	4.9b,5.4		
NEIC	V	22 12 04 51.6-23	60.80N	165.88E	10	4.9b,5.4		
ISCJB	V	22 12 04 51.4-84	60.81N-03	165.93E-05	19-6	5.2s,4.8b		
ISC	Event type se.							
KRSC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=14.4km s-min=6.5km az=84.1.							
NEIC	Event type se. Error ellipse: s-maj=4.4km s-min=3.0km az=71.6.							
ISCJB	Event type se.							
ISC	V	27 23 57 52.8-20	60.94N-03	165.64E-06	10	4.4b,4.2s	139	1-84
MOS	V	27 23 57 50.8-1.3	60.90N	165.65E	11	4.7b,4.2s	¶18440660	
BJI	V	27 23 57 51.5	61.10N	165.60E	10	4.9b,4.7b		
ISCJB	V	27 23 57 51.1-20	60.87N-02	165.67E-06	10	4.4b,4.2s		
KRSC	V	27 23 57 52.6-50	60.76N	165.99E	17-3	4.7L,4.2s		
NEIC	V	27 23 57 53.5-31	61.15N	165.57E	10	4.5b,4.4s		
IDC	V	27 23 57 53.5-76	61.36N	165.52E	0	4.3,4.2		
ISC	Event type se.							
MOS	Error ellipse: s-maj=14.4km s-min=6.5km az=84.1.							
ISCJB	Event type se. Error ellipse: s-maj=4.4km s-min=3.0km az=71.6.							
KRSC	Event type se.							
NEIC	Event type se. Error ellipse: s-maj=10.3km s-min=5.3km az=167.0.							
IDC	Error ellipse: s-maj=22.8km s-min=13.9km az=168.0.							
ISC	V	01 00 02 16.5-16	60.53N-02	167.23E-06	16	4.8b,4.8s	387	2-150
KRSC	V	01 00 02 13.7-60	60.45N	167.46E	4-5	4.5L,4.8s	¶10698212	
BJI	V	01 00 02 13.8	60.75N	167.44E	20	5.1b,4.9s		
IDC	V	01 00 02 13.4-50	60.45N	167.28E	0	4.6,4.6		
ISCJB	V	01 00 02 14.7-16	60.49N-02	167.24E-06	15	4.8b,4.8s		
MOS	V	01 00 02 14.6-75	60.48N	167.14E	16	5.1b,4.4s		
SZGRF	V	01 00 02 15.5	59.75N	165.35E	33	5.0b,4.4s		
NEIC	V	01 00 02 15.8-14	60.41N	167.20E	14	5.3s,5.0b		
ISC	Event type se.							
KRSC	Event type se.							
IDC	Error ellipse: s-maj=13.5km s-min=12.7km az=174.0.							
ISCJB	Event type se. Error ellipse: s-maj=4.5km s-min=2.5km az=66.8.							
MOS	Error ellipse: s-maj=10.5km s-min=4.2km az=94.0.							
SZGRF	Eastern Siberia, Russia.							
NEIC	Event type se. Error ellipse: s-maj=3.9km s-min=2.9km az=160.0.							
ISC	V	09 11 02 22.5-09	60.82N-01	165.87E-03	12	5.6s,5.6b	1064	0-169
SZGRF	V	09 11 02 17.0	60.12N	165.71E	9	5.9b,5.3s	¶10698331	
BGS	V	09 11 02 17.7	60.03N	164.80E	10	5.6b,5.3s		
BJI	V	09 11 02 19.4	60.90N	166.07E	15	6.2s,6.0s		
ISCJB	V	09 11 02 20.8-08	60.77N-01	165.87E-03	12	5.6b,5.6s		
KRSC	V	09 11 02 20.1-90	60.74N	166.03E	5-2	5.8L,5.6s		
MOS	V	09 11 02 21.9-85	60.74N	165.84E	20	5.8b,5.5s		
NEIC	V	09 11 02 21.3-11	60.76N	165.85E	5	5.8s,5.8W		
IDC	V	09 11 02 21.6-1.9	60.73N	165.89E	10-11	5.4,5.4s		
HRVD	V	09 11 02 22.2-10	60.77N	165.97E	12	5.7W,5.4s		
ISC	Event type se.							
SZGRF	Eastern Siberia, Russia.							
ISCJB	Event type se. Error ellipse: s-maj=2.2km s-min=1.8km az=104.5.							
KRSC	Event type se.							
MOS	Error ellipse: s-maj=7.5km s-min=3.1km az=94.3. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=183.00000°,λ147.00000°. NP2:φ=290.00000°,λ33.00000°. Principal axes: T Plg43.0000°,AzM146.00000°. N Plg47.0000°,AzM326.0000°. P Plg0.0000°,AzM236.0000°. M ₇ 2.0000×10 ¹⁸							
NEIC	Event type se. Error ellipse: s-maj=3.2km s-min=2.0km az=187.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Moment Tensor Solution. s14 Moment tensor: Scale 1017Nm; M ₁ -0.26 M ₂ 1.37 M ₃ 1.63 M ₄ 0.09 M ₅ 5.73 M ₆ 1.25 Best double couple: NP1:φ=353.00000°,λ89.00000°,λ168.00000°. NP2:φ=83.00000°,λ78.00000°,λ1.00000°. Principal axes: T 6.2200,Plg9.0000°,AzM307.0000°. N -0.3400,Plg78.0000°,AzM166.0000°. P -5.8800,Plg7.0000°,AzM38.0000°. M ₆ 1.0000×10 ¹⁷ Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=8.00000°,λ81.00000°,λ-160.00000°. NP2:φ=275.00000°,λ70.00000°,λ-10.00000°. Principal axes: T Plg7.0000°,AzM140.0000°							

ISC	; N Plg0.0000°,AzM0.0000°; P Plg21.0000°,AzM233.0000°							
IDC	Error ellipse: s-maj=8.8km s-min=6.6km az=142.0.							
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s98,c192; Mantle waves: s108,c328; Half duration: 1s7 Moment tensor: Scale 1017Nm; M ₁ 0.83±.04 M ₂ 1.05±.04; M ₃ 0.21±.04; M ₄ 0.62±.10; M ₅ 0.07±.03; M ₆ -1.55±.10; Best double couple: NP1:φ=265.00000°,λ89.00000°,λ1.00000°. NP2:φ=175.00000°,λ89.00000°,λ159.00000°. Principal axes: T 3.9150,Plg15.0000°,AzM128.0000°. N 1.0040,Plg9.0000°,AzM353.0000°. P -4.9200,Plg15.0000°,AzM222.0000°. M ₄ 4.1700×10 ¹⁷							
ISC	V	25 19 28 27.0-1.0	60.76N-04	165.9E-10	15-7	4.2b,3.4s	89	0-151
BJI	V	25 19 28 24.6	60.80N	165.70E	10	4.8b,4.7b	¶18648171	
IDC	V	25 19 28 24.9-68	60.77N	165.65E	0	4.2,4.1		
KRSC	V	25 19 28 25.6-20	60.73N	165.90E	11-3	4.0L,4.1		
NEIC	V	25 19 28 26.6-43	60.77N	165.66E	10	4.6b,4.1		
MOS	V	25 19 28 26.7-99	60.76N	165.63E	22	4.6b,4.1		
ISCJB	V	25 19 28 27.0-75	60.72N-04	165.8E-10	26-6	4.2b,3.4s		
ISC	Event type se.							
KRSC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	V	22 11 12 00.2-08	60.82N-01	165.77E-03	15	6.8s,6.0b	1330	0-170
BJI	V	22 11 11 55.6	60.77N	166.22E	17	7.5s,7.1s	¶18344332	
KRSC	V	22 11 11 56.6-2.0	60.75N	166.10E	3-3	6.6L,7.1s		
MOS	V	22 11 11 57.2-1.1	60.78N	165.83E	10	6.8s,6.2b		
IDC	V	22 11 11 57.5-33	60.79N	165.71E	0	6.7s,6.7		
CRAAG	V	22 11 11 57.2	60.84N	165.90E	0	6.7b,6.7		
ISCJB	V	22 11 11 58.4-08	60.76N-01	165.78E-03	15	6.8s,6.0b		
HRVD	V	22 11 12 00.4-10	60.86N	165.81E	12	6.6W,6.0b		
BGS	V	22 11 12 00.7-1.5	60.78N	165.72E	17-0	5.8b,6.0b		
IGIL	V	22 11 12 00.7	60.82N	165.67E	17	6.6s,6.0b		
NEIC	V	22 11 12 00.8-12	60.77N	165.74E	19	6.8,6.7s		
SZGRF	V	22 11 12 01.1	60.67N	164.94E	33	6.8s,6.0b		
ISC	Event type se.							
KRSC	Event type se.							
MOS	Event type se. Error ellipse: s-maj=7.4km s-min=2.8km az=95.5. Fault plane solution: P-wave C36, D60							

ISCJB	V	23 23 16 59.9-86	60.78N-04	165.9E-10	24-8	3.9b			
IDC	V	23 23 16 59.5-2.2	61.01N	165.51E	0	4.0,3.9			
KRSC	V	23 23 16 59.6-70	60.74N	166.12E	20-4	3.8L,3.9			
NEIC	V	23 23 17 01.0-93	60.99N	165.50E	10	4.0b,3.9			
ISC	Event type se.								
MOS	Error ellipse: s-maj=24.0km s-min=12.7km az=99.2.								
ISCJB	Event type se. Error ellipse: s-maj=10.7km s-min=5.3km az=37.3.								
IDC	Error ellipse: s-maj=61.2km s-min=18.6km az=175.0.								
KRSC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=22.7km s-min=10.5km az=168.0.								
ISC	V	26 15 54 51.5-32	60.76N-03	165.62E-08	10	4.0b	57	0-63	
KRSC	V	26 15 54 49.7-30	60.73N	165.80E	8-3	4.0L			¶18648196
IDC	V	26 15 54 50.4-2.2	60.73N	165.46E	0	4.1,3.8			
ISCJB	V	26 15 54 50.1-31	60.75N-03	165.59E-08	10	4.0b,3.8			
BJI	V	26 15 54 50.7	61.00N	165.40E	10	5.1b,4.2b			
MOS	V	26 15 54 51.5-96	60.99N	165.39E	15	4.4b,4.2b			
NEIC	V	26 15 54 52.7-52	60.99N	165.42E	10	4.3b,4.2b			
ISC	Event type se.								
KRSC	Event type se.								
IDC	Error ellipse: s-maj=71.9km s-min=19.7km az=172.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.7km s-min=4.3km az=13.8.								
MOS	Error ellipse: s-maj=20.1km s-min=12.5km az=89.5.								
NEIC	Event type se. Error ellipse: s-maj=13.9km s-min=7.4km az=164.0.								
ISC	V	27 05 51 27.3-2.2	61.51N-05	168.28E-09	15-14	4.2b,3.3s	64	1-86	
KRSC	V	27 05 51 25.4-30	61.46N	168.19E	9-7	4.0L,3.3s			¶18854890
ISCJB	V	27 05 51 26.1-1.3	61.46N-04	168.28E-09	18-10	4.2b,3.3s			
IDC	V	27 05 51 26.1-1.1	61.65N	168.14E	0	4.1,3.9			
NEIC	V	27 05 51 26.7-53	61.47N	168.25E	10	4.3b,3.9			
MOS	V	27 05 51 27.3-1.6	61.63N	168.17E	23	4.5b,3.9			
ISC	Event type se.								
KRSC	Event type se.								
IDC	Error ellipse: s-maj=7.6km s-min=5.5km az=52.1.								
ISCJB	Error ellipse: s-maj=34.2km s-min=17.6km az=170.0.								
NEIC	Event type se. Error ellipse: s-maj=15.5km s-min=6.9km az=171.0.								
MOS	Error ellipse: s-maj=17.8km s-min=11.2km az=93.5.								
IDC	V	22 11 35 53.6-5.0	60.99N	165.39E	0	4.0,3.6b			¶19599266
IDC	Error ellipse: s-maj=206.2km s-min=31.2km az=176.0.								
IDC	V	27 04 15 32.8-3.9	59.97N	165.49E	0	3.8,3.5b			¶19599442
IDC	Error ellipse: s-maj=139.0km s-min=29.7km az=174.0.								
MOS	V	31 06 58 56.3-1.6	60.33N	168.48E	10	4.4b			¶10628702
MOS	Error ellipse: s-maj=36.4km s-min=19.6km az=106.6.								
ISC	V	01 12 59 24.0-99	60.77N-03	166.13E-05	34-7	4.5b,3.9s	237	2-88	
IDC	V	01 12 59 18.8-43	60.77N	165.96E	0	4.6,4.5			¶10698228
KRSC	V	01 12 59 18.2-1.3	60.73N	166.20E	1-4	4.4L,4.5			
MOS	V	01 12 59 19.2-82	60.72N	166.07E	14	4.8b,4.1s			
NEIC	V	01 12 59 20.4-20	60.69N	166.03E	11	4.7b,4.0s			
ISCJB	V	01 12 59 20.8-95	60.73N-03	166.15E-05	23-7	4.5b,3.9s			
BJI	V	01 12 59 20.4	60.70N	166.00E	11	5.1b,4.6s			
HRVD	V	01 12 59 20.4-60	60.90N	166.28E	23-1	4.8W,4.6s			
SZGRF	V	01 12 59 28.7	61.38N	167.21E	33	4.6b,4.6s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=12.0km s-min=10.5km az=38.0.								
KRSC	Event type se.								
MOS	Error ellipse: s-maj=12.3km s-min=5.4km az=93.1.								
NEIC	Event type se. Error ellipse: s-maj=5.8km s-min=3.6km az=189.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.1km s-min=3.3km az=91.6.								
HRVD	Error ellipse: s-maj=11.1km s-min=4.4km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s13,c14; Mantle waves: s44,c57; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mir-1.76±; M1.0±; M2.0±; M3.0±; M4.0±; M5.0±; M6.0±; M7.0±; M8.0±; M9.0±; M10.0±; M11.0±; M12.0±; M13.0±; M14.0±; M15.0±; M16.0±; M17.0±; M18.0±; M19.0±; M20.0±; M21.0±; M22.0±; M23.0±; M24.0±; M25.0±; M26.0±; M27.0±; M28.0±; M29.0±; M30.0±; M31.0±; M32.0±; M33.0±; M34.0±; M35.0±; M36.0±; M37.0±; M38.0±; M39.0±; M40.0±; M41.0±; M42.0±; M43.0±; M44.0±; M45.0±; M46.0±; M47.0±; M48.0±; M49.0±; M50.0±; M51.0±; M52.0±; M53.0±; M54.0±; M55.0±; M56.0±; M57.0±; M58.0±; M59.0±; M60.0±; M61.0±; M62.0±; M63.0±; M64.0±; M65.0±; M66.0±; M67.0±; M68.0±; M69.0±; M70.0±; M71.0±; M72.0±; M73.0±; M74.0±; M75.0±; M76.0±; M77.0±; M78.0±; M79.0±; M80.0±; M81.0±; M82.0±; M83.0±; M84.0±; M85.0±; M86.0±; M87.0±; M88.0±; M89.0±; M90.0±; M91.0±; M92.0±; M93.0±; M94.0±; M95.0±; M96.0±; M97.0±; M98.0±; M99.0±; M100.0±; M101.0±; M102.0±; M103.0±; M104.0±; M105.0±; M106.0±; M107.0±; M108.0±; M109.0±; M110.0±; M111.0±; M112.0±; M113.0±; M114.0±; M115.0±; M116.0±; M117.0±; M118.0±; M119.0±; M120.0±; M121.0±; M122.0±; M123.0±; M124.0±; M125.0±; M126.0±; M127.0±; M128.0±; M129.0±; M130.0±; M131.0±; M132.0±; M133.0±; M134.0±; M135.0±; M136.0±; M137.0±; M138.0±; M139.0±; M140.0±; M141.0±; M142.0±; M143.0±; M144.0±; M145.0±; M146.0±; M147.0±; M148.0±; M149.0±; M150.0±; M151.0±; M152.0±; M153.0±; M154.0±; M155.0±; M156.0±; M157.0±; M158.0±; M159.0±; M160.0±; M161.0±; M162.0±; M163.0±; M164.0±; M165.0±; M166.0±; M167.0±; M168.0±; M169.0±; M170.0±; M171.0±; M172.0±; M173.0±; M174.0±; M175.0±; M176.0±; M177.0±; M178.0±; M179.0±; M180.0±; M181.0±; M182.0±; M183.0±; M184.0±; M185.0±; M186.0±; M187.0±; M188.0±; M189.0±; M190.0±; M191.0±; M192.0±; M193.0±; M194.0±; M195.0±; M196.0±; M197.0±; M198.0±; M199.0±; M200.0±; M201.0±; M202.0±; M203.0±; M204.0±; M205.0±; M206.0±; M207.0±; M208.0±; M209.0±; M210.0±; M211.0±; M212.0±; M213.0±; M214.0±; M215.0±; M216.0±; M217.0±; M218.0±; M219.0±; M220.0±; M221.0±; M222.0±; M223.0±; M224.0±; M225.0±; M226.0±; M227.0±; M228.0±; M229.0±; M230.0±; M231.0±; M232.0±; M233.0±; M234.0±; M235.0±; M236.0±; M237.0±; M238.0±; M239.0±; M240.0±; M241.0±; M242.0±; M243.0±; M244.0±; M245.0±; M246.0±; M247.0±; M248.0±; M249.0±; M250.0±; M251.0±; M252.0±; M253.0±; M254.0±; M255.0±; M256.0±; M257.0±; M258.0±; M259.0±; M260.0±; M261.0±; M262.0±; M263.0±; M264.0±; M265.0±; M266.0±; M267.0±; M268.0±; M269.0±; M270.0±; M271.0±; M272.0±; M273.0±; M274.0±; M275.0±; M276.0±; M277.0±; M278.0±; M279.0±; M280.0±; M281.0±; M282.0±; M283.0±; M284.0±; M285.0±; M286.0±; M287.0±; M288.0±; M289.0±; M290.0±; M291.0±; M292.0±; M293.0±; M294.0±; M295.0±; M296.0±; M297.0±; M298.0±; M299.0±; M300.0±; M301.0±; M302.0±; M303.0±; M304.0±; M305.0±; M306.0±; M307.0±; M308.0±; M309.0±; M310.0±; M311.0±; M312.0±; M313.0±; M314.0±; M315.0±; M316.0±; M317.0±; M318.0±; M319.0±; M320.0±; M321.0±; M322.0±; M323.0±; M324.0±; M325.0±; M326.0±; M327.0±; M328.0±; M329.0±; M330.0±; M331.0±; M332.0±; M333.0±; M334.0±; M335.0±; M336.0±; M337.0±; M338.0±; M339.0±; M340.0±; M341.0±; M342.0±; M343.0±; M344.0±; M345.0±; M346.0±; M347.0±; M348.0±; M349.0±; M350.0±; M351.0±; M352.0±; M353.0±; M354.0±; M355.0±; M356.0±; M357.0±; M358.0±; M359.0±; M360.0±; M361.0±; M362.0±; M363.0±; M364.0±; M365.0±; M366.0±; M367.0±; M368.0±; M369.0±; M370.0±; M371.0±; M372.0±; M373.0±; M374.0±; M375.0±; M376.0±; M377.0±; M378.0±; M379.0±; M380.0±; M381.0±; M382.0±; M383.0±; M384.0±; M385.0±; M386.0±; M387.0±; M388.0±; M389.0±; M390.0±; M391.0±; M392.0±; M393.0±; M394.0±; M395.0±; M396.0±; M397.0±; M398.0±; M399.0±; M400.0±; M401.0±; M402.0±; M403.0±; M404.0±; M405.0±; M406.0±; M407.0±; M408.0±; M409.0±; M410.0±; M411.0±; M412.0±; M413.0±; M414.0±; M415.0±; M416.0±; M417.0±; M418.0±; M419.0±; M420.0±; M421.0±; M422.0±; M423.0±; M424.0±; M425.0±; M426.0±; M427.0±; M428.0±; M429.0±; M430.0±; M431.0±; M432.0±; M433.0±; M434.0±; M435.0±; M436.0±; M437.0±; M438.0±; M439.0±; M440.0±; M441.0±; M442.0±; M443.0±; M444.0±; M445.0±; M446.0±; M447.0±; M448.0±; 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M561.0±; M562.0±; M563.0±; M564.0±; M565.0±; M566.0±; M567.0±; M568.0±; M569.0±; M570.0±; M571.0±; M572.0±; M573.0±; M574.0±; M575.0±; M576.0±; M577.0±; M578.0±; M579.0±; M580.0±; M581.0±; M582.0±; M583.0±; M584.0±; M585.0±; M586.0±; M587.0±; M588.0±; M589.0±; M590.0±; M591.0±; M592.0±; M593.0±; M594.0±; M595.0±; M596.0±; M597.0±; M598.0±; M599.0±; M600.0±; M601.0±; M602.0±; M603.0±; M604.0±; M605.0±; M606.0±; M607.0±; M608.0±; M609.0±; M610.0±; M611.0±; M612.0±; M613.0±; M614.0±; M615.0±; M616.0±; M617.0±; M618.0±; M619.0±; M620.0±; M621.0±; M622.0±; M623.0±; M624.0±; M625.0±; M626.0±; M627.0±; M628.0±; M629.0±; M630.0±; M631.0±; M632.0±; M633.0±; M634.0±; M635.0±; M636.0±; M637.0±; M638.0±; M639.0±; M640.0±; M641.0±; M642.0±; M643.0±; M644.0±; M645.0±; M646.0±; M647.0±; M648.0±; M649.0±; M650.0±; M651.0±; M652.0±; M653.0±; M654.0±; M655.0±; M656.0±; M657.0±; M658.0±; M659.0±; M660.0±; M661.0±; M662.0±; M663.0±; M664.0±; M665.0±; M666.0±; M667.0±; M668.0±; M669.0±; M670.0±; M671.0±; M672.0±; M673.0±; M674.0±; M675.0±; M676.0±; M677.0±; M678.0±; M679.0±; M680.0±; M681.0±; M682.0±; M683.0±; M684.0±; M685.0±; M686.0±; M687.0±; M688.0±; M689.0±; M690.0±; M691.0±; M692.0±; M693.0±; M694.0±; M695.0±; M696.0±; M697.0±; M698.0±; M699.0±; M700.0±; M701.0±; M702.0±; M703.0±; M704.0±; M705.0±; M706.0±; M707.0±; M708.0±; M709.0±; M710.0±; M711.0±; M712.0±; M713.0±; M714.0±; M715.0±; M716.0±; M717.0±; M718.0±; M719.0±; M720.0±; M721.0±; M722.0±; M723.0±; M724.0±; M725.0±; M726.0±; M727.0±; M728.0±; M729.0±; M730.0±; M731.0±; M732.0±; M733.0±; M734.0±; M735.0±; M736.0±; M737.0±; M738.0±; M739.0±; M740.0±; M741.0±; M742.0±; M743.0±; M744.0±; M745.0±; M746.0±; M747.0±; M748.0±; M749.0±; M750.0±; M751.0±; M752.0±; M753.0±; M754.0±; M755.0±; M756.0±; M757.0±; M758.0±; M759.0±; M760.0±; M761.0±; M762.0±; M763.0±; M764.0±; M765.0±; M766.0±; M767.0±; M768.0±; M769.0±; M770.0±; M771.0±; M772.0±; M773.0±; M774.0±; M775.0±; M776.0±; M777.0±; M778.0±; M779.0±; M780.0±; M781.0±; M782.0±; M783.0±; M784.0±; M785.0±; M786.0±; M787.0±; M788.0±; M789.0±; M790.0±; M791.0±; M792.0±; M793.0±; M794.0±; M795.0±; M796.0±; M797.0±; M798.0±; M799.0±; M800.0±; M801.0±; M802.0±; M803.0±; M804.0±; M805.0±; M806.0±; M807.0±; M808.0±; M809.0±; M810.0±; M811.0±; M812.0±; M813.0±; M814.0±; M815.0±; M816.0±; M817.0±; M818.0±; M819.0±; M820.0±; M821.0±; M822.0±; M823.0±; M824.0±; M825.0±; M826.0±; M827.0±; M828.0±; M829.0±; M830.0±; M831.0±; M832.0±; M833.0±; M834.0±; M835.0±; M836.0±; M837.0±; M838.0±; M839.0±; M840.0±; M841.0±; M842.0±; M843.0±; M844.0±; M845.0±; M846.0±; M847.0±; M848.0±; M849.0±; M850.0±; M851.0±; M852.0±; M853.0±; M854.0±; M855.0±; M856.0±; M857.0±; M858.0±; M859.0±; M860.0±; M861.0±; M862.0±; M863.0±; M864.0±; M865.0±; M866.0±; M867.0±; M868.0±; M869.0±; M870.0±; M871.0±; M872.0±; M873.0±; M874.0±; M875.0±; M876.0±; M877.0±; M878.0±; M879.0±; M880.0±; M881.0±; M882.0±; M883.0±; M884.0±; M885.0±; M886.0±; M887.0±; M888.0±; M889.0±; M890.0±; M891.0±; M892.0±; M893.0±; M894.0±; M895.0±; M896.0±; M897.0±; M898.0±; M899.0±; M900.0±; M901.0±; M902.0±; M903.0±; M904.0±; M905.0±; M906.0±; M907.0±; M908.0±; M909.0±; M910.0±; M911.0±; M912.0±; M913.0±; M914.0±; M915.0±; M916.0±; M917.0±; M918.0±; M919.0±; M920.0±; M921.0±; M922.0±; M923.0±; M924.0±; M925.0±; M926.0±; M927.0±; M928.0±; M929.0±; M930.0±; M931.0±; M932.0±; M933.0±; M934.0±; M935.0±; M936.0±; M937.0±; M938.0±; M939.0±; M940.0±; M941.0±; M942.0±; M943.0±; M944.0±; M945.0±; M946.0±; M947.0±; M948.0±; M949.0±; M950.0±; M951.0±; M952.0±; M953.0±; M954.0±; M955.0±; M956.0±; M957.0±; M958.0±; M959.0±; M960.0±; M961.0±; M962.0±; M963.0±; M964.0±; M965.0±; M966.0±; M967.0±; M968.0±; M969.0±; M970.0±; M971.0±; M972.0±; M973.0±; M974.0±; M975.0±; M976.0±; M977.0±; M978.0±; M979.0±; M980.0±; M981.0±; M982.0±; M983.0±; M984.0±; M985.0±; M986.0±; M987.0±; M988.0±; M989.0±; M990.0±; M991.0±; M992.0±; M993.0±; M994.0±; M995.0±; M996.0±; M997.0±; M998.0±; M999.0±; M1000.0±; M1001.0±; M1002.0±; M1003.0±; M1004.0±; M1005.0±; M1006.0±; M1007.0±; M1008.0±; M1009.0±; M1010.0±; M1011.0±; M1012.0±; M1013.0±; M1014.0±; M1015.0±; M1016.0±; M1017.0±; M1018.0±; M1019.0±; M1020.0±; M1021.0±; M1022.0±; M1023.0±; M1024.0±; M1025.0±; M1026.0±; M1027.0±; M1028.0±; M1029.0±; M1030.0±; M1031.0±; M1032.0±; M1033.0±; M1034.0±; M1035.0±; M1036.0±; M103								

ISC	V	27 04 33 46.3-40	60.80N-04	165.72E-10	10	3.8b	35	0-51
KRSC	V	27 04 33 44.3-1.0	60.76N	166.07E	10-4	3.9L		¶1854887
ISCJB	V	27 04 33 45.0-39	60.79N-03	165.7E-10	10	3.8b		
IDC	V	27 04 33 46.8-2.6	60.93N	165.55E	0	3.9,3.6b		
MOS	V	27 04 33 46.9-1.0	61.01N	165.54E	18	4.2b,3.6b		
NEIC	V	27 04 33 47.9-87	60.99N	165.53E	10	4.2b,3.6b		
ISC	Event type se.							
KRSC	Event type se.							
ISCJB	Error ellipse: s-maj=7.4km s-min=-4.7km az=19.0.							
IDC	Error ellipse: s-maj=105.3km s-min=20.2km az=170.0.							
MOS	Error ellipse: s-maj=25.8km s-min=17.3km az=78.8.							
NEIC	Event type se. Error ellipse: s-maj=24.3km s-min=-8.7km az=167.0.							
ISC	V	27 22 12 55.8-1.4	60.78N-05	166.0E-20	10-11	3.6b	27	0-84
IDC	V	27 22 12 54.5-1.3	60.73N	165.88E	0	3.9,3.7		¶1854895
MOS	V	27 22 12 54.3-1.7	60.61N	165.93E	16	4.2b,3.7		
KRSC	V	27 22 12 54.3-9.0	60.76N	166.07E	12-4	3.9L,3.7		
ISCJB	V	27 22 12 55.0-1.2	60.77N-05	165.9E-20	14-10	3.6b,3.7		
NEIC	V	27 22 12 56.2-1.3	60.78N	165.80E	10	3.6b,3.7		
ISC	Event type se.							
IDC	Error ellipse: s-maj=49.0km s-min=20.0km az=158.0.							
MOS	Error ellipse: s-maj=26.3km s-min=17.4km az=98.4.							
KRSC	Event type se.							
ISCJB	Error ellipse: s-maj=13.6km s-min=7.0km az=49.0.							
NEIC	Event type se. Error ellipse: s-maj=31.6km s-min=12.2km az=160.0.							
ISC	V	29 19 39 36.4-1.1	60.78N-03	165.57E-06	3-7	4.4b,4.0s	142	0-94
KRSC	V	29 19 39 35.7-30	60.72N	165.77E	10-3	4.4L,4.0s		¶10698697
ISCJB	V	29 19 39 35.8-94	60.74N-03	165.55E-06	10-6	4.4b,4.0s		
BJI	V	29 19 39 35.5	60.80N	165.50E	10	4.8b,4.6s		
IDC	V	29 19 39 36.0-80	60.75N	165.51E	0	4.3,4.2		
MOS	V	29 19 39 36.0-1.2	60.76N	165.53E	13	4.8b,4.2s		
NEIC	V	29 19 39 37.5-31	60.77N	165.48E	10	4.6b,4.2s		
ISC	Event type se.							
KRSC	Event type se.							
ISCJB	Error ellipse: s-maj=6.2km s-min=-3.8km az=89.7.							
IDC	Error ellipse: s-maj=23.1km s-min=-13.7km az=179.0.							
MOS	Error ellipse: s-maj=12.8km s-min=-6.9km az=84.7.							
NEIC	Event type se. Error ellipse: s-maj=10.0km s-min=-4.3km az=177.0.							
KRSC	VI	16 05 46 42.9-50	60.81N	166.06E	20-4	3.8L		¶10969286
ISC	Event type se.							
KRSC	VI	07 11 50 54.2-1.9	60.70N	165.81E	16-3	4.1L		¶10969273
ISC	Event type se.							
KRSC	VI	04 11 47 26.9-70	60.86N	165.96E	20-4	3.8L		¶10969270
ISC	Event type se.							
KRSC	IV	20 23 34 36.8-57	61.41N-03	167.48E-08	55-6	4.9b	150	1-151
IDC	IV	20 23 34 29.9-66	61.37N	167.52E	0	4.9,4.8		¶18320875
MOS	IV	20 23 34 30.3-90	61.51N	167.58E	12	5.1b,4.8		
KRSC	IV	20 23 34 32.1-2.1	61.32N	167.62E	11-5	5.2L,4.8		
NEIC	IV	20 23 34 32.1-26	61.56N	167.58E	10	5.2b,4.8		
ISCJB	IV	20 23 34 34.8-69	61.36N-03	167.46E-08	51-7	4.9b,4.8		
ISC	Event type se.							
KRSC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	IV	20 23 38 51.8-12	61.31N-02	167.49E-04	54	5.4s,5.2b	396	1-151
IDC	IV	20 23 38 44.3-43	61.27N	167.38E	0	5.0,5.0		¶18582760
MOS	IV	20 23 38 44.9-91	61.31N	167.54E	13	5.4b,5.0		
KRSC	IV	20 23 38 44.0-1.8	61.34N	167.81E	3-7	5.2L,5.0		
BJI	IV	20 23 38 45.0	61.30N	167.50E	10	5.4s,5.3s		
NEIC	IV	20 23 38 46.5-15	61.35N	167.46E	10	5.4b,5.3s		
CSEM	IV	20 23 38 47.9	61.26N	167.68E	30	5.5b,5.3s		
ISCJB	IV	20 23 38 49.9-12	61.27N-02	167.46E-04	52	5.4s,5.2b		
SZGRF	IV	20 23 38 58.9	63.02N	172.60E	33	5.5b,5.2b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=11.9km s-min=11.4km az=109.0.							
MOS	Error ellipse: s-maj=10.1km s-min=4.6km az=89.0.							
KRSC	Event type se.							
NEIC	Event type se. Error ellipse: s-maj=4.9km s-min=2.8km az=5.0.							
ISCJB	Event type se. Error ellipse: s-maj=3.2km s-min=2.2km az=88.7.							
SZGRF	Eastern Siberia, Russia.							
ISC	IV	20 23 41 56.1-65	60.88N-04	167.2E-10	56-7	4.5b	76	2-151
MOS	IV	20 23 41 48.9-99	60.84N	167.09E	13	4.7b		¶18646239
IDC	IV	20 23 41 49.2-64	60.91N	167.05E	0	4.6L,4.6		
NEIC	IV	20 23 41 50.2-4.3	60.91N	167.07E	7-26	4.9b,4.6		
KRSC	IV	20 23 41 53.1-00	60.80N	167.25E	19-7	4.6L,4.6		
ISCJB	IV	20 23 41 54.8-76	60.83N-04	167.2E-10	59-7	4.5b,4.6		
ISC	Event type se.							
NEIC	Event type se.							
KRSC	Event type se.							
ISCJB	Event type se.							
ISC	IV	20 23 44 55.5-59	61.03N-04	167.0E-10	54-6	4.4b	53	1-85
MOS	IV	20 23 44 48.7-1.0	60.99N	166.95E	13	4.7b		¶10697901
IDC	IV	20 23 44 49.4-80	61.14N	166.84E	0	4.4,4.3		
NEIC	IV	20 23 44 51.0-45	61.15N	166.88E	10	4.8b,4.3		
KRSC	IV	20 23 44 50.4-30	61.03N	167.00E	8-7	4.4L,4.3		
ISCJB	IV	20 23 44 53.6-69	60.99N-04	167.0E-10	51-7	4.4b,4.3		
ISC	Event type se.							
NEIC	Event type se.							
KRSC	Event type se.							
ISCJB	Event type se.							
ISC	IV	20 23 56 10.1-1.6	60.74N-10	167.3E-30	47-17	4.2b	15	7-85
MOS	IV	20 23 56 04.2-93	60.74N	167.26E	12	4.3b		¶18646248
IDC	IV	20 23 56 04.7-89	60.88N	167.09E	0	4.3,4.2		
ISCJB	IV	20 23 56 06.1-4.4	60.74N-10	167.3E-30	25-34	4.2b,4.2		
ISC	IV	20 23 51 57.4-71	60.84N-04	167.1E-20	50-8	4.1b	33	2-69
MOS	IV	20 23 51 50.8-1.5	60.81N	166.99E	10	4.1b		¶18646244
IDC	IV	20 23 51 51.7-74	60.95N	166.88E	0	4.2,4.0b		
KRSC	IV	20 23 51 52.6-00	60.85N	167.08E	7-7	4.1L,4.0b		
NEIC	IV	20 23 51 53.3-95	60.95N	166.83E	10	4.3b,4.0b		
ISCJB	IV	20 23 51 55.5-82	60.80N-04	167.2E-20	48-9	4.1b,4.0b		
ISC	Event type se.							
KRSC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	IV	20 23 54 21.2-54	60.86N-03	166.45E-10	46-6	4.5b	72	2-90
MOS	IV	20 23 54 14.7-1.2	60.84N	166.36E	10	5.7b		¶18320878
IDC	IV	20 23 54 15.4-59	60.95N	166.24E	0	4.4,4.4		
KRSC	IV	20 23 54 16.7-00	60.84N	166.59E	13-5	4.6L,4.4		
NEIC	IV	20 23 54 16.8-32	60.85N	166.37E	10	4.8b,4.4		
ISCJB	IV	20 23 54 19.3-66	60.82N-03	166.44E-10	43-7	4.5b,4.4		
ISC	Event type se.							
KRSC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	IV	20 23 54 47.6-65	60.65N-04	166.0E-10	56-7	4.4b	42	2-151
IDC	IV	20 23 54 42.0-1.7	60.93N	165.90E	0	4.5,4.4		¶18646246
MOS	IV	20 23 54 42.1-1.2	60.97N	165.99E	10	5.0b,4.4		
KRSC	IV	20 23 54 43.9-00	60.64N	165.86E	13-5	4.5L,4.4		
NEIC	IV	20 23 54 43.4-73	60.87N	166.00E	10	4.9b,4.4		
ISCJB	IV	20 23 54 46.0-73	60.62N-04	166.0E-10	55-8	4.4b,4.4		
ISC	Event type se.							
KRSC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	IV	21 00 02 49.0-5.3	60.8N-10	166.4E-30	34-43	3.8b	10	7-64
ISCJB	IV	21 00 02 42.5-6.9	60.8N-10	166.3E-30	0-48	3.9b		¶18646256
MOS	IV	21 00 02 43.7-64	60.74N	166.32E	10	4.1b		
IDC	IV	21 00 02 45.1-1.2	60.86N	166.31E	0	4.1,4.0L		
ISCJB	Error ellipse: s-maj=28.5km s-min=17.9km az=146.6.							

MOS	Error ellipse: s-maj=54.6km s-min=20.4km az=93.6.							
IDC	Error ellipse: s-maj=30.6km s-min=18.2km az=68.0.							
ISC	IV	21 00 51 12.9-10	61.13N-02	166.98E-03	32	5.8s,5.2b	666	1-151
IV	21 00 51 07.2	60.26N	169.58E	33	5.7b,5.2b		¶10697920	
SZGRF	IV	21 00 51 07.8-36	61.08N	166.99E	0	5.2,5.2		
IDC	IV	21 00 51 07.5-1.9	61.09N	167.11E	1-4	5.4L,5.2		
KRSC	IV	21 00 51 08.0-88	61.14N	166.98E	10	5.4b,5.2		
MOS	IV	21 00 51 09.7	61.36N	167.02E	30	5.8s,5.7s		
ISCJB	IV	21 00 51 10.9-10	61.08N-02	166.9E-03	30	5.8s,5.2b		
NEIC	IV	21 00 51 12.8-14	61.14N	166.97E	29	5.3b,5.2b		
ISC	Event type se.							
SZGRF	Eastern Siberia, Russia.							
IDC	Error ellipse: s-maj=10.1km s-min=-9.7km az=29.0.							
KRSC	Event type se.							
MOS	Error ellipse: s-maj=8.4km s-min=-3.5km az=95.3.							
ISCJB	Event type se. Error ellipse: s-maj=2.7km s-min=-1.9km az=81.5.							
NEIC	Event type se. Error ellipse: s-maj=4.1km s-min=-2.3km az=10.0.							
ISC	IV	21 03 57 03.4-4.2	64.2N-40	167.4E-60	10	3.2b	7	4-54
IDC	IV	21 03 56 32.5-16	59.71N	165.91E	0	3.5,3.3		¶19597607
MOS	IV	21 03 56 47.4-1.7	63.23N	164.86E	10	3.9b,3.3		
ISCJB	IV	21 03 57 02.3-4.0	64.3N-40	167.6E-60	10	3.2b,3.3		
ISC	IV	21 04 32 45.2-08	60.61N-01	165.83E-02	17	6.1b,5.8s	1593	2-170
SZGRF	IV	21 04 32 41.2	59.75N	164.69E	20	6.4b,5.6s		¶10697957
BJI	IV	21 04 32 41.3	60.46N	166.16E	19	6.5s,6.4b		
CRAAG	IV	21 04 32 42.1	60.62N	165.85E	10	6.3b,6.4b		
MOS	IV	21 04 32 42.4-77	60.58N	165.85E	10	6.3b,6.0s		
HRVD	IV	21 04 32 43.8-40	60.50N	165.98E	23-0	6.1W,6.6s		
ISCJB	IV	21 04 32 43.8-10	60.53N	165.82E	9	6.4W,6.3b		
NEIC	IV	21 04 32 43.5-08	60.56N-01	165.84E-02	16	6.1b,5.8s		
IDC	IV	21 04 32 45.5-96	60.58N	165.93E	19-5	5.6,5.6		
KRSC	IV	21 04 32 45.2-1.3	60.56N	165.85E	22-3	5.6L,5.6		
BGS	IV	21 04 32 46.9	60.48N	166.18E	33	5.9b,5.6		
ISC	Event type se.							
SZGRF	Kamchatka Peninsula, Russia.							
MOS	Error ellipse: s-maj=7.2km s-min=-3.5km az=93.1. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:φ=31.00000°,δ=58.00000°,λ=6.00000°. NP2:φ=219.00000°,δ=32.00000°,λ=97.00000°. Principal axes: T P1g77.0000°; Azm289.0000°; N P1g4.0000°; Azm34.0000°; P P1g13.0000°; Azm124.0000°; M4.50000x1018; N-0.4060P1g3.0000°; Azm3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s34,c36; Mantle waves: s83,c114; Half duration: 2;8 Moment tensor: Scale 1018Nm; Mr:1.38±12 Mm:0.85±0.7; Mm:1.27±0.7; Mm:0.11±1.1; Mm:0.63±0.3; Mm:0.07±1.0; Best double couple: NP1:φ=213.00000°,δ=45.00000°,λ=86.00000°. NP2:φ=39.00000°,δ=45.00000°,λ=94.00000°. Principal axes: T 2.1370,P1g87.0000°; Azm33.0000°; N-0.4060P1g3.0000°; Azm216.0000°; P-1.7230,P1g0.0000°; Azm126.0000°; M4.93000x1018							
HRVD	Error ellipse: s-maj=5.6km s-min=-3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s34,c36; Mantle waves: s83,c114; Half duration: 2;8 Moment tensor: Scale 1018Nm; Mr:1.38±12 Mm:0.85±0.7; Mm:1.27±0.7; Mm:0.11±1.1; Mm:0.63±0.3; Mm:0.07±1.0; Best double couple: NP1:φ=213.00000°,δ=45.00000°,λ=86.00000°. NP2:φ=39.00000°,δ=45.00000°,λ=94.00000°. Principal axes: T 2.1370,P1g87.0000°; Azm33.0000°; N-0.4060P1g3.0000°; Azm216.0000°; P-1.7230,P1g0.0000°; Azm126.0000°; M4.93000x1018							
NEIC	Event type se. Error ellipse: s-maj=2.9km s-min=-1.							

PGC	III	12 04 29 03.8	69.67N	145.16W	1	4.2L,4.4			
ISC	Event type ke.								
MOS	Error ellipse: s-maj=19.5km s-min=4.9km az=93.0.								
ISCJB	Event type ke. Error ellipse: s-maj=4.1km s-min=2.9km az=146.1.								
NEIC	Event type se. After AEIC.								
IDC	Error ellipse: s-maj=14.9km s-min=10.2km az=54.0.								
PGC	Event type ke. Error ellipse: s-maj=4.4km s-min=4.6km az=-1.0. 137km southeast of Prudhoe Bay, Ak Coast of northern Alaska.								
ISC	III	22 21 27 16.7-35	69.60N-03	145.8W-10	10	4.1b,3.5s	53	2-71	
ISCJB	III	22 21 27 15.2-35	69.57N-03	145.8W-10	10	4.1b,3.5s		¶10608717	
BJI	III	22 21 27 15.0	69.50N	145.80W	10	4.8b,4.6b			
IDC	III	22 21 27 16.0-83	69.62N	146.31W	0	4.2,4.1			
NEIC	III	22 21 27 17.0	69.53N	145.80W	10	4.1L,3.9b			
ISC	Event type se.								
ISCJB	Event type fe. Error ellipse: s-maj=5.8km s-min=4.6km az=26.9.								
IDC	Error ellipse: s-maj=22.7km s-min=13.7km az=69.0.								
NEIC	Event type se. After AEIC.								
ISC	III	23 19 09 17.1-59	66.29N-05	142.2W-10	10		21	1-12	
ISCJB	III	23 19 09 15.8-60	66.30N-04	142.2W-10	10			¶10609237	
PGC	III	23 19 09 16.4	66.26N	142.52W	10	2.6L			
NEIC	III	23 19 09 18.0	66.19N	142.55W	4	2.8L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=6.6km s-min=5.9km az=128.3.								
PGC	Event type ke. Error ellipse: s-maj=3.3km s-min=5.8km az=-1.0. 284km northwest of Dawson, Yt Eastern Alaska.								
NEIC	Event type se. After AEIC.								
ISC	III	23 23 23 34.8-55	66.30N-04	142.06W-09	10		28	3-12	
ISCJB	III	23 23 23 33.7-62	66.27N-05	142.1W-10	10			¶10609337	
NEIC	III	23 23 23 33.6	66.25N	142.33W	1	3.0L			
PGC	III	23 23 23 35.5	66.26N	142.15W	1	2.8L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=6.8km s-min=5.5km az=123.1.								
NEIC	Event type se. After AEIC.								
PGC	Event type ke. Error ellipse: s-maj=3.3km s-min=3.1km az=-1.0. 276km northwest of Dawson, Yt Eastern Alaska.								
ISC	III	23 03 37 05.0-30	66.31N-03	142.23W-07	10	4.0b,3.5s	82	1-63	
ISCJB	III	23 03 37 03.5-31	66.29N-03	142.20W-07	10	4.0b,3.5s		¶10612667	
IDC	III	23 03 37 04.9-64	66.36N	142.09W	0	4.2,4.2L			
NEIC	III	23 03 37 05.9	66.26N	142.37W	18	4.5W,4.4L			
PGC	III	23 03 37 05.0	66.29N	142.23W	5	4.5W,4.4L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.4km s-min=4.0km az=125.0.								
IDC	Error ellipse: s-maj=12.6km s-min=9.1km az=148.0.								
NEIC	Event type se. After AEIC. Moment Tensor Solution. M=6.60000x10 ¹⁵ Moment Tensor Solution. M=3.20000x10 ¹⁵								
PGC	Event type ke. Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. 280km northwest of Dawson, Yt Eastern Alaska.								
NEIC	III	29 05 46 12.8	66.26N	142.22W	1	3.1L			
PGC	III	29 05 46 16.0	66.24N	142.07W	15	3.1L		¶10612722	
ISC	Event type se. After AEIC.								
PGC	Event type ke. Error ellipse: s-maj=2.2km s-min=3.1km az=-1.0. 272km northwest of Dawson, Yt Eastern Alaska.								
ISC	III	29 13 43 27.7-44	66.26N-03	142.16W-08	4		33	2-12	
ISCJB	III	29 13 43 26.2-45	66.26N-03	141.97W-08	4			¶10612912	
NEIC	III	29 13 43 28.1	66.24N	142.36W	4	3.2L			
PGC	III	29 13 43 29.6	66.24N	142.19W	5	3.6L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=4.9km s-min=4.3km az=18.3.								
NEIC	Event type se. After AEIC.								
PGC	Event type ke. Error ellipse: s-maj=3.3km s-min=3.1km az=-1.0. 275km northwest of Dawson, Yt Eastern Alaska.								
ISC	III	02 15 42 21.5-40	66.32N-04	142.09W-08	10	3.6b	48	1-52	
ISCJB	III	02 15 42 20.3-42	66.27N-03	142.07W-09	10	3.6b		¶10595894	
NEIC	III	02 15 42 22.6	66.28N	142.29W	17	3.8L,3.8L			
IDC	III	02 15 42 22.1-1.0	66.30N	142.15W	0	4.0,3.8b			
PGC	III	02 15 42 24.7	66.28N	141.72W	10	3.8L,3.8b			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=5.2km s-min=4.8km az=78.5.								
NEIC	Event type se. After AEIC.								
IDC	Error ellipse: s-maj=19.8km s-min=9.2km az=158.0.								
PGC	Event type ke. Error ellipse: s-maj=3.3km s-min=4.0km az=-1.0. Eastern Alaska.								
ISC	VI	15 14 16 56.9-56	66.24N-04	142.19W-09	10		21	2-12	
ISCJB	VI	15 14 16 55.2-57	66.26N-05	142.15W-10	10			¶18547954	
PGC	VI	15 14 16 57.7	66.33N	142.13W	1	2.9L			
NEIC	VI	15 14 16 57.7	66.19N	142.43W	9	3.1L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=7.0km s-min=5.4km az=36.6.								
PGC	Event type ke. Error ellipse: s-maj=3.3km s-min=3.1km az=-1.0. 282km northwest of Dawson, Yt Eastern Alaska.								
NEIC	Event type se. After AEIC.								
ISC	VI	01 03 14 27.2-47	66.33N-03	142.19W-08	10		26	1-12	
ISCJB	VI	01 03 14 25.6-49	66.31N-03	142.11W-08	10			¶18547673	
NEIC	VI	01 03 14 26.6	66.30N	142.41W	2	3.0L			
PGC	VI	01 03 14 27.4	66.33N	142.31W	1	3.1L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=5.2km s-min=4.5km az=65.1.								
NEIC	Event type se. After AEIC.								
PGC	Event type ke. Error ellipse: s-maj=3.3km s-min=3.1km az=-1.0. 286km northwest of Dawson, Yt Eastern Alaska.								
ISC	VI	02 15 24 40.5-48	66.35N-03	142.05W-08	10		29	1-12	
ISCJB	VI	02 15 24 38.7-52	66.40N-04	141.91W-09	10			¶18547698	
NEIC	VI	02 15 24 42.4	66.34N	142.37W	20	3.2L			
PGC	VI	02 15 24 44.6	66.36N	142.01W	20	2.9L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=6.1km s-min=4.3km az=86.1.								
NEIC	Event type se. After AEIC.								
PGC	Event type ke. Error ellipse: s-maj=3.3km s-min=3.1km az=-1.0. 282km northwest of Dawson, Yt Eastern Alaska.								
ISC	VI	11 08 25 55.7-39	66.87N-03	147.46W-08	10	4.4s,4.2b	59	1-75	
ISCJB	VI	11 08 25 54.2-39	66.85N-04	147.38W-08	10	4.4s,4.2b		¶18750404	
BJI	VI	11 08 25 55.2	66.74N	148.27W	7	4.9b,4.8b			
NEIC	VI	11 08 25 58.0	66.73N	147.67W	15	4.2L,4.2b			
IDC	VI	11 08 25 59.8-1.2	67.04N	145.61W	0	3.9,3.7L			
ISC	Event type fe.								
ISCJB	Event type fe. Error ellipse: s-maj=5.1km s-min=4.8km az=173.9.								
NEIC	Event type fe. Felt [I] at Fairbanks. After AEIC.								
IDC	Error ellipse: s-maj=23.9km s-min=17.4km az=80.0.								
ISC	III	14 07 54 09.1-34	66.36N-03	142.13W-08	10	5.1s,4.4b	51	1-71	
ISCJB	III	14 07 54 07.7-38	66.31N-03	142.06W-09	10	5.1s,4.4b		¶10603460	
BJI	III	14 07 54 08.3	66.30N	142.50W	22	4.6b,4.3s			
IDC	III	14 07 54 09.2-1.1	66.36N	142.40W	0	4.3,4.0			
NEIC	III	14 07 54 11.4	66.29N	142.45W	22	4.0L,4.0			
PGC	III	14 07 54 11.7	66.29N	141.68W	5	4.1L,4.0			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=5.7km s-min=4.3km az=69.4.								
IDC	Error ellipse: s-maj=18.8km s-min=9.5km az=153.0.								
NEIC	Event type se. After AEIC.								
PGC	Event type ke. Error ellipse: s-maj=5.6km s-min=3.1km az=-1.0. 269km northwest of Dawson, Yt Eastern Alaska.								
ISC	III	14 07 56 37.0-35	66.34N-04	142.13W-08	10	5.1s,4.4b	49	1-65	
BJI	III	14 07 56 34.6	66.30N	142.40W	10	5.0s,5.0b		¶10603465	
ISCJB	III	14 07 56 35.5-37	66.31N-04	142.05W-09	10	5.1s,4.4b			
IDC	III	14 07 56 36.4-93	66.37N	142.44W	0	4.5,4.4s			
NEIC	III	14 07 56 37.7	66.27N	142.44W	10	4.3L,3.9b			
PGC	III	14 07 56 40.2	66.23N	141.63W	1	4.4L,3.9b			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=5.2km s-min=4.9km az=112.1.								
IDC	Error ellipse: s-maj=21.2km s-min=9.8km az=147.0.								
NEIC	Event type se. After AEIC.								
PGC	Event type ke. Error ellipse: s-maj=3.3km s-min=3.6km az=-1.0. 262km northwest of Dawson, Yt Eastern Alaska.								

ISC	II	03 01 07 04.0-53	66.27N-05	142.2W-10	55		25	1-12	
ISCJB	II	03 01 07 02.5-54	66.26N-05	142.1W-10	55			¶9569641	
PGC	II	03 01 07 02.8	66.22N	141.92W	1	2.9L			
NEIC	II	03 01 07 02.9	66.28N	142.13W	55	2.9L			
ISC	Event type ke.								
ISCJB	Event type ke. Error ellipse: s-maj=7.4km s-min=6.4km az=71.4.								
PGC	Event type ke. Error ellipse: s-maj=4.4km s-min=4.5km az=-1.0. Eastern Alaska.								
NEIC	Event type se. After AEIC.								
ISC	II	05 08 17 02.7-09	66.28N-01	142.47W-04	19	5.1s,5.0b	645	1-177	
SZGRF	II	05 08 16 55.7	64.69N	143.12W	33	5.2b,5.1s		¶18079880	
BJI	II	05 08 16 58.7	66.17N	142.15W	24	5.8s,5.4s			
PGC	II	05 08 16 59.9	66.43N	142.34W	10	5.7L,5.6L			
IDC	II	05 08 17 00.3-37	66.39N	142.25W	0	5.0L,4.9s			
ISCJB	II	05 08 17 01.0-09	66.27N-01	142.45W-04	18	5.1s,5.0b			
NEIC	II	05 08 17 01.4	66.30N	142.69W	9	5.5W,5.1s			
HRVD	II	05 08 17 01.4-10	66.46N	142.16W	14-0	5.4W,5.1s			
MOS	II	05 08 17 03.5-93	66.28N	142.37W	38	5.2b,5.0s			
BGS	II	05 08 17 06.4-2.6	66.55N	143.04W	33-0	5.1b,5.0s			
NAO	II	05 08 17 27.0	68.81N	136.94W	33	4.9b,5.0s			
ISC	Event type fe.								
SZGRF	Central Alaska, United States.								
PGC	Event type ke. Error ellipse: s-maj=4.4km s-min=0.9km az=-1.0. 297km northwest of Dawson, Yt Eastern Alaska.								
IDC	Error ellipse: s-maj=9.2km s-min=6.8km az=140.0.								
ISCJB	Event type fe. Error ellipse: s-maj=2.3km s-min=1.9km az=166.1.								
NEIC	Event type fe. Felt [III] at Fairbanks. After AEIC. Moment Tensor Solution. s5 Moment tensor: Scale 1017Nm; M=0.36 M=2.55 M=2.19 M=0.69 M=0.36 M=0.03 Best double couple: NP1:φ=49.00000°; λ=9.00000°; NP2:φ=140.00000°; λ=81.00000°; λ=171.00000°; Principal axes: T 2.22000,Plg1.00000°; Azm94.00000°; N 0.52000,Plg77.00000°; Azm187.00000°; P -2.74000,Plg13.00000°; Azm4.00000° M=2.50000x10 ¹⁷								
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s78.c147; Mantle waves: s96.c201; Half duration: 1s2 Moment tensor: Scale 1017Nm; M=0.17; 02 M=1.32; 02 M=1.50; 02 M=0.03; 02 M=0.40; 02 M=0.52; 05; Best double couple: NP1:φ=54.00000°; λ=78.00000°; λ=10.00000°; NP2:φ=322.00000°; λ=81.00000°; λ=167.00000°; Principal axes: T 1.69900,Plg15.00000°; Azm278.00000°; N -0.31500,Plg74.00000°; Azm106.00000°; P -1.37800,Plg2.00000°; Azm8.00000° M=1.53800x10 ¹⁷								
MOS	Error ellipse: s-maj=12.1km s-min=3.7km az=90.3.								
BGS	Error ellipse: s-maj=496.3km s-min=999.9km az=-1.0.								
ISC	II	05 09 26 53.4-1.4	66.23N-04	142.5W-10	12-11		22	1-13	
PGC	II	05 09 26 47.1	66.44N	143.66W	5	3.6L		¶9569902	
ISCJB	II	05 09 26 51.5-52	66.19N-04	142.23W-09	10	3.6L			
NEIC	II	05 09 26 54.4	66.21N	142.72W	10	3.3L			

Best double couple: NP1:φ284.00000°;δ41.00000°;λ79.00000°; NP2:φ118.00000°;δ50.00000°;λ100.00000°; Principal axes: T 1.9700,Plg81.0000°;AzM78.0000°; N 0.0190,Plg7.0000°;AzM292.0000°; P -1.9960,Plg5.0000°;AzM202.0000°; Mo1.98300×10¹⁷

MOS Error ellipse: s-maj=10.4km s-min=3.3km az=90.0.
SZGRF Northwest Territories, Canada.
OTT III 13 14 48 06.9--36 64.66N 87.04W 18 2.7

OTT Event type ke. Error ellipse: s-maj=4.4km s-min=6.7km az=-1.0. 196km west from Coral Harbour, Nu Boothia Ungava Seismic Zone.
ISC III 05 20 31 49.7--38 64.88N-04 129.12W-08 10 3.7b 53 4-66
ISCJB III 05 20 31 47.9--40 64.87N-05 129.08W-10 10 3.7b
IDC III 05 20 31 49.1--74 64.87N 129.17W 0 3.9L,3.8
NEIC III 05 20 31 51.0 64.90N 129.20W 3 4.0b,3.8W
PGC III 05 20 31 51.6 64.90N 129.20W 10 4.1L,3.8W

ISC Event type ke.
ISCJB Event type ke. Error ellipse: s-maj=7.5km s-min=5.4km az=58.8.
IDC Error ellipse: s-maj=17.5km s-min=7.7km az=23.0.
NEIC Event type se. After PGC. Moment Tensor Solution. Mo6.40000×10¹⁴

PGC Event type ke. Error ellipse: s-maj=3.3km s-min=1.9km az=-1.0. Mackenzie Mountains, Northwest Territories.
PGC III 02 05 05 19.9 64.95N 128.99W 10 3.9L

PGC Event type ke. Error ellipse: s-maj=2.2km s-min=0.9km az=-1.0. Mackenzie Mountains, Northwest Territories.
OTT III 02 06 01 53.4--33 65.23N 87.55W 18 3.0

OTT Event type ke. Error ellipse: s-maj=2.2km s-min=2.3km az=-1.0. 158km southwest from Repulse Bay, Nu Boothia Ungava Seismic Zone, Boothia Ungava Seismic Zone.
OTT III 07 18 36 55.2--14 72.10N 96.42W 18 3.4

OTT Event type ke. Error ellipse: s-maj=1.1km s-min=1.4km az=-1.0. 76km west from Fort Ross, Nu Boothia Ungava Seismic Zone.
PGC III 06 04 04 23.1 64.83N 129.22W 1 3.0L

PGC Event type ke. Error ellipse: s-maj=2.2km s-min=1.4km az=-1.0. Mackenzie Mountains, Northwest Territories.
PGC III 06 02 52 56.3 64.94N 129.23W 15 3.6L
NEIC III 06 02 52 53.2--53 64.94N 129.12W 5 3.6L

PGC Event type ke. Error ellipse: s-maj=2.2km s-min=1.4km az=-1.0. Mackenzie Mountains, Northwest Territories.
NEIC Event type se. Error ellipse: s-maj=8.2km s-min=7.0km az=220.0.
PGC VI 08 04 57 27.6 64.98N 130.86W 1 4.2L,3.9W
NEIC VI 08 04 57 27.6 64.98N 130.86W 1 3.9W,3.9b

PGC Event type ke. Error ellipse: s-maj=2.2km s-min=0.9km az=-1.0. 196km southwest of Norman Wells, Nu Mackenzie Mountains, Northwest Territories.
NEIC Event type se. After PGC. Moment Tensor Solution. Mo8.30000×10¹⁴

OTT II 09 15 22 12.8--1.2 63.79N 86.76W 18 2.7

OTT Event type ke. Error ellipse: s-maj=6.7km s-min=7.9km az=-1.0. 181km west from Coral Harbour, Nu Boothia Ungava Seismic Zone.
OTT II 10 06 52 19.7--52 69.92N 95.68W 18 2.9

OTT Event type ke. Error ellipse: s-maj=3.3km s-min=14.9km az=-1.0. 95km northwest from Taloyoak, Nu Boothia Ungava Seismic Zone.
OTT V 26 17 01 02.9--51 71.72N 96.46W 18 2.6

OTT Event type ke. Error ellipse: s-maj=2.2km s-min=4.2km az=-1.0. 84km west from Fort Ross, Nu Boothia Ungava Seismic Zone.
OTT I 30 23 37 15.9--57 64.31N 86.42W 18 2.5

OTT Event type ke. Error ellipse: s-maj=6.7km s-min=7.2km az=-1.0. 160km west from Coral Harbour, Nu Boothia Ungava Seismic Zone.
OTT I 28 00 25 08.8--73 68.44N 91.95W 18 2.5

OTT Event type ke. Error ellipse: s-maj=8.9km s-min=7.4km az=-1.0. 90km west from Kugaaruk, Nu Boothia Ungava Seismic Zone.
PGC I 01 19 48 12.2 60.38N 116.64W 10 2.9

PGC Event type ke. Error ellipse: s-maj=2.2km s-min=1.6km az=-1.0. Southwest of Great Slave Lake, Northwest Territories.
ISC I 14 23 51 21.3--82 67.47N-03 135.7W-10 7-6 4.6s,3.8b 50 1-98
IDC I 14 23 51 21.5--1.1 67.55N 135.81W 0 4.4,4.4s

ISCJB I 14 23 51 22.2--54 67.43N-05 135.3W-10 33 4.6s,3.8b
BJI I 14 23 51 22.0 67.60N 135.30W 3 5.0b,4.8s
PGC I 14 23 51 25.9 67.55N 135.59W 35 3.9L,4.8s
NEIC I 14 23 51 26.0 67.55N 135.58W 35 3.9L,4.8s

ISC Event type ke.
IDC Error ellipse: s-maj=14.8km s-min=9.2km az=127.0.
ISCJB Event type ke. Error ellipse: s-maj=7.8km s-min=6.3km az=46.3.
PGC Event type ke. Error ellipse: s-maj=4.4km s-min=2.1km az=-1.0. Near Fort McPherson, Northwest Territories.

NEIC Event type se. After PGC.
OTT VI 23 17 12 02.1--83 64.71N 87.11W 18 3.2

OTT Event type ke. Error ellipse: s-maj=6.7km s-min=15.7km az=-1.0. Wager Bay region, Nu 200km west from Coral Harbour, Nu Boothia Ungava Seismic Zone.
(680) Western Kalaallit Nunaat.
OTT II 08 08 04 28.7--69 69.37N 53.47W 18 3.2

OTT Event type ke. Error ellipse: s-maj=6.7km s-min=5.1km az=-1.0. Greenland coast 478km northeast from Qikiqtaaluaq, Nu Eastern Arctic Background Seismic Zone.
ISC II 16 00 32 34.3--60 69.31N-06 53.8W-20 18 3.5b 35 3-66
ISCJB II 16 00 32 32.1--62 69.31N-06 54.0W-20 18 3.5b

IDC II 16 00 32 32.5--95 69.31N 53.14W 0 3.8,3.6L
NEIC II 16 00 32 34.2 69.43N 53.35W 18 4.0L,3.6L
OTT II 16 00 32 34.2--39 69.43N 53.35W 18 4.0L,3.6L

ISC Event type ke.
ISCJB Event type ke. Error ellipse: s-maj=8.9km s-min=7.3km az=87.9.
IDC Error ellipse: s-maj=22.2km s-min=19.4km az=23.0.
NEIC Event type se. After OTT.

OTT Event type ke. Error ellipse: s-maj=3.3km s-min=5.1km az=-1.0. Greenland west coast. Eastern Arctic Background Seismic Zone.
ISC II 16 02 42 01.2--64 69.35N-05 54.3W-10 10 3.4b 33 3-66
ISCJB II 16 02 41 59.5--69 69.36N-06 54.6W-10 10 3.4b

NEIC II 16 02 42 02.0 69.49N 53.37W 18 3.6L
OTT II 16 02 42 02.0--72 69.49N 53.37W 18 3.6L
IDC II 16 02 42 02.4--91 69.26N 53.16W 0 3.8,3.6L

ISC Event type ke.
ISCJB Event type ke. Error ellipse: s-maj=9.1km s-min=6.3km az=78.6.
NEIC Event type se. After OTT.

OTT Event type ke. Error ellipse: s-maj=6.7km s-min=7.8km az=-1.0. Greenland west coast. Eastern Arctic Background Seismic Zone.
Error ellipse: s-maj=21.7km s-min=19.0km az=23.0.
ISC II 16 06 27 32.3--47 69.29N-05 53.7W-10 10 3.5b 36 3-66
ISCJB II 16 06 27 30.1--50 69.30N-05 54.0W-10 10 3.5b

IDC II 16 06 27 31.9--76 69.25N 53.08W 0 4.0L,3.8
NEIC II 16 06 27 33.4--62 69.23N 53.20W 10 3.7L,3.8
OTT II 16 06 27 33.7--66 69.35N 53.60W 18 3.7L,3.8

ISC Event type ke.
ISCJB Event type ke. Error ellipse: s-maj=7.4km s-min=6.7km az=162.2.
IDC Error ellipse: s-maj=19.4km s-min=15.7km az=177.0.
NEIC Event type se. Error ellipse: s-maj=15.5km s-min=10.9km az=152.0.

OTT Event type ke. Error ellipse: s-maj=6.7km s-min=7.1km az=-1.0. Greenland west coast. Eastern Arctic Background Seismic Zone.
IDC IV 29 11 39 02.6--2.5 65.78N 41.89W 0 3.7,3.4

IDC I 31 18 22 40.3--83 68.97N 52.89W 0 3.9,3.7
NEIC I 31 18 22 40.1--72 69.14N 52.86W 10 4.3b,3.7
ISC Event type se.
ISCJB Event type se. Error ellipse: s-maj=8.0km s-min=7.0km az=72.1.
IDC Error ellipse: s-maj=20.7km s-min=16.6km az=169.0.
NEIC Event type se. Error ellipse: s-maj=15.8km s-min=12.1km az=172.0.

(681) Baffin Bay.
71.53N 69.78W 18 3.3
OTT IV 02 16 53 44.9--55 71.53N 69.78W 18 3.3

OTT Event type ke. Error ellipse: s-maj=7.8km s-min=3.5km az=-1.0. 126km northeast from Clyde River, Nu Eastern Arctic Background Seismic Zone.
OTT IV 26 09 10 07.8--41 73.42N 72.52W 18 2.7L

OTT Event type ke. Error ellipse: s-maj=2.2km s-min=2.9km az=-1.0. Baffin Bay Seismic Zone. 200km northeast from Pond Inlet, Nu.
OTT I 22 05 36 60.0--96 72.27N 71.72W 18 3.4

OTT Event type ke. Error ellipse: s-maj=6.7km s-min=6.4km az=-1.0. Baffin Bay. 216km east from Pond Inlet, Nu.
(682) Baffin Island region.
71.83N 75.41W 18 2.3

OTT IV 03 05 59 06.5--59 71.83N 75.41W 18 2.3

OTT Event type ke. Error ellipse: s-maj=3.3km s-min=4.2km az=-1.0. 130km southeast from Pond Inlet, Nu Baffin Island Seismic Zone, Nu.
OTT IV 13 16 00 59.3--45 68.00N 65.01W 18 3.4
NEIC IV 13 16 00 58.8 68.01N 64.90W 18 3.1

OTT Event type ke. Error ellipse: s-maj=2.2km s-min=4.6km az=-1.0. 64km northwest from Qikiqtaaluaq, Nu Baffin Island Seismic Zone, Nu.
NEIC Event type se. After OTT.
OTT IV 16 10 48 16.6--69 71.86N 76.09W 18 3.5

OTT Event type ke. Error ellipse: s-maj=2.2km s-min=5.2km az=-1.0. 114km southeast from Pond Inlet, Nu Baffin Island Seismic Zone, Nu.
OTT IV 17 08 14 29.4--56 72.00N 74.86W 18 2.4

OTT Event type ke. Error ellipse: s-maj=2.2km s-min=4.5km az=-1.0. 132km southeast from Pond Inlet, Nu Baffin Island Seismic Zone, Northwest Territories Baffin Island Seismic Zone, Nu.
OTT III 04 17 11 33.0--23 67.06N 65.65W 18 3.0

OTT Event type ke. Error ellipse: s-maj=2.2km s-min=1.7km az=-1.0. 89km southwest from Qikiqtaaluaq, Nu.
OTT II 08 14 05 09.8--1.4 62.19N 65.77W 18 2.7

OTT Event type ke. Error ellipse: s-maj=4.4km s-min=15.6km az=-1.0. 110km northwest from Resolution Island, Nu.
OTT II 12 19 16 31.3--1.5 66.49N 64.65W 18 2.8

OTT Event type ke. Error ellipse: s-maj=7.8km s-min=16.9km az=-1.0. 60km northeast from Pangnirtung, Nu.
OTT II 26 09 26 16.9--30 72.41N 75.88W 18 3.0

OTT Event type ke. Error ellipse: s-maj=2.2km s-min=3.0km az=-1.0. 78km southeast from Pond Inlet, Nu Eastern Arctic Background Seismic Zone.
OTT V 30 20 08 46.4--57 69.47N 69.24W 18 2.2

OTT Event type ke. Error ellipse: s-maj=4.4km s-min=3.1km az=-1.0. 114km south from Clyde River, Nu Baffin Island Seismic Zone, Northwest Territories.
ISC V 15 00 24 41.1--1.4 71.26N-04 71.07W-10 6-9 4.1s,3.8b 99 3-70
NEIC V 15 00 24 42.2 71.45N 70.74W 18 4.2,4.0b

OTT V 15 00 24 42.1--27 71.43N 70.67W 18 4.5,4.0b
IDC V 15 00 24 43.5--3.4 71.30N 70.98W 12-21 4.1s,4.1

ISC Event type ke.
NEIC Event type se. After OTT.
OTT Event type ke. Error ellipse: s-maj=1.1km s-min=2.1km az=-1.0. 131km northwest from Clyde River, Nu Eastern Arctic Background Seismic Zone.
IDC Error ellipse: s-maj=16.2km s-min=12.7km az=121.0.

OTT I 13 15 25 12.2--19 71.96N 74.88W 18 3.4

OTT Event type ke. Error ellipse: s-maj=1.1km s-min=1.4km az=-1.0. 165km southeast from Pond Inlet, Nu Baffin Island Seismic Zone, Northwest Territories.
OTT I 02 22 57 43.1--51 62.05N 65.06W 18 2.8

OTT Event type ke. Error ellipse: s-maj=3.3km s-min=4.2km az=-1.0. 85km northeast from Resolution Island, Nu AlbertaRADOR Sea Seismic Zone.
OTT III 24 04 07 38.4--32 68.87N 67.13W 18 3.0

OTT Event type ke. Error ellipse: s-maj=2.2km s-min=3.2km az=-1.0. 190km south from Clyde River, Nu Baffin Island Seismic Zone, Nu.
(684) Southern East Pacific Rise.

ISC IV 13 19 23 58.4--32 35.23S-06 106.97W-08 10 4.8b,4.5s 59 8-162
MOS IV 13 19 23 56.8--1.1 35.27S 106.93W 10 5.3b,4.5s
IDC IV 13 19 23 56.7--53 35.22S 106.99W 0 4.8,4.7
ISCJB IV 13 19 23 56.7--32 35.25S-06 106.92W-08 10 4.8b,4.5s

BJI IV 13 19 23 58.6 35.20S 107.00W 10 4.6s,4.2s
NEIC IV 13 19 23 58.1--26 35.22S 106.99W 10 5.0b,4.2s
HRVD IV 13 19 23 58.1--20 35.21S 106.77W 16-0 5.2W,4.2s

ISC Event type se.
MOS Error ellipse: s-maj=21.0km s-min=13.5km az=89.3.
IDC Error ellipse: s-maj=18.2km s-min=16.5km az=108.0.

ISCJB Event type se. Error ellipse: s-maj=9.8km s-min=8.2km az=146.7.
NEIC Event type se. Error ellipse: s-maj=10.2km s-min=7.5km az=83.0.
HRVD Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.

LP body waves: s65;c106; Mantle waves: s89;c166; Half duration: 1s0 Moment tensor: Scale 10¹⁶Nm; Mr=0.57±.17; Mw=1.98±.16; Ms=2.55±.17; Mre=1.38±.47; Mre=8.53±.16; Mre=1.43±.46; Best double couple: NP1:φ98.00000°;δ79.00000°;λ172.00000°; NP2:φ7.00000°;δ82.00000°;λ-11.00000°; Principal axes: T 9.1200,Plg2.0000°;AzM53.0000°; N -0.0190,Plg77.0000°;AzM150.0000°; P -8.9990,Plg13.0000°;AzM322.0000°; Mo9.05900×10¹⁶

IDC IV 16 03 43 22.3--2.3 35.1S-30 107.5W-30 10 4.1b,3.6s 11 8-152
ISC IV 16 03 43 19.3--1.9 35.20S 107.67W 0 4.3,4.1
ISCJB IV 16 03 43 20.8--2.3 35.1S-30 107.5W-30 10 4.1b,3.6s
NEIC IV 16 03 43 21.0-1.4 35.21S 107.65W 10 4.2b,3.6s

ISC Event type se.
IDC Error ellipse: s-maj=56.1km s-min=26.1km az=26.0.
ISCJB Event type se. Error ellipse: s-maj=52.4km s-min=22.8km az=82.6.
NEIC Event type se. Error ellipse: s-maj=36.3km s-min=21.0km az=210.0.

IDC III 16 10 15 24.4--14 35.37S 109.35W 0 4.4,4.0b
IDC Error ellipse: s-maj=58.5km s-min=34.6km az=66.0.
IDC III 16 19 58 34.7--1.6 34.88S 108.63W 0 4.4,4.1s

IDC Error ellipse: s-maj=61.1km s-min=29.9km az=27.0.
ISC VI 12 00 14 53.6--1.1 53.2S-30 118.0W-30 10 4.0b 12 34-165
ISCJB VI 12 00 14 52.0-1.1 53.1S-30 118.0W-30 10 4.0b
IDC VI 12 00 14 51.8--89 53.11S 118.06W 0 4.2,4.0b
NEIC VI 12 00 14 53.5--53 53.18S 118.03W 10 4.1b,4.0b

ISC Event type se.
ISCJB Event type se. Error ellipse: s-maj=37.5km s-min=23.8km az=150.6.
IDC Error ellipse: s-maj=100.6km s-min=26.8km az=165.0.

NEIC Event type se. Error ellipse: s-maj=23.1km s-min=13.2km az=163.0.
ISC III 05 20 22 45.7-1.0 55.9S-30 124.5W-30 10 4.1b,3.4s 7 31-148
ISCJB III 05 20 22 43.8-1.0 55.8S-30 124.4W-30 10 4.1b,3.4s
IDC III 05 20 22 43.9-1.1 55.80S 124.42W 0 4.2,4.0
NEIC III 05 20 22 45.5-7.1 55.81S 124.43W 10 4.5b,4.0

Table with columns for station ID (ISCJB, IDC, ISC, etc.), coordinates (s-maj, s-min, az), and other parameters (e.g., 10, 4.2b, 3.6s, 18, 10-125).

Table with columns for station ID, coordinates, and parameters. Includes a sub-header '(688) East of North Island'.

Table with columns for station ID, coordinates, and parameters. Includes a sub-header '(691) Pacific-Antarctic Ridge'.

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NEIC	Event type se.	Error ellipse: s-maj=21.5km s-min=10.3km az=181.0.							
ISC	VI	15 13 06 23.2-65	59.75-10	151.5W-20	10	4.5b,4.2s	15	23-151	
ISCJB	VI	15 13 06 21.3-69	59.65-10	151.5W-20	10	4.5b,4.2s		18650526	
IDC	VI	15 13 06 21.3-78	59.44S	151.52W	0	4.6,4.4			
NEIC	VI	15 13 06 23.4-55	59.56S	151.51W	10	5.1b,4.4			
ISC	Event type se.								
ISCJB	Event type se.	Error ellipse: s-maj=17.5km s-min=15.1km az=96.3.							
IDC	Error ellipse: s-maj=42.4km s-min=19.4km az=10.0.								
NEIC	Event type se.	Error ellipse: s-maj=21.2km s-min=16.0km az=8.0.							
ISC	III	10 11 02 22.3-92	57.05-20	140.8W-20	10	4.4s,4.3b	11	28-171	
ISCJB	III	10 11 02 20.3-93	56.95-20	140.9W-20	10	4.4s,4.3b		10601056	
IDC	III	10 11 02 21.2-78	57.17S	140.87W	0	4.4s,4.4			
NEIC	III	10 11 02 22.8-73	56.93S	140.75W	10	4.5b,4.4			
ISC	Event type se.								
ISCJB	Event type se.	Error ellipse: s-maj=28.7km s-min=17.3km az=21.9.							
IDC	Error ellipse: s-maj=40.7km s-min=20.1km az=4.0.								
NEIC	Event type se.	Error ellipse: s-maj=29.5km s-min=18.3km az=186.0.							
IDC	VI	12 20 43 56.8-1.2	59.45S	151.09W	0	4.0s,4.0		18650463	
IDC	Error ellipse: s-maj=54.4km s-min=27.7km az=178.0.								
IDC	II	09 08 03 37.0-1.1	62.41S	158.02W	0	4.2,4.1s		18188884	
IDC	Error ellipse: s-maj=46.2km s-min=27.5km az=12.0.								
ISC	II	09 11 29 10.9-65	56.93S-09	141.8W-20	10	4.8s,4.8b	30	33-178	
IDC	II	09 11 29 08.4-83	57.76S	142.36W	0	4.6s,4.6		18079991	
ISCJB	II	09 11 29 10.0-57	56.94S-09	141.5W-20	10	4.8s,4.8b			
MOS	II	09 11 29 11.3-96	57.35S	141.43W	9	5.1b,4.8b			
BJI	II	09 11 29 13.3	57.20S	141.30W	10	5.7b,5.5s			
NEIC	II	09 11 29 13.3-67	57.21S	141.27W	10	5.1b,5.5s			
HRVD	II	09 11 29 13.3-20	56.89S	141.71W	12	5.5W,5.5s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=82.4km s-min=21.4km az=6.0.								
ISCJB	Event type se.	Error ellipse: s-maj=13.2km s-min=12.7km az=56.8.							
MOS	Error ellipse: s-maj=43.0km s-min=28.6km az=105.1.								
NEIC	Event type se.	Error ellipse: s-maj=23.3km s-min=13.3km az=176.0.							
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s80.c134; Mantle waves: s99.c181; Half duration: 1s4 Moment tensor: Scale 1017Nm; Mr=0.18±0.04 Mm=1.73±0.04; M=1.55±0.03; M=0.28±0.11; M=0.11±0.09; Best double couple: NP1:φ=25.00000°, δ2.00000°, λ=179.00000°. NP2:φ=295.00000°, δ89.00000°, λ=8.00000°. Principal axes: T 2.2540,Plg5.0000°; Azm34.0000°; N -0.1810,Plg82.0000°; Azm111.0000°; P -2.0750,Plg6.0000°; Azm250.0000°; M2.164000×1017								
ISC	II	13 03 23 35.2-64	63.15-10	158.6W-20	10	4.6s,4.3b	14	19-155	
ISCJB	II	13 03 23 34.4-63	63.15-10	158.7W-20	10	4.6s,4.3b		18192516	
IDC	II	13 03 23 34.3-70	62.23S	158.19W	0	4.6,4.6s			
NEIC	II	13 03 23 35.6-47	62.21S	158.19W	10	5.1b,4.6s			
HRVD	II	13 03 23 35.6-10	63.00S	158.30W	12	5.4W,4.6s			
ISC	Event type se.								
ISCJB	Event type se.	Error ellipse: s-maj=15.6km s-min=14.2km az=57.8.							
IDC	Error ellipse: s-maj=40.3km s-min=18.1km az=11.0.								
NEIC	Event type se.	Error ellipse: s-maj=23.4km s-min=12.8km az=9.0.							
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s75.c130; Mantle waves: s88.c148; Half duration: 1s2 Moment tensor: Scale 1017Nm; Mr=0.22±0.02 Mm=1.50±0.03; M=1.29±0.02; M=0.03±0.06; M=0.49±0.02; M=0.56±0.06; Best double couple: NP1:φ=123.00000°, δ73.00000°, λ=14.00000°. NP2:φ=217.00000°, δ76.00000°, λ=163.00000°. Principal axes: T 1.5860,Plg2.0000°; Azm350.0000°; N 0.0000,Plg68.0000°; Azm254.0000°; P -1.5960,Plg22.0000°; Azm81.0000°; M1.591000×1017								
ISC	II	13 15 04 23.4-79	62.55-10	158.3W-30	10	4.2b,4.1s	11	19-143	
ISCJB	II	13 15 04 21.5-79	62.45-10	158.3W-30	10	4.2b,4.1s		18192537	
IDC	II	13 15 04 21.7-89	62.36S	158.16W	0	4.3,4.2			
NEIC	II	13 15 04 23.5-56	62.36S	158.19W	10	4.4b,4.2			
ISC	Event type se.								
ISCJB	Event type se.	Error ellipse: s-maj=20.2km s-min=17.5km az=159.6.							
IDC	Error ellipse: s-maj=43.5km s-min=22.5km az=9.0.								
NEIC	Event type se.	Error ellipse: s-maj=17.1km s-min=14.9km az=175.0.							
IDC	II	15 13 37 05.6-6.0	55.42S	141.72W	0	4.0,3.8		18192624	
IDC	Error ellipse: s-maj=711.6km s-min=105.5km az=163.0.								
ISC	IV	12 15 26 35.2-1.1	58.55-20	139.7W-30	10	4.1b,3.6s	12	26-152	
ISCJB	IV	12 15 26 33.3-1.1	58.45-20	139.8W-30	10	4.1b,3.6s		19594737	
IDC	IV	12 15 26 33.6-89	58.45S	139.82W	0	4.2,4.1			
NEIC	IV	12 15 26 35.2-70	58.31S	139.82W	10	4.7b,4.1			
ISC	Event type se.								
ISCJB	Event type se.	Error ellipse: s-maj=27.1km s-min=18.7km az=51.8.							
IDC	Error ellipse: s-maj=34.1km s-min=25.4km az=175.0.								
NEIC	Event type se.	Error ellipse: s-maj=22.3km s-min=19.8km az=151.0.							
IDC	IV	12 18 26 22.0-92	58.42S	139.90W	0	4.1,3.9b		19594747	
IDC	Error ellipse: s-maj=43.8km s-min=28.6km az=2.0.								
IDC	II	23 02 55 54.0-13	52.21S	132.73W	0	3.9,3.6b		19579389	
IDC	Error ellipse: s-maj=1255.0km s-min=186.3km az=151.0.								
IDC	II	23 13 30 33.0-10	62.21S	178.24W	0	3.7,3.7		19579445	
IDC	Error ellipse: s-maj=595.8km s-min=66.8km az=49.0.								
IDC	IV	02 15 15 22.9-13	53.05S	131.99W	0	3.9,3.7b		19594122	
IDC	Error ellipse: s-maj=1323.0km s-min=167.2km az=151.0.								
IDC	V	21 13 27 08.6-6.3	56.43S	149.60W	0	4.3s,4.2		19599234	
IDC	Error ellipse: s-maj=1001.0km s-min=113.6km az=173.0.								
ISC	V	08 22 26 22.4-69	56.25-10	139.3W-20	10	4.2b,3.9s	18	29-153	
ISCJB	V	08 22 26 20.6-69	56.25-10	139.2W-20	10	4.2b,3.9s		18494656	
IDC	V	08 22 26 21.1-98	56.26S	139.22W	0	4.0,3.9			
NEIC	V	08 22 26 22.6-50	56.17S	139.28W	10	4.8b,3.9			
ISC	Event type se.								
ISCJB	Event type se.	Error ellipse: s-maj=19.3km s-min=13.4km az=22.9.							
IDC	Error ellipse: s-maj=44.5km s-min=25.8km az=178.0.								
NEIC	Event type se.	Error ellipse: s-maj=18.2km s-min=12.2km az=183.0.							
IDC	I	05 03 56 12.8-96	56.33S	148.35W	0	4.3,4.1		18095269	
IDC	Error ellipse: s-maj=146.0km s-min=30.3km az=5.0.								
ISC	I	13 17 19 45.4-56	58.35-10	139.8W-20	10	4.7b,4.4s	31	27-179	
IDC	I	13 17 19 43.4-59	58.39S	139.93W	0	4.6,4.5		18078599	
ISCJB	I	13 17 19 43.8-56	58.35-10	139.8W-20	10	4.7b,4.4s			
MOS	I	13 17 19 43.3-2.2	58.28S	139.80W	10	5.1b,4.4s			
HRVD	I	13 17 19 45.2-40	58.67S	139.57W	12	4.9W,4.4s			
BJI	I	13 17 19 45.2	58.20S	139.70W	10	5.3s,5.2b			
NEIC	I	13 17 19 45.2-38	58.24S	139.75W	10	5.0b,5.2b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=30.9km s-min=19.5km az=178.0.								
ISCJB	Event type se.	Error ellipse: s-maj=17.6km s-min=12.6km az=128.8.							
MOS	Error ellipse: s-maj=37.2km s-min=26.1km az=88.3.								
HRVD	Error ellipse: s-maj=7.8km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s31.c33; Mantle waves: s67.c84; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=0.03±0.11 Mm=2.75±1.2; M=0.02±0.10; M=0.10±0.11; M=0.10±0.43; Best double couple: NP1:φ=89.00000°, δ35.00000°, λ=92.00000°. NP2:φ=267.00000°, δ55.00000°, λ=89.00000°. Principal axes: T 3.2070,Plg80.0000°; Azm172.0000°; N -0.2710,Plg1.0000°; Azm267.0000°; P -2.9290,Plg10.0000°; Azm358.0000°; M3.068000×1016								
NEIC	Event type se.	Error ellipse: s-maj=17.7km s-min=11.6km az=162.0.							
ISC	I	24 04 27 08.7-45	54.38S-08	135.8W-10	10	4.8s,4.5b	30	31-154	
ISCJB	I	24 04 27 06.9-44	54.37S-08	135.8W-10	10	4.8s,4.5b		18079185	
IDC	I	24 04 27 06.2-82	53.84S	136.02W	0	4.7s,4.7			
BJI	I	24 04 27 08.3	54.20S	135.70W	10	5.7b,5.4s			
NEIC	I	24 04 27 08.4-60	54.16S	135.75W	10	4.8b,4.7s			
HRVD	I	24 04 27 08.4-10	54.57S	135.80W	19	5.5W,4.7s			

ISC	Event type se.								
ISCJB	Event type se.	Error ellipse: s-maj=12.1km s-min=10.4km az=80.4.							
IDC	Error ellipse: s-maj=44.6km s-min=19.4km az=169.0.								
NEIC	Event type se.	Error ellipse: s-maj=27.7km s-min=14.0km az=177.0.							
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s76.c148; Mantle waves: s87.c158; Half duration: 1s4 Moment tensor: Scale 1017Nm; Mr=0.24±0.04 Mm=1.80±0.05; M=1.56±0.04; M=0.20±0.08; M=0.15±0.04; M=0.21±0.07; Best double couple: NP1:φ=114.00000°, δ83.00000°, λ=1.00000°. NP2:φ=24.00000°, δ89.00000°, λ=173.00000°. Principal axes: T 2.4060,Plg6.0000°; Azm339.0000°; N -0.2580,Plg83.0000°; Azm193.0000°; P -2.1470,Plg4.0000°; Azm69.0000°; M2.276000×1017								
ISC	I	25 05 25 30.5-73	56.95-20	141.6W-20	10	4.5b,4.0s	17	28-153	
ISCJB	I	25 05 25 28.4-73	56.75-20	141.6W-20	10	4.5b,4.0s		18188395	
IDC	I	25 05 25 28.7-93	56.73S	141.65W	0	4.5,4.3			
NEIC	I	25 05 25 30.4-45	56.84S	141.63W	10	4.7b,4.3			
ISC	Event type se.								
ISCJB	Event type se.	Error ellipse: s-maj=25.2km s-min=14.1							

: N -0.1580,Plg71.0000°,AzM81.0000°; P -3.0600,Plg18.0000°,AzM236.0000° M3.13900x1016									
IDC	IV	16 14 27 59.0-7.4	4.60S	101.75W	0	4.3,3.9			
IDC	III	11 17 46 11.0-2.5	2.73S	104.99W	0	4.0s,4.0	¶19595024		
IDC	VI	10 03 49 53.0-7.9	4.7S-10	104.7W-20	10	4.2b,4.0s	27	25-85	
ISC	VI	10 03 49 51.3-7.9	4.6S-10	104.6W-20	10	4.2b,4.0s			¶18474792
ISC	VI	10 03 49 52.9-2.0	4.37S	104.08W	0	4.0s,4.0			
ISC	VI	10 03 49 53.0-5.0	4.64S	104.67W	13-2	4.8W,4.0			
ISC	VI	10 03 49 53.0-7.9	4.65S	104.59W	10	4.4b,4.0			
ISC	Event type se. Error ellipse: s-maj=26.3km s-min=9.7km az=116.5.								
ISC	Error ellipse: s-maj=86.0km s-min=16.4km az=60.0.								
HRVD	Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
HRVD	LP body waves: s1,c11; Mantle waves: s61,c75; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=0.20±10 Mm0.48±08; Mm0.28±09; Mm0.90±32; Mm1.79±08; Mm-0.66±28; Best double couple: NP1:φ=10.00000°,λ=166.00000°; NP2:φ=273.00000°; λ=877.00000°; λ=26.00000°. Principal axes: T 1.9730,Plg9.0000°,AzM324.0000°; N 0.3150,Plg61.0000°,AzM70.0000°; P -2.2860,Plg27.0000°,AzM229.0000° M2.12900x1016								
NEIC	Event type se. Error ellipse: s-maj=26.7km s-min=9.8km az=58.0.								
IDC	V	15 00 49 52.3-15	4.20S	103.47W	0	3.7,3.5			¶19598897
IDC	IV	04 23 19 54.1-94	3.5S-10	103.5W-10	10	4.3b,3.9s	24	23-137	
ISC	V	04 23 19 51.7-95	3.5S-10	103.6W-20	10	4.3b,3.9s			¶19130808
ISC	V	04 23 19 51.4-1.6	3.54S	103.63W	0	4.2,4.1			
ISC	V	04 23 19 53.3-88	3.52S	103.49W	10	4.7b,4.1			
ISC	Event type se. Error ellipse: s-maj=27.6km s-min=11.9km az=95.2.								
ISC	Error ellipse: s-maj=64.9km s-min=18.6km az=54.0.								
ISC	Event type se. Error ellipse: s-maj=27.3km s-min=13.3km az=48.0.								
ISC	V	14 14 50 07.4-37	3.83S-05	103.65W-05	10	4.9b,4.8s	147	14-151	
IDC	V	14 14 50 05.6-74	3.71S	103.62W	0	4.7s,4.7			¶18344213
ISC	V	14 14 50 05.4-38	3.82S-05	103.62W-05	10	4.9b,4.8s			
ISC	V	14 14 50 06.2-1.1	3.70S	103.52W	10	5.1b,4.6s			
MOS	V	14 14 50 07.2-20	3.71S	103.53W	16-0	5.3W,4.6s			
HRVD	V	14 14 50 07.2-35	3.81S	103.60W	10	5.0b,4.6s			
NEIC	V	14 14 50 07.2	3.80S	103.60W	10	5.3s,5.2b			
ISC	Event type se. Error ellipse: s-maj=24.4km s-min=13.7km az=54.0.								
IDC	Error ellipse: s-maj=8.3km s-min=6.7km az=82.4.								
ISC	Error ellipse: s-maj=15.8km s-min=6.8km az=92.5.								
MOS	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
HRVD	LP body waves: s71,c103; Mantle waves: s105,c187; Half duration: 151 Moment tensor: Scale 1017Nm; Mr=0.08±02 Mm0.24±02; Mm0.16±02; Mm0.33±05; Mm0.97±02; Mm-0.02±06; Best double couple: NP1:φ=6.00000°,λ=179.00000°; NP2:φ=96.00000°,λ=89.00000°; λ=18.00000°. Principal axes: T 1.0950,Plg13.0000°,AzM322.0000°; N -0.1040,Plg72.0000°; P -0.9900,Plg12.0000°,AzM229.0000° M1.04300x1017								
NEIC	Event type se. Error ellipse: s-maj=9.1km s-min=5.0km az=48.0.								
IDC	I	26 00 48 03.5-7.9	4.96S	103.33W	0	3.9,3.8			¶19486105
IDC	IV	25 15 21 27.1-59	3.93S-08	103.5W-10	10	4.5b,4.2s	51	23-147	
IDC	V	25 15 21 24.6-1.2	3.89S	103.65W	0	4.3,4.2			¶18440595
ISC	V	25 15 21 25.3-60	3.91S-08	103.5W-10	10	4.5b,4.2s			
ISC	V	25 15 21 26.9-61	3.91S	103.38W	10	4.9s,4.7b			
ISC	V	25 15 21 26.9-30	3.94S	103.36W	15-0	4.9W,4.4b			
ISC	V	25 15 21 26.8	3.90S	103.40W	10	5.4b,5.3s			
ISC	Event type se. Error ellipse: s-maj=38.7km s-min=16.3km az=50.0.								
IDC	Error ellipse: s-maj=18.4km s-min=7.6km az=110.1.								
ISC	Event type se. Error ellipse: s-maj=18.6km s-min=7.9km az=53.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=3.3km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
HRVD	LP body waves: s34,c44; Mantle waves: s60,c85; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=2.29±12 Mm0.107±07; Mm0.122±09; Mm0.29±17; Mm0.133±06; Mm-0.28±19; Best double couple: NP1:φ=234.00000°,λ=75.00000°; NP2:φ=123.00000°,λ=84.00000°; λ=105.00000°. Principal axes: T 2.4770,Plg0.0000°,AzM133.0000°; N -0.1130,Plg10.0000°,AzM43.0000°; P -2.3640,Plg80.0000°,AzM224.0000° M2.42100x1016								
(695) West of Galapagos Islands.									
IDC	III	10 16 05 01.1-11	1.64N	99.25W	0	3.9,3.7			¶10601262
IDC	IV	01 20 13 29.2-31	2.24N-04	99.04W-05	10	5.2s,4.9b	152	9-150	
ISC	V	01 20 13 26.9-70	2.28N	99.11W	0	5.2s,5.2			¶18321455
IDC	V	01 20 13 27.5-31	2.28N-04	99.00W-05	10	5.2s,4.9b			
ISC	V	01 20 13 27.7-95	2.28N	98.89W	10	5.3s,5.2b			
ISC	V	01 20 13 28.8-10	2.33N	98.85W	14-0	5.7W,5.2b			
ISC	V	01 20 13 28.8-30	2.21N	99.04W	10	5.7W,5.0b			
ISC	V	01 20 13 28.7	2.20N	99.00W	10	5.5s,5.5b			
ISC	V	01 20 13 34.3	2.37N	98.92W	60	5.7L,5.5b			
ISC	Event type se. Error ellipse: s-maj=24.5km s-min=12.3km az=50.0.								
ISC	Error ellipse: s-maj=7.5km s-min=5.6km az=118.5.								
MOS	Error ellipse: s-maj=14.4km s-min=6.5km az=102.1.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
HRVD	LP body waves: s93,c176; Mantle waves: s95,c263; Half duration: 157 Moment tensor: Scale 1017Nm; Mr=0.04±05 Mm0.398±05; Mm0.393±06; Mm0.76±10; Mm1.76±04; Mm-0.12±10; Best double couple: NP1:φ=33.00000°,λ=83.00000°; NP2:φ=123.00000°,λ=84.00000°; λ=7.00000°. Principal axes: T 4.4820,Plg10.0000°,AzM348.0000°; N -0.1730,Plg80.0000°,AzM164.0000°; P -4.3040,Plg1.0000°,AzM258.0000° M4.39300x1017								
NEIC	Event type se. Error ellipse: s-maj=8.9km s-min=5.0km az=61.0. Moment tensor: Scale 1017Nm; Mr=0.16 Mm0.32 Mm0.348 Mm0.67 Mm2.43 Mm0.73 Best double couple: NP1:φ=27.00000°,λ=86.00000°; NP2:φ=118.00000°,λ=87.00000°; λ=4.00000°. Principal axes: T 4.2800,Plg12.0000°,AzM342.0000°; N 0.0300,Plg76.0000°,AzM191.0000°; P -4.3200,Plg6.0000°,AzM73.0000° M4.30000x1017								
ISC	V	01 18 17 16.6-72	2.3N-10	99.15W-09	10	4.2b,4.0s	47	16-145	
IDC	V	01 18 17 13.8-98	2.40N	99.24W	0	4.2,4.1			¶18338299
ISC	V	01 18 17 14.7-73	2.47N-10	99.11W-09	10	4.2b,4.0s			
ISC	V	01 18 17 15.4-40	2.31N	98.73W	18-2	5.0W,4.0s			
ISC	V	01 18 17 15.4-68	2.20N	99.19W	10	4.4b,4.0s			
ISC	V	01 18 17 15.3	2.20N	99.20W	10	5.4b,5.1s			
ISC	V	01 18 17 16.7-1.8	2.20N	99.05W	33	4.7b,5.1s			
ISC	Event type se. Error ellipse: s-maj=34.8km s-min=16.7km az=43.0.								
IDC	Error ellipse: s-maj=16.8km s-min=9.8km az=73.2.								
ISC	Error ellipse: s-maj=3.3km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
HRVD	LP body waves: s26,c29; Mantle waves: s59,c80; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=0.09±16 Mm0.295±17; Mm0.286±20; Mm1.148±39; Mm1.75±15; Mm-0.20±39; Best double couple: NP1:φ=28.00000°,λ=89.00000°; NP2:φ=120.00000°,λ=84.00000°; λ=21.00000°. Principal axes: T 3.9130,Plg19.0000°,AzM346.0000°; N -0.4520,Plg68.0000°,AzM135.0000°; P -3.4580,Plg11.0000°,AzM252.0000° M3.68500x1016								
NEIC	Event type se. Error ellipse: s-maj=18.2km s-min=9.7km az=45.0.								
MOS	Error ellipse: s-maj=22.8km s-min=11.0km az=97.7.								
IDC	V	01 16 28 31.1-10	1.55N	96.73W	0	3.8,3.7s			¶19598339
IDC	IV	01 18 59 46.1-4.8	1.95N	99.60W	0	3.9,3.6			

IDC	IV	02 02 40 37.3-11	1.58N	97.95W	0	3.9,3.6			¶19598343
IDC	III	02 05 09 15.1-11	2.13N	96.81W	0	3.7,3.5			¶19598359
IDC	VI	26 11 59 27.6-3.4	2.96N	96.27W	0	4.1,3.8			¶19598363
IDC	V	01 15 22 58.1-5.1	1.92N	99.70W	0	4.0,3.7			¶19599427
IDC	V	02 04 18 17.4-9.4	1.55N	97.96W	0	4.0,3.7			¶19598337
IDC	IV	01 15 18 56.9-2.7	2.1N-50	99.4W-60	10	4.0b,3.9s	16	16-131	
ISC	V	01 15 18 54.8-1.1	2.06N	99.47W	0	4.0,3.9s			¶18494516
ISC	V	01 15 18 55.1-2.6	2.1N-40	99.3W-50	10	4.0b,3.9s			
ISC	V	01 15 18 56.2-6.5	2.02N	99.41W	10	4.3b,3.9s			
ISC	Event type se. Error ellipse: s-maj=62.3km s-min=25.1km az=62.0.								
ISC	Event type se. Error ellipse: s-maj=99.9km s-min=14.3km az=102.2.								
ISC	Event type se. Error ellipse: s-maj=28.5km s-min=10.4km az=58.0.								
ISC	V	01 16 07 11.1-1.3	2.1N-20	99.1W-20	10	4.0b,3.7s	15	16-125	
ISC	V	01 16 07 09.0-1.3	2.1N-20	99.1W-20	10	4.0b,3.7s			¶18494518
ISC	V	01 16 07 10.1-1.1	2.27N	99.10W	0	4.2,3.9			
ISC	V	01 16 07 10.9-7.6	2.17N	99.04W	10	4.2b,3.9			
ISC	Event type se. Error ellipse: s-maj=32.8km s-min=14.2km az=77.9.								
IDC	Error ellipse: s-maj=61.8km s-min=24.8km az=61.0.								
ISC	Event type se. Error ellipse: s-maj=21.7km s-min=12.6km az=46.0.								
ISC	V	01 18 33 23.8-34	2.16N-07	99.10W-05	10	4.9b,4.9s	139	14-150	
IDC	V	01 18 33 21.6-7.2	2.21N	99.19W	0	4.9s,4.9			¶18338300
ISC	V	01 18 33 21.9-35	2.18N-05	99.06W-06	10	4.9b,4.9s			
MOS	V	01 18 33 22.5-1.1	2.34N	98.94W	10	5.4b,4.9s			
NEIC	V	01 18 33 23.2-33	2.12N	99.11W	10	5.1b,4.9s			
HRVD	V	01 18 33 23.2-20	2.26N	98.91W	13-1	5.4W,4.9s			
BJI	V	01 18 33 23.2	2.10N	99.10W	10	5.5b,5.2s			
ISC	Event type se. Error ellipse: s-maj=27.5km s-min=12.9km az=50.0.								
IDC	Event type se. Error ellipse: s-maj=8.3km s-min=6.1km az=127.4.								
ISC	Error ellipse: s-maj=15.9km s-min=7.0km az=101.7.								
NEIC	Event type se. Error ellipse: s-maj=10.0km s-min=5.5km az=61.0.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.								
HRVD	LP body waves: s72,c112; Mantle waves: s89,c154; Half duration: 152 Moment tensor: Scale 1017Nm; Mr=0.05±02 Mm0.19±03; Mm0.14±03; Mm0.61±08; Mm0.59±02; Mm-0.09±05; Best double couple: NP1:φ=30.00000°,λ=174.00000°; NP2:φ=122.00000°,λ=84.00000°; λ=23.00000°. Principal axes: T 1.5400,Plg20.0000°,AzM348.0000°; N -0.2140,Plg67.0000°,AzM136.0000°; P -1.3260,Plg11.0000°,AzM254.0000° M1.43300x1017								
ISC	V	01 19 09 41.2-1.9	2.1N-30	99.7W-40	10	4.1b,3.8s	19	17-71	
IDC	V	01 19 09 38.5-3.0	2.08N	99.77W	0	4.4,4.1			¶19130676
ISC	V	01 19 09 39.5-1.9	2.2N-30	99.6W-40	10	4.1b,3.8s			
NEIC	V	01 19 09 40.8-1.6	2.08N	99.64W	10	4.2b,3.8s			
ISC	Event type se. Error ellipse: s-maj=128.6km s-min=25.3km az=52.0.								
IDC	Event type se. Error ellipse: s-maj=74.0km s-min=18.4km az=108.7.								
ISC	Event type se. Error ellipse: s-maj=65.0km s-min=16.2km az=54.0.								
ISC	V	01 20 21 52.6-98	2.4N-10	99.0W-10	10	4.3b,4.2s	34	16-150	
ISC	V	01 20 21 50.5-97	2.3N-10	99.0W-10	10	4.3b,4.2s			¶18494522
IDC	V	01 20 21 50.6-98	2.35N	98.99W	0	4.3,4.3s			
NEIC	V	01 20 21 52.0-52	2.31N	98.95W	10				

NEIC	IV	26 05 37 08.0	60.70S	153.00E	10	4.2s,4.0	¶8494410
IDC		Error ellipse: s-maj=557.2km s-min=36.6km az=75.0.					
NEIC	IV	26 06 30 36.8-2.2	57.69S	146.69E	0	4.0s,4.0	¶9598014
IDC		Error ellipse: s-maj=132.5km s-min=27.0km az=78.0.					
IDC	IV	28 18 01 48.5-3.6	57.48S	148.64E	0	3.9,3.8	¶9598160
IDC		Error ellipse: s-maj=398.9km s-min=28.2km az=75.0.					
IDC	V	21 13 52 04.7-1.6	53.04S	139.71E	0	3.9,3.8	¶9599236
IDC		Error ellipse: s-maj=175.3km s-min=23.9km az=82.0.					
ISC	V	27 21 07 48.6-91	53.75-10	141.8E-80	10	4.2b	8 22-46
ISCJB	V	27 21 07 47.1-91	53.65-10	141.7E-80	10	4.2b	¶9132189
IDC	V	27 21 07 47.3-1.4	53.72S	141.15E	0	4.3,4.1b	
NEIC	V	27 21 07 48.8-69	53.65S	141.77E	10	4.2b,4.1b	
ISC		Event type se. Error ellipse: s-maj=66.9km s-min=14.7km az=171.5.					
ISCJB		Error ellipse: s-maj=160.2km s-min=22.3km az=81.0.					
NEIC		Event type se. Error ellipse: s-maj=52.1km s-min=11.4km az=86.0.					
IDC	V	21 13 32 17.9-43	57.31S	145.47E	0	3.9,3.7	¶9599235
IDC		Error ellipse: s-maj=737.8km s-min=215.0km az=153.0.					
IDC	V	22 07 35 36.0-1.2	53.50S	140.45E	0	4.3,4.1	¶9599259
IDC		Error ellipse: s-maj=65.0km s-min=28.8km az=89.0.					
ISC	V	09 21 13 42.2-1.0	54.85-10	146.3E-30	10	4.0b	7 19-149
IDC	V	09 21 13 40.7-1.2	54.86S	146.09E	0	4.1,4.0	¶9131088
ISCJB	V	09 21 13 41.1-1.0	54.75-10	146.3E-30	10	4.0b,4.0	
NEIC	V	09 21 13 42.2-78	54.85S	146.08E	10	4.6b,4.0	
ISC		Event type se. Error ellipse: s-maj=48.0km s-min=24.5km az=75.0.					
IDC		Error ellipse: s-maj=27.0km s-min=17.8km az=131.2.					
NEIC		Event type se. Error ellipse: s-maj=23.8km s-min=14.8km az=70.0.					
IDC	I	19 15 52 54.1-6.6	53.28S	140.87E	0	4.2,4.0	¶9483824
IDC		Error ellipse: s-maj=280.8km s-min=54.1km az=104.0.					
ISC	I	14 22 47 03.5-49	54.41S-06	143.9E-20	10	4.7s,4.3b	24 17-154
IDC	I	14 22 47 01.4-56	54.42S	144.28E	0	4.7s,4.7	¶8095463
ISCJB	I	14 22 47 02.1-49	54.39S-06	143.8E-20	10	4.7s,4.3b	
NEIC	I	14 22 47 03.1-41	54.46S	144.06E	10	4.2b,4.3b	
ISC		Event type se. Error ellipse: s-maj=26.3km s-min=16.2km az=84.0.					
IDC		Error ellipse: s-maj=17.6km s-min=8.8km az=9.9.					
ISCJB		Event type se. Error ellipse: s-maj=14.0km s-min=8.8km az=97.0.					
NEIC		Error ellipse: s-maj=10.0km s-min=8.8km az=97.0.					
ISC	IV	26 01 46 02.5-27	57.61S-03	148.0E-10	10	5.9s,5.5b	117 10-171
CRAAG	IV	26 01 46 01.9	57.49S	147.09E	6	6.1W,5.5b	¶8321071
ISCJB	IV	26 01 46 01.2-28	57.56S-04	148.2E-10	10	5.9s,5.5b	
IDC	IV	26 01 46 01.8-42	57.49S	148.10E	10	5.7s,5.7	
HRVD	IV	26 01 46 03.9-10	57.60S	148.04E	14-0	6.1W,5.7	
NEIC	IV	26 01 46 03.9-18	57.48S	147.57E	10	6.1W,5.9s	
BJI	IV	26 01 46 04.4	57.45S	147.75E	14	6.0s,5.8s	
MOS	IV	26 01 46 08.1-1.8	57.16S	147.81E	33	5.8b,5.8s	
ISC		Event type se. Error ellipse: s-maj=8.9km s-min=5.1km az=11.6.					
ISCJB		Error ellipse: s-maj=18.0km s-min=8.6km az=84.0.					
IDC		Error ellipse: s-maj=1.1km s-min=0.0km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s103.c225; Mantle waves: s105.c380; Half duration: 2s7 Moment tensor: Scale 10 ¹⁸ Nm; Mr=0.13±0.1 Mm=0.95±0.1; M0=0.82±0.1; M1=0.11±0.2; M2=1.49±0.1; M3=0.04±0.2; Best double couple: NP1:φ=165.0000°,λ=1.00000°; NP2:φ=255.0000°,λ=176.0000°; Principal axes: T 1.8030,Plg2.0000°,AzM30.0000°; N -0.1280,Plg86.0000°,AzM265.0000°; P -1.6740,Plg3.0000°,AzM120.0000°; M0.173800×10 ¹⁸					
NEIC		Event type se. Error ellipse: s-maj=10.0km s-min=6.9km az=89.0. Moment Tensor Solution. M0.10000×10 ¹⁸ Moment Tensor Solution. s8 Moment tensor: Scale 10 ¹⁸ Nm; Mr=0.51 Mm=0.55 M1=1.05 M2=0.08 M3=1.73 M4=0.00 Best double couple: NP1:φ=258.0000°,λ=88.0000°; NP2:φ=348.0000°,λ=87.0000°; NP3:φ=244.0000°,λ=177.0000°; Principal axes: T 1.6600,Plg3.0000°,AzM213.0000°; N 0.5000,Plg86.0000°,AzM48.0000°; P -2.1600,Plg1.0000°,AzM303.0000°; M0.190000×10 ¹⁸					
MOS		Error ellipse: s-maj=26.8km s-min=8.4km az=91.8.					

(702) Balleny Islands region.

ISC	IV	20 09 01 04.1-80	62.37S-09	153.9E-30	10	4.4s,3.9b	8 15-142
ISCJB	IV	20 09 01 02.8-80	62.37S-09	153.8E-30	10	4.4s,3.9b	¶8494293
IDC	IV	20 09 01 03.0-2.0	62.25S	154.42E	0	4.5s,4.5	
HRVD	IV	20 09 01 03.9-20	62.01S	154.61E	12	5.3W,4.5	
NEIC	IV	20 09 01 03.9-83	62.29S	154.45E	10	4.0b,4.5	
ISC		Event type se. Error ellipse: s-maj=21.2km s-min=12.2km az=148.9.					
ISCJB		Error ellipse: s-maj=149.2km s-min=37.6km az=69.0.					
HRVD		Error ellipse: s-maj=3.3km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s68.c102; Mantle waves: s90.c142; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.09±0.2 Mm=0.99±0.2; M0=0.89±0.2; M1=0.06±0.5; M2=0.75±0.2; M3=0.06±0.5; Best double couple: NP1:φ=154.0000°,λ=2.00000°; NP2:φ=244.0000°,λ=176.0000°; Principal axes: T 1.2530,Plg2.0000°,AzM19.0000°; N -0.0890,Plg85.0000°,AzM269.0000°; P -1.1640,Plg4.0000°,AzM109.0000°; M0.209000×10 ¹⁷					
NEIC		Event type se. Error ellipse: s-maj=71.9km s-min=12.4km az=75.0.					
ISC	IV	27 10 25 53.7-46	61.60S-06	160.5E-30	10	4.6b,4.6s	37 16-151
IDC	IV	27 10 25 51.3-72	61.78S	160.36E	0	4.6s,4.6	¶8494433
ISCJB	IV	27 10 25 52.5-46	61.57S-06	160.4E-30	10	4.6b,4.6s	
MOS	IV	27 10 25 55.5-96	61.65S	160.52E	33	5.1b,4.6s	
NEIC	IV	27 10 25 56.1-38	61.59S	160.54E	26	4.9b,4.6s	
HRVD	IV	27 10 25 56.1-20	61.50S	160.78E	16-1	5.2W,4.6s	
ISC		Event type se. Error ellipse: s-maj=32.7km s-min=19.4km az=65.0.					
IDC		Error ellipse: s-maj=19.7km s-min=8.0km az=165.4.					
ISCJB		Error ellipse: s-maj=74.8km s-min=12.6km az=96.3.					
MOS		Error ellipse: s-maj=19.7km s-min=8.1km az=82.0.					
NEIC		Error ellipse: s-maj=3.3km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s47.c60; Mantle waves: s76.c121; Half duration: 1s0 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.19±0.3 Mm=0.84±0.2; M0=0.64±0.2; M1=0.39±0.7; M2=0.11±0.2; M3=0.11±0.6; Best double couple: NP1:φ=227.0000°,λ=175.0000°; NP2:φ=319.0000°,λ=85.0000°; NP3:φ=222.0000°,λ=175.0000°; Principal axes: T 0.9820,Plg19.0000°,AzM185.0000°; N -0.3100,Plg67.0000°,AzM331.0000°; P -0.6720,Plg12.0000°,AzM91.0000°; M0.827000×10 ¹⁷					
ISC	III	23 13 57 41.3-32	62.48S-04	165.1E-20	10	5.1s,5.0b	64 15-161
MOS	III	23 13 57 40.0-1.6	62.50S	165.13E	10	5.3b,5.0b	¶10609118
IDC	III	23 13 57 40.2-50	62.42S	165.20E	0	5.1s,5.1	
ISCJB	III	23 13 57 40.0-31	62.45S-04	165.0E-20	10	5.1s,5.0b	
HRVD	III	23 13 57 41.6-10	62.40S	165.38E	19-1	5.7W,5.0b	
NEIC	III	23 13 57 41.6-29	62.47S	165.17E	10	5.1b,5.0b	
BJI	III	23 13 57 41.6	62.50S	165.20E	10	5.7b,5.4s	
ISC		Event type se. Error ellipse: s-maj=48.9km s-min=10.5km az=95.1.					
MOS		Error ellipse: s-maj=23.1km s-min=13.7km az=73.0.					
ISCJB		Event type se. Error ellipse: s-maj=11.6km s-min=5.8km az=1.0.					
HRVD		Error ellipse: s-maj=2.2km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s91.c178; Mantle waves: s92.c185; Half duration: 1s7 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.36±0.5 Mm=0.96±0.6; M0=3.60±0.6; M1=0.72±1.3; M2=1.55±0.5; M3=0.22±1.3; Best double couple: NP1:φ=236.0000°,λ=83.0000°; NP2:φ=326.0000°,λ=85.0000°; NP3:φ=227.0000°,λ=175.0000°; Principal axes: T 4.3840,Plg9.0000°,AzM191.0000°; N -0.4740,Plg81.0000°,AzM3.0000°; P -3.9070,Plg1.0000°,AzM101.0000°; M0.4.146000×10 ¹⁷					
NEIC		Event type se. Error ellipse: s-maj=13.9km s-min=6.5km az=80.0.					
ISC	VI	12 14 33 13.9-1.4	64.4S-20	175.0E-60	10	4.0s,3.8b	6 14-147
IDC	VI	12 14 33 11.6-1.5	64.43S	175.19E	0	3.9s,3.8	¶9221874
ISCJB	VI	12 14 33 12.7-1.4	64.4S-20	174.8E-60	10	4.0s,3.8b	

NEIC	VI	12 14 33 13.1-1.2	64.34S	175.18E	10	4.1b,3.8b	
ISC		Event type se. Error ellipse: s-maj=65.1km s-min=38.2km az=45.0.					
IDC		Error ellipse: s-maj=40.4km s-min=21.2km az=155.5.					
ISCJB		Event type se. Error ellipse: s-maj=40.7km s-min=21.1km az=78.0.					
NEIC	III	07 11 25 00.5-92	63.36S-09	170.5E-60	10	4.4s,4.2b	9 14-156
ISC	III	07 11 25 59.2-92	63.36S-09	170.3E-60	10	4.4s,4.2b	¶10598982
ISCJB	III	07 11 24 59.6-96	63.24S	170.83E	0	4.4,4.4	
IDC	III	07 11 25 01.2-50	63.36S	170.40E	10	4.4b,4.4	
NEIC		Event type se. Error ellipse: s-maj=37.4km s-min=12.1km az=160.5.					
IDC		Error ellipse: s-maj=43.8km s-min=27.2km az=59.0.					
NEIC		Event type se. Error ellipse: s-maj=24.2km s-min=9.8km az=83.0.					
IDC	IV	24 11 51 42.6-2.5	61.54S	161.76E	0	4.1,4.1	¶8494371
IDC		Error ellipse: s-maj=61.0km s-min=39.2km az=89.0.					
IDC	II	18 11 05 51.5-1.4	64.80S	177.04E	0	4.2s,4.1	¶8192755
IDC		Error ellipse: s-maj=62.4km s-min=35.9km az=42.0.					
ISC	II	25 23 05 00.2-3.0	62.66S-05	165.3E-20	13-18	5.1b,4.8s	46 15-159
ISCJB	II	25 23 04 57.2-2.8	62.62S-05	165.3E-20	2-16	5.1b,4.8s	¶8193145
IDC	II	25 23 04 58.2-58	62.66S	165.29E	0	5.0,4.9L	
BJI	II	25 23 05 01.5	62.70S	165.20E	20	5.8b,5.8b	
NEIC	II	25 23 05 01.6-27	62.67S	165.23E	20	5.2b,5.8b	
HRVD	II	25 23 05 01.6-20	62.57S	165.69E	12	5.4W,5.8b	
MOS	II	25 23 05 02.7-1.6	62.71S	165.00E	33	5.5b,5.8b	
ISC		Event type se. Error ellipse: s-maj=17.5km s-min=8.3km az=157.3.					
ISCJB		Error ellipse: s-maj=27.3km s-min=16.6km az=68.0.					
IDC		Event type se. Error ellipse: s-maj=11.7km s-min=5.8km az=80.0.					
HRVD		Error ellipse: s-maj=4.4km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s87.c145; Mantle waves: s68.c119; Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.31±0.3 Mm=1.58±0.3; M0=1.26±0.3; M1=0.36±0.6; M2=0.34±0.3; M3=0.16±0.7; Best double couple: NP1:φ=231.0000°,λ=177.0000°; NP2:φ=322.0000°,λ=87.0000°; NP3:φ=231.0000°,λ=177.0000°; Principal axes: T 1.6910,Plg11.0000°,AzM187.0000°; N -0.3690,Plg77.0000°,AzM334.0000°; P -1.3150,Plg7.0000°,AzM96.0000°; M0.1.503000×10 ¹⁷					
MOS		Error ellipse: s-maj=51.3km s-min=10.5km az=94.8.					
IDC	II	27 11 19 01.0-1.3	62.90S	163.94E	0	4.4,4.2	¶9579973
IDC		Error ellipse: s-maj=85.5km s-min=32.1km az=58.0.					
IDC	IV	30 18 10 12.1-6.0	61.29S	158.51E	0	4.3,4.0	¶9598278
IDC		Error ellipse: s-maj=529.5km s-min=50.9km az=66.0.					
IDC	V	11 11 38 17.4-19	64.22S	173.30E	0	3.9,3.9	¶9598769
IDC		Error ellipse: s-maj=581.5km s-min=45.2km az=79.0.					
ISC	V	18 03 15 10.2-52	61.27S-05	160.8E-30	10	4.6b,4.3s	34 16-152
IDC	V	18 03 15 07.9-1.3	61.27S	160.93E	0	4.6,4.5	¶8358237
ISCJB	V	18 03 15 09.0-52	61.25S-05	160.8E-30	10	4.6b,4.3s	
NEIC	V	18 03 15 10.0-62	61.24S	160.90E	10	4.7b,4.3s	
HRVD	V	18 03 15 10.0-30	61.09S	160.77E	20-1	5.0W,4.3s	
MOS	V	18 03 15 10.7-1.9	61.37S	159.37E	10	5.0b,4.3s	
BJI	V	18 03 15 11.9	61.20S	160.90			

ISCJB	IV	06 15 14 22.2-1.7	9.9N-30	92.9E-60	33	4.1b,3.8b			
NEIC	IV	06 15 14 25.3-1.1	10.22N	93.40E	30	4.0b,3.8b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=377.5km s-min=28.3km az=60.0.								
ISCJB	Event type se. Error ellipse: s-maj=92.6km s-min=8.3km az=115.3.								
NEIC	Event type se. Error ellipse: s-maj=58.9km s-min=6.5km az=57.0.								
ISC	IV	07 23 04.3-1.4	10.82N-04	92.02E-04	33-9	4.5b,3.9s	110	1-152	
IDC	IV	07 23 04 59-1.50	10.86N	92.06E	0	4.4,4.3		¶10697608	
MOS	IV	07 23 04 58-97	10.46N	92.11E	33	4.8b,4.3			
ISCJB	IV	07 23 04 00.8-1.4	10.78N-05	92.01E-04	25-9	4.5b,3.9s			
BJI	IV	07 23 04 02.1	10.53N	92.09E	47	4.9b,4.5b			
NEIC	IV	07 23 04 03.6-24	10.85N	92.07E	30	4.4b,4.5b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=24.6km s-min=11.7km az=53.0.								
MOS	Error ellipse: s-maj=23.3km s-min=9.9km az=111.1.								
ISCJB	Event type se. Error ellipse: s-maj=8.0km s-min=6.5km az=47.8.								
NEIC	Event type se. Error ellipse: s-maj=8.3km s-min=4.8km az=55.0.								
ISC	IV	12 07 55 42.9-61	11.34N-08	92.42E-07	35	4.0b	35	7-123	
BJI	IV	12 07 55 37.6	11.02N	92.54E	30	3.9b		¶18320363	
IDC	IV	12 07 55 38.6-1.2	11.64N	92.97E	0	4.0,3.9b			
ISCJB	IV	12 07 55 40-60	11.35N-08	92.49E-07	33	4.0b,3.9b			
NEIC	IV	12 07 55 44.1-85	11.87N	93.34E	30	4.3b,3.9b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=64.1km s-min=16.8km az=58.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.0km s-min=7.3km az=81.8.								
NEIC	Event type se. Error ellipse: s-maj=36.3km s-min=8.1km az=57.0.								
ISC	IV	15 18 46 17.9-2.6	12.9N-10	92.4E-20	68-26	3.6b	13	1-73	
IDC	IV	15 18 46 08.9-1.3	12.79N	92.27E	0	3.8,3.7		¶19594971	
NEIC	IV	15 18 46 13.9-79	12.89N	92.52E	30	3.6b,3.7			
ISCJB	IV	15 18 46 16.1-3.4	12.8N-10	92.4E-20	72-32	3.6b,3.7			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
IDC	IV	18 14 13 54.2-3.4	11.25N	94.89E	0	3.4,3.3		¶19595160	
IDC	Error ellipse: s-maj=192.8km s-min=27.6km az=63.0.								
IDC	IV	03 12 41 26.6-3.7	11.86N	92.28E	0	3.6,3.4b		¶19594182	
IDC	Error ellipse: s-maj=140.2km s-min=24.2km az=67.0.								
ISC	III	09 15 19 16.3-27	10.84N-03	94.51E-03	22	4.8b,4.6s	173	2-156	
IDC	III	09 15 19 11.9-56	10.74N	94.33E	0	4.5s,4.5		¶10600348	
ISCJB	III	09 15 19 13.7-27	10.77N-03	94.47E-03	21	4.8b,4.6s			
BJI	III	09 15 19 14.3	10.63N	94.43E	33	5.4b,5.0s			
MOS	III	09 15 19 15.6-98	10.85N	94.47E	33	5.2b,5.0s			
HRVD	III	09 15 19 15.5-30	10.89N	94.68E	12	5.2W,5.0s			
NEIC	III	09 15 19 15.5-25	10.80N	94.51E	21	5.1b,5.0s			
SZGRF	III	09 15 19 18.0	12.37N	96.79E	33	4.6b,5.0s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=25.8km s-min=12.5km az=59.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.5km s-min=4.6km az=73.6.								
MOS	Error ellipse: s-maj=12.2km s-min=5.5km az=107.3.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s38,c50; Mantle waves: s91,c156; Half duration: 1s0 Moment tensor: Scale 10 ¹⁶ Nm; Mr=6.43±18 Mm±5.92±14; Mm±0.50±19; Mm±3.76±52; Mm±2.12±13; Mm±0.20±36; Best double couple: NP1:±0.600000°, ±32.000000°, λ-108.000000°. NP2:±0.26200000°, ±86.000000°, λ-79.000000°. Principal axes: T 7.5400,Plg14.0000°, Azm344.0000°; N 0.0130,Plg10.0000°, Azm76.0000°; P -7.5590,Plg73.0000°, Azm199.0000°; M7.54900°x10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=9.8km s-min=4.6km az=57.0.								
SZGRF	Andaman Islands, India, region.								
ISC	III	09 17 24 38.6-83	10.7N-10	94.3E-20	35	4.0b	16	2-152	
IDC	III	09 17 24 33.6-93	10.78N	94.65E	0	4.0,3.8b		¶10600472	
ISCJB	III	09 17 24 36.1-82	10.6N-10	94.3E-20	33	4.0b,3.8b			
NEIC	III	09 17 24 36.1-66	10.62N	94.33E	19	4.3b,3.8b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=57.5km s-min=16.3km az=63.0.								
ISCJB	Event type se. Error ellipse: s-maj=32.1km s-min=11.6km az=126.6.								
NEIC	Event type se. Error ellipse: s-maj=29.0km s-min=11.3km az=66.0.								
ISC	III	09 18 21 55.3-1.2	10.85N-03	94.64E-03	32-8	5.0s,4.9b	210	2-162	
IDC	III	09 18 21 49.7-41	10.85N	94.53E	0	4.9s,4.9		¶10600524	
BJI	III	09 18 21 50.3	10.59N	94.56E	24	5.3b,5.2s			
HRVD	III	09 18 21 51.6-30	10.82N	94.69E	12	5.4W,5.2s			
NEIC	III	09 18 21 51.6-22	10.84N	94.58E	10	5.1b,5.2s			
ISCJB	III	09 18 21 51.7-1.2	10.81N-03	94.65E-03	22-8	5.0s,4.9b			
MOS	III	09 18 21 52.9-1.1	10.86N	94.63E	33	5.3b,4.9b			
SZGRF	III	09 18 22 01.6	11.85N	94.41E	33	4.8b,4.9b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=17.1km s-min=11.1km az=57.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s53,c68; Mantle waves: s88,c156; Half duration: 1s2 Moment tensor: Scale 10 ¹⁷ Nm; Mr=1.40±0.4 Mm±1.32±0.3; Mm±0.07±0.4; Mm±0.29±12; Mm±0.29±0.3; Mm±0.17±13; Best double couple: NP1:±0.8100000°, ±39.000000°, λ-84.000000°. NP2:±0.25400000°, ±82.000000°, λ-95.000000°. Principal axes: T 1.4200,Plg6.0000°, Azm347.0000°; N 0.0210,Plg4.0000°, Azm257.0000°; P -1.4430,Plg83.0000°, Azm137.0000°; M1.43100°x10 ¹⁷								
NEIC	Event type se. Error ellipse: s-maj=8.1km s-min=4.4km az=52.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.6km s-min=4.5km az=83.6.								
MOS	Error ellipse: s-maj=10.4km s-min=5.0km az=112.4.								
SZGRF	Andaman Islands, India, region.								
ISC	III	09 18 51 55.3-1.4	10.82N-08	94.5E-10	46-14	5.0s,4.2b	39	2-122	
IDC	III	09 18 51 48.7-1.0	10.81N	94.58E	0	4.0,3.9b		¶10600549	
NEIC	III	09 18 51 51.2-48	10.97N	94.86E	10	4.6b,3.9b			
ISCJB	III	09 18 51 52.6-2.0	10.76N-09	94.5E-10	42-20	5.0s,4.2b			
MOS	III	09 18 51 52.2-1.4	11.02N	94.92E	33	4.6b,4.2b			
BJI	III	09 18 51 52.5	10.86N	93.99E	27	5.3b,4.8s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=50.6km s-min=16.7km az=62.0.								
NEIC	Event type se. Error ellipse: s-maj=17.4km s-min=7.0km az=57.0.								
ISCJB	Event type se. Error ellipse: s-maj=21.8km s-min=9.6km az=112.7.								
MOS	Error ellipse: s-maj=25.2km s-min=8.7km az=113.8.								
ISC	III	09 21 37 01.8-26	10.67N-03	94.39E-03	20	4.9s,4.8b	200	2-162	
IDC	III	09 21 36 57.5-51	10.72N	94.29E	0	4.9,4.9s		¶10600645	
ISCJB	III	09 21 36 59.3-26	10.64N-03	94.37E-04	19	4.9s,4.8b			
BJI	III	09 21 36 59.7	10.53N	94.23E	31	5.4b,5.2s			
HRVD	III	09 21 37 00.9-20	10.76N	94.49E	12	5.3W,5.2s			
NEIC	III	09 21 37 00.9-24	10.71N	94.36E	18	5.1b,5.2s			
MOS	III	09 21 37 01.6-1.2	10.75N	94.32E	33	5.3b,5.0s			
SZGRF	III	09 21 37 52.1	10.96N	93.86E	33	4.8b,5.0s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=22.4km s-min=12.5km az=58.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.8km s-min=4.1km az=100.7.								
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s72,c115; Mantle waves: s92,c172; Half duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; Mr=1.02±0.2 Mm±0.97±0.2; Mm±0.05±0.2; Mm±0.40±0.6; Mm±0.27±0.2; Mm±0.05±0.6; Best double couple: NP1:±0.6700000°, ±36.000000°, λ-103.000000°. NP2:±0.26300000°, ±86.000000°, λ-81.000000°. Principal axes: T 1.1110,Plg10.0000°, Azm346.0000°; N -0.0030,Plg7.0000°, Azm77.0000°; P -1.1060,Plg77.0000°, Azm203.0000°; M1.10900°x10 ¹⁷								
NEIC	Event type se. Error ellipse: s-maj=9.0km s-min=4.4km az=56.0.								
MOS	Error ellipse: s-maj=11.8km s-min=5.6km az=103.8.								
SZGRF	Andaman Islands, India, region.								
ISC	III	09 22 30 50.3-1.1	10.74N-04	94.34E-03	32-7	4.8b,4.8s	208	2-162	
IDC	III	09 22 30 44.1-44	10.76N	94.46E	0	4.5,4.5		¶10600670	
BJI	III	09 22 30 45.1	10.64N	94.13E	18	5.3b,5.0s			
NEIC	III	09 22 30 46.6-29	10.73N	94.36E	10	5.0b,5.0s			
HRVD	III	09 22 30 46.6-30	10.75N	94.46E	12	5.2W,5.0s			
ISCJB	III	09 22 30 47.0-1.1	10.71N-04	94.33E-03	25-7	4.8b,4.8s			
MOS	III	09 22 30 48.6-1.0	10.82N	94.28E	33	5.2b,4.8s			

SZGRF	III	09 22 31 07.0	12.07N	91.16E	33	4.5b,4.8s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=17.2km s-min=12.1km az=57.0.								
NEIC	Event type se. Error ellipse: s-maj=10.4km s-min=5.9km az=52.0.								
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s63,c101; Mantle waves: s86,c153; Half duration: 1s0 Moment tensor: Scale 10 ¹⁷ Nm; Mr=0.78±0.2 Mm±0.7±0.2; Mm±0.01±0.2; Mm±0.36±0.5; Mm±0.20±0.2; Mm±0.10±0.6; Best double couple: NP1:±0.7600000°, ±32.000000°, λ-90.000000°. NP2:±0.25500000°, ±58.000000°, λ-90.000000°. Principal axes: T 0.8910,Plg13.0000°, Azm346.0000°; N -0.0030,Plg0.0000°, Azm255.0000°; P -0.8580,Plg77.0000°, Azm164.0000°; M0.87500°x10 ¹⁷								
ISCJB	Event type se. Error ellipse: s-maj=7.0km s-min=5.2km az=65.6.								
MOS	Error ellipse: s-maj=11.1km s-min=5.3km az=110.4.								
SZGRF	Andaman Islands, India, region.								
ISC	III	11 02 06 11.5-1.0	10.5N-20	93.9E-20	35	3.8b,3.8s	16	2-73	
IDC	III	11 02 06 05.9-1.3	10.47N	93.87E	0	4.0,3.8		¶10601573	
ISCJB	III	11 02 06 08.8-1.0	10.4N-20	93.9E-20	33	3.8b,3.8s			
NEIC	III	11 02 06 09.9-87	10.44N	93.97E	25	4.2b,3.8s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=44.2km s-min=20.0km az=55.0.								
ISCJB	Event type se. Error ellipse: s-maj=35.1km s-min=11.6km az=102.7.								
NEIC	Event type se. Error ellipse: s-maj=29.8km s-min=10.1km az=51.0.								
ISC	III	11 10 39 35.0-33	10.96N-06	94.37E-06	27	4.5b,4.3s	54	9-162	
ISCJB	III	11 10 39 32.6-32	10.90N-05	94.34E-06	25	4.5b,4.3s		¶10601762	
MOS	III	11 10 39 33.2-82	10.93N	94.37E	33	4.9b,4.3s			
BJI	III	11 10 39 34.5	11.00N	94.40E	26	4.9b,4.6s			
IDC	III	11 10 39 34.0-49	10.90N	94.37E	23-3	4.4,4.3			
NEIC	III	11 10 39 34.5-25	10.96N	94.40E	27	4.8b,4.3			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=8.5km s-min=7.5km az=127.4.								
MOS	Error ellipse: s-maj=18.1km s-min=9.8km az=115.6.								
IDC	Error ellipse: s-maj=16.7km s-min=11.1km az=53.0.								
NEIC	Event type se. Error ellipse: s-maj=9.4km s-min=6.3km az=55.0.								
ISC	III	11 13 05 41.1-39	10.61N-05	94.23E-04	26	4.5b,3.8s	115	2-147	
IDC	III	11 13 05 36.8-68	10.61N	93.98E	0	4.3,4.2		¶10601843	
ISCJB	III	11 13 05 38.4-39	10.56N-05	94.22E-04	25	4.5b,3.8s			
MOS	III	11 13 05 39.8-94	10.65N	94.15E	33	4.7b,3.8s			
NEIC	III	11 13 05 40.9-36	10.74N	94.26E	25	4.5b,3.8s			
BJI	III	11 13 05 40.1	10.50N	94.35E	35	5.2b,4.5b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=34.9km s-min=14.6km az=56.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.7km s-min=5.8km az=150.4.								
MOS	Error ellipse: s-maj=17.2km s-min=6.8km az=110.9.								
NEIC	Event type se. Error ellipse: s-maj=11.4km s-min=7.5km az=54.0.								
ISC	III	21 12 45 06.6-54	10.65N-07	94.45E-07	24	4.5b,3.9s	76	2-149	
IDC	III	21 12 45 04.0-75	10.81N	94.41E	0	4.3,4.2		¶10607830	
ISCJB	III	21 12 45 04.5-55	10.66N-07	94.40E-07	22	4.5b,3.9s			
BJI	III	21 12 45 06.7	10.55N	94.42E	39	5.0b,4.5b			
MOS	III	21 12 45 06.5-68	10.78N	94.45E	33	4.8b,4.5b			
NEIC									

BJI	III	09 16 10 25.1	10.00N	93.98E	10	5.6b,4.8s	¶10600398	NEIC	Event type se. Error ellipse: s-maj=33.1km s-min=9.9km az=57.0.	
ISCJB	III	09 16 10 30.7-42	10.66N-06	94.35E-08	10	4.2b,4.8s		ISC	III 01 22 06 06.7-69	
IDC	III	09 16 10 31.6-73	10.74N	94.48E	0	4.2,4.1b		ISCJB	III 01 22 06 03.6-74	
NEIC	III	09 16 10 32.6-36	10.69N	94.36E	10	4.3b,4.1b		MOS	III 01 22 06 05.0-1.3	
MOS	III	09 16 10 34.3-93	10.72N	94.53E	33	4.4b,4.1b		NEIC	III 01 22 06 06.9-59	
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=12.8km s-min=7.7km az=124.3.									
IDC	Error ellipse: s-maj=43.4km s-min=13.9km az=58.0.									
NEIC	Event type se. Error ellipse: s-maj=12.1km s-min=6.7km az=60.0.									
MOS	Error ellipse: s-maj=27.9km s-min=9.5km az=109.4.									
IDC	III	09 16 14 18.5-20	10.76N	94.93E	0	3.9,3.7b		ISC	III 01 22 06 11.0	
IDC	Error ellipse: s-maj=731.2km s-min=29.8km az=73.0.									
ISC	III	09 16 34 03.2-7.7	10.81N-10	94.6E-20	9-49	4.0b	23	8-122	ISCJB	III 08 14 49 45.4-30
ISCJB	III	09 16 34 01.1-58	10.73N-10	94.6E-20	10	4.0b	¶10600427	MOS	III 08 14 49 42.8-30	
IDC	III	09 16 34 01.5-77	10.68N	94.42E	0	4.1,4.0b		NEIC	III 08 14 49 43.0-59	
NEIC	III	09 16 34 05.0-46	10.77N	94.64E	24	4.0b,4.0b		ISC	III 08 14 49 44.7-36	
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=24.5km s-min=8.6km az=122.0.									
IDC	Error ellipse: s-maj=44.6km s-min=14.6km az=59.0.									
NEIC	Event type se. Error ellipse: s-maj=20.9km s-min=7.1km az=61.0.									
ISC	III	09 17 43 19.7-4.8	10.85N-07	94.5E-10	28-35	4.5s,4.2b	37	9-122	ISCJB	III 08 14 49 44.8-63
ISCJB	III	09 17 43 15.9-4.8	10.79N-07	94.5E-10	17-35	4.5s,4.2b	¶10600485	MOS	III 08 14 49 44.8-63	
IDC	III	09 17 43 15.1-66	10.79N	94.46E	0	4.2,4.1b		NEIC	III 08 14 49 44.8-63	
BJI	III	09 17 43 16.0	10.30N	94.64E	40	5.0b,4.7s		ISC	III 19 18 12 06.3-1.4	
NEIC	III	09 17 43 18.2-41	10.82N	94.48E	20	4.5b,4.7s		IDC	III 19 18 12 03.9-1.4	
MOS	III	09 17 43 18.4-96	10.82N	94.44E	33	4.6b,4.7s		ISCJB	III 19 18 12 03.2-1.1	
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=21.2km s-min=10.8km az=145.2.									
IDC	Error ellipse: s-maj=28.7km s-min=14.4km az=63.0.									
NEIC	Event type se. Error ellipse: s-maj=15.2km s-min=7.7km az=69.0.									
MOS	Error ellipse: s-maj=21.7km s-min=10.2km az=99.6.									
ISC	III	09 18 20 27.5-1.3	10.80N-05	94.50E-07	36-12	4.9s,4.4b	86	9-149	ISC	III 09 14 45 33.5-2.9
IDC	III	09 18 20 22.0-52	10.80N	94.50E	0	5.1s,1.5	¶10600522	IDC	III 09 14 45 37.6-1.2	
BJI	III	09 18 20 22.6	10.57N	94.59E	26	5.4b,4.7s		NEIC	III 09 14 45 38.9-1.3	
ISCJB	III	09 18 20 23.8-2.9	10.74N-06	94.49E-07	26-20	4.9s,4.4b		ISC	III 19 19 11 08.1-2.0	
NEIC	III	09 18 20 23.6-26	10.77N	94.56E	10	4.5b,4.4b		ISCJB	III 19 19 11 02.0-2.4	
MOS	III	09 18 20 24.9-67	10.78N	94.46E	33	4.8b,4.4b		IDC	III 19 19 11 03.2-50	
ISC	Event type se.									
IDC	Error ellipse: s-maj=27.1km s-min=12.3km az=60.0.									
ISCJB	Event type se. Error ellipse: s-maj=12.8km s-min=7.1km az=112.8.									
NEIC	Event type se. Error ellipse: s-maj=11.1km s-min=4.6km az=61.0.									
MOS	Error ellipse: s-maj=17.7km s-min=7.2km az=105.4.									
ISC	III	09 18 26 33.5-1.6	10.76N-06	94.31E-07	57-15	4.5b	63	16-149	ISC	III 19 19 11 06.4-30
BJI	III	09 18 26 19.3	9.83N	94.19E	10	5.4s,5.4b	¶10600530	MOS	III 19 19 11 06.1-83	
IDC	III	09 18 26 25.5-67	10.67N	94.33E	0	4.4,4.3b		ISC	III 19 19 12 17.6-57	
NEIC	III	09 18 26 27.3-38	10.66N	94.24E	10	5.0b,4.3b		IDC	III 19 19 12 12.0-68	
HRVD	III	09 18 26 27.3-70	10.79N	94.51E	12	5.3W,4.3b		NEIC	III 19 19 12 13.6-42	
MOS	III	09 18 26 29.1-87	10.79N	94.45E	33	5.0b,4.3b		HRVD	III 19 19 12 13.6-50	
ISCJB	III	09 18 26 32.3-2.0	10.71N-06	94.29E-07	65-19	4.5b,4.3b		ISCJB	III 19 19 12 15.2-58	
ISC	Event type se.									
NEIC	Event type se.									
HRVD	nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s24,c29; Mantle waves: s52,c75; Half duration: 1±0 Moment tensor: Scale 10 ¹⁷ Nm; M _{rr} =0.54±0.05; M _{θθ} 0.68±0.04; M _{φφ} 0.14±0.07; M _{φθ} 0.61±0.14; M _{φr} 0.05±0.04; M _{θr} 0.53±0.22; Best double couple: NP1:φ=111.00000°; λ=27.00000°; λ-40.00000°; NP2:φ=238.00000°; λ=73.00000°; λ-111.00000°; Principal axes: T 0.9980 125.0000°; Azm344.0000°; P 0.0500 120.0000°; Azm244.0000°; P -1.0490 157.0000°; Azm121.0000°; M ₀ 1.02400×10 ¹⁷									
ISCJB	Event type se.									
ISC	III	09 21 18 57.2-9.0	10.76N-04	94.54E-05	36-9	4.6b,4.4s	105	9-162	ISC	III 09 15 04 25.8-82
IDC	III	09 21 18 51.5-47	10.81N	94.57E	0	4.4,4.4b	¶10600641	IDC	III 09 15 04 27.1-47	
BJI	III	09 21 18 53.4	10.41N	94.56E	36	5.0b,4.6s		NEIC	III 09 15 04 28.8-42	
MOS	III	09 21 18 54.8-98	10.81N	94.54E	33	5.1b,4.6s		MOS	III 09 15 04 28.2-2.6	
ISCJB	III	09 21 18 54.7-2.4	10.73N-04	94.55E-05	33-17	4.6b,4.4s		ISC	III 09 16 28 50.0-33	
HRVD	III	09 21 18 55.5-40	10.86N	94.66E	12	5.0W,4.4s		IDC	III 09 16 28 46.2-55	
NEIC	III	09 21 18 55.5-27	10.77N	94.57E	24	4.9b,4.4s		ISCJB	III 09 16 28 47.5-32	
ISC	Event type se.									
IDC	Error ellipse: s-maj=24.2km s-min=12.1km az=59.0.									
MOS	Error ellipse: s-maj=14.1km s-min=6.8km az=104.3.									
ISCJB	Event type se. Error ellipse: s-maj=9.9km s-min=5.7km az=114.1.									
HRVD	Error ellipse: s-maj=4.4km s-min=3.3km az=1-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s18,c19; Mantle waves: s71,c102; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} -2.91±12; M _{θθ} 2.62±09; M _{φφ} 0.28±13; M _{φθ} 1.47±43; M _{φr} 0.68±10; M _{θr} 0.67±63; Best double couple: NP1:φ=79.00000°; λ=81.00000°; λ-82.00000°; NP2:φ=250.00000°; λ=86.00000°; λ-94.00000°; Principal axes: T 3.2200 115.0000°; Azm344.0000°; P 0.1230 114.0000°; Azm253.0000°; P -3.3440 115.0000°; Azm148.0000°; M ₀ 3.28200×10 ¹⁶									
NEIC	Event type se. Error ellipse: s-maj=10.2km s-min=5.0km az=59.0.									
ISC	III	09 22 59 54.9-5.1	10.74N-07	94.27E-09	12-33	4.0b	20	8-61	ISC	III 09 16 28 49.2-89
ISCJB	III	09 22 59 51.7-68	10.58N-07	94.13E-10	10	4.0b	¶10600681	NEIC	III 09 16 28 49.3-26	
IDC	III	09 22 59 52.1-1.2	10.61N	94.08E	0	3.9,3.7b		MOS	III 09 16 28 49.2-89	
NEIC	III	09 22 59 54.1-73	10.67N	94.21E	10	4.2b,3.7b		ISC	III 09 17 09 10.2-8.7	
BJI	III	09 22 59 54.1	10.70N	94.20E	10	4.7s,4.5b		ISCJB	III 09 17 09 10.2-80	
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=13.9km s-min=9.9km az=141.4.									
IDC	Error ellipse: s-maj=55.9km s-min=18.4km az=56.0.									
NEIC	Event type se. Error ellipse: s-maj=28.2km s-min=8.9km az=55.0.									
ISC	III	10 07 33 35.1-3.9	10.7N-20	94.1E-20	61-36	3.9b	15	9-61	NEIC	III 09 17 09 10.4-2.2
IDC	III	10 07 33 26.5-1.4	10.47N	93.92E	0	3.9,3.8	¶10600917	MOS	III 09 17 09 11.4-6.0	
NEIC	III	10 07 33 28.5-89	10.53N	94.15E	10	4.3b,3.8		ISC	III 09 17 09 11.0-9.0	
ISCJB	III	10 07 33 33.2-5.6	10.6N-20	94.1E-20	67-52	3.9b,3.8		ISCJB	III 09 17 09 08.3-8.7	
ISC	Event type se.									
NEIC	Event type se.									
ISCJB	Event type se.									
ISC	III	11 03 08 40.6-3.8	10.69N-09	94.3E-10	28-29	4.1b,3.8s	25	2-90	ISC	III 09 17 09 10.2-8.0
IDC	III	11 03 08 36.0-1.2	10.61N	94.21E	0	4.0,3.8	¶10601602	BJI	III 09 17 55 37.2-57	
ISCJB	III	11 03 08 37.6-3.9	10.64N-09	94.3E-10	23-31	4.1b,3.8s		ISCJB	III 09 17 55 38.3-33	
NEIC	III	11 03 08 37.9-52	10.69N	94.38E	10	4.3b,3.8s		NEIC	III 09 17 55 40.4-28	
BJI	III	11 03 08 39.4	10.77N	94.73E	11	4.8b,4.4b		MOS	III 09 17 55 40.2-93	
ISC	Event type se.									
IDC	Error ellipse: s-maj=56.1km s-min=18.4km az=62.0.									
ISCJB	Event type se. Error ellipse: s-maj=21.4km s-min=10.4km az=115.3.									
NEIC	Event type se. Error ellipse: s-maj=22.4km s-min=6.2km az=58.0.									
ISC	III	11 23 57 12.9-1.1	11.0N-20	94.7E-30	10	3.6b	13	18-61	ISC	III 09 18 03 02.5-2.0
ISCJB	III	11 23 57 10.5-1.1	10.9N-20	94.6E-30	10	3.6b	¶10602191	IDC	III 09 18 02 58.9-92	
IDC	III	11 23 57 11.5-1.3	10.92N	94.81E	0	3.8,3.6b		NEIC	III 09 18 02 58.8	
NEIC	III	11 23 57 12.6-89	10.94N	94.72E	10	3.9b,3.6b		MOS	III 09 18 02 59.3-94	
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=48.2km s-min=12.0km az=108.0.									
IDC	Error ellipse: s-maj=54.2km s-min=19.8km az=57.0.									
NEIC	Event type se. Error ellipse: s-maj=39.4km s-min=10.7km az=53.0.									
ISC	III	12 12 58 29.6-2.6	10.84N-08	94.60E-08	19-17	4.3b,3.9s	49	2-154	ISC	III 09 18 10 03.4-60
ISCJB	III	12 12 58 26.1-2.5	10.78N-08	94.58E-08	10-16	4.3b,3.9s	¶10602477	ISC	III 09 18 09 58.8-86	
IDC	III	12 12 58 26.1-1.0	10.67N	94.31E	0	4.1,4.0b		ISCJB	III 09 18 10 00.9-61	
BJI	III	12 12 58 26.0	10.33N	94.42E	34	4.4b,4.1b		NEIC	III 09 18 10 00.0-39	
NEIC	III	12 12 58 27.9-53	10.79N	94.59E	10	4.3b,4.1b		ISC	III 09 18 10 00.0	
MOS	III	12 12 58 27.2-86	10.50N	94.50E	33	4.8b,4.1b		ISC	III 09 18 09 58.8-86	
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=17.1km s-min=8.4km az=81.1.									
IDC	Error ellipse: s-maj=52.6km s-min=18.5km az=66.0.									
NEIC	Event type se. Error ellipse: s-maj=19.9km s-min=9.6km az=53.0.									
MOS	Error ellipse: s-maj=29.8km s-min=11.5km az=96.9.									
ISC	III	12 20 01 00.6-4.3	10.4N-20	94.0E-20	21-34	4.0b,4.0s	20	8-76	ISC	III 09 18 09 58.8-86
ISCJB	III	12 20 00 57.4-4.5	10.3N-20	94.0E-20	16-35	4.0b,4.0s	¶10602645	ISCJB	III 09 18 10 00.9-61	
IDC	III	12 20 00 57.6-3.1	10.46N	94.17E	0	4.1,3.9b		NEIC	III 09 18 10 00.0	
NEIC	III	12 20 00 58.6-1.1	10.40N	93.99E	10	4.1b,3.9b		ISC	III 09 18 10 00.0	
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=40.5km s-min=7.9km az=98.4.									
IDC	Error ellipse: s-maj=131.5km s-min=21.0km az=64.0.									

NEIC	Event type se. Error ellipse: s-maj=33.1km s-min=9.9km az=57.0.									
ISC	III	01 22 06 06.7-69	11.0N-10	91.92E-08	28	4.0b	31	1-93	ISC	III 09 18 03 02.5-2.0
ISCJB	III	01 22 06 03.6-74	10.9N-10	91.83E-08	26	4.0b	¶10595407	IDC	III 09 18 02 58.9-92	
MOS	III	01 22 06 05.0-1.3	10.91N	92.08E	33	4.7b		NEIC	III 09 18 02 58.8	
NEIC	III	01 22 06 06.9-59	11.10N	92.12E	27	4.9b		MOS	III 09 18 02 59.3-94	
IDC	III	01 22 06								

MOS	III	09 18 40 43.9-92	10.87N	94.50E	33	4.6b,4.0b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=41.3km s-min=16.8km az=61.0.								
NEIC	Event type se. Error ellipse: s-maj=21.5km s-min=5.9km az=58.0.								
ISCJB	Event type se. Error ellipse: s-maj=18.6km s-min=8.1km az=114.9.								
MOS	Error ellipse: s-maj=30.2km s-min=8.4km az=110.0.								
ISC	III	09 19 03 37.8-1.2	10.72N-20	94.3E-30	35	4.1b	10	2-62	
IDC	III	09 19 03 32.4-2.2	10.56N	94.24E	0	4.2,4.0b		¶10600558	
NEIC	III	09 19 03 33.9-92	10.62N	94.31E	10	4.3b,4.0b			
ISCJB	III	09 19 03 35.1-1.1	10.6N-20	94.2E-30	33	4.0b,4.0b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	III	09 19 15 28.9-3.5	10.72N-09	94.5E-10	25-26	4.1b	33	7-62	
ISCJB	III	09 19 15 24.6-4.7	10.65N-08	94.45E-09	12-30	4.1b		¶10600567	
IDC	III	09 19 15 24.9-1.3	10.59N	94.48E	0	4.0,3.8b			
NEIC	III	09 19 15 26.7-5.9	10.71N	94.54E	10	5.0b,3.8b			
MOS	III	09 19 15 27.6-9.9	10.69N	94.53E	33	4.5b,3.8b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=19.1km s-min=8.7km az=100.6.								
IDC	Error ellipse: s-maj=55.6km s-min=20.1km az=57.0.								
NEIC	Event type se. Error ellipse: s-maj=24.6km s-min=7.1km az=56.0.								
MOS	Error ellipse: s-maj=31.2km s-min=10.2km az=112.1.								
ISC	III	09 19 15 43.9-2.5	10.72N-03	94.36E-03	22	4.7s,4.7b	160	2-162	
IDC	III	09 19 15 40.1-4.8	10.72N	94.32E	0	4.7s,4.7b		¶10600569	
BJI	III	09 19 15 41.5	10.53N	94.30E	32	5.3b,4.9s			
ISCJB	III	09 19 15 41.4-2.6	10.69N-03	94.36E-04	20	4.7s,4.7b			
HRVD	III	09 19 15 43.7-4.0	10.79N	94.55E	12-1	5.2W,4.7b			
NEIC	III	09 19 15 43.7-2.7	10.72N	94.34E	22	5.0b,4.7b			
MOS	III	09 19 15 43.4-9.3	10.77N	94.33E	33	5.2b,4.7b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=20.6km s-min=12.5km az=61.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.6km s-min=4.4km az=97.5.								
HRVD	Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s28,c33; Mantle waves: s80,c131; Half duration: 0 Moment tensor: Scale 1017 Nm; Mr=0.74±0.05 Mm=0.65±0.03; Mm=0.08±0.03; Mm=0.16±0.08; Mm=0.15±0.02; Mr=0.02±0.10; Best double couple: NP1:0.72,0.00000; s29,0.00000; λ-96.00000; NP2:0.260,0.00000; s81,0.00000; λ-85.00000; Principal axes: T 0.7050,Plg6.0000; Azm346.0000; N 0.0520,Plg4.0000; Azm77.0000; P -0.7570,Plg83.0000; Azm199.0000; M0.73100x10 ¹⁷								
NEIC	Event type se. Error ellipse: s-maj=9.7km s-min=5.4km az=56.0.								
MOS	Error ellipse: s-maj=12.3km s-min=5.8km az=103.6.								
ISC	III	09 19 53 27.5-4.6	11.9N-50	94.1E-30	35	3.7b	7	1-45	
IDC	III	09 19 53 13.9-3.5	10.78N	94.01E	0	3.7,3.6b		¶10600590	
NEIC	III	09 19 53 23.8-4.4	11.92N	94.12E	10	4.2b,3.6b			
ISCJB	III	09 19 53 25.2-4.5	11.9N-50	94.0E-30	33	3.7b,3.6b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	III	09 20 25 43.0-4.1	10.9N-20	94.4E-20	35	3.8b	16	18-52	
IDC	III	09 20 23 01.9-2.3	10.68N	94.14E	0	3.9,3.7b		¶10600605	
NEIC	III	09 20 23 05.0-8.9	10.88N	94.60E	10	4.0b,3.7b			
ISCJB	III	09 20 23 05.6-1.0	10.8N-20	94.4E-20	33	3.8b,3.7b			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	III	09 20 25 46.7-2.4	10.73N-03	94.43E-03	21	4.7b,4.6s	180	2-162	
IDC	III	09 20 25 43.0-4.7	10.66N	94.34E	0	4.6s,4.6b		¶10600607	
ISCJB	III	09 20 25 44.2-2.5	10.69N-03	94.42E-03	20	4.7b,4.6s			
BJI	III	09 20 25 44.3	10.60N	94.33E	27	5.1b,4.8s			
HRVD	III	09 20 25 46.1-3.0	10.79N	94.52E	12	5.2W,4.8s			
NEIC	III	09 20 25 46.1-2.5	10.71N	94.43E	21	4.9b,4.8s			
MOS	III	09 20 25 46.3-1.1	10.75N	94.37E	33	5.1b,4.8s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=21.4km s-min=11.9km az=54.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.2km s-min=4.0km az=81.3.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s43,c59; Mantle waves: s85,c139; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=5.34±1.6 Mm=4.91±1.3; Mm=0.42±0.18; Mm=4.69±0.49; Mm=1.64±0.12; Mr=0.18±0.55; Best double couple: NP1:0.60,0.00000; s26,0.00000; λ-113.00000; NP2:0.265,0.00000; s86,0.00000; λ-79.00000; Principal axes: T 0.7050,Plg20.0000; Azm347.0000; N 0.1740,Plg10.0000; Azm80.0000; P -7.2390,Plg67.0000; Azm195.0000; M7.14800x10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=10.1km s-min=4.2km az=55.0.								
MOS	Error ellipse: s-maj=11.1km s-min=5.5km az=109.6.								
ISC	III	09 20 48 01.2-3.5	10.82N-07	94.6E-10	24-26	4.2b	24	2-90	
IDC	III	09 20 47 57.0-8.3	10.74N	94.50E	0	4.2,4.1		¶10600620	
ISCJB	III	09 20 47 57.6-4.9	10.76N-07	94.6E-10	14-32	4.2b,4.1			
BJI	III	09 20 47 57.0	10.74N	94.55E	17	5.1b,4.1b			
NEIC	III	09 20 47 58.9-3.7	10.80N	94.67E	10	4.4b,4.1b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=43.8km s-min=16.4km az=60.0.								
ISCJB	Event type se. Error ellipse: s-maj=19.3km s-min=9.3km az=122.6.								
NEIC	Event type se. Error ellipse: s-maj=19.9km s-min=5.4km az=61.0.								
ISC	III	09 22 32 32.3-3.4	10.74N-06	94.23E-07	35	4.8s,4.7b	67	9-162	
SZGRF	III	09 22 32 16.9	12.75N	96.33E	33	4.7b,4.7b		¶10600674	
BJI	III	09 22 32 19.8	9.84N	94.08E	10	5.0s,5.0b			
IDC	III	09 22 32 26.4-5.0	10.68N	94.24E	0	4.7,4.6			
NEIC	III	09 22 32 28.0-2.8	10.65N	94.13E	10	4.9b,4.6			
ISCJB	III	09 22 32 29.8-3.4	10.67N-06	94.20E-07	33	4.8s,4.7b			
MOS	III	09 22 32 29.8-8.6	10.70N	94.25E	33	5.1b,4.7b			
ISC	Event type se.								
SZGRF	Andaman Islands, India, region.								
IDC	Error ellipse: s-maj=20.1km s-min=14.1km az=62.0.								
NEIC	Event type se. Error ellipse: s-maj=10.2km s-min=6.0km az=59.0.								
ISCJB	Event type se. Error ellipse: s-maj=11.2km s-min=6.5km az=117.6.								
MOS	Error ellipse: s-maj=15.5km s-min=7.7km az=112.1.								
ISC	III	09 23 00 25.9-2.8	10.73N-04	94.15E-04	32	4.6s,4.6b	148	2-162	
IDC	III	09 23 00 19.9-5.0	10.79N	94.21E	0	4.6s,4.6		¶10600684	
BJI	III	09 23 00 21.3	10.38N	94.13E	30	5.1b,4.9s			
NEIC	III	09 23 00 22.1-3.2	10.72N	94.17E	10	4.8b,4.9s			
ISCJB	III	09 23 00 23.3-2.8	10.68N-04	94.16E-04	31	4.6s,4.6b			
MOS	III	09 23 00 24.0-1.6	10.78N	94.24E	33	5.0b,4.6b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=20.0km s-min=13.5km az=60.0.								
NEIC	Event type se. Error ellipse: s-maj=14.4km s-min=6.4km az=56.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.9km s-min=4.6km az=106.9.								
MOS	Error ellipse: s-maj=13.4km s-min=5.9km az=111.8.								
ISC	III	10 04 34 06.7-3.0	10.58N-04	94.29E-04	24	4.7s,4.6b	146	2-167	
IDC	III	10 04 34 02.6-5.1	10.59N	94.16E	0	4.4,4.4b		¶10600844	
BJI	III	10 04 34 02.8	10.24N	94.21E	29	5.2b,4.9s			
ISCJB	III	10 04 34 04.0-3.0	10.49N-04	94.20E-04	23	4.7s,4.6b			
NEIC	III	10 04 34 05.9-2.2	10.53N	94.26E	22	4.8b,4.6b			
MOS	III	10 04 34 05.3-9.7	10.51N	94.24E	33	5.0b,4.6b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=19.2km s-min=13.1km az=55.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.9km s-min=5.4km az=89.2.								
NEIC	Event type se. Error ellipse: s-maj=8.3km s-min=4.6km az=56.0.								
MOS	Error ellipse: s-maj=12.9km s-min=5.7km az=110.0.								
ISC	III	10 07 04 41.8-7.3	10.65N-10	94.3E-10	35	4.1b,4.1s	29	2-92	
IDC	III	10 07 04 35.6-1.3	10.46N	93.97E	0	4.1,4.0s		¶10600902	
BJI	III	10 07 04 35.5	10.08N	94.02E	41	4.5b,4.3b			
NEIC	III	10 07 04 37.9-6.4	10.53N	94.22E	10	4.4b,4.3b			
ISCJB	III	10 07 04 39.9-6.2	10.68N-07	94.41E-07	33	4.1b,4.1s			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	III	10 12 03 59.0-2.2	10.73N-03	94.46E-03	24	4.7b,4.7s	191	2-162	
IDC	III	10 12 03 54.4-4.3	10.68N	94.39E	0	4.6s,4.6		¶10601104	

ISCJB	III	10 12 03 56.5-2.2	10.70N-03	94.46E-03	23	4.7b,4.7s			
BJI	III	10 12 03 56.8	10.66N	94.29E	25	5.2b,5.0s			
MOS	III	10 12 03 58.2-9.1	10.77N	94.43E	33	5.0b,5.0s			
HRVD	III	10 12 03 58.2-2.0	10.79N	94.53E	12	5.2W,5.0s			
NEIC	III	10 12 03 58.2-2.0	10.69N	94.40E	22	5.0b,5.0s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=18.2km s-min=11.8km az=57.0.								
ISCJB	Event type se. Error ellipse: s-maj=4.9km s-min=3.8km az=92.4.								
MOS	Error ellipse: s-maj=11.4km s-min=5.8km az=112.8.								
HRVD	Error ellipse: s-maj=2.2km s-min=1.1km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s65,c96; Mantle waves: s94,c164; Half duration: 1.0 Moment tensor: Scale 1016Nm; Mr=6.13±1.5 Mm=5.98±1.3; Mm=0.15±0.17; Mm=0.3±0.41; Mm=1.92±1.2; Mr=0.81±0.47; Best double couple: NP1:0.70,0.00000; s29,0.00000; λ-96.00000; NP2:0.256,0.00000; s61,0.00000; λ-87.00000; Principal axes: T 7.7630,Plg16.0000; Azm344.0000; N -0.4070,Plg3.0000; Azm75.0000; P -7.3550,Plg73.0000; Azm174.0000; M7.55900x10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=9.0km s-min=4.2km az=56.0.								
ISC	III	10 20 04 09.8-3.2	10.67N-04	94.23E-05	27	4.5b,4.2s	134	2-149	
IDC	III	10 20 04 05.1-5.3	10.67N	94.08E	0	4.3,4.2b		¶10601400	
BJI	III	10 20 04 06.0	10.43N	94.14E	32	4.9b,4.6s			
ISCJB	III	10 20 04 07.1-3.2	10.62N-04	94.20E-05	25	4.5b,4.2s			
NEIC	III	10 20 04 08.6-3.0	10.64N	94.20E	22	4.6b,4.2s			
MOS	III	10 20 04 08.1-7.8	10.67N	94.19E	33	4.8b,4.2s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=25.8km s-min=12.3km az=52.0.								
ISCJB	Event type se. Error ellipse: s-maj=7.5km s-min=5.0km az=94.0.								
NEIC	Event type se. Error ellipse: s-maj=13.0km s-min=5.0km az=55.0.								
MOS	Error ellipse: s-maj=14.5km s-min=6.0km az=111.5.								
ISC	III	10 20 45 43.1-4.9	10.66N-06	94.34E-05	23	4.3b,4.0s	75	2-147	
IDC	III	10 20 45 39.0-6.3	10.66N	94.14E	0	4.1,4.1		¶10601430	
ISCJB	III	10 20 45 40.9-4.5	10.63N-06	94.28E-06	22	4.3b,4.0s			
BJI	III	10 20 45 40.4	10.42N	94.18E	30	4.7b,4.2s			
NEIC	III	10 20 45 42.6-4.0	10.63N	94.24E	21	4.6b,4.2s			
MOS	III	10 20 45 42.2-8.9	10.69N	94.33E	33	4.8b,4.2s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=26.3km s-min=15.6km az=58.0.								
ISCJB	Event type se. Error ellipse: s-maj=9.0km s-min=7.7km az=78.3.								
NEIC	Event type se. Error ellipse: s-maj=13.3km s-min=7.4km az=60.0.								
MOS	Error ellipse: s-maj=15.8km s-min=7.6km az=110.2.								
ISC	III	10 22 00 31.8-8.8							

NEIC	II	05 13 27 26.6-1.2	10.37N	94.32E	30	4.4b,3.7			
ISC		Event type se.							
IDC		Error ellipse: s-maj=61.6km s-min=19.5km az=59.0.							
ISCJB		Event type se. Error ellipse: s-maj=58.2km s-min=14.5km az=106.0.							
NEIC		Event type se. Error ellipse: s-maj=55.7km s-min=13.8km az=55.0.							
ISC	II	05 13 40 34.0-23	10.92N-04	91.77E-03	31	4.8b,4.1s	314	1-160	
NAO	II	05 13 40 03.8	4.26N	91.14E	33	4.8b,4.1s			18079890
IDC	II	05 13 40 27.8-38	10.76N	92.00E	0	4.8,4.8			
ISCJB	II	05 13 40 31.5-23	10.88N-04	91.79E-03	29	4.8b,4.1s			
MOS	II	05 13 40 32.1-78	10.92N	91.86E	33	5.2b,1.1s			
NEIC	II	05 13 40 33.1-18	10.90N	91.83E	29	4.9b,4.1s			
HRVD	II	05 13 40 33.1-40	11.03N	91.75E	16-1	4.8W,4.1s			
SZGRF	II	05 13 40 34.4	10.74N	91.47E	31	4.7b,4.1s			
BJI	II	05 13 40 34.4	10.95N	91.87E	50	5.0b,5.0b			
ISC		Event type se.							
IDC		Error ellipse: s-maj=18.3km s-min=8.9km az=45.0.							
ISCJB		Event type se. Error ellipse: s-maj=5.2km s-min=4.4km az=40.9.							
MOS		Error ellipse: s-maj=9.7km s-min=4.3km az=117.3.							
NEIC		Event type se. Error ellipse: s-maj=6.2km s-min=4.2km az=49.0.							
HRVD		Error ellipse: s-maj=2.2km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s19,c21; Mantle waves: s50,c80; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=1.90±.16 Mw=0.17±.09; Ms=2.07±.12; M=0.23±.12; M=0.23±.12; M=0.67±.25; Best double couple: NP1:φ=359.00000°,δ36.00000°,λ-100.00000°. NP2:φ=192.00000°,δ85.00000°,λ-83.00000°. Principal axes: T 2.2120,Plg10.0000°,Az=277.00000°; N 0.1760,Plg6.0000°,Az=8.00000°; P -2.0390,Plg79.0000°,Az=129.00000° M=2.12600×1016							
SZGRF		Andaman Islands, India, region.							
IDC	II	06 07 04 02.9-6.8	10.79N	91.69E	0	4.5s,4.5			19569988
IDC	II	09 05 44 55.4-7.6	10.39N	93.71E	0	4.0,4.0			19570291
IDC	II	10 20 50 05.6-2.3	10.81N	91.75E	0	3.5,3.4b			19570424
IDC	II	13 04 59 00.3-9.2	10.62N-20	91.4E-20	28	3.6b	10	11-74	
ISCJB	II	13 04 58 57.0-99	10.5N-20	91.2E-20	26	3.6b			19570669
IDC	II	13 04 59 00.1-1.5	10.70N	91.53E	24-5	3.7,3.6			
ISCJB		Error ellipse: s-maj=43.5km s-min=12.7km az=100.0.							
IDC	II	14 06 47 16.6-7.8	12.28N	92.82E	0	3.8,3.6b			19570804
IDC	II	14 12 48 57.4-7.9	10.88N	91.93E	0	3.6,3.4b			19570823
IDC	II	18 01 24 48.9-9.2	12.33N	91.20E	0	3.6,3.4b			19571228
IDC	II	02 08 38 00.1-1.0	14.1N-20	91.7E-10	35	3.7b	6	8-56	
ISCJB	II	02 08 37 55.5-3.3	14.15N	91.91E	0	3.9,3.6b			19569491
ISCJB	II	02 08 37 56.9-1.1	14.0N-20	91.6E-10	33	3.7b,3.6b			
IDC	II	23 05 45 25.5-1.1	13.55N	92.80E	0	4.0,3.8b			19579397
IDC	II	23 16 29 47.4-2.9	12.50N	96.15E	0	3.6,3.5b			19579459
IDC	IV	26 11 06 42.7-3.7	12.52N	91.63E	0	3.8,3.6b			19598023
IDC	IV	27 15 35 24.3-13	13.32N	92.29E	0	3.6,3.4b			19598094
IDC	V	08 22 36 34.7-9.5	10.1N-10	92.1E-20	35	4.2b	14	10-63	
ISCJB	V	08 22 36 28.8-3.4	10.02N	91.99E	0	4.3,4.1b			19131035
ISCJB	V	08 22 36 32.5-9.5	10.1N-10	92.2E-20	33	4.2b,4.1b			
NEIC	V	08 22 36 33.8-6.0	10.08N	92.09E	30	4.4b,4.1b			
ISC		Event type se.							
IDC		Error ellipse: s-maj=138.9km s-min=22.4km az=66.0.							
ISCJB		Event type se. Error ellipse: s-maj=29.7km s-min=11.7km az=137.0.							
NEIC		Event type se. Error ellipse: s-maj=19.2km s-min=7.6km az=69.0.							
IDC	V	24 20 41 57.7-8.5	13.62N	92.92E	0	3.7,3.6b			19599355
IDC	V	22 23 32 07.1-8.6	10.4N-10	92.2E-20	35	4.4b	26	11-93	
ISCJB	V	22 23 32 06.2-1.1	10.7N-20	92.6E-30	33	4.4b			18648017
BJI	V	22 23 32 06.0	10.49N	92.44E	40	4.4b			
NEIC	V	22 23 32 08.0-1.2	10.79N	92.81E	30	4.1b			
IDC	V	22 23 32 11.1-1.2	12.06N	95.06E	0	4.5,4.3b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=43.1km s-min=8.4km az=115.9.							
NEIC		Event type se. Error ellipse: s-maj=54.4km s-min=9.5km az=63.0.							
IDC		Error ellipse: s-maj=78.0km s-min=18.4km az=55.0.							
ISC	V	25 06 50 01.8-1.1	10.48N-03	91.78E-03	24-8	4.6b,4.5s	130	2-147	
IDC	V	25 06 49 58.7-60	10.16N	91.56E	0	4.4s,4.4			18495077
ISCJB	V	25 06 49 58.9-1.1	10.38N-04	91.69E-04	24-8	4.6b,4.5s			
BJI	V	25 06 49 58.4	10.00N	91.86E	32	5.0b,4.8s			
MOS	V	25 06 50 01.3-1.4	10.45N	91.93E	33	5.0b,4.5s			
NEIC	V	25 06 50 02.2-3.6	10.44N	91.80E	30	4.8b,4.5s			
HRVD	V	25 06 50 02.2-4.0	10.18N	91.62E	12	4.9W,4.5s			
ISC		Event type se.							
IDC		Error ellipse: s-maj=26.6km s-min=13.5km az=58.0.							
ISCJB		Event type se. Error ellipse: s-maj=7.1km s-min=5.0km az=79.7.							
MOS		Error ellipse: s-maj=14.1km s-min=6.6km az=109.3.							
NEIC		Event type se. Error ellipse: s-maj=14.8km s-min=5.6km az=57.0.							
HRVD		Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s19,c21; Mantle waves: s65,c102; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr=0.43±.09 Mw=2.06±.06; M=2.49±.08; M=0.92±.21; M=1.20±.07; M=0.68±.23; Best double couple: NP1:φ=57.00000°,δ67.00000°,λ168.00000°. NP2:φ=151.00000°,δ79.00000°,λ23.00000°. Principal axes: T 2.8310,Plg24.0000°,Az=161.00000°; N 0.0180,Plg64.0000°,Az=175.00000°; P -2.8490,Plg8.0000°,Az=282.00000° M=2.84000×1016							
IDC	V	14 20 05 41.7-2.1	11.18N	93.74E	0	4.0,3.7b			19598891
IDC	V	31 17 07 58.9-6.4	11.87N	93.34E	0	3.9,3.7b			19599628
IDC	V	14 15 33 20.4-9.1	14.37N-10	93.05E-05	35	4.2s,3.8b	32	3-89	
IDC	V	14 15 33 14.3-89	14.25N	93.93E	0	4.1s,4.1			18480838
BJI	V	14 15 33 15.2	14.00N	93.00E	30	4.6b,4.2b			
NEIC	V	14 15 33 15.2-86	13.95N	93.01E	30	4.0b,4.2b			
ISCJB	V	14 15 33 17.1-96	14.2N-10	92.99E-06	33	4.2s,3.8b			
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	V	22 10 09 52.3-50	13.03N-07	92.55E-07	33	4.3b,3.4s	63	1-91	
IDC	V	22 10 09 46.9-66	12.99N	92.42E	0	4.3,4.2			110698560
MOS	V	22 10 09 47.7-96	12.65N	92.36E	33	4.6b,4.2			
BJI	V	22 10 09 47.2	12.49N	92.66E	36	4.6b,4.5b			
ISCJB	V	22 10 09 49.6-50	12.98N-07	92.55E-07	31	4.3b,3.4s			
NEIC	V	22 10 09 50.4-64	12.78N	92.24E	30	4.3b,3.4s			
ISC		Event type se.							
IDC		Error ellipse: s-maj=35.5km s-min=13.8km az=51.0.							
MOS		Error ellipse: s-maj=27.1km s-min=9.0km az=105.5.							
ISCJB		Event type se. Error ellipse: s-maj=12.3km s-min=7.7km az=82.6.							
NEIC		Event type se. Error ellipse: s-maj=29.6km s-min=7.9km az=57.0.							
ISC	I	15 06 35 27.2-43	13.68N-06	92.80E-05	35	4.1b	64	2-134	

ISCJB	I	15 06 35 24.7-48	13.63N-06	92.78E-05	33	4.1b			18078671
MOS	I	15 06 35 25.3-50	13.65N	92.68E	33	4.6b			
NEIC	I	15 06 35 25.8-61	13.60N	92.73E	33	4.2b			
IDC	I	15 06 35 26.3-62	13.54N	92.88E	33-3	4.0,4.0			
BJI	I	15 06 35 32.8	13.00N	93.65E	54	4.7b,4.3b			
ISC		Event type se.							
ISCJB		Event type se. Error ellipse: s-maj=9.5km s-min=6.3km az=44.6.							
MOS		Error ellipse: s-maj=25.1km s-min=12.2km az=111.4.							
NEIC		Event type se. Error ellipse: s-maj=16.1km s-min=8.4km az=53.0.							
IDC		Error ellipse: s-maj=17.0km s-min=14.3km az=65.0.							
IDC	I	26 04 10 29.1-3.7	10.56N	91.56E	0	3.8,3.6b			19486152
IDC		Error ellipse: s-maj=134.8km s-min=28.8km az=63.0.							
ISC	I	02 14 00 31.0-1.1	12.44N-10	92.6E-20	35	4.2b	13	17-74	
IDC	I	02 14 00 24.1-3.0	12.32N	92.35E	0	3.9,3.7b			19476691
ISCJB	I	02 14 00 28.5-1.0	12.38N-10	92.6E-20	33	4.2b,3.7b			
NEIC	I	02 14 00 30.2-9.1	12.44N	92.63E	30	4.6b,3.7b			
ISC		Event type se.							
IDC		Error ellipse: s-maj=124.5km s-min=26.9km az=67.0.							
ISCJB		Event type se. Error ellipse: s-maj=28.0km s-min=12.5km az=151.8.							
NEIC		Event type se. Error ellipse: s-maj=25.3km s-min=11.2km az=75.0.							
ISC	I	06 04 25 06.2-15	12.20N-03	95.18E-03	26	5.4b,5.1s	512	2-166	
SZGRF	I	06 04 24 56.6	10.34N	95.60E	26	5.3b,5.1s			18012136
IDC	I	06 04 24 59.7-34	12.22N	95.17E	0	5.2,5.2			
CRAAG	I	06 04 25 02.6	12.32N	95.10E	2	5.6b,5.2			
ISCJB	I	06 04 25 04.1-15	12.21N-03	95.18E-03	25	5.4b,5.1s			
BJI	I	06 04 25 04.4	11.94N	95.04E	44	5.6b,5.5s			
MOS	I	06 04 25 05.8-1.1	12.33N	95.16E	33	5.6b,5.2s			
NEIC	I	06 04 25 05.8-15	12.24N	95.20E	25	5.5b,4.8s			
HRVD	I	06 04 25 05.8-30	12.06N	95.20E	12	5.4W,4.8s			
ISC		Event type se.							
SZGRF		Andaman Islands, India, region.							
IDC		Error ellipse: s-maj=14.0km s-min=9.1km az=59.0.							
ISCJB		Event type se. Error ellipse: s-maj=4.2km s-min=3.1km az=78.2.							
MOS		Error ellipse: s-maj=9.3km s-min=4.4km az=116.4.							
NEIC		Event type se. Error ellipse: s-maj=6.5km s-min=4.2km az=220.0.							
HRVD		Error ellipse: s-maj=3.3km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s33,c49; Mantle waves: s65,c118; Half duration: 1/2 Moment tensor: Scale 1017Nm; Mr=0.99±.06 Mw=0.52±.04; M=0.47±.05; M=0.70±.14; M=1.06±.04; M=0.38±.15; Best double couple: NP1:φ=15.00000°,δ50.00000°,λ-140.00000°. NP2:φ=257.00000°,δ61.00000°,λ-47.00000°. Principal axes: T 1.5810,Plg6.0000°,Az=318.00000°; N 0.0000,Plg36.0000°,Az=52.00000°; P -1.5800,Plg53.0000°,Az=220.00000° M=1.58000×1017							
ISC	I	19 23 25 57.1-65	13.6N-10	92.7E-10	35	3.8b	17	2-88	
IDC	I	19 23 25 51.4-90	13.51N	92.73E	0	4.0,3.8			19483945
ISCJB	I	19 23 25 54.5-66	13.6N-10	92.7E-10	33	3.8b,3.8			
NEIC	I	19 23 25 55.9-52	13.56N	92.74E	30	3.9b,3.8			
ISC		Event type se.							
IDC		Error ellipse: s-maj=33.5km s-min=21.5km az=66.0.							
ISCJB		Event type se. Error ellipse: s-maj=21.3km s-min=9.6km az=98.3.							
NEIC		Event type se. Error ellipse: s-maj=20.0km s-min=9.3km az=65.0.							
ISC	I	21 04 07 04.0-12	13.03N-02	93.28E-02	43	5.8b,5.2s	995	1-170	
CRAAG	I	21 04 06 56.7	13.01N	93.41E	26	5.9b,5.2s			18078976
SZGRF	I	21 04 06 56.3	12.44N	93.88E	33	5.8b,5.2s			
DHMR	I	21 04 07 00.7	13.10N	93.41E	10	5.8b,5.2s			
ISCJB	I	21 04 07 01.9-12	13.03N-02	93.28E-02	42	5.8b,5.2s			
MOS	I	21 04 07 01.4-87	13.03N	93.31E	40	6.0b,5.2s			
BJI	I	21 04 07 02.6	12.96N	93.30E	56	5.9b,5.7b			
NEIC	I	21 04 07 03.7-08	13.00N	93.25E	44	5.8b,5.6W			
HRVD	I	21 04 07 04.7-20	13.10N	93.23E	39	5.6W,5.6W			
IDC	I	21 04 07 04.9-1.1	13.03N	93.27E	53-8	5.7,5.5			
BGS	I	21 04 07 13.4-1.5	14.48N	91.78E					

ISCJB	Event type se. Error ellipse: s-maj=25.4km s-min=12.4km az=88.3.								
IDC	Error ellipse: s-maj=82.0km s-min=18.7km az=67.0.								
NEIC	Event type se. Error ellipse: s-maj=28.4km s-min=15.1km az=75.0.								
IDC	I 29 15 14 00.8-4.3 10.76N 90.76E 0 3.6,3.5b								
IDC	Error ellipse: s-maj=154.3km s-min=33.5km az=63.0.								
ISC	V 29 06 44 48.5-84 11.9N-10 92.2E-20 35 3.8b								
IDC	V 29 06 44 43.7-11 11.8N 92.36E 0 3.9,3.9								
ISCJB	V 29 06 44 45.7-85 11.8N-10 92.1E-20 33 3.8b,3.9								
ISC	V 31 17 44 19.3-2.5 10.3N-30 91.7E-60 35 3.9b								
IDC	V 31 17 44 14.1-3.2 10.31N 91.73E 0 4.0,3.8b								
ISCJB	V 31 17 44 16.7-2.5 10.3N-30 91.7E-70 33 3.9b,3.8b								
NEIC	V 31 17 44 18.4-2.0 10.30N 91.72E 30 4.1b,3.8b								
ISC	Event type se.								
IDC	Error ellipse: s-maj=130.6km s-min=20.7km az=64.0.								
ISCJB	Event type se. Error ellipse: s-maj=103.7km s-min=14.7km az=124.1.								
NEIC	Event type se. Error ellipse: s-maj=86.1km s-min=12.3km az=62.0.								
IDC	III 10 04 03 45.1-1.3 10.42N 94.01E 0 4.0,3.9b								
IDC	Error ellipse: s-maj=58.1km s-min=26.3km az=56.0.								
IDC	III 10 04 04 52.5--89 10.73N 94.20E 0 4.2,4.0b								
IDC	Error ellipse: s-maj=44.5km s-min=20.4km az=56.0.								
ISC	VI 01 18 54 31.9--27 10.89N--04 92.79E--03 34 4.6b,3.9s								
SZGRF	VI 01 18 54 25.3 10.25N 93.88E 33 4.7b,3.9s								
IDC	VI 01 18 54 26.3--45 10.89N 92.82E 0 4.6,4.5								
ISCJB	VI 01 18 54 29.4--26 10.86N--03 92.81E--03 32 4.6b,3.9s								
BUI	VI 01 18 54 31.5 10.89N 92.77E 40 4.9b,4.6b								
MOS	VI 01 18 54 31.8--1.1 10.97N 92.82E 48 5.0b,4.6b								
NEIC	VI 01 18 54 31.9--96 10.89N 92.82E 37--8 4.8b,4.6b								
ISC	Event type se.								
SZGRF	Andaman Islands, India, region.								
IDC	Error ellipse: s-maj=22.6km s-min=11.4km az=54.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.2km s-min=4.0km az=59.2.								
MOS	Error ellipse: s-maj=10.8km s-min=5.3km az=110.1.								
NEIC	Event type se. Error ellipse: s-maj=9.5km s-min=4.6km az=49.0.								
ISC	VI 03 13 01 15.3--21 13.02N--03 92.42E--03 40 4.6b,3.7s								
IDC	VI 03 13 01 08.9--43 13.00N 92.47E 0 4.6,4.6								
ISCJB	VI 03 13 01 12.8--21 12.97N--03 92.41E--03 38 4.6b,3.7s								
MOS	VI 03 13 01 12.4--79 13.09N 92.56E 33 4.8b,3.7s								
NEIC	VI 03 13 01 14.7--16 13.03N 92.51E 39 4.7b,3.7s								
BUI	VI 03 13 01 16.2 12.82N 92.61E 53 4.9b,4.5b								
SZGRF	VI 03 13 01 19.4 14.37N 92.64E 33 4.8b,4.5b								
ISC	Event type se.								
IDC	Error ellipse: s-maj=18.1km s-min=11.3km az=51.0.								
ISCJB	Event type se. Error ellipse: s-maj=4.7km s-min=3.7km az=58.0.								
MOS	Error ellipse: s-maj=10.6km s-min=5.3km az=118.0.								
NEIC	Event type se. Error ellipse: s-maj=5.7km s-min=3.4km az=55.0.								
SZGRF	Andaman Islands, India, region.								
ISC	IV 21 02 00 42.0-2.6 11.7N-10 92.4E-20 101-24 3.7b								
IDC	IV 21 02 00 29.1--96 11.49N 92.12E 0 4.0,3.8b								
NEIC	IV 21 02 00 33.7--58 11.51N 92.17E 30 4.0,3.8b								
ISCJB	IV 21 02 00 37.1--3.4 11.4N--10 92.1E--10 80--31 3.7b,3.8b								
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	IV 24 06 49 12.7--28 13.29N--04 92.59E--03 28 4.4b,3.9s								
IDC	IV 24 06 49 07.5--54 13.22N 92.60E 0 4.4,4.3								
BUI	IV 24 06 49 08.7 13.07N 92.60E 39 4.9b,4.5b								
ISCJB	IV 24 06 49 10.2--28 13.26N--04 92.59E--03 27 4.4b,3.9s								
MOS	IV 24 06 49 10.6--73 13.24N 92.71E 33 4.8b,3.9s								
NEIC	IV 24 06 49 12.3--29 13.30N 92.62E 28 4.5b,3.9s								
ISC	Event type se.								
IDC	Error ellipse: s-maj=27.1km s-min=11.2km az=52.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.4km s-min=4.0km az=49.7.								
MOS	Error ellipse: s-maj=17.0km s-min=7.4km az=120.0.								
NEIC	Event type se. Error ellipse: s-maj=11.1km s-min=5.9km az=48.0.								
ISC	IV 03 05 55 16.5--50 11.57N--06 93.62E--06 35 3.9b								
IDC	IV 03 05 55 09.0--2.4 11.39N 93.08E 0 3.9,3.7b								
ISCJB	IV 03 05 55 13.9--50 11.51N--07 93.60E--07 33 3.9b,3.7b								
NEIC	IV 03 05 55 16.2--60 11.69N 93.78E 30 4.2b,3.7b								
ISC	Event type se.								
IDC	Error ellipse: s-maj=112.8km s-min=18.9km az=61.0.								
ISCJB	Event type se. Error ellipse: s-maj=11.0km s-min=7.4km az=88.1.								
NEIC	Event type se. Error ellipse: s-maj=19.0km s-min=8.8km az=52.0.								
ISC	IV 04 13 06 47.5--68 13.65N--10 92.8E--20 26 4.1b								
IDC	IV 04 13 06 43.0--93 13.55N 92.78E 0 4.1,4.0b								
ISCJB	IV 04 13 06 44.9--69 13.6N--10 92.8E--20 25 4.1b,4.0b								
NEIC	IV 04 13 06 47.0--58 13.61N 92.83E 26 4.4b,4.0b								
ISC	Event type se.								
IDC	Error ellipse: s-maj=41.6km s-min=18.4km az=64.0.								
ISCJB	Event type se. Error ellipse: s-maj=24.9km s-min=11.2km az=128.8.								
NEIC	Event type se. Error ellipse: s-maj=20.3km s-min=9.8km az=65.0.								

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ISC	IV 12 23 51 47.2--51 9.96N--09 93.9E--10 35 4.0b,2.8s								
ISCJB	IV 12 23 51 44.7--50 9.94N--09 93.96E--09 33 4.0b,2.8s								
NEIC	IV 12 23 51 45.9--48 9.93N 93.81E 30 4.0b,2.8s								
IDC	IV 12 23 51 47.9--3.8 9.95N 93.92E 48--37 3.9,3.9								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=16.4km s-min=7.1km az=95.5.								
NEIC	Event type se. Error ellipse: s-maj=23.1km s-min=8.4km az=60.0.								
IDC	Error ellipse: s-maj=30.6km s-min=14.1km az=59.0.								
ISC	IV 11 14 35 40.5--72 6.3N--10 92.8E--10 35 3.8b								
IDC	IV 11 14 35 35.1--1.2 6.32N 92.81E 0 3.8,3.7b								
ISCJB	IV 11 14 35 37.9--72 6.3N--10 92.8E--10 33 3.8b,3.7b								
NEIC	IV 11 14 35 39.5--53 6.31N 92.83E 30 4.4b,3.7b								
ISC	Event type se.								
IDC	Error ellipse: s-maj=53.6km s-min=19.5km az=52.0.								
ISCJB	Event type se. Error ellipse: s-maj=23.2km s-min=13.5km az=73.8.								
NEIC	Event type se. Error ellipse: s-maj=17.5km s-min=10.2km az=217.0.								
ISC	IV 13 16 34 26.3--4.3 6.72N--10 92.5E--10 22--34 4.1b								
ISCJB	IV 13 16 34 21.7--6.0 6.7N--10 92.5E--10 6--40 4.1b								
IDC	IV 13 16 34 22.2--1.2 7.05N 92.68E 0 4.1,3.9b								
NEIC	IV 13 16 34 26.8--54 6.76N 92.56E 30 4.2b,3.9b								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=24.9km s-min=9.4km az=101.8.								
IDC	Error ellipse: s-maj=63.3km s-min=20.5km az=52.0.								
NEIC	Event type se. Error ellipse: s-maj=18.1km s-min=7.3km az=52.0.								
ISC	IV 12 15 37 21.2--3.5 8.6N--10 92.3E--20 38--35 3.9b								
IDC	IV 12 15 37 15.4--1.1 8.63N 92.29E 0 4.0,3.8b								
ISCJB	IV 12 15 37 19.7--4.3 8.6N--10 92.2E--10 49--41 3.9b,3.8b								
NEIC	IV 12 15 37 20.0--61 8.62N 92.38E 30 4.3b,3.8b								
ISC	Event type se.								
IDC	Error ellipse: s-maj=46.7km s-min=19.5km az=61.0.								
ISCJB	Event type se. Error ellipse: s-maj=26.1km s-min=13.0km az=89.1.								
NEIC	Event type se. Error ellipse: s-maj=24.9km s-min=8.0km az=61.0.								
ISC	IV 14 10 26 10.1--23 9.41N--03 93.13E--03 40 4.8b,4.2s								
SZGRF	IV 14 10 26 03.9 8.68N 94.05E 40 4.8b,4.2s								
BUI	IV 14 10 26 05.4 9.06N 92.97E 44 5.0b,4.9b								
ISCJB	IV 14 10 26 07.6--22 9.35N--03 93.09E--03 38 4.8b,4.2s								
MOS	IV 14 10 26 07.4--1.0 9.51N 93.22E 33 5.2b,4.2s								
HRVD	IV 14 10 26 09.5--50 9.60N 92.90E 62--2 5.0W,4.2s								
NEIC	IV 14 10 26 09.5--21 9.41N 93.22E 39 4.9b,4.2s								
IDC	IV 14 10 26 10.7--1.6 9.50N 93.22E 47--14 4.6,4.5								
ISC	Event type se.								
SZGRF	Nicobar Islands, India, region.								
ISCJB	Event type se. Error ellipse: s-maj=4.9km s-min=3.6km az=67.1.								
MOS	Error ellipse: s-maj=10.1km s-min=5.2km az=112.3.								
HRVD	Error ellipse: s-maj=4.4km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s24,c28; Mantle waves: s53,c69;Half duration: 0 Moment tensor: Scale 10 ¹⁶								

Nm; M=3.05±25 M ₀ =1.07±21; M ₀ =4.12±23; M ₀ =1.11±14; M ₀ =1.28±23; M ₀ =0.85±19; Best double couple: NP1:φ9 00000°,δ41 00000°,λ124.00000°; NP2:φ147 00000°,δ57 00000°,λ64.00000°; Principal axes: T 3.5560,Plg
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IDC	Error ellipse: s-maj=61.5km s-min=17.7km az=56.0.								
ISCJB	Event type se. Error ellipse: s-maj=21.0km s-min=9.0km az=83.7.								
NEIC	Event type se. Error ellipse: s-maj=17.8km s-min=8.8km az=47.0.								
MOS	Error ellipse: s-maj=22.4km s-min=15.8km az=112.4.								
IDC	IV 09 12 05 36.9-2.2 1.34N 96.94E 0 3.5,3.4b								
IDC	Error ellipse: s-maj=55.0km s-min=29.5km az=61.0.								
IDC	IV 10 07 14 39.0-1.8 1.45N 96.91E 0 3.9,3.8b								
IDC	Error ellipse: s-maj=51.0km s-min=26.8km az=42.0.								
ISC	III 01 14 36 03.5-21 2.68N-03 95.90E-03 25 5.2b,4.5s 287 3-159								
SZGRF	III 01 14 35 52.0 1.75N 98.82E 33 5.0b,4.5s								
BJI	III 01 14 36 00.5 2.56N 95.96E 27 5.4b,5.4b								
ISCJB	III 01 14 36 01.0-21 2.66N-03 95.91E-03 24 5.2b,4.5s								
HRVD	III 01 14 36 02.5-70 2.62N 95.44E 26-2 5.0W,4.5S								
IDC	III 01 14 36 02.2-63 2.64N 95.88E 20-3 4.8,4.8								
MOS	III 01 14 36 02.9-97 2.79N 95.99E 33 5.3b,4.8								
NEIC	III 01 14 36 02.5-16 2.67N 95.90E 20 5.1b,4.3s								
ISC	Event type se.								
SZGRF	Northern Sumatera, Indonesia.								
ISCJB	Event type se. Error ellipse: s-maj=5.0km s-min=3.7km az=56.2.								
HRVD	Error ellipse: s-maj=5.6km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s26,c32; Mantle waves: s43,c58; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr:2.27±.26 Mw:0.46±.13; Mww:1.81±.18; Mw0.69±.21; Mw0.47±.09; Mw:2.58±.33; Best double couple: NP1:φ:341.00000°; δ19.00000°; λ87.00000°; NP2:φ:164.00000°; δ71.00000°; λ91.00000°. Principal axes: T 3.5640,Plg64.0000°,AzM76.0000°; N -0.3140,Plg1.0000°,AzM344.0000°; P -3.2510,Plg26.0000°,AzM254.0000°; M:3.40700×10 ¹⁶								
IDC	Error ellipse: s-maj=15.6km s-min=10.6km az=37.0.								
MOS	Error ellipse: s-maj=9.4km s-min=4.9km az=110.1.								
NEIC	Event type se. Error ellipse: s-maj=5.3km s-min=3.6km az=214.0.								
IDC	VI 15 10 29 37.5-1.9 1.09N 96.91E 0 3.8,3.7b								
IDC	Error ellipse: s-maj=53.4km s-min=23.3km az=60.0.								
ISC	III 19 04 36 27.7-22 2.99N-04 94.03E-03 29 5.0b,4.7s 245 5-172								
IDC	III 19 04 36 22.6-42 2.95N 93.97E 0 4.9,4.9								
BJI	III 19 04 36 24.7 2.99N 94.09E 23 5.1b,5.0s								
SZGRF	III 19 04 36 25.9 2.94N 94.54E 30 5.2b,5.0s								
ISCJB	III 19 04 36 25.3-21 2.97N-04 94.03E-03 28 5.0b,4.7s								
MOS	III 19 04 36 26.5-80 3.06N 94.03E 33 5.3b,4.7s								
HRVD	III 19 04 36 27.2-90 2.78N 94.01E 15-3 5.0W,4.7s								
NEIC	III 19 04 36 27.2-14 2.94N 93.97E 28 5.1b,4.7s								
ISC	Event type se.								
IDC	Error ellipse: s-maj=18.4km s-min=11.0km az=39.0.								
SZGRF	Off west coast of northern Sumatera, Indonesia.								
ISCJB	Event type se. Error ellipse: s-maj=5.4km s-min=4.0km az=58.9.								
MOS	Error ellipse: s-maj=10.9km s-min=5.7km az=119.1.								
HRVD	Error ellipse: s-maj=8.9km s-min=8.9km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s5,c6; Mantle waves: s30,c35; Half duration: 0 Moment tensor: Scale 1016 Nm; Mr:4.20±.74 Mw:1.80±.41; Mww:2.40±.53; Mw:0.54±1.64; Mw:0.38±.30; Mw:1.25±1.95; Best double couple: NP1:φ:154.00000°; δ34.00000°; λ89.00000°; NP2:φ:335.00000°; δ56.00000°; λ91.00000°. Principal axes: T 4.4640,Plg79.0000°,AzM247.0000°; N -1.6150,Plg0.0000°,AzM155.0000°; P -2.8480,Plg11.0000°,AzM65.0000°; M:3.65600×10 ¹⁶								
NEIC	Event type se. Error ellipse: s-maj=6.1km s-min=3.3km az=212.0.								
IDC	III 12 04 24 18.0-7.1 3.66N 95.55E 0 3.9,3.7b								
IDC	Error ellipse: s-maj=351.9km s-min=30.1km az=56.0.								
ISC	III 02 18 06 10.8-5.4 2.4N-10 95.93E-07 12-34 4.2b 19 3-81								
IDC	III 02 18 06 08.4-1.5 2.43N 95.91E 0 4.0,3.9b								
ISCJB	III 02 18 06 11.8-3.5 2.4N-20 95.9E-10 34-28 4.2b,3.9b								
NEIC	III 02 18 06 16.0-2.5 2.52N 96.13E 52-19 4.4b,3.9b								
ISC	Event type se.								
IDC	Error ellipse: s-maj=44.6km s-min=19.3km az=46.0.								
ISCJB	Event type se. Error ellipse: s-maj=33.6km s-min=14.2km az=82.6.								
NEIC	Event type se. Error ellipse: s-maj=28.3km s-min=8.3km az=52.0.								
ISC	III 03 17 26 06.7-5.6 2.3N-20 95.72E-09 14-35 3.8b 13 3-55								
ISCJB	III 03 17 26 05.0-5.8 2.3N-20 95.7E-10 17-40 3.8b								
NEIC	III 03 17 26 09.1-88 2.37N 95.78E 30 4.0b								
IDC	III 03 17 26 10.8-7.7 2.34N 95.79E 47-67 3.7,3.6								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=33.7km s-min=14.5km az=33.7.								
NEIC	Event type se. Error ellipse: s-maj=19.6km s-min=10.0km az=214.0.								
IDC	Error ellipse: s-maj=66.1km s-min=29.2km az=52.0.								
ISC	III 25 06 59 47.2-5.3 2.6N-10 94.45E-08 3-33 4.1b 19 4-77								
ISCJB	III 25 06 59 45.5-4.4 2.6N-10 94.47E-08 5-28 4.1b								
IDC	III 25 06 59 46.9-1.3 2.55N 94.47E 0 4.0,3.9b								
NEIC	III 25 06 59 51.5-65 2.60N 94.57E 30 4.7b,3.9b								
MOS	III 25 06 59 51.8-48 2.67N 94.63E 50 4.7b,3.9b								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=20.3km s-min=11.2km az=43.5.								
IDC	Error ellipse: s-maj=44.7km s-min=18.1km az=49.0.								
NEIC	Event type se. Error ellipse: s-maj=15.7km s-min=9.7km az=223.0.								
MOS	Error ellipse: s-maj=21.4km s-min=15.5km az=115.6.								
ISC	III 07 00 11 16.6-5.3 2.0N-10 96.63E-08 14-34 4.0b 14 2-55								
ISCJB	III 07 00 11 12.8-4.1 1.9N-10 96.54E-07 6-27 4.0b								
IDC	III 07 00 11 13.8-1.5 1.99N 96.59E 0 4.0b,4.0								
NEIC	III 07 00 11 18.7-83 1.99N 96.65E 30 4.2b,4.0								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=17.1km s-min=12.0km az=174.8.								
IDC	Error ellipse: s-maj=38.7km s-min=20.5km az=46.0.								
NEIC	Event type se. Error ellipse: s-maj=18.1km s-min=10.9km az=220.0.								
ISC	III 26 10 30 20.8-3.6 2.37N-10 92.66E-05 30-26 4.0b,3.9s 25 6-97								
ISCJB	III 26 10 30 15.1-3.8 2.3N-10 92.57E-08 15-28 4.0b,3.9s								
IDC	III 26 10 30 15.6-1.4 2.24N 92.49E 0 4.0,4.0L								
NEIC	III 26 10 30 19.1-52 2.21N 92.52E 23 4.2b,4.0L								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=21.4km s-min=10.2km az=61.4.								
IDC	Error ellipse: s-maj=52.5km s-min=17.3km az=48.0.								
NEIC	Event type se. Error ellipse: s-maj=15.0km s-min=6.9km az=212.0.								
ISC	III 12 03 48 38.3-1.1 2.5N-20 94.2E-10 30 3.8b 10 5-82								
IDC	III 12 03 48 33.3-1.6 2.55N 94.29E 0 4.0,3.8b								
ISCJB	III 12 03 48 35.8-1.1 2.5N-20 94.1E-10 30 3.8b,3.8b								
NEIC	III 12 03 48 37.8-1.1 2.51N 94.15E 30 4.2b,3.8b								
ISC	Event type se.								
IDC	Error ellipse: s-maj=61.9km s-min=25.6km az=49.0.								
ISCJB	Event type se. Error ellipse: s-maj=28.2km s-min=14.9km az=58.5.								
NEIC	Event type se. Error ellipse: s-maj=28.2km s-min=15.0km az=206.0.								
ISC	III 12 04 06 35.0-5.6 2.1N-10 93.31E-10 20-40 4.1b,3.8s 10 6-84								
IDC	III 12 04 06 31.7-1.8 2.06N 93.32E 0 4.1,3.9								
ISCJB	III 12 04 06 32.9-5.5 2.1N-10 93.4E-10 20-39 4.1b,3.8s								
NEIC	III 12 04 06 36.0-91 2.05N 93.33E 30 4.4b,3.8s								
ISC	Event type se.								
IDC	Error ellipse: s-maj=50.2km s-min=21.4km az=52.0.								
ISCJB	Event type se. Error ellipse: s-maj=27.6km s-min=15.4km az=46.4.								
NEIC	Event type se. Error ellipse: s-maj=19.6km s-min=12.4km az=49.0.								
ISC	III 03 01 43 33.4-1.3 2.5N-20 95.8E-10 35 4.0b 12 3-93								
IDC	III 03 01 43 27.6-2.4 2.44N 95.77E 0 4.1,4.0b								
ISCJB	III 03 01 43 30.9-1.2 2.5N-20 95.8E-10 33 4.0b,4.0b								
NEIC	III 03 01 43 32.1-88 2.43N 95.81E 30 4.0b,4.0b								
ISC	Event type se.								
IDC	Error ellipse: s-maj=67.0km s-min=24.2km az=46.0.								
ISCJB	Event type se. Error ellipse: s-maj=27.6km s-min=14.2km az=54.8.								
NEIC	Event type se. Error ellipse: s-maj=20.3km s-min=10.3km az=209.0.								
ISC	III 18 22 43 12.9-1.3 2.8N-20 95.5E-20 35 3.6b 9 3-46								
IDC	III 18 22 43 07.2-2.2 2.73N 95.45E 0 3.7,3.5b								
ISCJB	III 18 22 43 10.2-1.3 2.8N-20 95.5E-20 33 3.6b,3.5b								
NEIC	III 18 22 43 10.8-92 2.76N 95.47E 24 3.9b,3.5b								
ISC	Event type se.								

IDC	Error ellipse: s-maj=69.0km s-min=23.1km az=55.0.								
ISCJB	Event type se. Error ellipse: s-maj=29.3km s-min=16.6km az=110.2.								
NEIC	Event type se. Error ellipse: s-maj=12.0km s-min=7.3km az=55.0.								
ISC	III 19 13 29 54.9-85 4.0N-10 95.7E-10 35 4.1b 19 3-79								
IDC	III 19 13 29 49.2-1.3 3.97N 95.73E 0 4.1,4.0b								
ISCJB	III 19 13 29 52.5-85 3.9N-10 95.7E-10 33 4.1b,4.0b								
NEIC	III 19 13 29 53.8-57 3.95N 95.71E 30 4.2b,4.0b								
ISC	Event type se.								
IDC	Error ellipse: s-maj=59.4km s-min=20.7km az=5								

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ISC	IV	04 10 36 60.0-17	0.30N-03	97.36E-03	36	5.3b,4.9s	479	3-176		
CSEM	IV	04 10 36 53.3	0.36N	97.38E	2	5.5b,4.9s			18197998	
ISCJB	IV	04 10 36 57.9-17	0.33N-03	97.37E-03	34	5.3b,4.9s				
MOS	IV	04 10 36 57.8-95	0.35N	97.32E	33	5.4b,4.6s				
BJI	IV	04 10 36 57.5	0.04S	97.35E	50	5.4b,5.1s				
IDC	IV	04 10 36 58.9-43	0.26N	97.37E	33-3	5.0,4.9				
NEIC	IV	04 10 36 59.3-12	0.30N	97.35E	34	5.4b,5.0s				
HRVD	IV	04 10 36 59.3-30	0.36N	97.22E	12	5.1W,5.0s				
SZGRF	IV	04 10 37 01.0	0.20N	96.50E	36	5.5b,5.0s				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=4.1km s-min=3.9km az=21.9.									
MOS	Error ellipse: s-maj=8.7km s-min=4.6km az=113.9.									
IDC	Error ellipse: s-maj=12.4km s-min=8.4km az=41.0.									
NEIC	Event type se. Error ellipse: s-maj=4.6km s-min=3.5km az=223.0.									
HRVD	Error ellipse: s-maj=1.1km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.									
LP body waves: s2f,c38; Mantle waves: s73,c115;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₁ -3.86±.12 M ₂ 0.55±.12; M ₃ 0.31±.12; M ₄ 0.89±.33; M ₅ 2.22±.10; M ₆ 2.62±.32; Best double couple: NP1:0.171,0.0000°;λ26.0000°;λ-52.0000°; NP2:0.311,0.0000°;λ70.0000°;λ-106.0000°; Principal axes: T 3.36680,Plg23.000°;Azms53.000°; N 0.0830,Plg15.000°;Azms17.000°; P -6.2820,Plg62.000°;Azms196.000°; M6.32500x10 ¹⁶										
SZGRF	Off west coast of northern Sumatera, Indonesia.									
ISC	IV	13 00 13 25.4-70	2.51N-08	99.01E-09	145-5	3.8b	23	0-147		
ISCJB	IV	13 00 13 23.8-74	2.50N-08	98.99E-09	150-5	3.8b			19594777	
IDC	IV	13 00 13 24.6-58	2.45N	98.98E	141-2	3.9,3.6				
NEIC	IV	13 00 13 25.3-60	2.44N	98.97E	148-5	4.1b,3.6				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=16.0km s-min=12.1km az=130.6.									
IDC	Error ellipse: s-maj=29.7km s-min=12.4km az=51.0.									
NEIC	Event type se. Error ellipse: s-maj=12.9km s-min=6.7km az=54.0.									
ISC	IV	21 03 35 58.6-11	5.54N-08	95.43E-08	115-11	4.1b	39	4-147		
MOS	IV	21 03 35 44.6-10	5.02N	95.59E	33	4.7b			18646305	
ISCJB	IV	21 03 35 56.9-12	5.50N-08	95.40E-08	117-11	4.1b				
IDC	IV	21 03 35 57.4-1.8	5.43N	95.37E	108-16	4.1,3.9				
NEIC	IV	21 03 35 58.0-1.1	5.43N	95.34E	114-10	4.4b,3.9				
ISC	Event type se.									
MOS	Error ellipse: s-maj=36.0km s-min=15.4km az=119.5.									
ISCJB	Event type se. Error ellipse: s-maj=16.8km s-min=7.5km az=91.8.									
IDC	Error ellipse: s-maj=19.3km s-min=9.4km az=46.0.									
NEIC	Event type se. Error ellipse: s-maj=13.4km s-min=7.4km az=51.0. Felt [II] at Banda Aceh.									
ISC	IV	22 23 23 06.7-35	2.11N-07	96.49E-06	27	5.1b,4.6s	122	11-130		
ISCJB	IV	22 23 23 04.4-35	2.10N-07	96.54E-06	25	5.1b,4.6s			18646435	
MOS	IV	22 23 23 05.5-82	2.13N	96.51E	33	5.4b,4.6s				
IDC	IV	22 23 23 06.0-47	2.10N	96.47E	24-2	4.8,4.7				
NEIC	IV	22 23 23 06.1-24	2.09N	96.49E	26	5.4b,4.7				
SZGRF	IV	22 23 23 15.4	5.19N	97.34E	29	5.2b,4.7				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=10.4km s-min=7.6km az=39.6.									
MOS	Error ellipse: s-maj=12.8km s-min=8.4km az=118.5.									
IDC	Error ellipse: s-maj=16.2km s-min=10.1km az=39.0.									
NEIC	Event type se. Error ellipse: s-maj=7.9km s-min=5.3km az=207.0.									
SZGRF	Northern Sumatera, Indonesia.									
ISC	IV	22 23 42 23.3-27	2.15N-04	96.47E-03	28	5.0b,4.7s	213	3-145		
BJI	IV	22 23 42 18.5	1.93N	96.40E	26	5.4b,5.2b			18321016	
ISCJB	IV	22 23 42 20.8-27	2.12N-04	96.46E-03	27	5.0b,4.7s				
IDC	IV	22 23 42 21.6-4.5	2.17N	96.47E	19-28	4.5,4.5				
NEIC	IV	22 23 42 22.8-24	2.15N	96.50E	27	5.1b,4.5				
HRVD	IV	22 23 42 22.8-50	1.77N	96.44E	35-1	5.0W,4.5				
MOS	IV	22 23 42 22.0-66	2.25N	96.54E	33	5.3b,4.5				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=5.8km s-min=4.5km az=28.4.									
IDC	Error ellipse: s-maj=15.3km s-min=11.7km az=41.0.									
NEIC	Event type se. Error ellipse: s-maj=7.1km s-min=4.3km az=205.0.									
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution.									
LP body waves: s2f,c38; Mantle waves: s62,c91;Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₁ 4.7±.20 M ₂ 0.94±.13; M ₃ 0.53±.16; M ₄ 2.00±.18; M ₅ 2.84±.11; M ₆ -0.23±.24; Best double couple: NP1:0.353,0.0000°;λ48.0000°;λ159.0000°; NP2:0.98,0.0000°;λ75.0000°;λ44.0000°; Principal axes: T 3.1890,Plg41.000°;Azms325.000°; N 0.8850,Plg44.000°;Azms113.000°; P -4.0740,Plg17.000°;Azms220.000°; M6.363200x10 ¹⁶										
MOS	Error ellipse: s-maj=11.7km s-min=6.5km az=107.9.									
ISC	IV	23 20 12 38.8-36	1.51N-05	97.10E-04	27	4.7b,4.1s	139	2-145		
ISCJB	IV	23 20 12 36.2-36	1.47N-05	97.09E-04	26	4.7b,4.1s			18480394	
MOS	IV	23 20 12 37.7-96	1.55N	97.06E	33	4.8b,4.1s				
IDC	IV	23 20 12 38.2-56	1.45N	97.02E	25-3	4.4,4.3b				
NEIC	IV	23 20 12 38.4-26	1.49N	97.08E	26	4.6b,4.3b				
BJI	IV	23 20 12 38.3	2.09N	97.53E	10	4.9b,4.8b				
SZGRF	IV	23 20 12 40.3	1.70N	97.16E	33	4.3b,4.8b				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=7.8km s-min=5.7km az=42.0.									
MOS	Error ellipse: s-maj=11.8km s-min=6.4km az=105.8.									
IDC	Error ellipse: s-maj=21.1km s-min=10.8km az=47.0.									
NEIC	Event type se. Error ellipse: s-maj=7.5km s-min=5.1km az=219.0.									
SZGRF	Northern Sumatera, Indonesia.									
ISC	IV	08 01 59 28.2-35	5.26N-07	94.79E-06	53	4.6b,3.7s	107	5-127		
SZGRF	IV	08 01 59 20.6	4.44N	95.33E	33	4.7b,3.7s			18504134	
MOS	IV	08 01 59 23.6-79	5.23N	94.78E	33	4.8b,3.7s				
ISCJB	IV	08 01 59 25.8-35	5.22N-07	94.82E-06	51	4.6b,3.7s				
NEIC	IV	08 01 59 27.9-32	5.22N	94.73E	56	4.6b,3.7s				
BJI	IV	08 01 59 27.8	5.20N	94.70E	56	5.3b,4.7b				
IDC	IV	08 01 59 28.8-3.2	5.14N	94.68E	65-28	4.4,4.3				
ISC	Event type se.									
SZGRF	Northern Sumatera, Indonesia.									
MOS	Error ellipse: s-maj=17.5km s-min=7.2km az=119.1.									
ISCJB	Event type se. Error ellipse: s-maj=11.6km s-min=5.9km az=85.7.									
NEIC	Event type se. Error ellipse: s-maj=14.0km s-min=4.7km az=47.0.									
IDC	Error ellipse: s-maj=29.9km s-min=11.1km az=49.0.									
ISC	IV	29 17 08 51.2-22	2.12N-04	96.46E-03	29	6.0s,5.2b	298	3-163		
SZGRF	IV	29 17 08 48.6	1.58N	96.72E	33	5.2b,5.2b			18321332	
IDC	IV	29 17 08 49.5-3.4	2.15N	96.49E	18-20	5.0,5.0				
ISCJB	IV	29 17 08 49.0-22	2.13N-04	96.50E-03	27	6.0s,5.2b				
BJI	IV	29 17 08 49.2	2.11N	96.46E	30	6.5s,6.1b				
NEIC	IV	29 17 08 50.5-18	2.18N	96.48E	26	5.2b,6.1b				
MOS	IV	29 17 08 50.3-80	2.29N	96.60E	33	5.4b,6.1b				
ISC	Event type se.									
SZGRF	Off west coast of northern Sumatera, Indonesia.									
ISC	Error ellipse: s-maj=16.1km s-min=9.7km az=41.0.									
ISCJB	Event type se. Error ellipse: s-maj=6.3km s-min=4.0km az=62.4.									
NEIC	Event type se. Error ellipse: s-maj=7.3km s-min=4.1km az=212.0.									
MOS	Error ellipse: s-maj=10.3km s-min=5.3km az=120.8.									
ISC	IV	08 06 21 06.7-55	1.03N-08	97.14E-08	24	4.3b,3.7s	37	3-145		
BJI	IV	08 06 21 03.8	0.83N	97.05E	34	5.4b,4.8s			18320179	
ISCJB	IV	08 06 21 04.1-55	1.00N-08	97.11E-07	23	4.3b,3.7s				
IDC	IV	08 06 21 05.1-4.6	1.01N	97.12E	14-27	4.1,4.0				
NEIC	IV	08 06 21 06.2-48	1.04N	97.19E	23	4.3b,4.0				
ISC	Event type se.									
ISCJB	Event type se. Error ellipse: s-maj=13.0km s-min=7.9km az=85.8.									
IDC	Error ellipse: s-maj=35.8km s-min=15.4km az=54.0.									
NEIC	Event type se. Error ellipse: s-maj=15.2km s-min=6.5km az=52.0.									
ISC	IV	08 15 19 29.8-1.8	2.44N-10	96.40E-10	50-15	4.5b,3.6s	51	3-81		
IDC	IV	08 15 19 22.2-1.5	2.31N	96.11E	0	4.2,4.1			18320191	
MOS	IV	08 15 19 25.6-1.0	2.39N	96.21E	33	4.5b,4.1				
BJI	IV	08 15 19 25.1	1.84N	96.45E	60	4.9b,4.6b				
NEIC	IV	08 15 19 27.2-58	2.38N	96.29E	30	4.5b,4.6b				
ISCJB	IV	08 15 19 28.6-1.7	2.43N-09	96.37E-08	59-15	4.5b,3.6s				
ISC	Event type se.									
NEIC	Event type se.									

ISCJB	Event type se.									
ISC	IV	10 10 25 08.4-42	4.84N-07	95.19E-06	57	4.6b	85	4-146		
MOS	IV	10 10 25 03.5-1.0	4.79N	95.17E	33	5.0b			18320273	
BJI	IV	10 10 25 04.4	4.70N	95.10E	30	5.1b,5.0b				
NEIC	IV	10 10 25 04.5-30	4.67N	95.08E	30	4.6b,5.0b				
ISCJB	IV	10 10 25 06.1-42	4.81N-07	95.18E-06	55	4.6b,5.0b				
IDC	IV	10 10 25 07.1-78	4.74N	95.08E	52-6	4.5,4.3				
ISC	Event type se.									
MOS	Error ellipse: s-maj=17.0km s-min=6.9km az=108.5.									
NEIC	Event type se. Error ellipse: s-maj=12.6km s-min=4.9km az=49.0.									
ISCJB	Event type se. Error ellipse: s-maj=12.3km s-min=5.7km az=80.8.									
IDC	Error ellipse: s-maj=30.8km s-min=9.8km az=42.0.									
ISC	IV	13 02 00 30.9-89	2.8N-10	96.10E-09	35	4.3b	12	3-55		
IDC	IV	13 02 00 25.0-1.6	2.83N	96.10E	0	4.2,4.1b			19594781	
ISCJB	IV	13 02 00 28.3-89	2.7N-10	96.06E-09	33	4.3b,4.1b				
NEIC	IV	13 02 00 30.6-91	2.84N	96.28E	30	4.6b,4.1b				
ISC	Event type se.									
IDC	Error ellipse: s-maj=49.2km s-min=26.5km az=43.0.									
ISCJB	Event type se. Error ellipse: s-maj=20.1km s-min=11.9km az=29.4.									
NEIC	Event type se. Error ellipse: s-maj=31.0km s-min=12.7km az=48.0. Felt [III] at Takengon, Sumatra.									
ISC	IV	18 23 04 59.9-3.0	1.4N-10	97.2E-10	50-24	4.2b,3.9s	34	2-143		
BJI	IV	18 23 04 51.0	0.57N	97.43E	43	5.3b,4.7b			18564694	
IDC	IV	18 23 04 52.1-1.1	1.21N	96.99E	40	4.0,3.9b				
ISCJB	IV	18 23 04 57.1-3.1	1.3N-10	97.1E-10	46-25	4.2b,3.9s				
NEIC	IV	18 23 04 58.6-2.2	1.33N	97.12E	43-18	4.3b,3.9s				
ISC	Event type se.									
IDC	Error ellipse: s-maj=37.7km s-min=20.2km az=46.0.									

ISC	VI	05 18 24 13.7-58	0.98N-09	97.43E-10	35	4.2b	37	2-87	
IDC	VI	05 18 24 07.8-97	0.90N	97.24E	0	4.2,4.1b		¶18747155	
BJI	VI	05 18 24 08.9	1.11N	97.93E	6	4.7b,4.7b			
MOS	VI	05 18 24 10.9-99	0.88N	97.27E	33	4.6b,4.7b			
ISCJB	VI	05 18 24 11.2-58	0.97N-08	97.40E-09	33	4.2b,4.7b			
NEIC	VI	05 18 24 12.6-42	0.93N	97.38E	30	4.5b,4.7b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=38.7km s-min=16.5km az=52.0.								
MOS	Error ellipse: s-maj=20.7km s-min=11.2km az=108.4.								
ISCJB	Event type se. Error ellipse: s-maj=15.7km s-min=9.2km az=105.0.								
NEIC	Event type se. Error ellipse: s-maj=12.4km s-min=6.7km az=51.0.								
ISC	VI	27 10 17 18.3-73	2.7N-10	99.09E-10	164-5	3.8b	17	0-85	
ISCJB	VI	27 10 17 16.9-75	2.7N-10	99.07E-10	169-5	3.8b		¶19222692	
IDC	VI	27 10 17 17.9-61	2.69N	99.07E	161-12	4.1,3.7			
NEIC	VI	27 10 17 18.3-65	2.70N	99.10E	165-5	4.3b,3.7			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=21.0km s-min=14.1km az=64.1.								
IDC	Error ellipse: s-maj=104.9km s-min=14.2km az=45.0.								
NEIC	Event type se. Error ellipse: s-maj=15.4km s-min=9.4km az=225.0.								
ISC	VI	17 10 44 01.2-25	1.87N-04	97.76E-04	16	4.8b,4.0s	165	1-146	
ISCJB	VI	17 10 43 58.8-25	1.84N-04	97.77E-04	15	4.8b,4.0s		¶10698979	
BJI	VI	17 10 43 58.7	1.94N	97.94E	12	4.8b,4.7b			
NEIC	VI	17 10 44 00.6-24	1.86N	97.77E	16	4.9b,4.7b			
MOS	VI	17 10 44 01.5-95	2.00N	97.91E	33	5.1b,4.7b			
IDC	VI	17 10 44 07.7-1.8	1.98N	98.00E	71-15	4.7,4.4			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=6.2km s-min=4.7km az=96.0.								
NEIC	Event type se. Error ellipse: s-maj=7.5km s-min=5.2km az=224.0. Felt [II] at Sibolga, Sumatra.								
MOS	Error ellipse: s-maj=12.2km s-min=6.7km az=114.6.								
IDC	Error ellipse: s-maj=16.2km s-min=9.0km az=49.0.								
ISC	VI	18 17 10 55.4-34	1.29N-05	97.12E-04	35	4.8b,4.5s	139	2-145	
IDC	VI	18 17 10 49.4-69	1.24N	97.08E	0	4.5,4.5s		¶10699000	
BJI	VI	18 17 10 50.9	1.08N	97.26E	30	4.9b,4.9b			
ISCJB	VI	18 17 10 52.6-34	1.26N-04	97.10E-04	31	4.8b,4.5s			
MOS	VI	18 17 10 53.3-1.1	1.37N	97.11E	33	5.2b,4.5s			
NEIC	VI	18 17 10 53.5-35	1.21N	97.08E	25	4.9b,4.5s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=23.9km s-min=13.3km az=43.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.9km s-min=5.1km az=68.9.								
MOS	Error ellipse: s-maj=12.0km s-min=6.5km az=102.4.								
NEIC	Event type se. Error ellipse: s-maj=9.4km s-min=5.8km az=218.0.								
ISC	VI	20 01 50 51.6-1.3	1.9N-20	98.1E-10	35	3.8b	11	4-56	
IDC	VI	20 01 50 46.1-3.3	1.86N	98.04E	0	3.7,3.6b		¶19222304	
ISCJB	VI	20 01 50 49.0-1.3	1.9N-20	98.1E-10	33	3.8b,3.6b			
NEIC	VI	20 01 50 50.6-89	1.86N	98.07E	30	3.9b,3.6b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=136.5km s-min=27.4km az=55.0.								
ISCJB	Event type se. Error ellipse: s-maj=25.5km s-min=16.5km az=51.3.								
NEIC	Event type se. Error ellipse: s-maj=18.9km s-min=12.2km az=209.0.								
ISC	VI	18 20 09 59.0-5.0	2.3N-20	96.5E-30	58-41	4.0b	17	2-94	
IDC	VI	18 20 09 50.8-1.3	2.18N	96.34E	0	3.9b,3.9		¶19222243	
NEIC	VI	18 20 09 55.4-69	2.20N	96.32E	30	4.1b,3.9			
ISCJB	VI	18 20 09 58.9-4.9	2.4N-20	96.6E-30	73-40	4.0b,3.9			
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	VI	18 22 22 56.8-24	5.43N-04	94.32E-03	50	4.7b,3.6s	259	5-142	
SZGRF	VI	18 22 22 51.8	4.77N	95.33E	50	4.7b,3.6s		¶18481228	
MOS	VI	18 22 22 53.1-75	5.51N	94.39E	33	4.9b,3.6s			
BJI	VI	18 22 22 53.9	5.23N	94.48E	57	4.9b,4.7b			
ISCJB	VI	18 22 22 54.7-24	5.43N-04	94.37E-03	48	4.7b,3.6s			
IDC	VI	18 22 22 55.7-1.9	5.37N	94.29E	46-17	4.6,4.4			
NEIC	VI	18 22 22 56.2-21	5.41N	94.32E	49	4.7b,4.4			
ISC	Event type se.								
SZGRF	Northern Sumatera, Indonesia.								
MOS	Error ellipse: s-maj=12.3km s-min=4.8km az=117.5.								
ISCJB	Event type se. Error ellipse: s-maj=6.7km s-min=3.7km az=51.8.								
IDC	Error ellipse: s-maj=23.9km s-min=10.1km az=43.0.								
NEIC	Event type se. Error ellipse: s-maj=8.5km s-min=4.2km az=36.0.								
IDC	VI	02 10 31 54.2-1.8	2.22N	96.40E	0	3.6b,3.6		¶19599703	
IDC	Error ellipse: s-maj=54.6km s-min=20.7km az=172.0.								
ISC	VI	02 20 01 26.4-4.9	2.8N-30	96.1E-30	58-39	4.2b,3.3s	21	3-81	
IDC	VI	02 20 01 17.9-1.8	2.69N	95.83E	0	4.0,4.0b		¶19221361	
ISCJB	VI	02 20 01 24.2-4.9	2.8N-20	96.1E-30	56-39	4.2b,3.3s			
NEIC	VI	02 20 01 25.0-3.5	2.73N	96.02E	48-28	4.5b,3.3s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=57.9km s-min=23.4km az=47.0.								
ISCJB	Event type se. Error ellipse: s-maj=62.6km s-min=19.0km az=103.1.								
NEIC	Event type se. Error ellipse: s-maj=41.2km s-min=11.9km az=52.0.								
ISC	VI	24 20 47 38.0-1.7	1.7N-20	99.2E-20	135-9	3.7b	13	1-81	
ISCJB	VI	24 20 47 36.9-1.7	1.7N-20	99.3E-20	141-9	3.7b		¶19222550	
NEIC	VI	24 20 47 38.5-1.2	1.69N	99.33E	140-8	3.8b			
IDC	VI	24 20 47 39.0-1.2	2.05N	99.81E	130-12	4.1,3.8			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=43.9km s-min=19.3km az=112.2.								
NEIC	Event type se. Error ellipse: s-maj=27.4km s-min=12.7km az=58.0.								
IDC	Error ellipse: s-maj=41.8km s-min=19.7km az=55.0.								
ISC	VI	01 00 21 44.8-8.0	2.65N-09	98.68E-08	10	3.8b	14	0-69	
ISCJB	VI	01 00 21 42.9-79	2.71N-08	98.67E-08	10	3.8b		¶19221261	
IDC	VI	01 00 21 44.2-1.2	2.92N	99.14E	0	3.7,3.6b			
NEIC	VI	01 00 21 47.4-83	2.78N	99.02E	30	4.0b,3.6b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=14.2km s-min=9.4km az=90.7.								
IDC	Error ellipse: s-maj=27.8km s-min=7.9km az=132.0.								
NEIC	Event type se. Error ellipse: s-maj=24.5km s-min=15.9km az=222.0. Felt [II] at Pangururan and Parapat.								
IDC	VI	04 11 19 02.0-2.0	1.20N	97.04E	0	3.5,3.4b		¶19599784	
IDC	Error ellipse: s-maj=54.0km s-min=24.9km az=63.0.								
ISC	VI	14 00 14 33.1-16	5.49N-03	94.53E-02	55	5.1b,4.5s	545	4-164	
MOS	VI	14 00 14 29.1-84	5.59N	94.57E	33	5.4b,4.5s		¶10698909	
BJI	VI	14 00 14 30.8	5.32N	94.43E	69	5.2b,5.1b			
ISCJB	VI	14 00 14 31.1-16	5.49N-03	94.55E-02	53	5.1b,4.5s			
NEIC	VI	14 00 14 32.6-12	5.51N	94.57E	53	5.2b,4.5s			
SZGRF	VI	14 00 14 32.3	5.27N	94.47E	54	5.2b,4.5s			
HRVD	VI	14 00 14 32.6-20	5.27N	94.41E	52-1	5.1W,4.5s			
IDC	VI	14 00 14 32.6-43	5.56N	94.61E	52-3	4.8,4.6			
ISC	Event type se.								
MOS	Error ellipse: s-maj=8.0km s-min=3.6km az=121.9.								
ISCJB	Event type se. Error ellipse: s-maj=4.4km s-min=3.2km az=34.4.								
NEIC	Event type se. Error ellipse: s-maj=4.2km s-min=2.9km az=210.0.								
SZGRF	Northern Sumatera, Indonesia.								
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. S _P 2 body waves: s62,c83; Mantle waves: s82,c123; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₀ :1.8; M ₀ :1.25±13; M ₀ :3.35±15; M ₀ :2.52±10; M ₀ :3.42±12; M ₀ :1.78±13; Best double couple: NP1:0.338,0.0000°; δ2:0.00000°; λ112.00000°; NP2:0.132,0.00000°; δ61.00000°; λ77.00000°; Principal axes: T 5.680,Plg71.0000°; Azm12.0000°; N 1.0800,Plg11.0000°; Azm13.0000°; P -6.6480,Plg15.0000°; Azm232.0000°; M:6.10800×10 ¹⁶								
IDC	Error ellipse: s-maj=14.2km s-min=8.7km az=44.0.								
ISC	III	12 19 44 52.3-27	1.65N-04	97.12E-03	28	5.0b,4.4s	207	2-175	
SZGRF	III	12 19 44 47.8	1.78N	98.64E	32	4.8b,4.4s		¶10602638	
ISCJB	III	12 19 44 49.8-27	1.61N-04	97.10E-03	26	5.0b,4.4s			
BJI	III	12 19 44 49.9	1.66N	97.21E	27	5.2b,5.1b			
HRVD	III	12 19 44 51.8-16	1.30N	97.13E	32-3	4.7W,5.1b			
MOS	III	12 19 44 51.6-92	1.84N	97.21E	33	5.2b,5.1b			
NEIC	III	12 19 44 51.8-19	1.66N	97.08E	26	4.9b,4.2s			
IDC	III	12 19 44 51.7-56	1.64N	97.11E	25-3	4.8,4.7			

ISC	Event type se.								
SZGRF	Northern Sumatera, Indonesia.								
ISCJB	Event type se. Error ellipse: s-maj=6.0km s-min=4.4km az=44.3.								
HRVD	Error ellipse: s-maj=8.9km s-min=10.0km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s14,c16; Mantle waves: s28,c32; Half duration: 1s2 Moment tensor: Scale 10 ¹⁶ Nm; M ₀ :0.88±22; M ₀ :0.80±17; M ₀ :0.07±20; M ₀ :0.90±24; M ₀ :1.03±12; M ₀ :0.39±25; Best double couple: NP1:0.328,0.0000°; δ29.00000°; λ124.00000°; NP2:0.111,0.00000°; δ66.00000°; λ73.00000°; Principal axes: T 1.2780,Plg65.0000°; Azm352.0000°; N 0.5930,Plg16.0000°; Azm118.0000°; P -1.8710,Plg19.0000°; Azm214.0000°; M:1.57400×10 ¹⁶								
MOS	Error ellipse: s-maj=10.7km s-min=6.2km az=115.1.								
NEIC	Event type se. Error ellipse: s-maj=6.7km s-min=3.9km az=202.0.								
IDC	Error ellipse: s-maj=16.9km s-min=9.8km az=43.0.								
ISC	VI	28 17 44 12.9-21	0.88N-03	98.75E-04	96	4.8b	252	2-146	
MOS	VI	28 17 44 04.3-94	1.00N	98.77E	33	5.2b		¶18505558	
BJI	VI	28 17 44 10.7	0.93N	98.59E	92	4.9b,4.7b			
SZGRF	VI	28 17 44 10.7	0.79N	97.02E	33	4.9b,4.7b			
IDC	VI	28 17 44 11.5-68	0.91N	98.84E	83-6	4.6,4.3			
NEIC	VI	28 17 44 11.3-20	0.86N	98.70E	83	4.9b,4.3			
ISCJB	VI	28 17 44 11.0-21	0.88N-03	98.73E-04	94	4.8b,4.3			
ISC	Event type se.								
SZGRF	Northern Sumatera, Indonesia.								
NEIC	Event type se. Felt [III] at Sibolga, Sumatra.								
ISCJB	Event type se.								
ISC	III	14 06 47 40.2-1.9	5.2N-10	94.7E-10	62-16	4.4b	52	5-127	
MOS	III	14 06 47 34.4-95	5.14N	94.60E	33	4.7b		¶10603420	
BJI	III	14 06 47 34.6	5.10N	94.50E	30	5.2b,4.8b			
NEIC	III	14 06 47 35.7-63	5.08N	94.47E	30	4.5b,4.8b			
ISCJB	III	14 06 47 38.7-2.1	5.2N-10	94.7E-10	66-17	4.3b,4.8b			
IDC									

ISC	II	01 11 49 01.9-2.7	3.3N-10	98.3E-10	11-17	4.0b	16	1-76
IDC	II	01 11 48 59.9-1.3	3.33N	98.24E	0	3.9,3.8b		
ISCJB	II	01 11 49 04.3-2.0	3.3N-10	98.4E-10	43-17	4.0b,3.8b		
NEIC	II	01 11 49 04.6--7.6	3.30N	98.40E	30	4.1b,3.8b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=90.6km s-min=9.6km az=47.0.							
ISCJB	Event type se. Error ellipse: s-maj=25.0km s-min=15.8km az=146.1.							
NEIC	Event type se. Error ellipse: s-maj=19.4km s-min=13.9km az=55.0.							
IDC	II	01 19 42 35.4-6.7	0.50N	97.23E	0	3.8s,3.7		
IDC	Error ellipse: s-maj=329.6km s-min=29.5km az=55.0.							
ISC	II	02 03 35 13.0-0.3	3.3N-10	98.2E-10	7-20	3.6b,3.2s	13	1-84
IDC	II	02 03 35 11.6-1.2	3.27N	98.25E	0	3.8,3.6		
ISCJB	II	02 03 35 13.8-2.5	3.3N-10	98.2E-10	26-18	3.6b,3.2s		
NEIC	II	02 03 35 15.8--6.8	3.26N	98.33E	30	4.0b,3.2s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=63.5km s-min=9.2km az=45.0.							
ISCJB	Event type se. Error ellipse: s-maj=23.9km s-min=19.4km az=152.3.							
NEIC	Event type se. Error ellipse: s-maj=19.9km s-min=10.9km az=51.0.							
ISC	II	02 16 01 48.8-3.2	1.6N-10	97.1E-20	38-27	4.0b	28	2-82
IDC	II	02 16 01 42.2-1.1	1.41N	96.87E	0	3.8,3.7b		
MOS	II	02 16 01 45.7--5.9	1.54N	96.89E	33	4.4b,3.7b		
ISCJB	II	02 16 01 46.0-7.3	1.6N-10	97.00E-09	33	4.0b,3.7b		
NEIC	II	02 16 01 47.5--5.9	1.61N	97.02E	30	4.3b,3.7b		
BJI	II	02 16 01 47.4	1.60N	97.00E	30	4.4b,4.3b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=38.2km s-min=21.5km az=43.0.							
MOS	Error ellipse: s-maj=20.6km s-min=13.9km az=95.3.							
ISCJB	Event type se. Error ellipse: s-maj=14.8km s-min=13.3km az=15.1.							
NEIC	Event type se. Error ellipse: s-maj=12.9km s-min=11.3km az=189.0.							
ISC	II	03 05 41 58.8-1.8	2.36N-08	97.15E-09	56-16	4.5b	33	2-146
NEIC	II	03 05 41 55.3--3.8	2.27N	96.99E	30	4.5b		
BJI	II	03 05 41 55.0	2.30N	97.00E	30	4.9s,4.9b		
ISCJB	II	03 05 41 57.3-1.9	2.32N-08	97.13E-09	62-17	4.5b,4.9b		
IDC	II	03 05 41 57.9-3.4	2.37N	97.10E	51-31	5.0,4.8s		
ISC	Event type se.							
NEIC	Event ellipse: s-maj=10.4km s-min=7.8km az=33.0.							
ISCJB	Event type se. Error ellipse: s-maj=17.1km s-min=11.0km az=111.4.							
IDC	Error ellipse: s-maj=21.4km s-min=14.4km az=65.0.							
IDC	II	03 21 39 47.9-6.7	3.42N	96.71E	43-53	3.9L,3.5		
IDC	Error ellipse: s-maj=70.9km s-min=21.6km az=56.0.							
ISC	II	04 01 02 55.0-9.0	3.68N-09	96.82E-08	35	3.7b	13	2-45
IDC	II	04 01 02 47.4-2.5	3.32N	96.42E	0	3.6,3.4		
ISCJB	II	04 01 02 52.8-9.0	3.72N-09	96.81E-08	33	3.7b,3.4		
NEIC	II	04 01 02 56.4-1.3	3.94N	97.34E	35	4.3b,3.4		
ISC	Event type se.							
IDC	Error ellipse: s-maj=79.6km s-min=22.2km az=55.0.							
ISCJB	Event type se. Error ellipse: s-maj=14.2km s-min=9.4km az=64.1.							
NEIC	Event type se. Error ellipse: s-maj=33.3km s-min=15.8km az=61.0.							
ISC	II	04 04 32 57.0-3.6	1.2N-20	97.4E-20	48-29	4.1b	28	2-83
IDC	II	04 04 32 49.1-1.3	1.00N	97.13E	0	4.0b,4.0		
ISCJB	II	04 04 32 54.9-3.8	1.2N-20	97.4E-20	50-29	4.1b,4.0		
BJI	II	04 04 32 56.7	0.98N	97.51E	76	5.0b,4.7b		
NEIC	II	04 04 32 58.3-2.8	1.22N	97.49E	62-22	4.1b,4.7b		
ISC	Event type se.							
IDC	Error ellipse: s-maj=43.4km s-min=18.5km az=56.0.							
ISCJB	Event type se. Error ellipse: s-maj=41.1km s-min=11.3km az=104.9.							
NEIC	Event type se. Error ellipse: s-maj=31.3km s-min=8.0km az=53.0.							
IDC	II	04 19 40 14.9-2.1	0.97N	97.06E	0	3.5,3.4b		
IDC	Error ellipse: s-maj=55.2km s-min=27.1km az=62.0.							
ISC	II	05 06 13 37.2-5.5	0.80N-07	97.37E-06	35	4.5b,3.7s	46	3-145
IDC	II	05 06 13 31.6-7.3	0.80N	97.34E	0	4.4,4.3b		
BJI	II	05 06 13 32.9	0.56N	97.63E	33	5.4b,4.8b		
ISCJB	II	05 06 13 34.7-5.4	0.77N-07	97.36E-06	33	4.5b,3.7s		
NEIC	II	05 06 13 36.1-4.6	0.80N	97.40E	30	4.6b,3.7s		
ISC	Event type se.							
IDC	Error ellipse: s-maj=20.6km s-min=16.5km az=38.0.							
ISCJB	Event type se. Error ellipse: s-maj=10.1km s-min=8.4km az=151.6.							
NEIC	Event type se. Error ellipse: s-maj=11.5km s-min=8.9km az=43.0.							
ISC	II	05 10 11 33.0-4.1	1.50N-20	94.4E-30	53-33	4.1b	12	5-75
IDC	II	05 10 11 25.0-1.5	4.85N	94.09E	0	4.1,4.0L		
ISCJB	II	05 10 11 31.6-4.3	5.0N-20	94.4E-30	59-34	4.1b,4.0L		
ISC	II	05 18 04 46.3-6.9	1.1N-30	97.5E-40	46-51	3.8b	12	2-57
IDC	II	05 18 04 39.0-1.8	0.90N	97.29E	0	3.8,3.7b		
NEIC	II	05 18 04 43.5-7.5	0.97N	97.33E	30	3.9b,3.7b		
ISCJB	II	05 18 04 45.4-6.9	1.1N-30	97.5E-40	58-50	3.8b,3.7b		
ISC	Event type se.							
NEIC	Event type se.							
ISCJB	Event type se.							
ISC	II	06 07 05 02.8-2.8	2.25N-04	96.47E-03	29	5.1s,5.1b	218	3-168
SZGRF	II	06 07 04 54.4	2.00N	98.90E	30	5.2b,5.1b		
BJI	II	06 07 04 59.8	2.29N	96.55E	21	5.4b,5.3s		
NAO	II	06 07 04 59.3	0.21N	94.33E	33	5.2b,5.3s		
ISCJB	II	06 07 05 00.3-2.8	2.22N-04	96.46E-03	27	5.1s,5.1b		
IDC	II	06 07 05 01.9-6.8	2.25N	96.47E	26-3	4.7s,4.7		
MOS	II	06 07 05 01.3-9.5	2.28N	96.44E	33	5.4b,4.9s		
NEIC	II	06 07 05 02.3-2.4	2.22N	96.45E	27	5.2b,5.1s		
HRVD	II	06 07 05 02.3-4.0	1.58N	96.25E	45-1	5.1W,5.1s		
ISC	Event type se.							
SZGRF	Northern Sumatera, Indonesia.							
ISCJB	Event type se. Error ellipse: s-maj=5.9km s-min=4.7km az=32.8.							
IDC	Error ellipse: s-maj=16.3km s-min=13.7km az=39.0.							
MOS	Error ellipse: s-maj=10.3km s-min=5.9km az=105.4.							
NEIC	Event type se. Error ellipse: s-maj=6.6km s-min=5.3km az=202.0.							
HRVD	Error ellipse: s-maj=3.3km s-min=3.3km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s39,c59; Mantle waves: s66,c99; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:3.42±.38 Mww:3.54±.25; Mw:0.12±.30; Mw:0.54±.19; Mw:0.54±.20; Mw:1.74±.26; Best double couple: NP1:φ303.00000°,δ29.00000°,λ88.00000°. NP2:φ125.00000°,δ61.00000°,λ91.00000°. Principal axes: T 4.2900,Plg74.0000°,AzM38.0000°; N 3.1870,Plg1.0000°,AzM304.0000°; P -7.4740,Plg16.0000°,AzM214.0000°; M5.88200×10 ¹⁶							
ISC	II	06 12 40 42.6-2.8	2.47N-04	96.01E-03	30	4.8b,4.0s	162	3-159
MOS	II	06 12 40 38.6-9.2	2.19N	96.18E	33	5.0b,4.0s		
SZGRF	II	06 12 40 39.4	1.41N	95.73E	30	4.8b,4.0s		
BJI	II	06 12 40 40.1	2.45N	96.16E	26	5.0b,4.9b		
ISCJB	II	06 12 40 40.1-2.8	2.43N-04	96.01E-04	29	4.8b,4.0s		
NEIC	II	06 12 40 41.9-2.8	2.38N	95.98E	30	4.9b,4.0s		
IDC	II	06 12 40 41.6-5.1	2.45N	95.95E	27-3	4.6,4.5		
HRVD	II	06 12 40 41.9-8.0	2.59N	95.88E	29-1	4.8W,4.5		
NAO	II	06 12 40 50.3	4.45N	96.21E	33	4.7b,4.5		
ISC	Event type se.							
MOS	Error ellipse: s-maj=18.8km s-min=7.5km az=105.0.							
SZGRF	Off west coast of northern Sumatera, Indonesia.							
ISCJB	Event type se. Error ellipse: s-maj=5.7km s-min=4.9km az=42.8.							
NEIC	Event type se. Error ellipse: s-maj=8.6km s-min=6.0km az=210.0.							
IDC	Error ellipse: s-maj=15.7km s-min=12.3km az=45.0.							
HRVD	Error ellipse: s-maj=5.6km s-min=5.6km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s9,c10; Mantle waves: s34,c47; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:1.60±.21 Mww:0.02±.11; Mw:0.16±.15; Mw:0.85±.18; Mw:0.48±.11; Mw:0.26±.20; Best double couple: NP1:φ185.00000°,δ41.00000°,λ-56.00000°. NP2:φ323.00000°,δ57.00000°,λ-116.00000°. Principal axes: T 1.8120,Plg9.0000°,AzM71.0000°; N 0.1460,Plg21.0000°,AzM338.0000°; P -1.9680,Plg67.0000°,AzM182.0000°; M1.89000×10 ¹⁶							
ISC	II	06 16 51 45.8-1.3	1.2N-10	97.2E-20	35	3.5b	8	2-54
IDC	II	06 16 51 39.9-1.8	1.10N	97.07E	0	3.7,3.5b		
ISCJB	II	06 16 51 43.1-1.3	1.2N-10	97.2E-20	33	3.5b,3.5b		
NEIC	II	06 16 51 44.5-9.6	1.15N	97.16E	30	3.5b,3.5b		

ISC	Event type se.							
IDC	Error ellipse: s-maj=51.6km s-min=21.6km az=59.0.							
ISCJB	Event type se. Error ellipse: s-maj=24.8km s-min=18.2km az=151.8.							
NEIC	Event type se. Error ellipse: s-maj=18.9km s-min=13.8km az=74.0.							
ISC	II	06 23 55 11.4--2.0	1.60N-03	97.17E-03	29	5.4b,5.1s	412	2-159
NAO	II	06 23 55 01.5	1.33S	96.06E	33	5.3b,5.1s		
BJI	II	06 23 55 08.5	1.55N	97.19E	28	5.5b,5.5b		
ISCJB	II	06 23 55 09.2-2.0	1.61N-03	97.19E-03	27	5.4b,5.1s		
NEIC	II	06 23 55 10.9-1.6	1.61N	97.10E	27	5.4b,5.2W		
MOS	II	06 23 55 10.4-8.2	1.73N	97.20E	33	5.7b,4.7s		
HRVD	II	06 23 55 10.9-3.0	1.42N	96.87E	25	5.2W,4.7s		
IDC	II	06 23 55 11.5-2.9	1.57N	97.11E	33-20	5.2,5.0b		
SZGRF	II	06 23 55 19.9	2.50N	95.50E	26	5.2b,4.8s		
ISC	Event type se.							
ISCJB	Event type se. Error ellipse: s-maj=4.8km s-min=3.8km az=26.7.							
NEIC	Event type se. Error ellipse: s-maj=5.8km s-min=4.2km az=25.0. Moment Tensor Solution. s12 Moment tensor: Scale 10 ¹⁶ Nm; Mw:6.25 Mw:3.28 Mw:2.97 Mw:5.47 Mw:2.83 Mw:2.59 Best double couple: NP1:φ121.00000°,δ68.00000°,λ81.00000°. NP2:φ323.00000°,δ24.00000°,λ110.00000°. Principal axes: T 8.8600,Plg66.0000°,AzM16.0000°; N -0.5600,Plg8.0000°,AzM125.0000°; P -8.3000,Plg22.0000°,AzM218.0000°; M8.60000×10 ¹⁶							
MOS	Error ellipse: s-maj=8.2km s-min=4.6km az=120.2.							
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=-1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s62,c108; Mantle waves: s65,c105; Half duration: 1.0 Moment tensor: Scale 10 ¹⁶ Nm; Mr:3.90±.19 Mww:1.64±.14; Mw:2.26±.17; Mw:5.68±.31; Mw:3.45±.12; Mw:3.99±.37; Best double couple: NP1:φ336.00000°,δ19.00000°,λ119.00000°. NP2:φ126.00000°,δ74.00000°,λ81.00000°. Principal axes: T 7.7500,Plg60.0000°,AzM23.0000°; N 1.2770,Plg9.0000°,AzM128.0000°; P -9.0270,Plg28.0000°,AzM223.0000°; M8.38800×10 ¹⁶							
IDC	Error ellipse: s-maj=17.1km s-min=11.2km az=41.0.							
SZGRF	Off west coast of northern Sumatera, Indonesia.							
IDC	II	07 06 59 50.3-1.4	0.89N	97.16E	0	4.0s,4.0		
IDC	Error ellipse: s-maj=28.9km s-min=22.7km az=138.0.							
IDC	II	07 09 18 38.9-6.5	0.21N	98.21E	0	4.3b,4.3		
IDC	Error ellipse: s-maj=172.4km s-min=51.5km az=129.0.							
ISC	II	07 19 24 46.2-5.0	2.16N-07	96.27E-07	27	4.5b,4.0s	64	3-81
ISCJB	II	07 19 24 43.8-5.0	2.16N-07	96.29E-07	26	4.5b,4.0s		
BJI	II	07 19 24 43.1	1.75N	96.29E	45	5.2b,4.8b		
MOS	II	07 19 24 44.4-8.6	2.09N	96.13E	37			

IDC	Error ellipse: s-maj=40.0km s-min=14.1km az=54.0.								
NEIC	Event type se. Error ellipse: s-maj=14.7km s-min=9.3km az=51.0.								
ISC	I 01 02 03 10.9-3.8 4.7N-20 96.9E-30 44-28 3.6b 8 3-44								
IDC	I 01 02 03 10.2-3.0 4.05N 95.86E 0 3.8,3.6L								
IDC	I 01 02 03 09.7-3.6 4.65N 96.82E 38-27 4.4b,3.6L								
NEIC	I 01 02 03 10.1-3.6 4.8N-20 96.9E-30 56-26 3.6b,3.6L								
ISCJB	I 01 02 03 10.1-3.6 4.8N-20 96.9E-30 56-26 3.6b,3.6L								
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
IDC	I 31 19 58 40.9-32 0.31N 97.14E 0 4.0,3.9b								
IDC	Error ellipse: s-maj=64.13km s-min=123.1km az=169.0.								
ISC	I 05 22 26 52.6-54 3.23N-07 99.46E-08 224-4 3.9b 25 1-79								
ISCJB	I 05 22 26 51.3-55 3.21N-07 99.44E-08 231-4 3.9b								
IDC	I 05 22 26 52.0-43 3.05N 99.27E 227-7 4.1,3.7								
NEIC	I 05 22 26 52.1-70 3.12N 99.32E 228-6 3.9b,3.7								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=13.6km s-min=10.6km az=114.4.								
IDC	Error ellipse: s-maj=41.2km s-min=12.9km az=56.0.								
NEIC	Event type se. Error ellipse: s-maj=17.6km s-min=8.8km az=54.0.								
ISC	I 06 02 25 10.5-2.8 2.0N-10 96.8E-10 51-20 4.5b 54 2-143								
IDC	I 06 02 25 02.6-90 1.86N 96.57E 0 4.4,4.3b								
BUI	I 06 02 25 04.9 1.57N 96.80E 46 5.2b,4.9b								
MOS	I 06 02 25 06.3-85 2.04N 96.75E 33 4.7b,4.9b								
NEIC	I 06 02 25 07.2-43 1.91N 96.65E 30 4.5b,4.9b								
ISCJB	I 06 02 25 08.7-2.6 2.0N-10 96.8E-10 55-20 4.5b,4.9b								
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	I 07 15 15 42.6-2.5 1.0N-10 97.30E-09 5-14 4.2b 15 2-144								
IDC	I 07 15 15 43.8-5.3 1.01N 97.16E 19-30 3.9,3.8b								
ISCJB	I 07 15 15 46.6-5.2 1.1N-20 97.3E-20 50-43 4.2b,3.8b								
ISC	I 08 17 19 46.5-2.6 1.9N-20 98.7E-30 112-15 3.8b 12 1-56								
ISCJB	I 08 17 19 45.3-2.5 1.9N-20 98.7E-30 119-15 3.8b								
NEIC	I 08 17 19 47.3-1.8 1.87N 98.82E 120-11 4.1b								
IDC	I 08 17 19 48.0-1.9 2.00N 98.97E 117-6 3.7,3.5								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=56.2km s-min=17.9km az=112.3.								
NEIC	Event type se. Error ellipse: s-maj=37.5km s-min=12.9km az=56.0.								
IDC	Error ellipse: s-maj=61.7km s-min=19.8km az=56.0.								
ISC	I 09 22 25 15.1-4.7 2.1N-20 98.9E-30 3-25 3.9b 14 1-70								
ISCJB	I 09 22 25 13.9-4.3 2.0N-20 98.9E-30 10-23 3.9b								
NEIC	I 09 22 25 16.6-3.0 2.05N 98.92E 14-15 4.3b								
IDC	I 09 22 25 17.6-4.4 2.16N 99.01E 16-22 3.7,3.7								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=61.9km s-min=14.6km az=108.5.								
NEIC	Event type se. Error ellipse: s-maj=38.5km s-min=9.1km az=54.0.								
IDC	Error ellipse: s-maj=60.6km s-min=22.4km az=58.0.								
ISC	I 11 02 07 19.6-2.8 0.2N-10 98.0E-10 45-22 4.5b 38 3-144								
IDC	I 11 02 07 12.1-92 0.05S 97.65E 0 4.5,4.4b								
BUI	I 11 02 07 13.2 0.46S 98.10E 43 5.1b,5.0b								
NEIC	I 11 02 07 16.1-35 0.03N 97.78E 25 4.5b,5.0b								
ISCJB	I 11 02 07 17.8-2.9 0.2N-10 98.0E-10 48-22 4.5b,5.0b								
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	I 16 00 15 55.4-73 2.6N-10 99.2E-10 165-6 3.8b 12 0-70								
ISCJB	I 16 00 15 53.9-77 2.6N-10 99.1E-10 171-6 3.8b								
IDC	I 16 00 15 54.6-56 2.54N 99.15E 162-3 3.7,3.3								
NEIC	I 16 00 15 55.3-81 2.59N 99.17E 169-7 4.6b,3.3								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=25.2km s-min=19.0km az=136.5.								
IDC	Error ellipse: s-maj=30.9km s-min=15.9km az=48.0.								
NEIC	Event type se. Error ellipse: s-maj=20.1km s-min=14.1km az=67.0.								
ISC	I 18 01 46 20.6-2.2 1.9N-10 97.1E-10 53-19 4.2b 28 2-145								
IDC	I 18 01 46 12.8-82 1.81N 96.89E 0 4.3,4.2								
BUI	I 18 01 46 18.5 1.90N 97.00E 47 5.0b,4.7b								
ISCJB	I 18 01 46 19.2-2.3 1.9N-10 97.1E-10 61-19 4.2b,4.7b								
NEIC	I 18 01 46 19.6-1.7 1.85N 96.99E 47-14 4.3b,4.7b								
ISC	Event type se.								
IDC	Error ellipse: s-maj=27.3km s-min=17.1km az=35.0.								
ISCJB	Event type se. Error ellipse: s-maj=21.0km s-min=12.5km az=94.5.								
NEIC	Event type se. Error ellipse: s-maj=13.9km s-min=8.0km az=52.0.								
ISC	I 27 18 13 55.7-4.0 1.2N-20 97.4E-20 56-30 4.3b 20 2-59								
IDC	I 27 18 13 47.4-1.6 1.08N 97.03E 0 4.0b,4.0								
BUI	I 27 18 13 51.1 1.10N 97.20E 30 4.6b,4.0								
NEIC	I 27 18 13 52.1-1.1 1.09N 97.20E 30 4.2b,4.0								
ISCJB	I 27 18 13 53.3-4.2 1.2N-20 97.3E-20 56-31 4.3b,4.0								
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	I 31 13 19 25.5-2.8 0.7N-10 97.4E-10 37-23 4.3b 33 3-83								
IDC	I 31 13 19 19.1-1.1 0.60N 97.23E 0 4.2,4.1b								
ISCJB	I 31 13 19 20.7-4.1 0.64N-08 97.30E-09 19-29 4.3b,4.1b								
MOS	I 31 13 19 22.0-1.7 0.64N 97.30E 33 4.5b,4.1b								
NEIC	I 31 13 19 24.2-64 0.66N 97.42E 30 4.3b,4.1b								
ISC	Event type se.								
IDC	Error ellipse: s-maj=33.0km s-min=19.9km az=59.0.								
ISCJB	Event type se. Error ellipse: s-maj=16.4km s-min=13.0km az=131.0.								
MOS	Error ellipse: s-maj=23.3km s-min=11.9km az=89.4.								
NEIC	Event type se. Error ellipse: s-maj=14.2km s-min=10.9km az=48.0.								
ISC	I 31 19 24 38.9-2.1 2.62N-09 96.1E-10 58-20 4.5b 27 3-81								
NEIC	I 31 19 24 35.0-55 2.51N 95.98E 30 4.7b								
IDC	I 31 19 24 35.3-6.6 2.55N 96.01E 28-41 4.3,4.2b								
MOS	I 31 19 24 35.4-1.4 2.77N 96.01E 33 4.9b,4.2b								
ISCJB	I 31 19 24 37.4-2.3 2.63N-09 96.1E-10 62-21 4.5b,4.2b								
ISC	Event type se.								
NEIC	Event type se.								
ISCJB	Event type se.								
ISC	I 17 22 23 15.6-37 5.34N-05 94.30E-04 57 4.7b,3.6s 97 5-141								
BUI	I 17 22 23 12.7 5.15N 94.42E 61 5.1b,4.8b								
ISCJB	I 17 22 23 13.4-37 5.30N-05 94.30E-04 55 4.7b,3.6s								
MOS	I 17 22 23 13.9-88 5.36N 94.32E 59 5.0b,3.6s								
NEIC	I 17 22 23 14.9-33 5.31N 94.25E 53 4.8b,3.6s								
IDC	I 17 22 23 15.3-2.5 5.32N 94.26E 54-22 4.7,4.5								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=7.9km s-min=5.2km az=50.0.								
MOS	Error ellipse: s-maj=16.0km s-min=7.1km az=114.5.								
NEIC	Event type se. Error ellipse: s-maj=10.8km s-min=5.9km az=41.0.								
IDC	Error ellipse: s-maj=20.1km s-min=13.2km az=34.0.								
IDC	I 07 14 49 01.0-1.0 1.88N 98.79E 0 3.8,3.7b								
IDC	Error ellipse: s-maj=29.2km s-min=11.8km az=97.0.								
IDC	I 07 15 10 07.3-1.5 0.88N 97.20E 0 3.6b,3.6								
IDC	Error ellipse: s-maj=31.1km s-min=19.8km az=133.0.								
IDC	I 09 04 05 42.6-1.7 0.77N 97.68E 0 3.8,3.7b								
IDC	Error ellipse: s-maj=39.8km s-min=26.6km az=66.0.								
IDC	I 11 20 47 05.0-3.0 5.34N 94.93E 0 3.9,3.7b								
IDC	Error ellipse: s-maj=122.9km s-min=25.4km az=57.0.								
IDC	I 13 18 33 41.1-2.0 0.84N 97.22E 0 3.5b,3.5								
IDC	Error ellipse: s-maj=54.0km s-min=27.4km az=54.0.								
IDC	I 13 23 40 41.6-1.9 0.79N 97.32E 0 3.8b,3.8								
IDC	Error ellipse: s-maj=51.8km s-min=27.0km az=54.0.								
IDC	I 20 13 40 55.5-1.9 0.99N 97.08E 0 3.6b,3.6								
IDC	Error ellipse: s-maj=50.9km s-min=29.8km az=51.0.								

IDC	I 25 09 45 46.6-4.3 4.73N 95.86E 31-7 3.8,3.7								
IDC	Error ellipse: s-maj=196.1km s-min=18.3km az=53.0.								
IDC	I 29 16 55 25.6-2.6 0.11N 97.66E 0 3.5b,3.5								
IDC	Error ellipse: s-maj=73.4km s-min=29.4km az=63.0.								
IDC	I 29 17 02 38.8-4.0 1.33N 97.89E 0 4.0,3.8b								
IDC	Error ellipse: s-maj=156.5km s-min=28.0km az=56.0.								
ISC	I 01 08 47 13.8-15 4.74N-03 95.15E-02 53 5.7b,5.0s 635 1-172								
ISCJB	I 01 08 47 11.5-15 4.70N-03 95.14E-02 51 5.7b,5.0s								
BUI	I 01 08 47 11.2 4.58N 95.02E 62 5.6b,5.5b								
MOS	I 01 08 47 11.3-93 4.84N 95.19E 45 5.7b,5.1s								
SZGRF	I 01 08 47 11.0 4.34N 95.39E 51 5.6b,5.1s								
NEIC	I 01 08 47 13.3-10 4.74N 95.14E 52 5.7b,5.6								
HRVD	I 01 08 47 13.4-20 4.36N 95.06E 55-0 5.5W,5.6								
IDC	I 01 08 47 13.5-40 4.76N 95.14E 54-3 5.4,5.1								
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=4.1km s-min=2.6km az=12.7.								
MOS	Error ellipse: s-maj=7.9km s-min=4.3km az=122.1.								
SZGRF	Northern Sumatera, Indonesia.								
NEIC	Event type se. Error ellipse: s-maj=4.2km s-min=2.8km az=208.0. Felt [III] at Banda Aceh and Meulaboh. Felt at Calang. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1: $\phi=130.00000^\circ$; $\delta=60.00000^\circ$; $\lambda=100.00000^\circ$. NP2: $\phi=291.00000^\circ$; $\delta=31.00000^\circ$; $\lambda=73.00000^\circ$. Principal axes: T P1g73.0000; Azm65.0000; N P1g0.0000; Azm0.0000; P P1g14.0000; Azm213.0000; Moment Tensor Solution. s13 Moment tensor: Scale 1017Nm; M ₁ =2.01 M ₂ =0.09 M ₃ =-1.93 M ₄ =0.62 M ₅ =0.50 M ₆ =-1.20 Best double couple: NP1: $\phi=353.00000^\circ$; $\delta=29.00000^\circ$; $\lambda=103.00000^\circ$. NP2: $\phi=159.00000^\circ$; $\delta=62.00000^\circ$; $\lambda=33.00000^\circ$. Principal axes: T 2.4400, P1g72.0000; Azm52.0000; N 0.0								

ISCJB	Event type se. Error ellipse: s-maj=38.0km s-min=20.1km az=76.0.	IDC	Error ellipse: s-maj=33.7km s-min=12.5km az=52.0.	ISC	I	26 20 04 41.0-69	1.07N-10	97.11E-08	35	4.2b,3.5s	44	3-144			
NEIC	Event type se. Error ellipse: s-maj=35.3km s-min=18.1km az=220.0.	IDC	Event type se. Error ellipse: s-maj=40.1km s-min=19.2km az=51.0.	ISC	I	26 20 04 35.2-1.1	0.95N	97.00E	0	4.2,4.1		18227256			
ISC	I	10 05 55 26.0-1.2	2.7N-10	96.1E-10	35	3.8b	7	5-46							
IDC	I	10 05 55 22.5-4.3	2.92N	96.45E	0	3.8,3.7b						19479804			
ISCJB	I	10 05 55 23.7-1.2	2.7N-10	96.2E-10	33	3.8b,3.7b									
NEIC	I	10 05 55 24.7-1.5	2.65N	96.08E	30	3.9b,3.7b									
ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.		
IDC	Error ellipse: s-maj=160.7km s-min=32.6km az=58.0.	IDC	Error ellipse: s-maj=160.7km s-min=32.6km az=58.0.	IDC	Error ellipse: s-maj=160.7km s-min=32.6km az=58.0.	IDC	Error ellipse: s-maj=160.7km s-min=32.6km az=58.0.	IDC	Error ellipse: s-maj=160.7km s-min=32.6km az=58.0.	IDC	Error ellipse: s-maj=160.7km s-min=32.6km az=58.0.	IDC	Error ellipse: s-maj=160.7km s-min=32.6km az=58.0.		
ISCJB	Event type se. Error ellipse: s-maj=21.3km s-min=15.1km az=120.7.	ISCJB	Event type se. Error ellipse: s-maj=21.3km s-min=15.1km az=120.7.	ISCJB	Event type se. Error ellipse: s-maj=21.3km s-min=15.1km az=120.7.	ISCJB	Event type se. Error ellipse: s-maj=21.3km s-min=15.1km az=120.7.	ISCJB	Event type se. Error ellipse: s-maj=21.3km s-min=15.1km az=120.7.	ISCJB	Event type se. Error ellipse: s-maj=21.3km s-min=15.1km az=120.7.	ISCJB	Event type se. Error ellipse: s-maj=21.3km s-min=15.1km az=120.7.		
NEIC	Event type se. Error ellipse: s-maj=31.0km s-min=20.9km az=62.0.	NEIC	Event type se. Error ellipse: s-maj=31.0km s-min=20.9km az=62.0.	NEIC	Event type se. Error ellipse: s-maj=31.0km s-min=20.9km az=62.0.	NEIC	Event type se. Error ellipse: s-maj=31.0km s-min=20.9km az=62.0.	NEIC	Event type se. Error ellipse: s-maj=31.0km s-min=20.9km az=62.0.	NEIC	Event type se. Error ellipse: s-maj=31.0km s-min=20.9km az=62.0.	NEIC	Event type se. Error ellipse: s-maj=31.0km s-min=20.9km az=62.0.		
ISC	I	11 00 46 43.9-1.1	0.13N-04	97.91E-04	30-8	5.1b,4.9s	231	3-147							
ISCJB	I	11 00 46 40.2-1.2	0.14N-04	97.93E-04	18-8	5.1b,4.9s						18095389			
BJI	I	11 00 46 40.2	0.23N	97.84E	40	5.4b,5.3s									
HRVD	I	11 00 46 42.5-30	0.03N	97.67E	37-1	5.1W,5.3s									
MOS	I	11 00 46 42.6-93	0.23N	97.94E	33	5.4b,4.9s									
IDC	I	11 00 46 42.3-4.4	0.16N	97.90E	21-27	4.7,4.7									
NEIC	I	11 00 46 42.5-1.0	0.12N	97.90E	23-6	5.2b,4.7									
SZGRF	I	11 00 46 46.5	0.96N	97.92E	26	4.8b,4.7									
ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.		
ISCJB	Event type se. Error ellipse: s-maj=6.8km s-min=6.3km az=39.9.	ISCJB	Event type se. Error ellipse: s-maj=6.8km s-min=6.3km az=39.9.	ISCJB	Event type se. Error ellipse: s-maj=6.8km s-min=6.3km az=39.9.	ISCJB	Event type se. Error ellipse: s-maj=6.8km s-min=6.3km az=39.9.	ISCJB	Event type se. Error ellipse: s-maj=6.8km s-min=6.3km az=39.9.	ISCJB	Event type se. Error ellipse: s-maj=6.8km s-min=6.3km az=39.9.	ISCJB	Event type se. Error ellipse: s-maj=6.8km s-min=6.3km az=39.9.		
HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s44,c76; Mantle waves: s59,c95; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₃₃ :98±21; M ₁₁ :2.54±15; M ₂₂ :1.44±19; M ₃₃ :2.22±16; M ₁₁ :3.43±12; M ₂₂ :1.76±23; Best double couple: NP1:φ313.00000°; δ30.00000°; λ93.00000°; NP2:φ129.00000°; δ60.00000°; λ88.00000°; Principal axes: T: 4.7670,Plg74.0000°; Azm34.0000°; P: 1.4810,Plg2.0000°; Azm130.0000°; T: -6.2480,Plg15.0000°; Azm220.0000°; M ₅ :5.50700×10 ¹⁶	HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s44,c76; Mantle waves: s59,c95; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₃₃ :98±21; M ₁₁ :2.54±15; M ₂₂ :1.44±19; M ₃₃ :2.22±16; M ₁₁ :3.43±12; M ₂₂ :1.76±23; Best double couple: NP1:φ313.00000°; δ30.00000°; λ93.00000°; NP2:φ129.00000°; δ60.00000°; λ88.00000°; Principal axes: T: 4.7670,Plg74.0000°; Azm34.0000°; P: 1.4810,Plg2.0000°; Azm130.0000°; T: -6.2480,Plg15.0000°; Azm220.0000°; M ₅ :5.50700×10 ¹⁶	HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s44,c76; Mantle waves: s59,c95; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₃₃ :98±21; M ₁₁ :2.54±15; M ₂₂ :1.44±19; M ₃₃ :2.22±16; M ₁₁ :3.43±12; M ₂₂ :1.76±23; Best double couple: NP1:φ313.00000°; δ30.00000°; λ93.00000°; NP2:φ129.00000°; δ60.00000°; λ88.00000°; Principal axes: T: 4.7670,Plg74.0000°; Azm34.0000°; P: 1.4810,Plg2.0000°; Azm130.0000°; T: -6.2480,Plg15.0000°; Azm220.0000°; M ₅ :5.50700×10 ¹⁶	HRVD	Error ellipse: s-maj=2.2km s-min=2.2km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s44,c76; Mantle waves: s59,c95; Half duration: 0 Moment tensor: Scale 10 ¹⁶ Nm; M ₃₃ :98±21; M ₁₁ :2.54±15; M ₂₂ :1.44±19; M ₃₃ :2.22±16; M ₁₁ :3.43±12; M ₂₂ :1.76±23; Best double couple: NP1:φ313.00000°; δ30.00000°; λ93.00000°; NP2:φ129.00000°; δ60.00000°; λ88.00000°; Principal axes: T: 4.7670,Plg74.0000°; Azm34.0000°; P: 1.4810,Plg2.0000°; Azm130.0000°; T: -6.2480,Plg15.0000°; Azm220.0000°; M ₅ :5.50700×10 ¹⁶								
MOS	Error ellipse: s-maj=10.1km s-min=5.3km az=112.8.	MOS	Error ellipse: s-maj=10.1km s-min=5.3km az=112.8.	MOS	Error ellipse: s-maj=10.1km s-min=5.3km az=112.8.	MOS	Error ellipse: s-maj=10.1km s-min=5.3km az=112.8.	MOS	Error ellipse: s-maj=10.1km s-min=5.3km az=112.8.	MOS	Error ellipse: s-maj=10.1km s-min=5.3km az=112.8.	MOS	Error ellipse: s-maj=10.1km s-min=5.3km az=112.8.	MOS	Error ellipse: s-maj=10.1km s-min=5.3km az=112.8.
IDC	Error ellipse: s-maj=18.5km s-min=12.2km az=49.0.	IDC	Error ellipse: s-maj=18.5km s-min=12.2km az=49.0.	IDC	Error ellipse: s-maj=18.5km s-min=12.2km az=49.0.	IDC	Error ellipse: s-maj=18.5km s-min=12.2km az=49.0.	IDC	Error ellipse: s-maj=18.5km s-min=12.2km az=49.0.	IDC	Error ellipse: s-maj=18.5km s-min=12.2km az=49.0.	IDC	Error ellipse: s-maj=18.5km s-min=12.2km az=49.0.	IDC	Error ellipse: s-maj=18.5km s-min=12.2km az=49.0.
NEIC	Event type se. Error ellipse: s-maj=7.7km s-min=5.7km az=219.0.	NEIC	Event type se. Error ellipse: s-maj=7.7km s-min=5.7km az=219.0.	NEIC	Event type se. Error ellipse: s-maj=7.7km s-min=5.7km az=219.0.	NEIC	Event type se. Error ellipse: s-maj=7.7km s-min=5.7km az=219.0.	NEIC	Event type se. Error ellipse: s-maj=7.7km s-min=5.7km az=219.0.	NEIC	Event type se. Error ellipse: s-maj=7.7km s-min=5.7km az=219.0.	NEIC	Event type se. Error ellipse: s-maj=7.7km s-min=5.7km az=219.0.	NEIC	Event type se. Error ellipse: s-maj=7.7km s-min=5.7km az=219.0.
SZGRF	Northern Sumatera, Indonesia.	SZGRF	Northern Sumatera, Indonesia.	SZGRF	Northern Sumatera, Indonesia.	SZGRF	Northern Sumatera, Indonesia.	SZGRF	Northern Sumatera, Indonesia.	SZGRF	Northern Sumatera, Indonesia.	SZGRF	Northern Sumatera, Indonesia.	SZGRF	Northern Sumatera, Indonesia.
ISC	I	11 01 04 25.8-60	5.4N-10	94.1E-10	35	4.0b	18	5-80							
ISCJB	I	11 01 04 23.8-65	5.4N-10	94.2E-10	33	4.0b						19480147			
NEIC	I	11 01 04 24.6-49	5.31N	93.98E	30	4.0b									
IDC	I	11 01 04 31.2-5.2	5.60N	94.61E	75-46	3.7,3.5L									
ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.		
ISCJB	Event type se. Error ellipse: s-maj=22.5km s-min=8.0km az=89.7.	ISCJB	Event type se. Error ellipse: s-maj=22.5km s-min=8.0km az=89.7.	ISCJB	Event type se. Error ellipse: s-maj=22.5km s-min=8.0km az=89.7.	ISCJB	Event type se. Error ellipse: s-maj=22.5km s-min=8.0km az=89.7.	ISCJB	Event type se. Error ellipse: s-maj=22.5km s-min=8.0km az=89.7.	ISCJB	Event type se. Error ellipse: s-maj=22.5km s-min=8.0km az=89.7.	ISCJB	Event type se. Error ellipse: s-maj=22.5km s-min=8.0km az=89.7.	ISCJB	Event type se. Error ellipse: s-maj=22.5km s-min=8.0km az=89.7.
NEIC	Event type se. Error ellipse: s-maj=18.0km s-min=8.6km az=47.0.	NEIC	Event type se. Error ellipse: s-maj=18.0km s-min=8.6km az=47.0.	NEIC	Event type se. Error ellipse: s-maj=18.0km s-min=8.6km az=47.0.	NEIC	Event type se. Error ellipse: s-maj=18.0km s-min=8.6km az=47.0.	NEIC	Event type se. Error ellipse: s-maj=18.0km s-min=8.6km az=47.0.	NEIC	Event type se. Error ellipse: s-maj=18.0km s-min=8.6km az=47.0.	NEIC	Event type se. Error ellipse: s-maj=18.0km s-min=8.6km az=47.0.	NEIC	Event type se. Error ellipse: s-maj=18.0km s-min=8.6km az=47.0.
IDC	Error ellipse: s-maj=69.6km s-min=22.1km az=55.0.	IDC	Error ellipse: s-maj=69.6km s-min=22.1km az=55.0.	IDC	Error ellipse: s-maj=69.6km s-min=22.1km az=55.0.	IDC	Error ellipse: s-maj=69.6km s-min=22.1km az=55.0.	IDC	Error ellipse: s-maj=69.6km s-min=22.1km az=55.0.	IDC	Error ellipse: s-maj=69.6km s-min=22.1km az=55.0.	IDC	Error ellipse: s-maj=69.6km s-min=22.1km az=55.0.	IDC	Error ellipse: s-maj=69.6km s-min=22.1km az=55.0.
ISC	I	11 07 11 44.0-1.1	5.7N-10	94.5E-10	35	4.0b	10	5-141							
ISCJB	I	11 07 11 41.4-1.2	5.7N-10	94.5E-10	33	4.0b						19480238			
NEIC	I	11 07 11 41.1-1.5	5.43N	94.12E	30	4.2b									
IDC	I	11 07 11 49.3-6.3	5.65N	94.77E	87-46	3.9,3.6									
ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.		
ISCJB	Event type se. Error ellipse: s-maj=25.3km s-min=9.4km az=70.5.	ISCJB	Event type se. Error ellipse: s-maj=25.3km s-min=9.4km az=70.5.	ISCJB	Event type se. Error ellipse: s-maj=25.3km s-min=9.4km az=70.5.	ISCJB	Event type se. Error ellipse: s-maj=25.3km s-min=9.4km az=70.5.	ISCJB	Event type se. Error ellipse: s-maj=25.3km s-min=9.4km az=70.5.	ISCJB	Event type se. Error ellipse: s-maj=25.3km s-min=9.4km az=70.5.	ISCJB	Event type se. Error ellipse: s-maj=25.3km s-min=9.4km az=70.5.	ISCJB	Event type se. Error ellipse: s-maj=25.3km s-min=9.4km az=70.5.
NEIC	Event type se. Error ellipse: s-maj=42.5km s-min=14.4km az=46.0.	NEIC	Event type se. Error ellipse: s-maj=42.5km s-min=14.4km az=46.0.	NEIC	Event type se. Error ellipse: s-maj=42.5km s-min=14.4km az=46.0.	NEIC	Event type se. Error ellipse: s-maj=42.5km s-min=14.4km az=46.0.	NEIC	Event type se. Error ellipse: s-maj=42.5km s-min=14.4km az=46.0.	NEIC	Event type se. Error ellipse: s-maj=42.5km s-min=14.4km az=46.0.	NEIC	Event type se. Error ellipse: s-maj=42.5km s-min=14.4km az=46.0.	NEIC	Event type se. Error ellipse: s-maj=42.5km s-min=14.4km az=46.0.
IDC	Error ellipse: s-maj=106.8km s-min=23.4km az=57.0.	IDC	Error ellipse: s-maj=106.8km s-min=23.4km az=57.0.	IDC	Error ellipse: s-maj=106.8km s-min=23.4km az=57.0.	IDC	Error ellipse: s-maj=106.8km s-min=23.4km az=57.0.	IDC	Error ellipse: s-maj=106.8km s-min=23.4km az=57.0.	IDC	Error ellipse: s-maj=106.8km s-min=23.4km az=57.0.	IDC	Error ellipse: s-maj=106.8km s-min=23.4km az=57.0.	IDC	Error ellipse: s-maj=106.8km s-min=23.4km az=57.0.
ISC	I	12 13 36 13.5-4.6	1.30N-06	97.14E-05	28	4.7b,4.2s	95	2-88							
ISCJB	I	12 13 36 10.8-4.7	1.26N-06	97.11E-05	27	4.7b,4.2s						18035863			
BJI	I	12 13 36 10.9	1.09N	97.42E	33	4.9b,4.8b									
IDC	I	12 13 36 11.8-7.7	1.15N	97.01E	24-3	4.2,4.2									
MOS	I	12 13 36 12.7-1.0	1.44N	96.99E	33	5.0b,4.2									
NEIC	I	12 13 36 12.2-5.8	1.25N	97.09E	25	4.7b,4.2									
ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.		
ISCJB	Event type se. Error ellipse: s-maj=8.7km s-min=6.6km az=25.6.	ISCJB	Event type se. Error ellipse: s-maj=8.7km s-min=6.6km az=25.6.	ISCJB	Event type se. Error ellipse: s-maj=8.7km s-min=6.6km az=25.6.	ISCJB	Event type se. Error ellipse: s-maj=8.7km s-min=6.6km az=25.6.	ISCJB	Event type se. Error ellipse: s-maj=8.7km s-min=6.6km az=25.6.	ISCJB	Event type se. Error ellipse: s-maj=8.7km s-min=6.6km az=25.6.	ISCJB	Event type se. Error ellipse: s-maj=8.7km s-min=6.6km az=25.6.	ISCJB	Event type se. Error ellipse: s-maj=8.7km s-min=6.6km az=25.6.
IDC	Error ellipse: s-maj=17.1km s-min=14.9km az=8.0.	IDC	Error ellipse: s-maj=17.1km s-min=14.9km az=8.0.	IDC	Error ellipse: s-maj=17.1km s-min=14.9km az=8.0.	IDC	Error ellipse: s-maj=17.1km s-min=14.9km az=8.0.	IDC	Error ellipse: s-maj=17.1km s-min=14.9km az=8.0.	IDC	Error ellipse: s-maj=17.1km s-min=14.9km az=8.0.	IDC	Error ellipse: s-maj=17.1km s-min=14.9km az=8.0.	IDC	Error ellipse: s-maj=17.1km s-min=14.9km az=8.0.
MOS	Error ellipse: s-maj=15.3km s-min=8.8km az=87.5.	MOS	Error ellipse: s-maj=15.3km s-min=8.8km az=87.5.	MOS	Error ellipse: s-maj=15.3km s-min=8.8km az=87.5.	MOS	Error ellipse: s-maj=15.3km s-min=8.8km az=87.5.	MOS	Error ellipse: s-maj=15.3km s-min=8.8km az=87.5.	MOS	Error ellipse: s-maj=15.3km s-min=8.8km az=87.5.	MOS	Error ellipse: s-maj=15.3km s-min=8.8km az=87.5.	MOS	Error ellipse: s-maj=15.3km s-min=8.8km az=87.5.
NEIC	Event type se. Error ellipse: s-maj=12.4km s-min=10.4km az=184.0.	NEIC	Event type se. Error ellipse: s-maj=12.4km s-min=10.4km az=184.0.	NEIC	Event type se. Error ellipse: s-maj=12.4km s-min=10.4km az=184.0.	NEIC	Event type se. Error ellipse: s-maj=12.4km s-min=10.4km az=184.0.	NEIC	Event type se. Error ellipse: s-maj=12.4km s-min=10.4km az=184.0.	NEIC	Event type se. Error ellipse: s-maj=12.4km s-min=10.4km az=184.0.	NEIC	Event type se. Error ellipse: s-maj=12.4km s-min=10.4km az=184.0.	NEIC	Event type se. Error ellipse: s-maj=12.4km s-min=10.4km az=184.0.
ISC	I	21 04 01 33.7-1.4	1.2N-20	97.2E-20	35	3.8b	8	2-56							
IDC	I	21 04 01 27.6-1.9	1.10N	96.98E	0	3.8,3.7b						19484361			
ISCJB	I	21 04 01 31.0-1.4	1.2N-20	97.1E-10	33	3.8b,3.7b									
NEIC	I	21 04 01 32.4-1.1	1.16N	97.08E	30	4.2b,3.7b									
ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.	ISC	Event type se.		
IDC	Error ellipse: s-maj=51.2km s-min=26.5km az=50.0.	IDC													

HRVD	I	11 07 34 58.4-1.0	0.02S	97.87E	44-2	4.9W,5.0s			
SZGRF	I	11 07 35 00.3	0.85N	98.10E	28	5.0b,5.0s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=26.0km s-min=17.1km az=51.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.0km s-min=5.3km az=26.8.								
MOS	Error ellipse: s-maj=12.0km s-min=7.0km az=11.0.								
NEIC	Event type se. Error ellipse: s-maj=7.0km s-min=5.3km az=42.0.								
HRVD	Error ellipse: s-maj=6.7km s-min=5.6km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s21,c33; Mantle waves: s44,c55;Half duration: 0 Moment tensor: Scale 1016 Nm; M1:875.28 Mw:0.90±.17; M2:0.97±.22; M3:0.82±.14; M4:0.2±.13; M5:0.84±.22; Best double couple: NP1:0.316,0.0000°; 832.00000°; 190.00000°; NP2:0.136,0.00000°; 858.00000°; 190.00000°; Principal axes: T 2.1420,Plg77.0000°; Azm45.0000°; N 1.0850,Plg0.0000°; Azm136.0000°; P -3.2270,Plg13.0000°; Azm226.0000°; M2.68400×1016								
SZGRF	Northern Sumatera, Indonesia.								
ISC	I	13 22 47 26.3-32	1.31N-04	97.13E-03	44	4.9b,4.8s	166	2-145	
IDC	I	13 22 47 19.1-68	1.17N	96.97E	0	4.6b,4.6s			18078605
MOS	I	13 22 47 22.3-89	1.24N	97.08E	32	5.2b,5.1s			
BJI	I	13 22 47 23.9	1.27N	97.29E	43	5.2s,5.2b			
ISCJB	I	13 22 47 24.1-33	1.32N-04	97.14E-03	42	4.9b,4.8s			
NEIC	I	13 22 47 26.1-35	1.33N	97.11E	44	4.9b,4.8s			
HRVD	I	13 22 47 26.0-80	1.35N	97.28E	35-1	4.9W,4.8s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=23.2km s-min=17.4km az=41.0.								
MOS	Error ellipse: s-maj=11.2km s-min=6.7km az=102.9.								
ISCJB	Event type se. Error ellipse: s-maj=6.2km s-min=4.9km az=11.8.								
NEIC	Event type se. Error ellipse: s-maj=9.6km s-min=7.5km az=187.0.								
HRVD	Error ellipse: s-maj=6.7km s-min=4.4km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s26,c38; Mantle waves: s35,c51;Half duration: 0 Moment tensor: Scale 1016 Nm; M1:1.50±.26 Mw:1.47±.15; M2:0.02±.22; M3:0.92±.28; M4:2.55±.15; M5:0.86±.38; Best double couple: NP1:0.263,0.0000°; 857.00000°; 115.00000°; NP2:0.164,0.00000°; 877.00000°; 114.6,0.0000°; Principal axes: T 1.9860,Plg33.0000°; Azm118.0000°; N 1.7160,Plg54.0000°; Azm326.0000°; P -3.7000,Plg14.0000°; Azm217.0000°; M2.84300×1016								
ISC	I	21 15 17 51.2-60	1.30N-08	97.17E-08	35	4.5b,3.8s	54	2-82	
IDC	I	21 15 17 44.9-1.4	1.11N	96.93E	0	4.3,4.2			18227155
BJI	I	21 15 17 46.7	1.43N	97.36E	10	4.9b,4.7b			
ISCJB	I	21 15 17 48.6-60	1.27N-08	97.10E-08	33	4.5b,3.8s			
MOS	I	21 15 17 48.8-1.2	1.34N	97.21E	33	4.7b,3.8s			
NEIC	I	21 15 17 49.1-51	1.20N	97.11E	24	4.5b,3.8s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=43.7km s-min=19.9km az=54.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.9km s-min=8.3km az=90.1.								
MOS	Error ellipse: s-maj=24.6km s-min=10.1km az=102.9.								
NEIC	Event type se. Error ellipse: s-maj=12.2km s-min=7.7km az=224.0.								
ISC	I	30 04 35 20.3-31	1.06N-04	97.28E-04	25	4.9s,4.8b	174	2-146	
SZGRF	I	30 04 35 16.1	0.75N	98.63E	24	4.8b,4.8b			18079575
BJI	I	30 04 35 17.0	0.85N	97.28E	31	5.3b,5.1s			
ISCJB	I	30 04 35 18.0-32	1.05N-04	97.28E-04	24	4.9s,4.8b			
MOS	I	30 04 35 19.6-1.1	1.14N	97.27E	33	5.1b,5.0s			
NEIC	I	30 04 35 19.8-25	1.05N	97.27E	24	4.8b,5.0s			
IDC	I	30 04 35 20.4-7.4	1.03N	97.28E	31-53	4.6s,4.6			
ISC	Event type se.								
SZGRF	Northern Sumatera, Indonesia.								
ISCJB	Event type se. Error ellipse: s-maj=6.4km s-min=5.2km az=15.4.								
MOS	Error ellipse: s-maj=11.5km s-min=6.2km az=104.9.								
NEIC	Event type se. Error ellipse: s-maj=6.4km s-min=5.7km az=183.0.								
IDC	Error ellipse: s-maj=21.6km s-min=16.7km az=55.0.								
ISC	I	13 10 47 10.2-1.4	1.05N-08	97.51E-08	52-10	4.7b	69	2-146	
IDC	I	13 10 47 02.1-92	0.84N	97.30E	0	4.5,4.4			18185196
MOS	I	13 10 47 06.1-96	1.10N	97.48E	33	5.0b,4.4			
BJI	I	13 10 47 07.0	1.05N	97.64E	39	5.3s,5.2b			
ISCJB	I	13 10 47 08.7-1.5	1.06N-08	97.52E-08	57-11	4.7b,5.2b			
NEIC	I	13 10 47 08.7-1.9	0.96N	97.45E	44-15	4.5b,5.2b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=30.4km s-min=19.1km az=43.0.								
MOS	Error ellipse: s-maj=18.2km s-min=9.7km az=97.7.								
ISCJB	Event type se. Error ellipse: s-maj=16.5km s-min=9.5km az=93.8.								
NEIC	Event type se. Error ellipse: s-maj=17.7km s-min=8.4km az=54.0.								
ISC	I	19 00 22 41.9-90	0.96N-10	97.6E-20	35	3.9b	12	2-62	
IDC	I	19 00 22 35.7-2.1	0.80N	97.48E	0	3.8,3.7b			19483658
ISCJB	I	19 00 22 39.2-91	0.90N-10	97.6E-20	33	3.9b,3.7b			
NEIC	I	19 00 22 42.3-3.4	0.92N	97.61E	42-28	4.2b,3.7b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=56.2km s-min=27.6km az=58.0.								
ISCJB	Event type se. Error ellipse: s-maj=23.3km s-min=12.7km az=143.3.								
NEIC	Event type se. Error ellipse: s-maj=33.7km s-min=10.6km az=62.0.								
ISC	I	19 05 23 49.7-1.1	5.4N-20	94.7E-20	35	4.0b	17	5-141	
ISCJB	I	19 05 23 47.5-1.1	5.4N-20	94.7E-20	33	4.0b			18188248
MOS	I	19 05 23 47.3-78	5.40N	94.98E	33	4.4b			
NEIC	I	19 05 23 48.3-87	5.27N	94.68E	30	4.2b			
IDC	I	19 05 23 53.0-5.0	5.36N	94.86E	70-44	3.9,3.8			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=33.9km s-min=8.1km az=81.1.								
MOS	Error ellipse: s-maj=45.3km s-min=16.4km az=113.1.								
NEIC	Event type se. Error ellipse: s-maj=30.0km s-min=9.6km az=222.0.								
IDC	Error ellipse: s-maj=65.6km s-min=22.5km az=55.0.								
ISC	I	19 22 46 06.0-65	1.25N-08	97.04E-09	35	4.3b	30	2-59	
IDC	I	19 22 45 59.9-1.4	1.08N	96.86E	0	4.1,4.0b			18188266
ISCJB	I	19 22 46 03.3-63	1.21N-08	96.96E-08	33	4.3b,4.0b			
MOS	I	19 22 46 03.3-88	1.16N	96.90E	33	4.7b,4.0b			
NEIC	I	19 22 46 05.0-57	1.21N	96.98E	30	4.3b,4.0b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=26.9km s-min=21.4km az=173.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.8km s-min=9.5km az=96.1.								
MOS	Error ellipse: s-maj=21.9km s-min=13.1km az=105.7.								
NEIC	Event type se. Error ellipse: s-maj=13.1km s-min=8.3km az=49.0.								
ISC	I	21 05 02 26.5-1.4	1.10N-09	97.37E-09	53-12	4.6b,4.0s	52	2-144	
IDC	I	21 05 02 18.4-1.2	0.93N	97.08E	0	4.4,4.3b			18078977
MOS	I	21 05 02 21.4-1.2	1.00N	97.21E	33	4.8b,4.3b			
BJI	I	21 05 02 22.8	0.91N	97.46E	48	5.1b,4.7s			
ISCJB	I	21 05 02 24.2-1.4	1.11N-09	97.32E-09	51-12	4.6b,4.0s			
NEIC	I	21 05 02 25.2-3.1	1.04N	97.28E	46-23	4.7b,4.0s			
ISC	Event type se.								
IDC	Error ellipse: s-maj=36.3km s-min=23.8km az=42.0.								
MOS	Error ellipse: s-maj=18.8km s-min=9.1km az=92.1.								
ISCJB	Event type se. Error ellipse: s-maj=16.7km s-min=13.8km az=83.8.								
NEIC	Event type se. Error ellipse: s-maj=29.0km s-min=13.2km az=216.0.								
ISC	I	31 19 15 52.6-14	2.68N-03	96.06E-02	27	5.7b,5.7s	684	3-173	
BJI	I	31 19 15 49.2	2.60N	96.17E	24	6.2s,6.2b			18079663
ISCJB	I	31 19 15 50.3-14	2.66N-03	96.07E-02	25	5.7b,5.7s			
HRVD	I	31 19 15 51.6-10	2.34N	95.90E	23	5.9W,5.7s			
SZGRF	I	31 19 15 51.1	2.21N	96.07E	30	5.6s,5.5b			
IDC	I	31 19 15 51.8-46	2.66N	96.14E	25-2	5.8s,5.7			
NEIC	I	31 19 15 51.6-14	2.70N	96.07E	20	5.9W,5.7b			
MOS	I	31 19 15 52.5-1.1	2.84N	96.08E	33	5.9b,5.6s			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=3.8km s-min=2.6km az=22.4.								
HRVD	Error ellipse: s-maj=1.1km s-min=1.1km az=1.0. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Centroid Moment Tensor Solution. LP body waves: s85,c184; Mantle waves: s88,c257;Half duration: 293 Moment tensor: Scale 1017Nm; M1:4.63±.06 Mw:3.35±.05; M2:1.28±.06; M3:4.62±.09; M4:2.7±.04; M5:0.84±.10; Best double couple: NP1:0.293,0.0000°; 819.00000°; 170.00000°; NP2:0.134,0.00000°; 872.00000°; 197.00000°; Principal axes: T 8.0860,Plg62.0000°; Azm55.0000°; N 0.4970,Plg7.0000°; Azm312.0000°; P -8.5830,Plg27.0000°; Azm219.0000°; M8.33400×1017								
SZGRF	Northern Sumatera, Indonesia.								
IDC	Error ellipse: s-maj=13.1km s-min=10.1km az=36.0.								

NEIC	Event type se. Error ellipse: s-maj=5.1km s-min=3.5km az=198.0. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. Moment Tensor Solution. Broadband fault plane solution: P waves. NP1:0.140,0.0000°; 875.00000°; 190.00000°; NP2:0.320,0.0000°; 815.00000°; 190.00000°; Principal axes: T Plg60.0000°; Azm50.0000°; N Plg0.0000°; Azm0.0000°; P Plg0.0000°; Azm230.0000°; Moment Tensor Solution. s39 Moment tensor: Scale 1017Nm; M1:5.03 Mw:4.73 Mw:0.29 Mw:5.19 Mw:2.59 Mw:4.14 Best double couple: NP1:0.281,0.0000°; 821.00000°; 166.00000°; NP2:0.126,0.0000°; 871.00000°; 199.00000°; Principal axes: T 8.2900,Plg63.0000°; Azm50.0000°; N 0.6600,Plg8.0000°; Azm303.0000°; P -8.9500,Plg25.0000°; Azm209.0000°; M8.60000×1017								
MOS	Error ellipse: s-maj=7.4km s-min=4.1km az=118.7.								
IDC	V	16 16 43 48.9-2.3	0.22N	97.17E	0	4.4s,4.4			19599041
IDC	Error ellipse: s-maj=65.8km s-min=26.6km az=63.0.								
V	16 16 53 31.2-2.1	0.07N	97.22E	0	3.8,3.8b				19599042
IDC	Error ellipse: s-maj=65.7km s-min=22.8km az=63.0.								
V	16 18 21 14.6-2.2	0.09N	97.29E	0	4.6,4.6s				19599047
IDC	Error ellipse: s-maj=67.3km s-min=25.5km az=62.0.								
V	16 18 58 40.2-2.3	0.05N	97.16E	0	3.6b,3.6				19599050
IDC	Error ellipse: s-maj=68.1km s-min=26.3km az=61.0.								
V	16 19 01 34.1-2.1	0.01N	97.18E	0	3.8,3.7b				19599051
IDC	Error ellipse: s-maj=64.9km s-min=24.2km az=65.0.								
ISC	V	16 21 12 23.5-1.5	0.14N-04	97.12E-04	34-10	4.8b,4.8s	256	3-158	
SZGRF	V	16 21 12 17.9	0.81S	97.80E	32	4.8b,4.8s			18339076
BJI	V	16 21 12 19.4	0.23S	97.18E	37	5.5b,5.1s			
ISCJB	V	16 21 12 19.1-1.4	0.13N-04	97.10E-04	17-9	4.8b,4.8s			
MOS	V	16 21 12 21.6-89	0.23N	97.13E	33	5.1b,4.8s			
NEIC	V	16 21 12 22.8-19	0.14N	97.13E	32	4.9b,4.8s			
IDC	V	16 21 12 23.0-39	0.13N	97.09E	32-2	4.6,4.5			
ISC	Event type se.								
SZGRF	Southwest of Sumatera, Indonesia.								
ISCJB	Event type se. Error ellipse: s-maj=6.9km s-min=6.6km az=64.5.								
MOS	Error ellipse: s-maj=9.4km s-min=5.1km az=116.2.								
NEIC	Event type se. Error ellipse: s-maj=7.3km s-min=4.6km az=45.0.								
IDC	Error ellipse: s-maj=18.5km s-min=8.6km az=42.0.								
IDC	V	16 21 15 44.7-2.5	0.34N	97.23E	0	3.9,3.8b			19599057
IDC	Error ellipse: s-maj=117.1km s-min=25.1km az=57.0.								
IDC	V	16 21 16 20.2-1.5	0.10N	97.10E	30-7	4.0,3.9			19599058
IDC	Error ellipse: s-maj=54.5km s-min=19.5km az=60.0.								
IDC	V	16 21 22 19.4-1.5	0.03N	97.01E	33-7	3.8,3.7			

(709) Southeastern Afghanistan.

II	23 15 48 35.1-5.6	34.94N	69.34E	50-999	3.5b,3.3			
NNC						¶18354127		
ISC	VI	20 01 46 32.9-52	33.81N-04	69.26E-06	35	3.9b	63	2-64
IDC	VI	20 01 46 26.8-3.4	33.59N	69.41E	0	4.0,3.9b		
ISC	VI	20 01 46 30.6-50	33.77N-04	69.31E-05	33	3.9b,3.9b		
MOS	VI	20 01 46 30.5-1.2	33.77N	69.40E	33	3.7b,3.9b		
BJI	VI	20 01 46 32.3	33.80N	69.40E	35	3.6b,3.9b		
NEIC	VI	20 01 46 32.4-65	33.75N	69.41E	35	4.1b,3.9b		
ISC								
IDC								
ISC	III	07 15 26 57.6-1.7	34.32N-09	69.0E-10	35		17	7-16
ISC	III	07 15 26 56.2-1.7	34.45N-09	69.0E-20	33		¶10599119	
ISC	III	07 15 26 59.5-5.5	34.60N	68.78E	38-61	3.9b,3.8		
ISC	II	05 22 51 19.8-1.4	34.56N-07	69.7E-10	39-13	3.8b,3.0s	53	8-148
ISC	II	05 22 51 15.9-2.2	34.47N-05	69.54E-08	25-16	3.8b,3.0s		¶18113501
IDC	II	05 22 51 15.6-1.0	34.72N	69.60E	0	3.8,3.7b		
MOS	II	05 22 51 18.2-1.3	34.61N	69.76E	33	3.7b,3.7b		
NEIC	II	05 22 51 20.5-67	34.66N	69.84E	35	3.7b,3.7b		
NNC	II	05 22 51 25.1-6.6	34.85N	69.28E	79-59	4.0,3.4b		
ISC								
IDC								
ISC	II	27 18 58 17-55	34.61N-03	69.71E-05	55-6	4.5b	179	2-148
IDC	I	27 18 58 05.7-56	34.64N	69.53E	0	4.5,4.5		¶18079421
ISC	I	27 18 58 10.4-68	34.59N-03	69.76E-04	52-7	4.5b,4.5		
MOS	I	27 18 58 11.5-1.1	34.74N	69.62E	50	4.8b,4.5		
BJI	I	27 18 58 11.3	34.90N	69.52E	52	5.3L,4.9s		
NEIC	I	27 18 58 13.6-1.3	34.65N	69.60E	57-11	4.7b,4.4s		
NNC	I	27 18 58 15.6-5.2	34.80N	69.37E	90-46	5.1,4.1b		
SZGRF	I	27 18 58 25.8	36.28N	68.75E	33	4.4b,4.1b		
ISC								
IDC								
ISC	IV	27 04 48 58.2-3.2	34.72N-07	73.0E-10	2-20	3.6b	44	3-83
IDC	IV	27 04 48 54.3-9.5	34.46N	73.43E	0	3.9,3.7L		¶18547255
NEIC	IV	27 04 48 56.0-7.6	34.45N	73.45E	10	3.4b,3.3L		
MOS	IV	27 04 48 57.5-7.9	34.51N	73.37E	33	4.2b,3.7L		
ISC	IV	27 04 49 00.9-62	34.81N-07	73.1E-10	33	3.6b,3.7L		
NNC	IV	27 04 49 04.4-7.7	34.76N	73.41E	63-68	4.7,3.5b		
NDI	IV	27 04 49 08.4-5.8	34.46N	72.67E	15-0	3.4b,3.3L		
ISC								
IDC								
NEIC								
MOS								
ISC	IV	10 02 23 00.9-33	34.68N-04	73.17E-07	10	3.8b	81	3-83
IDC	IV	10 02 22 58.9-1.1	34.61N	73.22E	0	4.0L,4.0		¶10697649
ISC	IV	10 02 22 58.7-34	34.62N-04	73.25E-07	10	3.8b,4.0		
BJI	IV	10 02 22 59.1	34.43N	73.27E	20	3.8L,4.0		
NEIC	IV	10 02 23 00.5-35	34.59N	73.20E	10	4.0b,4.0		
NDI	IV	10 02 23 01.8-2.2	34.72N	72.97E	10-0	4.0b,3.9L		
MOS	IV	10 02 23 01.7-95	34.59N	73.26E	33	4.2b,3.9L		
NNC	IV	10 02 23 08.5-3.5	34.86N	72.73E	56-28	4.3,3.5b		
ISC								
IDC								
ISC	IV	14 15 19 06.5-46	34.69N-05	72.87E-10	10	3.6b	33	3-83
ISC	IV	14 15 19 05.0-48	34.72N-07	72.9E-10	10	3.6b		¶18517420
IDC	IV	14 15 19 04.4-98	34.69N	73.13E	0	3.9L,3.8		
NDI	IV	14 15 19 05.6-2.5	34.83N	72.74E	10-0	3.4L,3.2b		
NEIC	IV	14 15 19 06.2-83	34.72N	73.20E	10	3.2b,3.2b		
NNC	IV	14 15 19 09.6-9.7	34.99N	72.85E	0	3.6,3.5b		
ISC								
IDC								
ISC	IV	15 11 51 18.6-44	34.29N-05	73.62E-09	10	3.6b	33	3-83
ISC	IV	15 11 51 16.7-45	34.25N-05	73.61E-10	10	3.6b		¶18517467
IDC	IV	15 11 51 16.6-87	34.23N	73.65E	0	3.9,3.7L		
NEIC	IV	15 11 51 18.2-79	34.22N	73.67E	10	3.3b,3.7L		
NDI	IV	15 11 51 19.3-3.3	34.44N	73.74E	10-0	3.3L,3.3b		
NNC	IV	15 11 51 28.4-85	34.97N	73.41E	16-11	3.9,3.4b		
ISC								
ISC	VI	19 08 32 48.5-2.5	34.64N-06	73.3E-10	33-21	3.5b	25	3-79
IDC	VI	19 08 32 43.3-1.2	34.55N	73.53E	0	3.9,3.7L		¶18713786
ISC	VI	19 08 32 45.8-2.7	34.64N-07	73.4E-10	30-23	3.5b,3.7L		
NDI	VI	19 08 32 47.3-2.9	34.46N	72.89E	33-0	3.4L,3.7L		
NNC	VI	19 08 32 53.1-1.6	35.13N	73.36E	26-21	4.4,3.4b		
ISC								
IDC								
ISC	IV	22 16 06 37.3-61	34.66N-04	73.10E-05	35-9	3.8b	71	1-83
IDC	IV	22 16 06 31.9-92	34.56N	72.99E	0	4.4L,4.0		¶18480377
NDI	IV	22 16 06 33.6-3.4	34.94N	72.76E	33-0	3.8L,3.8b		
ISC	IV	22 16 06 36.1-7.1	34.61N-04	73.17E-05	47-10	3.8b,3.8b		
MOS	IV	22 16 06 36.3-1.1	34.74N	73.18E	33	4.3b,3.8b		
BJI	IV	22 16 06 42.3	34.64N	73.35E	77	4.3b,3.8b		
NEIC	IV	22 16 06 44.6-4.7	35.08N	73.14E	79-34	3.8b,3.8b		
ISC								
IDC								
ISC	IV	23 20 36 43.6-63	34.66N-03	73.20E-07	39-9	3.7b	64	3-83
IDC	IV	23 20 36 38.6-1.2	34.65N	73.12E	0	3.9,3.8b		¶18480395
MOS	IV	23 20 36 41.8-96	34.68N	73.10E	33	4.1b,3.8b		
ISC	IV	23 20 36 41.4-92	34.62N-04	73.21E-07	38-12	3.7b,3.8b		
NDI	IV	23 20 36 44.2-3.4	34.69N	73.04E	33-0	3.2b,3.1L		
NEIC	IV	23 20 36 45.4-2.9	34.75N	73.17E	47-22	3.2b,3.1L		

NNC	IV	23 20 36 47.1-5.7	34.87N	72.98E	49-49	3.9,3.4b		
ISC								
IDC								
MOS								
ISC	IV	27 23 40 24.3-2.0	34.74N-04	73.14E-06	33-16	3.7b	40	1-83
NDI	IV	27 23 40 19.6-1.1	34.68N	73.02E	0	3.8,3.6b		¶18547277
NEIC	IV	27 23 40 20.7-5.5	34.60N	72.98E	10	4.0b,3.6b		
ISC	IV	27 23 40 22.8-7.2	34.75N-05	73.23E-06	37-9	3.7b,3.6b		
MOS	IV	27 23 40 22.4-1.0	34.68N	72.91E	33	4.2b,3.6b		
NNC	IV	27 23 40 29.0-7.3	35.01N	73.19E	59-69	3.8,3.0b		
ISC								
IDC								
NEIC								
ISC	IV	30 09 26 03.9-49	34.51N-06	72.9E-10	10	3.7b	33	3-83
NDI	IV	30 09 26 00.9-2.6	34.78N	72.66E	10-0	3.4L		¶18555159
ISC	IV	30 09 26 02.0-5.0	34.45N-07	72.8E-10	10	3.7b		
IDC	IV	30 09 26 02.1-88	34.53N	73.18E	0	3.9L,3.9		
NEIC	IV	30 09 26 03.8-1.1	34.56N	73.16E	10	3.9L,3.9		
MOS	IV	30 09 26 05.9-83	34.70N	73.23E	33	4.1b,3.9		
NNC	IV	30 09 26 12.8-4.7	35.26N	72.16E	0	3.7,3.1b		
ISC								
NDI								
ISC	III	14 15 28 56.1-1.6	34.24N-06	73.32E-10	17-10	3.4b	33	3-81
ISC	III	14 15 28 53.6-7.3	34.29N-06	73.4E-10	10	3.4b		¶10603676
IDC	III	14 15 28 55.0-1.2	34.44N	73.29E	0	3.7,3.6b		
NDI	III	14 15 28 57.0-2.5	34.33N	73.59E	10-0	3.6L,3.5b		
NEIC	III	14 15 28 57.9-1.4	34.45N	73.55E	10	3.5b,3.5b		
MOS	III	14 15 28 57.2-84	34.35N	73.36E	33	4.0b,3.5b		
NNC	III	14 15 29 01.9-15	34.70N	73.33E	0	4.1b,3.8		
ISC								
ISC	III	20 22 41 36.6-1.9	34.65N	73.70E	10-0	4.8b,4.0s		¶10607510
ISC	III	20 22 41 37.7-1.9	34.69N-02	73.70E-03	10	4.6b,3.6s		
BJI	III	20 22 41 38.8	34.87N	73.78E	10	4.8b,4.7b		
IDC	III	20 22 41 38.5-56	34.80N	73.80E	0	4.6,4.6		
NEIC	III	20 22 41 39.7-22	34.79N	73.80E	10	4.8b,4.6		
MOS	III	20 22 41 41.4-1.2	34.80N	73.72E	33	4.9b,4.6		
NNC	III	20 22 41 44.7-5.7	35.21N	72.91E	0	4.6,4.6b		
ISC								
LDG								
ISC	III	20 22 41 40.0-17	34.82N-02	73.78E-03	10	4.6b,3.6s	264	1-95
ISC	III	20 22 41 36.6-1.9	34.65N	73.70E	10-0	4.8b,4.0s		¶10607510
ISC	III	20 22 41 37.7-1.9	34.69N-02	73.70E-03	10	4.6b,3.6s		
BJI	III							

ISCJB	I	04 12 04 38.6-57	34.75N-06	72.8E-10	10	3.6b,3.5b			
NEIC	I	04 12 04 38.7-10	34.56N	72.92E	10	3.5b,3.5b			
NNC	I	04 12 04 51.3-5.6	35.18N	72.55E	74-50	3.9,3.2b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=28.0km s-min=23.8km az=43.0.								
MOS	Error ellipse: s-maj=27.4km s-min=8.3km az=93.0.								
NDI	Error ellipse: s-maj=51.5km s-min=59.1km az=-1.0.								
ISCJB	Event type se. Error ellipse: s-maj=14.7km s-min=4.1km az=115.3.								
NEIC	Event type se. Error ellipse: s-maj=19.0km s-min=15.1km az=57.0.								
NNC	Error ellipse: s-maj=42.3km s-min=34.0km az=32.0.								
ISC	I	04 12 31 13.7-23	34.64N-02	73.11E-04	10	4.3b,4.0s	169	1-118	
ISCJB	I	04 12 31 11.9-23	34.60N-02	73.32E-04	10	4.3b,4.0s		18029744	
MOS	I	04 12 31 11.6-1.5	34.63N	73.33E	10	4.4b,4.0s			
NDI	I	04 12 31 11.9-4.1	34.66N	72.75E	0-153	4.3b,4.1L			
BJI	I	04 12 31 12.1	34.65N	72.97E	32	5.0b,4.5s			
NEIC	I	04 12 31 13.0-42	34.61N	73.35E	10	4.3b,4.5s			
IDC	I	04 12 31 21.5-7.0	34.66N	73.24E	75-64	4.5L,4.2			
NNC	I	04 12 31 23.9-4.7	35.08N	72.78E	75-40	4.4,3.9b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=5.1km s-min=2.8km az=143.0.								
MOS	Error ellipse: s-maj=11.4km s-min=5.2km az=93.8.								
NDI	Error ellipse: s-maj=130.8km s-min=109.0km az=-1.0.								
NEIC	Event type se. Error ellipse: s-maj=9.4km s-min=8.1km az=208.0.								
IDC	Error ellipse: s-maj=20.6km s-min=14.5km az=167.0.								
NNC	Error ellipse: s-maj=43.1km s-min=27.8km az=48.0.								
ISC	I	04 22 51 51.1-36	34.62N-02	73.14E-04	44-5	4.2b,3.8s	141	1-120	
BJI	I	04 22 51 44.7	34.87N	72.66E	30	4.7b,4.6b		18078383	
IDC	I	04 22 51 44.9-74	34.59N	73.14E	0	4.7L,4.3			
MOS	I	04 22 51 44.8-1.2	34.63N	73.16E	10	4.3b,4.3			
NEIC	I	04 22 51 46.4-4.5	34.58N	73.14E	10	4.2b,4.3			
NDI	I	04 22 51 47.4-4.0	34.52N	72.84E	10-0	4.2L,4.3			
ISCJB	I	04 22 51 49.3-4.5	34.64N-02	73.19E-04	44-6	4.2b,3.8s			
NNC	I	04 22 51 57.0-6.0	35.05N	72.83E	77-50	5.4,4.3b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=19.5km s-min=16.7km az=1.0.								
MOS	Error ellipse: s-maj=13.2km s-min=5.4km az=96.3.								
NEIC	Event type se. Error ellipse: s-maj=10.3km s-min=7.7km az=74.0.								
NDI	Error ellipse: s-maj=17.2km s-min=26.5km az=-1.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.0km s-min=3.6km az=144.3.								
NNC	Error ellipse: s-maj=57.9km s-min=37.8km az=49.0.								
ISC	I	05 14 47 20.2-18	31.79N-02	70.27E-02	10	4.6b,3.9s	268	0-147	
ISCJB	I	05 14 47 18.3-18	31.79N-02	70.26E-02	10	4.6b,3.9s		18078395	
IDC	I	05 14 47 18.7-52	31.76N	70.26E	0	4.6,4.6			
MOS	I	05 14 47 18.3-1.1	31.85N	70.33E	10	4.8b,4.6			
SZGRF	I	05 14 47 18.7	30.90N	70.60E	33	4.5b,4.6			
BJI	I	05 14 47 19.2	31.96N	70.09E	18	5.0b,4.6s			
NEIC	I	05 14 47 20.1-23	31.81N	70.29E	10	4.7b,4.6s			
NDI	I	05 14 47 21.4-4.6	31.79N	70.20E	10-0	4.9b,4.7b			
NNC	I	05 14 47 24.2-6.1	31.96N	70.60E	30-55	4.2b,4.7b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=3.4km s-min=2.7km az=59.8.								
IDC	Error ellipse: s-maj=15.2km s-min=13.1km az=38.0.								
MOS	Error ellipse: s-maj=7.3km s-min=4.5km az=108.2.								
SZGRF	Pakistan.								
NEIC	Event type se. Error ellipse: s-maj=5.4km s-min=4.5km az=196.0.								
NDI	Error ellipse: s-maj=17.4km s-min=20.0km az=-1.0.								
NNC	Error ellipse: s-maj=29.7km s-min=24.0km az=147.0.								
ISC	I	05 14 59 05.7-68	31.69N-06	70.31E-08	10	3.5b	32	5-86	
ISCJB	I	05 14 59 04.4-86	31.8N-10	70.41E-09	10	3.5b		18184940	
IDC	I	05 14 59 05.3-1.2	31.73N	70.21E	0	3.7,3.6			
MOS	I	05 14 59 06.1-2.1	32.00N	70.29E	10	4.0b,3.6			
NEIC	I	05 14 59 07.6-1.5	31.89N	70.27E	10	3.5b,3.6			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=17.0km s-min=7.0km az=70.2.								
IDC	Error ellipse: s-maj=28.7km s-min=27.7km az=11.0.								
MOS	Error ellipse: s-maj=35.6km s-min=11.8km az=84.0.								
NEIC	Event type se. Error ellipse: s-maj=28.3km s-min=21.2km az=65.0.								
ISC	I	05 17 35 52.1-1.8	34.81N-09	73.8E-30	10		15	3-13	
ISCJB	I	05 17 35 49.4-1.8	34.85N-09	73.9E-30	10			18226908	
NNC	I	05 17 35 59.5-5.7	35.31N	73.20E	0	3.7b,3.4			
NDI	I	05 17 36 13.7-5.2	33.42N	81.69E	10-0	3.1L,3.4			
ISCJB	Error ellipse: s-maj=33.2km s-min=7.0km az=138.4.								
NNC	Error ellipse: s-maj=52.7km s-min=47.9km az=98.0.								
NDI	Error ellipse: s-maj=36.1km s-min=18.4km az=-1.0.								
ISC	I	07 07 24 35.3-1.8	34.24N-10	72.1E-20	10		18	4-17	
ISCJB	I	07 07 24 35.8-1.7	34.5N-10	72.4E-20	10			18226980	
NDI	I	07 07 24 43.5-5.2	34.49N	72.38E	65-0	3.9L			
NNC	I	07 07 24 53.2-6.7	35.48N	72.63E	0	3.7,3.5b			
ISCJB	Error ellipse: s-maj=28.6km s-min=5.3km az=108.4.								
NDI	Error ellipse: s-maj=56.1km s-min=59.9km az=-1.0.								
NNC	Error ellipse: s-maj=89.8km s-min=52.4km az=50.0.								
ISC	I	07 12 32 32.0-26	34.25N-02	73.89E-05	10	4.0b,3.8s	120	1-92	
IDC	I	07 12 32 30.0-94	34.13N	73.74E	0	4.3L,4.1		18078436	
NDI	I	07 12 32 30.8-4.2	34.21N	73.33E	10-0	4.0b,3.8L			
ISCJB	I	07 12 32 30.4-25	34.18N-02	74.00E-05	10	4.0b,3.8s			
MOS	I	07 12 32 31.2-1.6	34.34N	73.88E	10	4.3b,3.8s			
NEIC	I	07 12 32 32.5-49	34.25N	73.73E	10	4.0b,3.8s			
BJI	I	07 12 32 33.0	34.23N	73.86E	10	4.8b,4.1L			
NNC	I	07 12 32 49.8-7.3	34.98N	73.79E	142-58	4.5,3.4b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=25.0km s-min=19.3km az=33.0.								
NDI	Error ellipse: s-maj=18.5km s-min=23.9km az=-1.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.0km s-min=2.9km az=139.9.								
MOS	Error ellipse: s-maj=23.0km s-min=10.9km az=112.5.								
NEIC	Event type se. Error ellipse: s-maj=11.7km s-min=7.3km az=61.0.								
NNC	Error ellipse: s-maj=63.5km s-min=49.0km az=40.0.								
ISC	I	08 03 23 16.5-32	34.69N-03	73.08E-05	10	3.8b	55	1-83	
NDI	I	08 03 23 11.1-3.5	34.68N	72.37E	10-0	3.6b,3.5L		18185055	
MOS	I	08 03 23 13.6-73	34.57N	72.97E	10	4.0b,3.5L			
IDC	I	08 03 23 13.7-91	34.56N	73.17E	0	4.0,3.9b			
ISCJB	I	08 03 23 15.1-32	34.77N-02	73.16E-05	10	3.8b,3.9b			
NEIC	I	08 03 23 15.3-66	34.54N	73.14E	10	3.6b,3.9b			
NNC	I	08 03 23 26.8-5.7	35.05N	72.73E	67-49	3.9,3.3b			
ISC	Event type se.								
NDI	Error ellipse: s-maj=24.8km s-min=33.1km az=-1.0.								
MOS	Error ellipse: s-maj=30.6km s-min=9.0km az=96.6.								
IDC	Error ellipse: s-maj=27.6km s-min=21.5km az=76.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.8km s-min=3.4km az=162.1.								
NEIC	Event type se. Error ellipse: s-maj=16.5km s-min=11.1km az=94.0.								
NNC	Error ellipse: s-maj=41.7km s-min=36.1km az=36.0.								
ISC	I	08 08 21 59.6-48	34.70N-04	72.91E-09	10	3.8b	40	3-77	
NDI	I	08 08 21 55.7-4.6	34.71N	72.38E	10-0	3.4L		18185057	
ISCJB	I	08 08 21 57.6-49	34.63N-05	72.93E-09	10	3.8b			
IDC	I	08 08 21 57.7-1.3	34.61N	73.06E	0	3.8b,3.8			
MOS	I	08 08 21 57.6-54	34.64N	73.01E	10	4.2b,3.8			
NNC	I	08 08 22 14.1-9.3	35.31N	72.95E	133-90	3.6,2.8b			
NDI	Error ellipse: s-maj=24.5km s-min=33.6km az=-1.0.								
ISCJB	Error ellipse: s-maj=11.8km s-min=4.5km az=123.9.								
IDC	Error ellipse: s-maj=30.0km s-min=24.0km az=143.0.								
MOS	Error ellipse: s-maj=29.0km s-min=12.8km az=96.0.								
NNC	Error ellipse: s-maj=76.2km s-min=53.3km az=33.0.								
ISC	I	08 16 23 16.4-53	34.88N-05	73.1E-10	10	3.5b	31	3-83	
MOS	I	08 16 23 12.7-30	34.68N	73.16E	10	4.0b		18185068	
IDC	I	08 16 23 13.3-1.2	34.71N	73.28E	0	3.8L,3.8			
ISCJB	I	08 16 23 14.9-56	34.90N-06	73.1E-10	10	3.5b,3.8			
NEIC	I	08 16 23 14.2-89	34.61N	73.13E	10	3.4b,3.8			
NDI	I	08 16 23 20.7-4.4	34.72N	73.45E	15-0	3.4,3.4b			
NNC	I	08 16 23 28.3-9.3	35.32N	72.84E	81-95	3.6,3.0b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=41.4km s-min=14.2km az=96.5.								
IDC	Error ellipse: s-maj=33.5km s-min=24.7km az=34.0.								

ISCJB	Event type se. Error ellipse: s-maj=15.0km s-min=4.6km az=118.5.								
NEIC	Event type se. Error ellipse: s-maj=19.8km s-min=13.2km az=52.0.								
NDI	Error ellipse: s-maj=109.0km s-min=156.7km az=-1.0.								
NNC	Error ellipse: s-maj=67.5km s-min=59.6km az=12.0.								
ISC	I	08 22 00 29.2-28	34.73N-02	73.22E-05	10	4.0b	72	1-83	
BJI	I	08 22 00 22.9	34.40N	72.75E	10	3.8L		18185076	
MOS	I	08 22 00 26.8-1.0	34.63N	73.13E	10	5.0b			
NDI	I	08 22 00 26.9-3.5	34.86N	72.74E	10-0	4.1L,4.0b			
IDC	I	08 22 00 26.9-9.2	34.64N	73.21E	0	3.8,3.7b			
ISCJB	I	08 22 00 27.5-29	34.75N-03	73.2E-05	10	4.0b,3.7b			
NEIC	I	08 22 00 28.4-46	34.61N	73.19E	10	4.0b,3.7b			
NNC	I	08 22 00 39.8-7.1	35.14N	72.82E	71-73	3.7,3.1b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=19.7km s-min=8.9km az=95.6.								
NDI	Error ellipse: s-maj=19.9km s-min=25.3km az=-1.0.								
IDC	Error ellipse: s-maj=23.8km s-min=21.6km az=78.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.9km s-min=3.3km az=147.2.								
NEIC	Event type se. Error ellipse: s-maj=10.4km s-min=7.2km az=58.0.								
NNC	Error ellipse: s-maj=55.1km s-min=43.4km az=36.0.								
ISC	I	10 21 26 27.1-1.3	34.5N-20	73.6E-40	10		9	3-20	
ISCJB	I	10 21 26 26.0-1.1	34.7N-20	73.8E-40	10			18227064	
NNC	I	10 21 26 35.6-1.8	35.01N	73.24E	23-14	3.9,3.2b			
ISCJB	Error ellipse: s-maj=52.4km s-min=7.4km az=124.2.								
NNC	Error ellipse: s-maj=26.5km s-min=15.5km az=79.0.								
ISC	I	11 05 04 13.3-32	34.31N-03	73.79E-05	10	3.8b	55	1-83	
IDC	I	11 05 04 10.7-2.0	34.15N	73.72E	0	4.0,3.9b		18095391	
NDI	I	11 05 04 11.4-5.5	34.43N	73.51E	10-0	3.7b,3.4			
ISCJB	I	11 05 04 11.5-32	34.29N-03	73.91E-05	10	3.8b,3.4			
MOS	I	11 05 04 15.2-1.1	34.50N	73.79E	24	4.0b,3.4			
NEIC	I	11 05 04 15.1-2.2	34.46N	73.88E	10	3.7b,3.4			
NNC	I	11 05 04 24.6-8.1	34.75N	73.10E	51-77	3.8,3.3b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=45.8km s-min=25.4km az=145.0.								
NDI	Error ellipse: s-maj=28.5km s-min=42.1km az=-1.0.								
ISCJB	Event type se. Error ellipse: s-maj=6.2km s-min=3.6km az=133.6.								
MOS	Error ellipse: s-maj=35.4km s-min=12.2km az=88.5.								
NEIC	Event type se. Error ellipse: s-maj=34.1km s-min=21.4km az=170.0.								
NNC	Error ellipse: s-maj=61.7km s-min=42.8km az=31.0.								
ISC	I	11 05 48 46.1-31	34.09N-02	73.95E-03	44-3	4.6b,3.9s	275	1-151	
IDC	I	11 05 48 40.1-5.1	34.03N	73.83E	0	4.7L,4.6b		18035821	
NEIC	I	11 05 48 41.4-27	34.08N	73.93E	10	4.7b,4.6b			
NDI	I	11 05							

ISC	II	01 11 00 26.7-1.8	38.3N-10	69.18E-09	10		20	5-15	ISC	V	07 01 58 29.6-3.3	39.0N-20	72.8E-20	35		12	3-14
ISCJB	II	01 11 00 25.4-1.8	38.4N-10	69.19E-09	10				ISCJB	V	07 01 58 27.9-3.1	39.0N-20	72.7E-20	33			18463129
NNC	II	01 11 00 31.2-3.1	38.71N	69.20E	15-19	3.6b,3.4			NNC	V	07 01 58 34.8-5.0	39.64N	72.82E	19-13	3.4b,3.2		
ISCJB	Error ellipse: s-maj=17.9km s-min=9.4km az=18.7.																
NNC	Error ellipse: s-maj=29.1km s-min=21.8km az=7.0.																
ISC	II	02 19 54 14.2-3.4	37.69N-02	72.50E-05	125-5	4.0b	132	3-62	ISC	II	08 07 40 59.4-1.6	37.4N-10	72.9E-20	35	3.2b	9	6-80
NAO	II	02 19 53 55.2-3.4	37.37N	74.39E	33	4.3b		18095838	IDC	V	08 07 40 47.4-4.2	36.25N	72.87E	0	3.6L,3.6		18565758
ISCJB	II	02 19 54 11.6-1.3	37.73N	72.40E	109	4.2b			ISCJB	V	08 07 40 58.5-1.6	37.5N-10	73.0E-20	33	3.2b,3.6		
BJI	II	02 19 54 12.7	37.62N	72.30E	123	4.7b,4.2b			NNC	V	08 07 41 02.0-2.9	37.98N	72.58E	0	3.5b,3.0		
NEIC	II	02 19 54 12.2-8.8	37.59N	72.45E	104-10	4.5b,4.2b			IDC	Error ellipse: s-maj=87.1km s-min=34.5km az=18.0.							
IDC	II	02 19 54 13.6-3.6	37.73N	72.39E	112-32	4.2,3.9			ISCJB	Error ellipse: s-maj=25.3km s-min=15.3km az=96.1.							
ISCJB	II	02 19 54 13.6-3.9	37.71N-02	72.58E-05	137-6	4.0b,3.9			NNC	Error ellipse: s-maj=33.7km s-min=22.3km az=59.0.							
NNC	II	02 19 54 21.8-2.8	38.41N	72.14E	201-21	4.7,3.6b			ISC	V	11 19 21 02.1-2.2	39.3N-20	71.41E-08	10		18	3-15
ISC	Event type se.																
MOS	Error ellipse: s-maj=10.9km s-min=5.4km az=98.8.																
NEIC	Event type se. Error ellipse: s-maj=9.2km s-min=5.0km az=52.0.																
IDC	Error ellipse: s-maj=20.0km s-min=13.9km az=154.0.																
ISCJB	Event type se. Error ellipse: s-maj=7.1km s-min=3.1km az=154.3.																
NNC	Error ellipse: s-maj=24.7km s-min=15.4km az=17.0.																
ISC	II	03 14 22 22.4-1.0	38.62N-03	69.76E-04	35-8	4.2b,3.7s	141	3-79	ISC	V	11 20 00 18.2-3.5	40.4N-30	69.8E-20	35		13	3-13
IDC	II	03 14 22 14.8-1.3	38.20N	69.92E	0	4.1,4.0b		18188647	NNC	V	11 20 00 11.9-1.0	40.11N	69.67E	0	3.6b,3.2		18565897
NAO	II	03 14 22 19.1	38.17N	69.75E	33	4.6b,4.0b			ISCJB	V	11 20 00 16.6-3.4	40.5N-30	69.7E-20	33	3.6b,3.2		
MOS	II	03 14 22 20.8-1.4	38.72N	69.87E	33	4.7b,4.0b			ISC	V	21 13 07 20.5-1.5	38.6N-10	68.9E-20	35	3.5b	8	5-64
ISCJB	II	03 14 22 20.3-6.5	38.59N-03	69.81E-05	35-7	4.2b,3.7s			IDC	V	21 13 07 15.0-3.1	38.28N	68.93E	0	3.7,3.6		18618314
NEIC	II	03 14 22 20.2-5.3	38.40N	70.15E	45	4.3b,3.7s			ISCJB	V	21 13 07 18.8-1.6	38.6N-10	68.8E-20	33	3.5b,3.6		
BJI	II	03 14 22 22.3	38.84N	70.23E	17	5.4b,5.0L			NNC	V	21 13 07 18.9-3.8	38.52N	68.91E	31-25	3.9b,3.5		
NNC	II	03 14 22 24.1-2.1	38.83N	69.61E	33	4.7,4.5b			IDC	Error ellipse: s-maj=80.2km s-min=23.5km az=151.0.							
ISC	Event type se.																
IDC	Error ellipse: s-maj=23.3km s-min=15.8km az=162.0.																
MOS	Error ellipse: s-maj=8.9km s-min=5.4km az=89.7.																
ISCJB	Event type se. Error ellipse: s-maj=6.4km s-min=4.6km az=155.6.																
NEIC	Event type se. Error ellipse: s-maj=13.1km s-min=7.1km az=225.0.																
NNC	Error ellipse: s-maj=20.6km s-min=13.1km az=169.0.																
NNC	II	04 18 27 03.9-1.0	38.57N	72.71E	0	3.6b,3.3		18319098	NNC	Error ellipse: s-maj=54.3km s-min=38.9km az=10.0.							
NNC	Error ellipse: s-maj=103.4km s-min=69.5km az=177.0.																
ISC	II	05 04 01 31.5-3.0	38.6N-10	69.41E-08	19-21	3.7b	29	5-65	NNC	Error ellipse: s-maj=12.8km s-min=12.3km az=4.0.							
IDC	II	05 04 01 24.8-2.2	38.15N	69.88E	0	3.8b,3.8		18188718	NNC	Error ellipse: s-maj=18.7km s-min=12.3km az=4.0.							
NAO	II	05 04 01 24.8	37.23N	69.40E	33	3.8b,3.8			I	08 01 22 26.4-1.7	38.59N	69.41E	0	3.5b,3.1		18227014	
MOS	II	05 04 01 29.8-2.2	38.64N	69.91E	33	4.2b,3.8			NNC	Error ellipse: s-maj=50.0km s-min=40.0km az=122.0.							
NNC	II	05 04 01 30.1-5.1	38.69N	69.39E	16-19	3.8b,3.4			ISC	I	08 07 40 58.4-2.4	37.9N-20	72.2E-10	251-15	3.2b	21	4-80
ISCJB	II	05 04 01 32.1-2.2	38.7N-10	69.4E-10	37-22	3.7b,3.4			IDC	I	08 07 40 44.3-2.3	36.73N	72.28E	180-134	3.7,3.2b		18078453
ISC	II	05 13 27 03.6-2.2	38.7N-20	72.9E-10	100		14	4-14	ISCJB	I	08 07 40 56.4-2.4	37.8N-20	72.2E-10	249-15	3.2b,3.2b		
ISCJB	II	05 13 27 03.0-2.2	38.7N-10	72.9E-10	100		14	18113495	NNC	I	08 07 40 59.1-9.9	37.93N	72.23E	249-120	3.9,2.5b		
NNC	II	05 13 27 07.8-6.0	39.17N	73.04E	213-75	3.0,2.0b			IDC	Error ellipse: s-maj=223.9km s-min=39.4km az=6.0.							
ISCJB	Error ellipse: s-maj=21.3km s-min=13.8km az=11.3.																
NNC	Error ellipse: s-maj=71.3km s-min=27.5km az=8.0.																
ISC	II	05 23 44 35.6-2.1	38.5N-20	73.0E-10	176-17	3.7b	20	4-67	ISCJB	Error ellipse: s-maj=31.4km s-min=17.2km az=28.4.							
IDC	II	05 23 44 29.0-8.6	37.91N	73.22E	140-81	3.5b,3.5		18319137	NNC	Error ellipse: s-maj=113.3km s-min=49.5km az=2.0.							
ISCJB	II	05 23 44 34.5-2.0	38.5N-20	73.0E-10	182-17	3.7b,3.5			ISC	I	10 12 59 53.5-1.6	40.2N-10	70.99E-08	35-14	4.2b	43	3-78
NNC	II	05 23 44 38.9-6.7	38.88N	72.93E	238-77	3.4,2.2b			IDC	I	10 12 59 46.6-1.4	39.94N	71.20E	0	4.1b,3.9		18078496
IDC	Error ellipse: s-maj=64.7km s-min=52.8km az=141.0.																
ISCJB	Error ellipse: s-maj=26.7km s-min=16.0km az=20.2.																
NNC	Error ellipse: s-maj=77.4km s-min=33.5km az=9.0.																
ISC	II	06 19 47 49.9-5.1	37.7N-30	72.1E-30	35		12	5-6	ISC	Event type se.							
ISCJB	II	06 19 47 47.0-9.9	37.84N	71.96E	0	3.9b,3.5		18113516	IDC	Error ellipse: s-maj=23.3km s-min=17.3km az=163.0.							
NNC	II	06 19 47 48.9-5.1	37.8N-30	72.2E-30	33	3.9b,3.5			MOS	Error ellipse: s-maj=16.9km s-min=9.8km az=88.4.							
ISC	II	07 01 29 43.7-6.2	37.48N-04	72.4E-10	217-8	3.4b	48	5-82	ISCJB	Event type se. Error ellipse: s-maj=20.0km s-min=9.7km az=37.6.							
NAO	II	07 01 29 17.3	37.37N	74.39E	33	3.9b		18113528	NNC	Error ellipse: s-maj=38.9km s-min=16.7km az=4.0.							
MOS	II	07 01 29 35.4-9.8	37.04N	72.11E	161	3.8b			NEIC	Event type se. After NNC.							
NEIC	II	07 01 29 38.8-3.1	37.23N	72.43E	174-25	3.7b			ISC	I	12 05 19 40.1-2.4	37.9N-20	72.1E-20	219-19	3.1b	18	4-80
IDC	II	07 01 29 40.9-5.4	37.28N	72.46E	196-49	4.0,3.6			ISCJB	I	12 05 19 42.0-2.4	38.1N-20	72.3E-20	231-17	3.1b		18227119
ISCJB	II	07 01 29 43.2-6.1	37.48N-04	72.5E-10	224-8	3.4b,3.6			NNC	I	12 05 19 42.2-8.8	38.21N	72.51E	0	3.7b,3.4		
NNC	II	07 01 29 50.6-2.8	38.08N	72.24E	232-25	3.8,2.5b			IDC	I	12 05 19 44.9-6.8	38.60N	71.05E	229-74	3.6,3.2		
ISC	Event type se.																
MOS	Error ellipse: s-maj=29.9km s-min=11.1km az=91.4.																
NEIC	Event type se. Error ellipse: s-maj=31.6km s-min=13.8km az=215.0.																
IDC	Error ellipse: s-maj=31.1km s-min=19.8km az=24.0.																
ISCJB	Event type se. Error ellipse: s-maj=14.1km s-min=5.5km az=147.7.																
NNC	Error ellipse: s-maj=31.2km s-min=15.6km az=17.0.																
ISC	II	07 23 06 43.1-3.0	38.8N-30	69.4E-10	10		11	4-12	ISC	I	15 22 12 01.3-1.3	37.16N	71.81E	157	3.7b		18078694
ISCJB	II	07 23 06 42.0-3.1	38.9N-30	69.4E-10	10			18335180	NEIC	I	15 22 12 01.3-1.7	37.11N	71.81E	148-24	3.5b		
NNC	II	07 23 06 43.1-4.7	38.82N	69.46E	9-11	3.7b,3.4			ISC	I	15 22 12 03.6-9.2	37.35N-06	72.1E-20	214-15	3.5b		
ISCJB	Error ellipse: s-maj=38.5km s-min=14.8km az=174.1.																
NNC	Error ellipse: s-maj=42.2km s-min=12.3km az=174.0.																
ISC	II	17 03 56 12.2-3.2	39.8N-20	70.0E-20	10		10	3-12	ISC	Event type se.							
NNC	II	17 03 56 08.9-2.3	39.51N	70.03E	0	3.9b,3.5		18335570	MOS	Error ellipse: s-maj=31.3km s-min=15.9km az=102.8.							
ISCJB	II	17 03 56 10.1-3.5	39.9N-30	69.9E-20	10	3.9b,3.5			NEIC	Event type se. Error ellipse: s-maj=32.5km s-min=8.7km az=59.0.							
ISC	II	20 02 22 09.0-1.4	39.98N-03	71.91E-05	2-9	3.9b,3.7s	94	3-86	ISCJB	Event type se. Error ellipse: s-maj=22.1km s-min=5.6km az=136.7.							
NAO	II	20 02 21 49.4	38.52N	75.76E	33	3.5b,3.7s		18319428	NNC	Error ellipse: s-maj=43.4km s-min=23.6km az=16.0.							
ISCJB	II	20 02 22 09.8-1.7	39.90N-03	72.01E-06	20-13	3.9b,3.7s			I	29 04 14 11.4-1.1	37.88N-07	72.2E-10	110-14	3.5b	27	4-80	
MOS	II	20 02 22 12.7-1.9	40.19N	72.14E	33	4.1b,3.7s			NEIC	I	29 04 13 59.0-8.3	36.95N	72.28E	47-48	3.5b		18079516
IDC	II	20 02 22 14.4-3.3	40.09N	72.18E	39-27	3.9,3.8			ISCJB	I	29 04 14 10.3-1.2	37.91N-07	72.2E-10	111-15	3.5b		
BJI	II	20 02 22 15.4	40.34N	72.22E	33	4.8b,4.7b			NNC	I	29 04 14 12.2-5.1	38.24N	71.96E	0	3.7b,3.4		
NNC	II	20 02 22 15.0-4.9	40.44N	72.11E	0	4.0b,3.9			IDC	I	29 04 14 16.8-2.4	38.33N	72.46E	140-137	3.6,3.3L		
NEIC	II	20 02 22 15.8-9.9	40.38N	72.16E	35	4.0b,3.9			ISC	Event type se.							
ISC	Event type se.																
ISCJB	Event type se. Error ellipse: s-maj=8.8km s-min=4.4km az=136.1.																
MOS	Error ellipse: s-maj=11.3km s-min=6.0km az=92.7.																
IDC	Error ellipse: s-maj=21.2km s-min=15.0km az=177.0.																
NNC	Error ellipse: s-maj=41.4km s-min=20.6km az=1.0.																
NEIC	Event type se. Error ellipse: s-maj=15.6km s-min=9.8km az=151.0.																
ISC	II	28 02 22 26.8-5.4	37.44N-03	72.17E-08	135-8	3.9b	105	4-90	ISC	I	29 13 07 16.5-1.6	38.1N-10	72.3E-10	219-12	3.4b	38	4-80
IDC	II	28 02 22 24.9-4.5	37.37N	72.03E	102-42	4.0,3.7		18335807	IDC	I	29 13 07 04.9-6.7	37.18N	72.28E	157			

NNC	II	08 16 59 47.5-2.8	42.86N	74.58E	0	2.7b,2.4			
KNET		Error ellipse: s-maj=3.0km s-min=2.2km az=156.0							
ISCJB		Error ellipse: s-maj=5.7km s-min=4.7km az=157.2							
NNC		Error ellipse: s-maj=68.9km s-min=15.6km az=177.0							
ISC	II	13 02 35 54.5-1.1	42.18N-06	73.95E-07	14	15	0-2		
NNC	II	13 02 35 52.1-3.5	42.15N	73.26E	0	2.7b,2.3			
ISCJB	II	13 02 35 53.8-1.2	42.16N-06	73.33E-07	14	2.7b,2.3			
KNET	II	13 02 35 53.9-3.7	42.19N	73.44E	14-1	1.5L,2.3			
NNC		Error ellipse: s-maj=62.2km s-min=10.1km az=175.0							
ISCJB		Error ellipse: s-maj=9.3km s-min=7.0km az=41.2							
KNET		Error ellipse: s-maj=2.2km s-min=3.1km az=62.0							
ISC	II	14 17 30 09.3-1.2	41.38N-06	74.70E-06	10	25	1-10		
ISCJB	II	14 17 30 08.2-1.2	41.32N-06	74.71E-06	10				
KNET	II	14 17 30 08.8-9.6	41.44N	74.71E	12-3	2.9L			
NNC	II	14 17 30 11.1-8.4	41.48N	74.65E	0	4.2b,3.9			
ISCJB		Error ellipse: s-maj=9.0km s-min=6.2km az=5.3							
KNET		Error ellipse: s-maj=5.5km s-min=3.1km az=2.0							
NNC		Error ellipse: s-maj=8.8km s-min=4.0km az=145.0							
ISC	II	20 02 55 28.7-2.0	40.5N-10	73.65E-10	10	13	2-3		
ISCJB	II	20 02 55 28.5-2.0	40.5N-10	73.57E-09	10				
KNET	II	20 02 55 29.2-7.4	40.83N	73.37E	14-13	2.0L			
NNC	II	20 02 55 31.7-3.8	40.77N	73.15E	0	2.9b,2.6			
ISCJB		Error ellipse: s-maj=16.3km s-min=9.7km az=150.2							
KNET		Error ellipse: s-maj=9.4km s-min=5.4km az=36.0							
NNC		Error ellipse: s-maj=47.3km s-min=20.1km az=152.0							
ISC	II	02 15 37 19.2-6.2	42.19N-04	73.71E-05	3	18	0-3		
KNET	II	02 15 37 17.7-5.4	42.20N	73.70E	3-4	1.4L			
ISCJB	II	02 15 37 18.8-6.1	42.19N-03	73.71E-05	3	1.4L			
NNC	II	02 15 37 20.3-1.0	42.28N	73.68E	0	2.5b,2.2			
KNET		Error ellipse: s-maj=3.8km s-min=2.1km az=76.0							
ISCJB		Error ellipse: s-maj=5.6km s-min=4.4km az=83.7							
NNC		Error ellipse: s-maj=16.5km s-min=4.2km az=172.0							
ISC	II	24 10 53 15.8-1.4	41.50N-07	74.95E-05	10	19	1-4		
ISCJB	II	24 10 53 16.2-1.5	41.51N-07	74.97E-06	10				
KNET	II	24 10 53 16.5-1.1	41.60N	74.99E	19-3	1.6L			
NNC	II	24 10 53 21.2-1.8	41.70N	75.20E	0	2.0b,1.9			
ISCJB		Error ellipse: s-maj=10.7km s-min=6.2km az=168.4							
KNET		Error ellipse: s-maj=6.4km s-min=2.7km az=2.0							
NNC		Error ellipse: s-maj=182.4km s-min=59.5km az=139.0							
ISC	II	27 22 25 24.0-6.69	42.89N-08	72.81E-05	29	16	1-2		
NNC	II	27 22 25 22.8-9.4	42.98N	72.73E	11-7	3.4b,2.8			
KNET	II	27 22 25 23.3-7.4	42.93N	72.88E	29-24	1.9L,2.8			
ISCJB	II	27 22 25 22.5-6.9	42.90N-08	72.80E-05	29	1.9L,2.8			
ISC	II	28 19 54 50.2-1.3	39.35N-09	72.70E-07	70-10	3.7b	55	3-82	
IDC	II	28 19 54 40.4-1.0	39.00N	72.76E	0	3.9,3.8b			
MOS	II	28 19 54 40.3-1.6	39.12N	72.57E	10	4.1b,3.8b			
NEIC	II	28 19 54 46.3-8.2	39.23N	72.70E	35	3.7b,3.8b			
BJI	II	28 19 54 46.5	39.39N	72.61E	52	3.8b,3.6L			
NNC	II	28 19 54 46.6-14	39.38N	71.91E	0	3.8b,3.7			
ISCJB	II	28 19 54 49.3-1.3	39.40N-08	72.68E-07	77-10	3.7b,3.7			
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	V	21 14 17 32.8-1.3	41.92N-09	72.86E-06	3	14	1-2		
KNET	V	21 14 17 30.6-1.1	41.93N	72.84E	3-5	1.8L			
NNC	V	21 14 17 31.7-1.0	41.76N	72.71E	0	2.7b,2.3			
ISCJB	V	21 14 17 32.2-1.3	41.9N-10	72.86E-06	3	2.7b,2.3			
ISC	V	24 13 17 54.5-2.7	42.80N-03	72.94E-03	10	4.2b,3.4s	145	1-153	
IDC	V	24 13 17 51.5-8.1	42.42N	72.86E	0	4.5L,4.3			
ISCJB	V	24 13 17 53.3-3.0	42.91N-03	72.90E-03	10	4.2b,3.4s			
MOS	V	24 13 17 53.7-1.4	42.91N	72.92E	13	4.2b,3.4s			
NEIC	V	24 13 17 54.1-4.0	42.72N	72.99E	10	4.4b,3.4s			
KNET	V	24 13 17 55.5-5.7	42.62N	73.05E	21-3	4.2L,3.4s			
NNC	V	24 13 17 55.4-4.6	43.08N	72.94E	0	4.6b,4.3			
BJI	V	24 13 17 56.2	42.75N	73.01E	9	4.8b,4.6L			
ISC		Event type fe.							
IDC		Error ellipse: s-maj=17.8km s-min=10.6km az=164.0							
ISCJB		Error ellipse: s-maj=4.7km s-min=2.8km az=48.2							
MOS		Error ellipse: s-maj=7.6km s-min=6.2km az=101.2. Felt (III) at Merke, Talas. Moment Tensor Solution.							
NEIC		Event type fe. Error ellipse: s-maj=9.0km s-min=6.4km az=223.0. Felt (IV) at Lugovoye and (III) at Merke. Also felt (III) at Talas, Kyrgyzstan.							
KNET		Error ellipse: s-maj=3.4km s-min=2.2km az=91.0							
NNC		Error ellipse: s-maj=8.9km s-min=2.8km az=3.0							
ISC	V	28 03 42 35.8-8.7	42.18N-04	73.63E-06	10	21	0-2		
KNET	V	28 03 42 35.4-3.0	42.21N	73.69E	0-0	1.9L			
ISCJB	V	28 03 42 36.1-7.6	42.18N-04	73.65E-05	10	1.9L			
NNC	V	28 03 42 36.4-3.1	43.55N	73.58E	0	2.4b,2.1			
KNET		Error ellipse: s-maj=2.2km s-min=1.2km az=88.0							
ISCJB		Error ellipse: s-maj=5.8km s-min=5.4km az=32.8							
NNC		Error ellipse: s-maj=80.9km s-min=7.1km az=6.0							
ISC	V	28 03 23 56.2-7.5	42.18N-04	73.65E-05	10	21	0-3		
ISCJB	V	28 03 23 56.0-7.8	42.18N-04	73.63E-05	10				
KNET	V	28 03 23 55.7-3.3	42.21N	73.70E	0-0	3.0L			
NNC	V	28 03 23 56.9-5.0	42.41N	73.52E	0	3.8b,3.5			
ISCJB		Error ellipse: s-maj=6.0km s-min=5.6km az=42.1							
KNET		Error ellipse: s-maj=2.4km s-min=1.4km az=104.0							
NNC		Error ellipse: s-maj=117.0km s-min=16.0km az=175.0							
ISC	V	25 18 33 06.6-5.8	42.17N-04	73.76E-04	3	24	0-3		
KNET	V	25 18 33 04.9-3.8	42.15N	73.76E	3-5	2.1L			
ISCJB	V	25 18 33 06.3-5.6	42.17N-04	73.76E-04	3	2.1L			
NNC	V	25 18 33 09.0-2.5	42.47N	73.78E	0	2.3b,2.1			
KNET		Error ellipse: s-maj=3.8km s-min=2.9km az=109.0							
ISCJB		Error ellipse: s-maj=5.5km s-min=3.6km az=139.8							
NNC		Error ellipse: s-maj=48.1km s-min=11.7km az=173.0							
ISC	V	31 01 20 04.7-1.8	41.2N-10	72.7E-10	10	15	1-3		
ISCJB	V	31 01 20 05.0-1.7	41.3N-10	72.68E-10	10				
KNET	V	31 01 20 05.1-8.6	41.37N	72.89E	10-3	2.0L			
NNC	V	31 01 20 09.8-11	41.45N	72.57E	20-60	2.3b,1.8			
ISCJB		Error ellipse: s-maj=19.0km s-min=9.7km az=150.8							
KNET		Error ellipse: s-maj=7.1km s-min=4.6km az=139.0							
NNC		Error ellipse: s-maj=69.1km s-min=33.1km az=161.0							
ISC	V	13 01 20 21.4-1.7	41.0N-10	72.4E-10	10	17	1-3		
ISCJB	V	13 01 20 21.1-1.6	41.0N-10	72.4E-10	10				
NNC	V	13 01 20 21.7-4.7	41.26N	72.52E	0	2.6b,2.3			
KNET	V	13 01 20 21.8-4.6	41.20N	72.71E	2-2	2.6L,2.3			
ISCJB		Error ellipse: s-maj=17.5km s-min=10.3km az=142.3							
NNC		Error ellipse: s-maj=57.8km s-min=21.7km az=6.0							
KNET		Error ellipse: s-maj=3.8km s-min=2.3km az=112.0							
ISC	V	14 15 19 25.2-1.2	41.21N-08	73.15E-08	10	21	1-12		
ISCJB	V	14 15 19 24.0-1.3	41.15N-08	73.14E-09	10				
KNET	V	14 15 19 23.7-4.5	41.23N	73.39E	0-0	3.2L			
NNC	V	14 15 19 25.1-2.2	41.35N	73.17E	0	3.8b,3.5			
ISCJB		Error ellipse: s-maj=12.0km s-min=8.8km az=117.6							
KNET		Error ellipse: s-maj=3.1km s-min=2.6km az=83.0							
NNC		Error ellipse: s-maj=22.9km s-min=8.0km az=172.0							
ISC	V	15 15 04 29.7-8.6	42.18N-05	73.46E-05	10	29	0-2		
NNC	V	15 15 04 27.6-3.3	42.07N	73.24E	10-21	2.7b,2.2			
KNET	V	15 15 04 28.7-3.2	42.19N	73.48E	11-1	1.9L,2.2			
ISCJB	V	15 15 04 29.4-8.6	42.17N-05	73.43E-05	10	1.9L,2.2			
NNC	I	24 04 37 41.4-13	40.16N	73.05E	13-69	3.1b,2.5			
NNC		Error ellipse: s-maj=76.6km s-min=25.6km az=7.0							
NNC	I	16 09 08 20.4-4.0	39.51N	72.17E	0	3.5b,3.0			
NNC		Error ellipse: s-maj=38.6km s-min=24.8km az=33.0							
ISC	I	20 13 10 05.6-5.8	42.56N-03	74.58E-04	10-8	20	0-3		
ISCJB	I	20 13 10 05.4-5.2	42.56N-03	74.58E-04	10-4				
KNET	I	20 13 10 05.0-3.3	42.56N	74.60E	5-6	2.1L			
NNC	I	20 13 10 05.7-7.8	42.71N	74.54E	0	3.0b,2.9			
ISCJB		Error ellipse: s-maj=5.6km s-min=4.6km az=38.1							

KNET		Error ellipse: s-maj=2.0km s-min=1.7km az=136.0							
NNC		Error ellipse: s-maj=15.1km s-min=4.1km az=170.0							
ISC	I	25 23 11 06.6-65	42.15N-04	73.81E-04	3-5	27	0-11		
ISCJB	I	25 23 11 05.9-7.4	42.14N-04	73.75E-04	11				
KNET	I	25 23 11 05.2-3.9	42.12N	73.84E	11-3	2.6L			
NNC	I	25 23 11 08.8-1.5	42.36N	73.84E	0	4.0b,3.9			
ISCJB		Error ellipse: s-maj=6.3km s-min=4.8km az=5.6							
KNET		Error ellipse: s-maj=3.2km s-min=2.7km az=3.0							
NNC		Error ellipse: s-maj=24.8km s-min=6.5km az=173.0							
ISC	I	27 18 47 20.5-81	40.36N-06	73.34E-05	69-6	4.1b	105	2-96	
IDC	I	27 18 47 13.9-6.1	39						

NNC Error ellipse: s-maj=80.9km s-min=59.6km az=15.0.
ISC IV 13 09 14 23.0-72 37.01N-04 71.68E-09 116-9 3.9b 81 4-82
 NEIC IV 13 09 14 22.7-1.3 37.11N 71.79E 106-13 4.0b **¶18336952**
 MOS IV 13 09 14 22.0-1.0 37.14N 71.79E 113 4.1b
 ISCJB IV 13 09 14 23.0-78 37.09N-04 71.75E-09 126-9 3.9b
 BJI IV 13 09 14 24.8 36.88N 71.94E 93 3.9b
 NNC IV 13 09 14 33.9-2.7 38.03N 70.29E 0 4.2,3.8b
 IDC IV 13 09 14 35.5-12 37.87N 71.81E 178-86 4.1,3.7
 ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=21.5km s-min=5.7km az=56.0.
 MOS Error ellipse: s-maj=17.7km s-min=7.4km az=104.0.
 ISCJB Event type se. Error ellipse: s-maj=12.5km s-min=4.3km az=137.4.
 NNC Error ellipse: s-maj=28.1km s-min=20.0km az=168.0.
 IDC Error ellipse: s-maj=93.8km s-min=30.5km az=173.0.
ISC IV 12 15 59 36.0-1.2 37.64N-08 71.1E-10 116-17 3.9b 21 5-39
 NNC IV 12 15 59 32.0-3.8 37.19N 70.52E 108-31 4.2,3.2b
 ISCJB IV 12 15 59 35.2-1.4 37.61N-08 71.2E-10 129-20 3.6b,3.2b
 NEIC IV 12 15 59 35.7-3.1 37.59N 71.26E 118-22 3.5b,3.2b
 IDC IV 12 15 59 36.9-7.9 37.74N 71.23E 119-57 3.8,3.6b
 ISC Event type se.
 NNC Error ellipse: s-maj=39.7km s-min=29.8km az=27.0.
 ISCJB Event type se. Error ellipse: s-maj=19.9km s-min=9.4km az=122.5.
 NEIC Event type se. Error ellipse: s-maj=34.5km s-min=16.6km az=165.0.
 IDC Error ellipse: s-maj=100.3km s-min=31.5km az=158.0.
NNC II 10 04 54 21.0-4.9 37.03N 69.96E 0 3.8b,3.4 ¶18335294
 NNC Error ellipse: s-maj=84.9km s-min=33.2km az=108.0.
II 06 00 25 35.3-12 37.71N 70.68E 36-375 3.9,3.6b ¶18335107
 NNC Error ellipse: s-maj=211.8km s-min=98.7km az=121.0.
ISC IV 17 01 42 08.4-51 37.07N-03 71.89E-06 133-6 3.8b 121 4-82
 MOS IV 17 01 42 06.3-1.0 37.17N 71.85E 117 3.9b **¶18320670**
 BJI IV 17 01 42 07.6 37.17N 71.72E 136 4.6b
 ISCJB IV 17 01 42 07.2-56 37.07N-03 71.86E-06 135-7 3.8b
 NEIC IV 17 01 42 08.8-2.0 37.35N 71.80E 110-19 3.9b
 IDC IV 17 01 42 09.2-4.3 37.06N 71.91E 137-37 4.0,3.7
 NNC IV 17 01 42 20.6-2.4 37.97N 70.84E 191-17 4.5,3.2b
 ISC Event type se.
 MOS Error ellipse: s-maj=12.3km s-min=6.7km az=94.9.
 ISCJB Event type se. Error ellipse: s-maj=8.7km s-min=3.8km az=137.8.
 NEIC Event type se. Error ellipse: s-maj=14.3km s-min=7.8km az=189.0.
 IDC Error ellipse: s-maj=25.9km s-min=13.2km az=174.0.
 NNC Error ellipse: s-maj=26.2km s-min=18.1km az=51.0.
II 21 04 38 44.3-5.5 36.98N 71.17E 201-82 3.7,2.7b ¶18344054
 NNC Error ellipse: s-maj=54.0km s-min=32.1km az=24.0.
II 21 18 04 06.1-4.2 37.40N 71.37E 256-39 3.5,2.1b ¶18344079
 NNC Error ellipse: s-maj=41.8km s-min=22.8km az=8.0.
ISC IV 17 22 11 40.8-94 36.73N-08 71.5E-10 188-12 3.5b 31 6-81
 ISCJB IV 17 22 11 39.8-98 36.72N-08 71.5E-10 191-13 3.5b **¶18517566**
 NNC IV 17 22 11 46.5-3.4 37.14N 70.35E 95-70 3.7,3.1b
 NEIC IV 17 22 11 50.1-4.5 37.08N 71.37E 261-34 3.4b,3.1b
 IDC IV 17 22 11 53.6-16 37.36N 71.37E 273-98 3.7,3.1
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=20.4km s-min=6.9km az=112.9.
 NNC Error ellipse: s-maj=53.5km s-min=20.8km az=61.0.
 NEIC Event type se. Error ellipse: s-maj=43.1km s-min=17.6km az=173.0.
 IDC Error ellipse: s-maj=160.1km s-min=34.2km az=1.0.
II 25 12 09 03.4-5.5 37.27N 69.19E 0 3.7b,3.5 ¶18354236
 NNC Error ellipse: s-maj=58.9km s-min=42.8km az=105.0.
II 27 17 18 26.1-3.1 37.74N 71.05E 117-100 3.6,2.9b ¶18438914
 NNC Error ellipse: s-maj=109.1km s-min=27.7km az=78.0.
ISC IV 02 23 59 21.8-55 37.14N-03 71.99E-07 124-7 3.4b 70 4-82
 MOS IV 02 23 59 09.5-1.7 36.66N 71.87E 33 4.2b **¶18336570**
 IDC IV 02 23 59 19.2-5.8 37.07N 71.97E 99-50 3.7,3.5
 BJI IV 02 23 59 20.6 37.26N 71.84E 136 3.7,3.5
 NEIC IV 02 23 59 20.8-1.2 37.15N 72.04E 109-14 3.7b,3.5
 ISCJB IV 02 23 59 20.9-59 37.17N-03 71.96E-07 131-8 3.4b,3.5
 NNC IV 02 23 59 32.8-6.9 38.29N 72.50E 243-55 4.3,2.6b
 ISC Event type se.
 MOS Error ellipse: s-maj=21.9km s-min=12.1km az=91.4.
 IDC Error ellipse: s-maj=34.2km s-min=20.1km az=3.0.
 NEIC Event type se. Error ellipse: s-maj=11.2km s-min=6.8km az=152.0.
 ISCJB Event type se. Error ellipse: s-maj=9.9km s-min=4.3km az=142.1.
 NNC Error ellipse: s-maj=70.1km s-min=56.4km az=18.0.
ISC IV 18 13 01 51.2-54 36.36N-03 71.69E-07 116-8 4.1b 47 3-66
 IDC IV 18 13 01 37.7-3.1 35.94N 71.52E 0 4.1L,4.0
 NEIC IV 18 13 01 47.6-6.4 36.31N 71.61E 74-47 4.5b,4.0
 ISCJB IV 18 13 01 50.0-57 36.40N-03 71.64E-07 121-9 4.1b,4.0
 NNC IV 18 13 01 53.1-6.4 36.93N 70.20E 0 3.8,3.5b **¶18337717**
 ISC Event type se.
 IDC Error ellipse: s-maj=61.0km s-min=27.1km az=138.0.
 NEIC Event type se. Error ellipse: s-maj=58.4km s-min=18.5km az=196.0.
 ISCJB Event type se. Error ellipse: s-maj=10.2km s-min=4.9km az=150.2.
 NNC Error ellipse: s-maj=64.8km s-min=45.0km az=115.0.
ISC VI 01 10 55 14.2-3.0 37.2N-20 71.1E-20 233-22 3.4b 25 5-82
 IDC VI 01 10 55 03.1-8.3 36.35N 70.99E 172-69 3.8,3.4 **¶10698725**
 ISCJB VI 01 10 55 09.1-3.0 36.9N-20 71.0E-20 213-23 3.4b,3.4
 NNC VI 01 10 55 23.4-12 38.15N 72.34E 319-112 3.3,1.9b
 IDC Error ellipse: s-maj=66.8km s-min=25.5km az=35.0.
 ISCJB Error ellipse: s-maj=39.6km s-min=15.1km az=71.2.
 NNC Error ellipse: s-maj=145.7km s-min=79.6km az=13.0.
ISC IV 30 01 43 47.7-72 36.28N-04 71.39E-08 128-10 3.8b 57 5-82
 IDC IV 30 01 43 42.3-6.5 36.01N 71.22E 79-56 3.8L,3.8 **¶18338232**
 MOS IV 30 01 43 44.5-92 36.21N 71.24E 103 4.0b,3.8
 ISCJB IV 30 01 43 46.5-85 36.28N-04 71.38E-08 129-11 3.8b,3.8
 NEIC IV 30 01 43 46.1-2.3 36.22N 71.41E 107-19 3.7b,3.8
 NNC IV 30 01 43 55.7-15 36.88N 69.95E 97-215 4.5,3.5b
 ISC Event type se.
 IDC Error ellipse: s-maj=35.8km s-min=24.3km az=22.0.
 MOS Error ellipse: s-maj=23.7km s-min=9.6km az=100.7.
 ISCJB Event type se. Error ellipse: s-maj=11.8km s-min=5.0km az=127.9.
 NEIC Event type se. Error ellipse: s-maj=21.0km s-min=12.6km az=188.0.
 NNC Error ellipse: s-maj=120.1km s-min=100.5km az=24.0.
ISC IV 24 16 43 30.3-26 36.97N-02 71.80E-05 122 4.1b 164 3-84
 ISCJB IV 24 16 43 28.8-25 36.98N-02 71.77E-05 120 4.1b **¶18338045**
 MOS IV 24 16 43 29.4-1.2 37.12N 71.60E 115 4.2b
 IDC IV 24 16 43 30.6-70 36.95N 71.72E 120-4 4.0,3.8
 BJI IV 24 16 43 31.0 37.16N 71.74E 114 4.6b,4.6b
 NEIC IV 24 16 43 31.5-53 37.18N 71.69E 121 4.3b,4.3b
 NNC IV 24 16 43 37.1-5.1 37.54N 70.99E 148-50 4.7,3.6b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=5.2km s-min=2.9km az=153.5.
 MOS Error ellipse: s-maj=11.0km s-min=5.2km az=85.8.
 IDC Error ellipse: s-maj=16.2km s-min=13.2km az=179.0.
 NEIC Event type se. Error ellipse: s-maj=10.0km s-min=9.3km az=65.0.
 NNC Error ellipse: s-maj=46.2km s-min=37.3km az=49.0.
ISC IV 20 18 41 07.3-1.2 36.57N-07 71.4E-10 160-11 3.5b 61 6-84
 ISCJB IV 20 18 41 06.1-1.2 36.54N-07 71.4E-10 161-12 3.5b **¶10697890**
 MOS IV 20 18 41 06.2-1.2 36.55N 71.30E 162 3.8b
 IDC IV 20 18 41 07.1-5.1 36.47N 71.41E 161-45 3.9,3.6
 NEIC IV 20 18 41 07.5-3.3 36.65N 71.31E 146-30 3.8b,3.6
 NNC IV 20 18 41 15.8-2.1 37.22N 71.25E 186-19 4.4,2.8b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=17.6km s-min=5.8km az=108.6.
 MOS Error ellipse: s-maj=19.5km s-min=8.7km az=92.5.
 IDC Error ellipse: s-maj=25.0km s-min=16.9km az=25.0.
 NEIC Event type se. Error ellipse: s-maj=29.7km s-min=13.4km az=217.0.

NNC Error ellipse: s-maj=31.8km s-min=18.6km az=62.0.
ISC IV 25 11 48 12.1-84 37.13N-05 71.9E-10 171-10 3.4b 74 5-81
 NEIC IV 25 11 48 04.3-3.8 36.68N 71.80E 117-25 3.7b **¶18338097**
 IDC IV 25 11 48 07.0-7.5 36.87N 71.88E 126-58 3.8,3.4
 ISCJB IV 25 11 48 11.7-7.3 37.17N-04 71.92E-09 188-9 3.4b,3.4
 MOS IV 25 11 48 12.1-1.0 37.27N 71.79E 170 3.7b,3.4
 NNC IV 25 11 48 21.8-2.5 37.90N 71.75E 180-24 4.0,2.9b
 ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=39.2km s-min=19.3km az=168.0.
 IDC Error ellipse: s-maj=57.2km s-min=32.4km az=158.0.
 ISCJB Event type se. Error ellipse: s-maj=12.9km s-min=4.6km az=133.7.
 MOS Error ellipse: s-maj=26.8km s-min=9.2km az=89.3.
 NNC Error ellipse: s-maj=29.6km s-min=21.1km az=100.0.
ISC IV 06 14 10 40.8-27 37.2N-20 71.2E-20 242-21 3.3b 21 5-81
 IDC IV 06 14 10 27.4-8.3 36.18N 71.16E 168-71 3.7,3.3b **¶18504049**
 NEIC IV 06 14 10 28.8-13 36.22N 71.20E 181-71 4.1b,3.3b
 ISCJB IV 06 14 10 38.4-2.6 37.1N-20 71.1E-20 237-20 3.3b,3.3b
 ISC Event type se.
 NEIC Event type se.
 ISCJB Event type se.
ISC IV 07 16 03 15.0-89 36.75N-05 71.4E-10 195-10 3.2b 48 6-84
 ISCJB IV 07 16 03 13.9-86 36.69N-04 71.38E-10 192-10 3.2b **¶18336781**
 MOS IV 07 16 03 13.9-99 36.64N 71.29E 190 3.8b
 NEIC IV 07 16 03 15.3-1.5 36.70N 71.47E 193-15 4.2b
 IDC IV 07 16 03 18.5-5.7 36.78N 71.58E 225-51 3.6,3.1
 NNC IV 07 16 03 19.1-2.2 37.11N 71.17E 216-28 2.9,2.1b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=13.9km s-min=4.8km az=129.8.
 MOS Error ellipse: s-maj=21.2km s-min=11.8km az=103.8.
 NEIC Event type se. Error ellipse: s-maj=19.4km s-min=5.9km az=59.0.
 IDC Error ellipse: s-maj=45.8km s-min=18.5km az=44.0.
 NNC Error ellipse: s-maj=21.1km s-min=15.9km az=13.0.
ISC IV 08 23 13 03.4-78 36.60N-05 71.04E-10 196-8 3.5b 78 6-84
 IDC IV 08 23 13 00.4-6.5 36.36N 71.02E 173-58 3.9,3.5 **¶10697622**
 MOS IV 08 23 13 01.6-8.3 36.57N 71.04E 190 3.9b,3.5
 ISCJB IV 08 23 13 02.4-81 36.58N-05 71.06E-10 199-9 3.5b,3.5
 NEIC IV 08 23 13 03.0-1.3 36.60N 71.11E 186-13 3.9b,3.5
 NNC IV 08 23 13 03.0-2.2 37.35N 70.71E 200-13 3.7,2.7b
 ISC Event type se.
 IDC Error ellipse: s-maj=33.6km s-min=17.4km az=25.0.
 MOS Error ellipse: s-maj=15.8km s-min=8.3km az=100.0.
 ISCJB Event type se. Error ellipse: s-maj=14.1km s-min=4.5km az=122.1.
 NEIC Event type se. Error ellipse: s-maj=16.6km s-min=5.1km az=58.0.
 NNC Error ellipse: s-maj=24.1km s-min=18.8km az=44.0.
VI 09 16 42 21.2-4.8 37.14N 71.18E 0 3.5b,3.2 ¶18657043
 NNC Error ellipse: s-maj=42.5km s-min=35.6km az=89.0.
ISC III 10 04 43 05.9-47 36.60N-04 71.2E-10 231-8 3.5b 41 3-82
 NEIC III 10 04 43 01.7-3.3 36.30N 71.12E 200-24 3.6b **¶10600850**
 IDC III 10 04 43 01.1-5.4 36.25N 71.06E 196-48 4.0,3.5
 MOS III 10 04 43 03.0-1.6 36.63N 70.63E 194 5.1b,3.5
 ISCJB III 10 04 43 05.0-45 36.59N-04 71.1E-10 237-7 3.5b,3.5
 NNC III 10 04 43 12.4-5.3 37.20N 70.97E 244-57 3.7,2.7b
 ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=30.7km s-min=16.0km az=212.0.
 IDC Error ellipse: s-maj=27.7km s-min=20.5km az=5.0.
 MOS Error ellipse: s-maj=22.7km s-min=9.6km az=87.7.
 ISCJB Event type se. Error ellipse: s-maj=13.5km s-min=5.9km az=16.9.
 NNC Error ellipse: s-maj=51.6km s-min=29.6km az=20.0.
VI 05 02 27 23.4-2.3 37.09N 71.14E 208-44 3.2,2.2b ¶18650161
 NNC Error ellipse: s-maj=36.8km s-min=17.3km az=51.0.
VI 04 18 34 13.4-11 37.47N 69.45E 0 3.7b,3.2 ¶18650130
 NNC Error ellipse: s-maj=120.2km s-min=92.1km az=145.0.
VI 20 03 23 35.3-8.3 37.84N 71.65E 190-88 3.2,2.4b ¶18588515
 NNC Error ellipse: s-maj=76.8km s-min=41.9km az=12.0.
VI 29 06 35 32.8-5.0 37.51N 70.96E 0 3.2b,2.8 ¶18750927
 NNC Error ellipse: s-maj=40.6km s-min=38.0km az=55.0.
III 10 05 35 12.1-12 37.42N 71.48E 0 3.7b,3.5 ¶10600874
 NNC Error ellipse: s-maj=101.1km s-min=71.2km az=172.0.
III 13 18 49 25.4-9.3 37.45N 71.29E 0 3.3b,3.0 ¶10603165
 NNC Error ellipse: s-maj=74.7km s-min=61.4km az=172.0.
III 04 16 41 46.5-19 37.19N 71.11E 161-999 3.5,2.6b ¶10597311
 NNC Error ellipse: s-maj=347.8km s-min=270.8km az=17.0.
III 06 18 53 18.0-23 38.03N 71.73E 0 3.4b,3.1 ¶10598587
 NNC Error ellipse: s-maj=187.5km s-min=138.5km az=8.0.
ISC III 03 01 08 05.2-82 36.43N-05 71.0E-10 249-9 3.5b 56 6-84
 MOS III 03 01 08 00.0-88 36.16N 70.81E 219 3.8b **¶10596193**
 IDC III 03 01 08 01.6-7.5 36.12N 70.99E 223-72 3.9,3.3b
 ISCJB III 03 01 08 04.2-80 36.44N-04 71.0E-10 255-9 3.5b,3.3b
 NEIC III 03 01 08 05.9-1.8 36.44N 71.05E 257-18 4.3b,3.3b
 NNC III 03 01 08 10.8-3.3 36.90N 71.12E 254-35 4.1,2.7b
 ISC Event type se.
 MOS Error ellipse: s-maj=20.5km s-min=12.1km az=93.3.
 IDC Error ellipse: s-maj=36.7km s-min=15.1km az=13.0.
 ISCJB Event type se. Error ellipse: s-maj=14.1km s-min=5.4km az=136.2.
 NEIC Event type se. Error ellipse: s-maj=22.0km s-min=8.6km az=55.0.
 NNC Error ellipse: s-maj=38.9km s-min=26.4km az=19.0.
ISC III 22 19 05 50.2-1.3 36.58N-09 71.2E-10 210-13 3.5b 32 7-84
 IDC III 22 19 05 49.4-1.2 36.57N-10 71.3E-10 214-13 3.5b **¶10608668**
 MOS III 22 19 05 49.1-5.8 36.41N 71.05E 201-53 3.8,3.4b
 NEIC III 22 19 05 50.8-1.5 36.55N 71.25E 212-15 4.4b,3.4b
 NNC III 22 19 05 56.7-6.0 37.16N 70.92E 180-110 3.5,2.6b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=23.3km s-min=5.2km az=99.3.
 IDC Error ellipse: s-maj=30.1km s-min=18.9km az=35.0.
 NEIC Event type se. Error ellipse: s-maj=20.6km s-min=5.5km az=57.0.
 NNC Error ellipse: s-maj=149.0km s-min=51.4km az=72.0.
ISC III 22 20 20 30.3-5.3 37.2N-40 71.6E-20 211-35 3.4b 13 6-81
 NEIC III 22 20 19 56.1-3.0 35.11N 71.14E 10 3.8b **¶10608694**
 IDC III 22 20 24.5-2.0 36.70N 71.49E 185-125 3.6,3.3b
 ISCJB III 22 20 28.4-4.6 37.1N-30 71.5E-20 209-32 3.4b,3.3b
 NNC III 22 20 29.2-5.0 37.18N 71.66E 187-86 3.6,2.4b
 ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=50.6km s-min=26.5km az=159.0.
 IDC Error ellipse: s-maj=195.6km s-min=42.8km az=5.0.
 ISCJB Event type se. Error ellipse: s-maj=48.9km s-min=26.3km az=21.9.
 NNC Error ellipse: s-maj=144.9km s-min=43.7km az=70.0.
ISC III 05 00 56 45.6-1.4 37.65N-08 71.7E-10 128-17 3.8b 26 5-43
 NEIC III 05 00 56 34.8-1.2 37.56N 71.13E 10 4.1b **¶10597533**
 IDC III 05 00 56 45.0-1.4 37.68N-07 71.7E-10 135-18 3.6b
 NEIC III 05 00 56 48.6-33 38.35N 71.30E 83-130 3.6,3.4b
 NNC III 05 00 56 50.4-7.2 38.19N 71.73E 258-87 3.7,2.4b
 ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=26.1km s-min=10.7km az=57.0.
 ISCJB Event type se. Error ellipse: s-maj=18.8km s-min=8.6km az=124.2.
 IDC Error ellipse: s-maj=643.2km s-min=95.1km az=162.0.
 NNC Error ellipse: s-maj=80.4km s-min=40.1km az=14.0.
ISC III 09 23 57 57.4-44 36.65N-03 71.58E-07 152-5 3.6b 72 3-90
 MOS III 09 23 57 51.8-74 36.39N 71.40E 121 3.8b **¶10600708**
 IDC III 09 23 57 52.6-6.6 36.37N 71.40E 114-59 3.8b,3.8
 NEIC III 09 23 57 52.5-2.4 36.37N 71.47E 112-19 3.9b,3.8
 ISCJB III 09 23 57 56.5-46 36.65N-03 71.60E-07 157-6 3.6b,3.8
 ISC Event type se.

NNC	III	03 17 18 55.1-3.0	38.05N	70.78E	0	3.4b,2.7			
ISCJB		Error ellipse: s-maj=30.0km s-min=18.1km az=64.6							
NNC		Error ellipse: s-maj=44.5km s-min=19.1km az=109.0							
ISC	III	04 15 38 27.4-2.7	38.9N-20	71.2E-20	162-49		11	4-13	
ISCJB	III	04 15 38 26.5-2.5	38.9N-20	71.2E-20	162-49		11	4-13	
NNC	III	04 15 38 27.0-2.1	39.22N	71.03E	8-3	3.5b,3.1	11	10597290	
ISCJB		Error ellipse: s-maj=35.7km s-min=17.9km az=45.5							
NNC		Error ellipse: s-maj=14.9km s-min=12.7km az=13.0							
ISC	III	16 13 15 25.6-3.8	36.7N-20	71.2E-30	127-41		12	6-17	
NNC	III	16 13 15 28.4-6.7	36.69N	71.05E	102-89	4.2,3.4b	12	10604793	
ISCJB	III	16 13 15 29.1-3.9	36.8N-20	71.2E-30	127-51	4.2,3.4b	12	10604793	
ISC	III	19 17 13 08.1-2.8	37.3N-20	72.0E-30	150-40		13	6-17	
ISCJB	III	19 17 13 08.2-2.6	37.3N-20	72.0E-30	169-42		13	10606676	
NNC	III	19 17 13 11.3-6.4	37.81N	70.67E	0	3.6b,3.0	13	10606676	
ISCJB		Error ellipse: s-maj=53.8km s-min=8.9km az=108.8							
NNC		Error ellipse: s-maj=80.4km s-min=48.9km az=98.0							
ISC	III	20 03 40 06.6-2.9	37.4N-20	71.2E-20	10		11	5-14	
ISCJB	III	20 03 40 05.3-2.8	37.5N-20	71.3E-20	10		11	10606970	
NNC	III	20 03 40 14.3-4.4	37.88N	70.32E	0	3.7b,3.6	11	10606970	
ISCJB		Error ellipse: s-maj=28.5km s-min=17.8km az=68.8							
NNC		Error ellipse: s-maj=49.7km s-min=31.8km az=118.0							
ISC	III	21 08 33 25.5-1.4	37.13N-08	71.8E-20	108-16	3.5b	39	5-81	
ISCJB	III	21 08 33 26.9-1.2	37.24N-07	72.1E-10	144-16	3.3b	39	10607121	
NNC	III	21 08 33 35.5-1.1	38.02N	71.48E	183-134	4.1,2.9b	39	10607121	
IDC	III	21 08 33 39.3-2.5	38.36N	71.82E	158-139	3.7,3.5L	39	10607121	
ISCJB		Error ellipse: s-maj=19.8km s-min=5.5km az=113.1							
NNC		Error ellipse: s-maj=110.4km s-min=55.9km az=13.0							
IDC		Error ellipse: s-maj=286.0km s-min=27.3km az=8.0							
ISC	III	22 17 35 23.7-1.5	36.4N-10	71.8E-30	100		11	7-17	
ISCJB	III	22 17 35 22.6-1.4	36.4N-10	71.9E-30	100		11	10608613	
NNC	III	22 17 35 29.5-6.0	36.86N	70.17E	0	3.7b,3.5	11	10608613	
ISCJB		Error ellipse: s-maj=36.2km s-min=6.7km az=114.9							
NNC		Error ellipse: s-maj=58.4km s-min=41.4km az=129.0							
ISC	III	23 07 46 22.6-1.1	36.54N-07	71.1E-10	191-11	3.6b	36	6-84	
IDC	III	23 07 46 17.2-7.0	36.20N	71.10E	142-62	3.9,3.6	36	10608948	
MOS	III	23 07 46 17.4-9.6	36.24N	70.95E	157	3.8b,3.6	36	10608948	
ISCJB	III	23 07 46 21.4-1.2	36.52N-07	71.1E-10	191-12	3.6b,3.6	36	10608948	
NNC	III	23 07 46 29.0-2.5	37.07N	71.06E	197-27	3.8,2.6b	36	10608948	
IDC		Error ellipse: s-maj=33.7km s-min=21.4km az=26.0							
MOS		Error ellipse: s-maj=30.2km s-min=11.7km az=93.9							
ISCJB		Error ellipse: s-maj=20.5km s-min=7.3km az=123.7							
NNC		Error ellipse: s-maj=30.0km s-min=15.4km az=40.0							
ISC	III	23 13 00 55.4-2.1	37.3N-10	71.4E-10	131-17	3.2b	32	5-80	
ISCJB	III	23 13 00 58.8-1.9	37.3N-10	71.4E-10	132-16	3.2b	32	10609086	
IDC	III	23 13 01 01.2-2.5	37.46N	71.59E	133-148	3.7,3.6L	32	10609086	
NNC	III	23 13 01 02.8-6.3	37.60N	71.22E	171-64	3.5,2.7b	32	10609086	
MOS	III	23 13 01 02.1-1.1	37.60N	71.25E	144	3.7b,2.7b	32	10609086	
ISCJB		Error ellipse: s-maj=20.9km s-min=12.1km az=69.8							
IDC		Error ellipse: s-maj=252.8km s-min=40.7km az=4.0							
NNC		Error ellipse: s-maj=67.2km s-min=33.6km az=29.0							
MOS		Error ellipse: s-maj=39.9km s-min=14.5km az=99.7							
ISC	III	23 16 28 51.2-4.3	38.77N-10	71.3E-10	16-27	3.2b	17	4-83	
IDC	III	23 16 28 49.6-1.3	38.87N	71.63E	0	3.5,3.3b	17	10609182	
ISCJB	III	23 16 28 53.7-3.0	38.9N-20	71.5E-20	42-27	3.2b,3.3b	17	10609182	
NNC	III	23 16 28 54.5-4.6	39.27N	71.45E	10-13	3.4b,3.0	17	10609182	
IDC		Error ellipse: s-maj=44.0km s-min=23.9km az=143.0							
ISCJB		Error ellipse: s-maj=31.6km s-min=15.6km az=73.4							
NNC		Error ellipse: s-maj=34.2km s-min=28.5km az=156.0							
ISC	III	25 15 42 32.5-3.0	37.1N-20	71.2E-20	35		9	5-15	
ISCJB	III	25 15 42 31.6-2.9	37.2N-20	71.2E-20	33		9	10610455	
NNC	III	25 15 42 37.7-1.4	37.63N	70.52E	0	3.6b,3.4	9	10610455	
ISCJB		Error ellipse: s-maj=29.2km s-min=20.6km az=68.6							
NNC		Error ellipse: s-maj=111.6km s-min=95.5km az=157.0							
ISC	III	26 01 26 24.4-3.2	37.9N-20	72.0E-20	35		8	4-14	
ISCJB	III	26 01 26 23.3-3.1	38.0N-20	72.0E-20	33		8	10610705	
NNC	III	26 01 26 28.8-2.0	38.33N	71.68E	0	4.0b,3.7	8	10610705	
ISCJB		Error ellipse: s-maj=31.0km s-min=19.1km az=57.2							
NNC		Error ellipse: s-maj=442.6km s-min=146.6km az=87.0							
ISC	VI	07 14 02 07.9-2.5	38.9N-20	70.3E-20	91-55		15	4-14	
NNC	VI	07 14 02 04.8-2.4	39.14N	70.28E	0	3.2b,3.1	15	18650304	
ISCJB	VI	07 14 02 07.0-2.2	38.9N-10	70.4E-20	132-33	3.2b,3.1	15	18650304	
ISC	III	27 12 59 02.1-1.8	37.4N-10	70.8E-20	200	2.8b	8	6-80	
IDC	III	27 12 58 51.6-7.3	37.65N	69.61E	50-59	3.3L,3.3	8	10611692	
NNC	III	27 12 58 57.9-2.2	37.37N	70.37E	0	3.9b,3.8	8	10611692	
IDC		Error ellipse: s-maj=126.4km s-min=46.9km az=140.0							
NNC		Error ellipse: s-maj=36.1km s-min=18.5km az=99.0							
ISC	III	29 22 29 26.4-3.9	37.1N-30	70.1E-20	35		11	6-16	
ISCJB	III	29 22 29 16.6-2.4	36.5N-20	70.2E-10	33		11	10613110	
NNC	III	29 22 29 21.2-4.1	36.79N	69.53E	0	3.6b,3.6	11	10613110	
ISCJB		Error ellipse: s-maj=23.7km s-min=14.7km az=37.6							
NNC		Error ellipse: s-maj=36.8km s-min=28.7km az=127.0							
NNC	VI	07 21 24 34.0-9.8	37.65N	71.59E	267-109	2.9,1.8b			
ISC	VI	11 09 05 56.9-4.3	37.9N-30	70.6E-20	56-33	3.6b	9	5-43	
NEIC	VI	11 09 05 54.7-2.1	37.77N	70.63E	35	3.5b	9	18657099	
ISCJB	VI	11 09 05 55.9-4.5	37.9N-30	70.6E-20	65-34	3.6b	9	18657099	
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	VI	13 04 22 12.2-4.6	36.35N-03	71.39E-07	129-9	3.6b	68	3-66	
IDC	VI	13 04 21 56.6-3.2	35.80N	71.11E	0	3.9,3.8	68	18517853	
NEIC	VI	13 04 22 04.6-8.5	36.10N	70.87E	35	3.7b,3.8	68	18517853	
MOS	VI	13 04 22 06.9-9.4	36.20N	71.08E	82	3.9b,3.8	68	18517853	
ISCJB	VI	13 04 22 11.2-4.9	36.35N-03	71.40E-07	136-9	3.6b,3.8	68	18517853	
NNC	VI	13 04 22 21.9-6.9	37.20N	71.00E	196-73	3.8,2.7b	68	18517853	
ISC		Event type se.							
IDC		Error ellipse: s-maj=64.9km s-min=30.0km az=128.0							
NEIC		Event type se. Error ellipse: s-maj=17.2km s-min=9.6km az=46.0							
MOS		Error ellipse: s-maj=21.2km s-min=10.1km az=102.3							
ISCJB		Event type se. Error ellipse: s-maj=9.2km s-min=4.3km az=160.7							
NNC		Error ellipse: s-maj=63.4km s-min=41.3km az=28.0							
ISC	VI	15 01 23 54.4-5.7	36.42N-05	71.1E-10	208-11	3.3b	38	3-66	
MOS	VI	15 01 23 38.3-1.6	35.55N	71.09E	106	4.0b	38	18517893	
NEIC	VI	15 01 23 46.8-2.1	35.84N	71.24E	166-18	3.3b	38	18517893	
IDC	VI	15 01 23 48.9-1.0	35.98N	71.29E	178-114	3.6,3.2b	38	18517893	
ISCJB	VI	15 01 23 53.5-5.7	36.42N-05	71.2E-10	222-11	3.3b,3.2b	38	18517893	
NNC	VI	15 01 24 00.8-1.0	36.97N	71.28E	201-15	3.6,2.6b	38	18517893	
ISC		Event type se.							
MOS		Error ellipse: s-maj=22.6km s-min=9.9km az=89.0							
NEIC		Event type se. Error ellipse: s-maj=20.4km s-min=10.5km az=161.0							
IDC		Error ellipse: s-maj=82.8km s-min=47.9km az=97.0							
ISCJB		Event type se. Error ellipse: s-maj=17.2km s-min=7.8km az=28.9							
NNC		Error ellipse: s-maj=17.2km s-min=9.2km az=49.0							
ISC	VI	17 14 12 34.3-8.2	38.05N-06	70.4E-10	81-13	3.9b	26	4-65	
MOS	VI	17 14 12 23.9-2.1	37.44N	70.18E	33	4.1b	26	10698984	
NEIC	VI	17 14 12 25.0-1.1	37.65N	70.34E	10	3.7b	26	10698984	
IDC	VI	17 14 12 24.0-2.3	37.54N	70.40E	0	3.8b,3.8	26	10698984	
ISCJB	VI	17 14 12 32.8-9.6	38.03N-06	70.4E-10	80-14	3.9b,3.8	26	10698984	
ISC		Event type se.							
NEIC		Event type se.							
ISCJB		Event type se.							
ISC	II	01 08 23 10.2-4.1	37.12N-02	71.68E-06	124-6	4.1b	102	3-81	
NAO	II	01 08 22 39.4	35.40N	74.90E	33	4.1b	102	18095813	
NEIC	II	01 08 23 05.8-1.7	37.05N	71.57E	63-17	4.0b	102	18095813	
IDC	II	01 08 23 05.9-6.1	36.95N	71.65E	76-47	4.1L,4.1	102	18095813	
BJI	II	01 08 23 06.7	37.10N	71.60E	62	4.6b,4.3L	102	18095813	
MOS	II	01 08 23 07.1-1.1	37.07N	71.57E	102	4.2b,4.3L	102	18095813	
ISCJB	II	01 08 23 08.7-4.5	37.11N-02	71.62E-06	122-6	4.1b,4.3L	102	18095813	
NNC	II	01 08 23 19.2-4.4	37.87N	71.53E	198-37	4.9,3.3b	102	18095813	

MOS	II	13 21 46 44.2-1.6	35.78N	70.38E	33	4.1b			
IDC	II	13 21 46 48.3-9.3	35.85N	70.68E	64-86	3.8,3.7L			
ISCJB	II	13 21 46 52.7-1.2	36.03N-.05	70.8E-10	132-14	3.5b,3.7L			
NNC	II	13 21 47 04.6-6.0	36.84N	70.75E	198-52	3.9,2.8b			
ISC	Event type se.								
NEIC	Error ellipse: s-maj=22.4km s-min=6.7km az=50.0.								
MOS	Error ellipse: s-maj=20.9km s-min=9.0km az=101.0.								
IDC	Error ellipse: s-maj=60.1km s-min=47.4km az=137.0.								
ISCJB	Event type se. Error ellipse: s-maj=17.5km s-min=4.9km az=125.8.								
NNC	Error ellipse: s-maj=52.7km s-min=33.2km az=28.0.								
ISC	II	17 07 47 01.3-0.0	36.35N-.05	70.9E-10	134-13	3.4b	45	6-41	
IDC	II	17 07 46 43.7-5.0	35.73N	70.51E	0	3.7,3.7			118113751
NEIC	II	17 07 46 57.5-1.8	36.28N	70.76E	83-24	3.4b,3.7			
ISCJB	II	17 07 47 00.2-1.0	36.35N-.05	70.9E-10	136-15	3.4b,3.7			
NNC	II	17 07 47 09.3-3.9	36.95N	70.65E	146-37	4.5,3.2b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=86.4km s-min=40.8km az=6.0.								
NEIC	Event type se. Error ellipse: s-maj=22.2km s-min=6.7km az=59.0.								
ISCJB	Event type se. Error ellipse: s-maj=15.9km s-min=4.7km az=130.7.								
NNC	Error ellipse: s-maj=30.2km s-min=17.4km az=14.0.								
ISC	II	20 04 05 59.8-94	36.06N-.04	70.90E-10	93-10	3.5b	70	5-84	
NAO	II	20 04 05 19.6	32.58N	74.51E	33	4.0b			118113810
NEIC	II	20 04 05 50.7-93	35.85N	70.50E	10	3.5b			
IDC	II	20 04 05 53.1-8.1	35.72N	70.75E	33-59	3.7L,3.7			
ISCJB	II	20 04 05 58.8-99	36.12N-.04	70.88E-.09	96-11	3.6b,3.7			
NNC	II	20 04 06 07.2-6.1	36.77N	70.31E	101-78	4.2,3.4b			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=22.1km s-min=8.1km az=53.0.								
IDC	Error ellipse: s-maj=34.1km s-min=22.0km az=27.0.								
ISCJB	Event type se. Error ellipse: s-maj=13.3km s-min=4.3km az=134.7.								
NNC	Error ellipse: s-maj=47.7km s-min=32.4km az=18.0.								
ISC	II	21 14 27 40.0-1.2	36.11N-.07	70.1E-10	120-12	3.2b	44	6-85	
MOS	II	21 14 27 30.3-1.8	35.79N	69.75E	33	4.4b			118192956
IDC	II	21 14 27 35.6-1.5	35.94N	70.07E	75-143	3.6,3.4			
ISCJB	II	21 14 27 38.7-1.3	36.11N-.07	70.1E-10	124-14	3.2b,3.4			
NEIC	II	21 14 27 38.8-1.7	36.06N	70.11E	104-15	4.1b,3.4			
NNC	II	21 14 27 46.8-7.9	36.73N	70.05E	127-114	3.7,3.1b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=17.0km s-min=9.2km az=94.7.								
IDC	Error ellipse: s-maj=90.3km s-min=31.2km az=4.0.								
ISCJB	Event type se. Error ellipse: s-maj=19.0km s-min=5.3km az=116.9.								
NEIC	Event type se. Error ellipse: s-maj=22.0km s-min=5.2km az=59.0.								
NNC	Error ellipse: s-maj=63.1km s-min=38.4km az=23.0.								
ISC	II	23 02 42 37.7-2.8	36.62N-.20	69.7E-20	130-64		15	6-15	
ISCJB	II	23 02 42 37.6-2.5	36.7N-.10	69.7E-20	198-46				118113872
NNC	II	23 02 42 39.7-4.4	36.79N	69.48E	130-137	3.8,3.1b			
ISCJB	Error ellipse: s-maj=29.3km s-min=21.4km az=114.6.								
NNC	Error ellipse: s-maj=45.8km s-min=32.8km az=67.0.								
NNC	IV	05 15 07 57.9-11	36.77N	70.60E	193-170	2.9,2.2b			118517314
NNC	Error ellipse: s-maj=109.6km s-min=65.8km az=27.0.								
ISC	II	24 18 42 40.8-1.9	36.56N-.09	70.6E-20	202-23	3.4b	31	7-65	
NEIC	II	24 18 42 37.0-2.0	36.27N	70.12E	167-23	4.4b			118354183
ISCJB	II	24 18 42 40.0-1.7	36.56N-.08	70.5E-10	216-23	3.4b			
IDC	II	24 18 42 41.4-9.5	36.37N	70.17E	211-106	3.7,3.2b			
NNC	II	24 18 42 45.5-14	37.04N	70.07E	159-162	3.8,2.8b			
ISC	Event type se.								
NEIC	Event type se. Error ellipse: s-maj=25.3km s-min=6.6km az=57.0.								
ISCJB	Event type se. Error ellipse: s-maj=22.0km s-min=7.0km az=119.8.								
IDC	Error ellipse: s-maj=76.9km s-min=48.7km az=95.0.								
NNC	Error ellipse: s-maj=121.3km s-min=64.4km az=7.0.								
ISC	II	26 04 35 36.8-67	36.21N-.03	70.24E-.08	174-8	3.8b	82	6-85	
NAO	II	26 04 34 59.8	32.85N	70.57E	33	4.1b			118113952
MOS	II	26 04 35 37.3-78	36.36N	70.31E	189	4.0b			
ISCJB	II	26 04 35 37.0-72	36.27N-.03	70.28E-.08	190-8	3.8b			
NEIC	II	26 04 35 38.1-2.3	36.29N	70.34E	181-19	4.0b			
BJI	II	26 04 35 39.0	36.75N	70.15E	175	4.8b			
IDC	II	26 04 35 39.5-4.8	36.27N	70.30E	198-43	4.0,3.5			
NNC	II	26 04 35 44.7-2.9	36.85N	70.33E	190-27	4.6,3.2b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=16.7km s-min=7.1km az=93.1.								
ISCJB	Event type se. Error ellipse: s-maj=11.7km s-min=3.6km az=136.2.								
NEIC	Event type se. Error ellipse: s-maj=19.4km s-min=11.4km az=188.0.								
IDC	Error ellipse: s-maj=25.0km s-min=14.8km az=173.0.								
NNC	Error ellipse: s-maj=25.5km s-min=15.0km az=10.0.								
ISC	II	27 23 06 11.2-87	36.19N-.04	69.58E-.08	133-9	3.5b	84	6-85	
BJI	II	27 23 06 01.4	35.99N	68.79E	116	4.3b			118113976
IDC	II	27 23 06 05.2-6.7	35.86N	69.51E	84-58	4.0L,3.8			
ISCJB	II	27 23 06 09.9-98	36.17N-.04	69.57E-.08	133-11	3.5b,3.8			
MOS	II	27 23 06 09.8-1.5	36.14N	69.57E	131	4.1b,3.8			
NEIC	II	27 23 06 09.6-1.6	36.12N	69.54E	117-16	4.2b,3.8			
NNC	II	27 23 06 20.8-3.4	36.98N	69.39E	164-29	4.2,3.2b			
ISC	Event type se.								
IDC	Error ellipse: s-maj=35.9km s-min=19.7km az=178.0.								
ISCJB	Event type se. Error ellipse: s-maj=11.5km s-min=4.5km az=127.6.								
MOS	Error ellipse: s-maj=14.1km s-min=8.1km az=94.1.								
NEIC	Event type se. Error ellipse: s-maj=16.6km s-min=6.4km az=55.0.								
NNC	Error ellipse: s-maj=34.0km s-min=22.5km az=20.0.								
ISC	V	16 18 27 04.2-1.0	35.31N-.05	67.63E-.08	49-11	3.9b	51	4-86	
IDC	V	16 18 26 57.8-96	35.13N	67.64E	0	4.0,3.9			118463316
BJI	V	16 18 26 59.4	35.62N	67.23E	29	4.2b,4.1L			
NEIC	V	16 18 26 59.6-57	35.38N	67.73E	10	4.1b,4.1L			
ISCJB	V	16 18 27 01.6-1.2	35.36N-.05	67.62E-.08	39-12	3.9b,4.1L			
MOS	V	16 18 27 01.3-1.3	35.42N	67.67E	33	4.3b,4.1L			
ISC	Event type se.								
IDC	Error ellipse: s-maj=27.7km s-min=21.1km az=16.0.								
NEIC	Event type se. Error ellipse: s-maj=12.1km s-min=6.9km az=220.0.								
ISCJB	Event type se. Error ellipse: s-maj=11.4km s-min=7.1km az=129.5.								
MOS	Error ellipse: s-maj=15.6km s-min=8.9km az=83.1.								
ISC	V	17 21 48 56.7-1.7	36.44N-.10	70.3E-20	100		10	7-16	
ISCJB	V	17 21 48 54.9-1.8	36.3N-.10	70.1E-30	100				118583603
NNC	V	17 21 49 00.1-22	36.67N	69.73E	58-760	3.2b,3.0			
ISCJB	Error ellipse: s-maj=36.5km s-min=9.5km az=117.0.								
NNC	Error ellipse: s-maj=220.8km s-min=170.5km az=72.0.								
ISC	V	21 08 54 04.8-66	36.41N-.03	69.21E-.07	65-9	3.9b	89	3-85	
IDC	V	21 08 53 56.4-1.0	36.09N	69.28E	0	4.0,3.8L			110698548
NEIC	V	21 08 53 58.2-47	36.22N	69.24E	10	4.5b,3.8L			
MOS	V	21 08 53 59.9-94	36.27N	69.19E	32	4.1b,3.8L			
ISCJB	V	21 08 54 03.0-79	36.40N-.03	69.30E-.06	65-10	3.8b,3.8L			
BJI	V	21 08 54 04.6	36.34N	69.80E	10	4.2b,4.1L			
NNC	V	21 08 54 07.3-92	36.83N	68.86E	33	4.0b,3.8			
ISC	Event type se.								
IDC	Error ellipse: s-maj=25.0km s-min=19.8km az=24.0.								
NEIC	Event type se. Error ellipse: s-maj=10.3km s-min=5.3km az=224.0.								
MOS	Error ellipse: s-maj=11.3km s-min=6.7km az=91.9.								
ISCJB	Event type se. Error ellipse: s-maj=8.9km s-min=4.9km az=150.7.								
NNC	Error ellipse: s-maj=9.4km s-min=5.6km az=11.0.								
ISC	V	28 07 52 18.0-1.2	36.64N-.03	67.29E-.03	27-9	4.3b,3.9s	178	5-147	
IDC	V	28 07 52 13.3-64	36.39N	67.31E	0	4.2,4.2			110698668
BJI	V	28 07 52 15.8	36.50N	67.26E	20	4.7b,4.7b			
ISCJB	V	28 07 52 15.9-1.2	36.64N-.03	67.30E-.03	24-9	4.3b,3.9s			
NEIC	V	28 07 52 16.5-20	36.56N	67.34E	20	4.7b,3.9s			
MOS	V	28 07 52 16.7-1.0	36.57N	67.33E	33	4.8b,3.9s			
NNC	V	28 07 52 22.0-1.6	37.31N	67.05E	0	4.5b,4.2			
ISC	Event type se.								
IDC	Error ellipse: s-maj=16.4km s-min=13.7km az=26.0.								
ISCJB	Event type se. Error ellipse: s-maj=5.2km s-min=4.0km az=75.0.								
NEIC	Event type se. Error ellipse: s-maj=5.5km s-min=3.3km az=27.0.								
MOS	Error ellipse: s-maj=6.8km s-min=4.8km az=111.6.								
NNC	Error ellipse: s-maj=13.6km s-min=11.3km az=141.0.								
ISC	V	24 13 26 12.6-1.0	36.41N-.08	70.7E-10	187-12	3.6b	36	6-84	

IDC	V	24 13 26 08.8-7.7	36.14N	70.71E	159-70	3.9,3.5			118618453
MOS	V	24 13 26 09.1-38	36.18N	70.65E	173	4.2b,3.5			
ISCJB	V	24 13 26 11.5-1.0	36.40N-.08	70.7E-10	191-12	3.6b,3.5			
NNC	V	24 13 26 21.8-4.9	37.17N	70.87E	226-58	4.0,2.8b			
IDC	Error ellipse: s-maj=39.9km s-min=20.8km az=25.0.								
MOS	Error ellipse: s-maj=44.6km s-min=23.0km az=102.9.								
ISCJB	Error ellipse: s-maj=21.6km s-min=6.7km az=115.7.								
NNC	Error ellipse: s-maj=48.4km s-min=29.3km az=24.0.								
ISC	V	08 13 42 24.3-1.4	36.49N-.09	71.0E-20	200		19	6-16	
ISCJB	V	08 13 42 24.3-1.0	36.54N-.07	71.2E-10	200				118565766
NNC	V	08 13 42 30.3-4.6	37.04N	71.03E	193-68	3.1,2.2b			
ISCJB	Error ellipse: s-maj=16.9km s-min=6.6km az=124.2.								
NNC	Error ellipse: s-maj=45.6km s-min=26.0km az=24.0.								
NNC	V	04 10 23 37.3-2.2	35.05N	70.45E	0	3.8b,3.5			118565567
NNC	Error ellipse: s-maj=48.4km s-min=16.5km az=92.0.								
NNC	V	26 09 18 45.7-8.6	36.79N	70.32E	94-171	3.4,3.1b			118618531
NNC	Error ellipse: s-maj=110.8km s-min=50.4km az=61.0.								
NNC	V	28 06 21 21.6-10	36.93N	70.79E	0	3.4b,3.0			118618558
NNC	Error ellipse: s-maj=127.1km s-min=82.9km az=67.0.								
ISC	V	03 01 44 19.5-1.3	36.11N-.07	70.7E-10	93-14	3.5b	41	7-82	
MOS	V	03 01 44 07.5-1.4	35.48N	70.61E	33	4.3b			118555256
IDC	V	03 01 44 15.8-8.1	35.62N	70.90E	74-67	3.8,3.7L			
NEIC	V	03 01 44 14.4-3.7	35.69N	70.83E	71-29	3.6b,3.7L			
ISCJB	V	03 01 44 16.4-1.6	36.02N-.07	70.7E-10	81-17	3.5b,3.7L			
NNC	V	03 01 44 24.8-14	36.55N	69.95E	115-146	4.0,3.5b			
ISC	Event type se.								
MOS	Error ellipse: s-maj=23.8km s-min=7.0km az=90.0.								
IDC	Error ellipse: s-maj=55.0km s-min=33.1km az=150.0.								
NEIC	Event type se. Error ellipse: s-maj=30.1km s-min=17.6km az=196.0.								
ISCJB	Event type se. Error ellipse: s-maj=16.0km s-min=9.3km az=113.3.								
NNC	Error ellipse: s-maj=115.0km s-min=78.1km az=19.0.								
ISC	V	05 16 33 01.8-1.6	36.07N-.09	70.8E-20	84-15	3.4b	35	6-82	
IDC	V	05 16 32 59.8-1.8	36.08N-.09	70.8E-20	74-17	3.4b			118463094
ISCJB	V	05 16 32 59.6-6.7	36.13N	71.15E	50-54	3.6,3.6			
NEIC	V	05 16 33 02.9-5.0	36.24N	71.12E	80-37	3.2b,3.6			
NNC	V	05 16 33 09.5-2.4	36.97N	69.81E	0	3.8,3.6b			
ISC	Event type se.								
ISCJB	Event type se. Error ellipse: s-maj=25.2km s-min=6.6km az=114.8.								
ID									

NNC Error ellipse: s-maj=576.3km s-min=285.2km az=60.0.
 ISC VI 19 13 08 15.6-2.5 36.9N-20 70.6E-10 218-20 3.4b 22 6-65
 NEIC VI 19 13 08 04.2-3.9 36.01N 70.57E 167-33 4.2b 178173797
 IDC VI 19 13 08 05.0-10 36.07N 70.56E 171-110 3.7,3.2b
 ISCJB VI 19 13 08 13.4-2.3 36.8N-20 70.5E-10 219-20 3.4b,3.2b
 NNC VI 19 13 08 16.0-3.8 36.93N 70.63E 210-41 3.2,3.2b
 ISC Event type se.
 NEIC Error ellipse: s-maj=42.8km s-min=26.8km az=162.0.
 IDC Error ellipse: s-maj=66.2km s-min=49.9km az=127.0.
 ISCJB Event type se. Error ellipse: s-maj=27.0km s-min=17.0km az=25.3.
 NNC Error ellipse: s-maj=38.5km s-min=20.4km az=17.0.
 ISC VI 28 07 50 07.5-5.7 36.59N-04 70.69E-08 184-8 3.5b 46 4-82
 NEIC VI 28 07 49.44-1-1.0 35.53N 70.20E 10 3.2b 178518177
 IDC VI 28 07 50 03.0-7.3 36.19N 70.83E 164-66 3.8,3.4
 ISCJB VI 28 07 50 06.7-61 36.59N-04 70.70E-09 187-9 3.5b,3.4
 NNC VI 28 07 50 15.0-1.3 37.16N 71.06E 214-16 3.6,2.4b
 ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=17.4km s-min=17.2km az=168.0.
 IDC Error ellipse: s-maj=37.6km s-min=23.2km az=27.0.
 ISCJB Event type se. Error ellipse: s-maj=11.7km s-min=6.0km az=149.4.
 NNC Error ellipse: s-maj=13.4km s-min=8.4km az=14.0.
 ISC IV 01 00 08 13.0-2.2 36.45N-02 70.52E-04 223 4.1b 180 3-149
 MOS IV 01 00 08 04.4-1.0 36.14N 70.31E 161 4.3b 110697422
 BJI IV 01 00 08 11.7 36.55N 70.36E 217 4.8b,4.6b
 ISCJB IV 01 00 08 11.6-22 36.43N-02 70.48E-04 221 4.1b,4.6b
 IDC IV 01 00 08 12.9-63 36.39N 70.35E 219-5 4.3,3.9
 NEIC IV 01 00 08 13.1-30 36.43N 70.43E 219 4.4b,3.9
 NNC IV 01 00 08 15.1-2.1 36.79N 70.21E 200-15 5.1,3.6b
 ISC Event type se.
 MOS Error ellipse: s-maj=12.0km s-min=5.4km az=86.5.
 ISCJB Event type se. Error ellipse: s-maj=4.6km s-min=2.7km az=135.7.
 IDC Error ellipse: s-maj=12.0km s-min=10.4km az=15.0.
 NEIC Event type se. Error ellipse: s-maj=8.6km s-min=4.8km az=223.0.
 NNC Error ellipse: s-maj=23.3km s-min=12.3km az=25.0.
 ISC IV 25 19 23 31.6-3.2 36.4N-20 71.0E-30 108-57 11 7-16
 ISCJB IV 25 19 23 34.1-3.5 36.6N-20 71.1E-40 194-53 118547225
 NNC IV 25 19 23 42.7-13 37.09N 70.66E 218-123 3.2,2.2b
 ISCJB Error ellipse: s-maj=57.1km s-min=9.9km az=108.0.
 NNC Error ellipse: s-maj=163.3km s-min=71.3km az=43.0.
 ISC IV 28 01 41 24.8-1.5 36.31N-09 70.5E-20 150 17 6-16
 ISCJB IV 28 01 41 22.9-1.2 36.29N-08 70.4E-20 150 178480489
 NNC IV 28 01 41 33.5-4.7 36.93N 70.08E 142-123 3.6,3.0b
 ISCJB Error ellipse: s-maj=21.1km s-min=6.3km az=121.3.
 NNC Error ellipse: s-maj=88.8km s-min=31.9km az=69.0.

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ISC VI 23 01 05 44.0-2.6 38.9N-20 73.4E-20 147-42 12 3-14
 ISCJB VI 23 01 05 43.4-2.6 38.9N-20 73.4E-20 147-46 178173919
 NNC VI 23 01 05 45.5-1.3 38.99N 73.43E 155-15 2.8,2.1b
 ISCJB Error ellipse: s-maj=34.9km s-min=19.1km az=38.6.
 NNC Error ellipse: s-maj=14.7km s-min=7.4km az=4.0.
 ISC III 03 22 48 51.8-5.3 38.15N-04 74.0E-10 157-8 3.8b 44 4-79
 NEIC III 03 22 48 43.0-1.8 37.57N 74.04E 100 4.5b 110596830
 MOS III 03 22 48 44.3-1.6 37.63N 74.06E 120 4.6b
 IDC III 03 22 48 46.4-6.7 37.98N 73.94E 107-56 3.5,3.4
 ISCJB III 03 22 48 50.8-5.4 38.14N-04 74.0E-10 162-8 3.8b,3.4
 NNC III 03 22 49 02.9-8.8 39.02N 73.74E 213-77 3.6,2.3b
 ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=33.2km s-min=17.3km az=154.0.
 MOS Error ellipse: s-maj=24.8km s-min=10.2km az=86.7.
 IDC Error ellipse: s-maj=58.0km s-min=29.9km az=161.0.
 ISCJB Event type se. Error ellipse: s-maj=15.1km s-min=6.5km az=162.5.
 NNC Error ellipse: s-maj=89.0km s-min=52.0km az=178.0.
 ISC III 05 21 34 02.4-7.3 39.41N-05 73.19E-08 50-8 3.6b 53 3-82
 IDC III 05 21 33 55.3-1.1 39.20N 73.20E 0 3.7,3.6 110598072
 BJI III 05 21 33 58.6 39.55N 73.31E 33 4.1b,3.9L
 NNC III 05 21 33 58.5-4.0 39.22N 72.23E 0 4.4,4.2b
 MOS III 05 21 33 59.4-1.8 39.47N 73.15E 33 3.9b,4.2b
 ISCJB III 05 21 34 00.3-8.6 39.34N-05 73.22E-08 48-9 3.6b,4.2b
 NEIC III 05 21 34 01.3-7.4 39.51N 73.27E 35 3.5b,4.2b
 ISC Event type se.
 IDC Error ellipse: s-maj=21.4km s-min=16.6km az=168.0.
 NNC Error ellipse: s-maj=33.2km s-min=17.2km az=4.0.
 MOS Error ellipse: s-maj=14.9km s-min=7.3km az=92.6.
 ISCJB Event type se. Error ellipse: s-maj=11.2km s-min=7.5km az=125.0.
 NEIC Event type se. Error ellipse: s-maj=13.0km s-min=11.6km az=203.0.
 ISC IV 15 17 54 56.3-3.5 38.7N-30 73.6E-20 35 14 3-15
 ISCJB IV 15 17 54 56.0-3.3 38.8N-20 73.6E-10 33 178337031
 NNC IV 15 17 55 05.2-3.8 39.73N 73.96E 27-19 3.5b,3.1
 ISCJB Error ellipse: s-maj=33.8km s-min=14.3km az=28.5.
 NNC Error ellipse: s-maj=39.3km s-min=25.9km az=64.0.
 ISC III 23 01 29 14.3-1.4 38.5N-10 74.6E-20 35 3.6b 14 6-79
 IDC III 23 01 28 59.3-4.2 36.61N 73.42E 0 3.8,3.7b 110608811
 ISCJB III 23 01 29 13.2-1.4 38.5N-10 74.5E-20 33 3.6b,3.7b
 NEIC III 23 01 29 16.8-10 38.58N 74.45E 50-62 3.5b,3.7b
 NNC III 23 01 29 33.4-7.5 39.19N 72.58E 0 3.3b,2.8
 ISC Event type se.
 IDC Error ellipse: s-maj=93.1km s-min=66.1km az=43.0.
 ISCJB Event type se. Error ellipse: s-maj=27.5km s-min=16.1km az=135.6.
 NEIC Event type se. Error ellipse: s-maj=89.4km s-min=27.5km az=144.0.
 NNC Error ellipse: s-maj=143.5km s-min=68.5km az=59.0.
 ISC III 21 06 07 50.0-2.6 39.2N-20 73.9E-10 10 11 3-14
 ISCJB III 21 06 07 50.9-2.8 39.4N-20 73.9E-10 10 110607670
 NNC III 21 06 07 52.2-4.5 39.51N 73.63E 8-12 3.3b,2.8
 ISCJB Error ellipse: s-maj=25.0km s-min=14.8km az=1.5.
 NNC Error ellipse: s-maj=36.0km s-min=20.2km az=2.0.
 ISC II 01 23 21 27.2-1.4 38.8N-10 73.13E-08 35 3.3b 35 3-67
 NNC II 01 23 21 23.9-8.1 38.80N 72.97E 0 3.7b,3.7 178318938
 IDC II 01 23 21 24.8-1.8 38.99N 73.20E 0 3.5,3.4
 ISCJB II 01 23 21 26.8-1.2 38.89N-09 73.07E-08 33 3.3b,3.4
 MOS II 01 23 21 28.6-1.6 39.16N 73.13E 33 3.8b,3.4
 NEIC II 01 23 21 31.6-1.8 39.27N 73.10E 35 3.8b,3.4
 ISC Event type se.
 NNC Error ellipse: s-maj=66.5km s-min=43.2km az=2.0.
 IDC Error ellipse: s-maj=31.9km s-min=19.1km az=158.0.
 ISCJB Event type se. Error ellipse: s-maj=13.3km s-min=8.8km az=150.1.
 MOS Error ellipse: s-maj=24.1km s-min=9.2km az=90.1.
 NEIC Event type se. Error ellipse: s-maj=23.8km s-min=13.7km az=178.0.
 ISC II 03 20 26 57.8-2.5 38.4N-20 73.9E-20 35 14 4-5
 ISCJB II 03 20 26 57.1-2.5 38.5N-20 73.8E-10 33 178113460
 NNC II 03 20 26 57.7-3.6 38.77N 73.50E 0 3.7b,3.3
 ISCJB Error ellipse: s-maj=23.3km s-min=15.9km az=29.7.
 NNC Error ellipse: s-maj=37.9km s-min=22.7km az=163.0.
 ISC II 09 05 03 40.8-2.0 38.08N-02 74.25E-05 181 4.1b 162 2-94
 MOS II 09 05 03 38.9-1.0 38.07N 74.18E 165 4.3b 178188877
 ISCJB II 09 05 03 39.6-2.0 38.07N-02 74.28E-04 179 4.1b
 BJI II 09 05 03 40.7 38.28N 74.23E 170 4.6b
 NEIC II 09 05 03 41.2-3.7 38.05N 74.28E 180 4.6b
 IDC II 09 05 03 41.8-5.6 37.98N 74.20E 182-4 4.3,4.0
 NNC II 09 05 03 42.2-13 38.34N 73.67E 169-116 4.8,3.6b
 NAO II 09 05 04 09.2 39.99N 73.43E 33 4.0b,3.6b
 ISC Event type se.
 MOS Error ellipse: s-maj=11.3km s-min=5.5km az=103.7.
 ISCJB Event type se. Error ellipse: s-maj=4.8km s-min=2.5km az=157.8.
 NEIC Event type se. Error ellipse: s-maj=12.2km s-min=5.3km az=54.0.
 IDC Error ellipse: s-maj=14.7km s-min=9.5km az=28.0.
 NNC Error ellipse: s-maj=117.2km s-min=62.4km az=3.0.
 ISC II 15 10 15 37.9-2.6 38.2N-20 74.7E-20 10 11 4-15
 ISCJB II 15 10 15 37.5-2.5 38.3N-20 74.7E-20 10 118113693
 NNC II 15 10 15 46.7-6.8 38.85N 74.23E 0 3.6b,3.2
 ISCJB Error ellipse: s-maj=23.1km s-min=17.6km az=166.3.

NNC Error ellipse: s-maj=67.9km s-min=58.8km az=42.0.
 ISC V 18 11 35 01.4-2.4 38.4N-20 74.0E-10 35 12 4-15
 ISCJB V 18 11 35 01.2-2.4 38.5N-20 73.9E-10 33 178463354
 NNC V 18 11 35 03.8-8.3 38.58N 74.21E 92-95 3.1,2.9b
 ISCJB Error ellipse: s-maj=21.9km s-min=15.6km az=166.4.
 NNC Error ellipse: s-maj=92.5km s-min=56.2km az=178.0.
 NNC V 28 03 51 22.7-11 38.40N 73.68E 116-255 2.8,2.2b 178618555
 NNC Error ellipse: s-maj=105.0km s-min=59.8km az=175.0.
 ISC V 29 16 53 28.6-4.0 38.24N-03 73.20E-08 134-7 3.9b 58 4-81
 MOS V 29 16 53 18.4-1.8 37.94N 72.62E 33 4.1b 178495180
 NEIC V 29 16 53 24.4-1.6 38.09N 72.94E 80-17 3.8b
 ISCJB V 29 16 53 27.5-4.3 38.24N-03 73.18E-08 135-8 3.9b
 IDC V 29 16 53 27.7-21 38.30N 72.92E 89-98 4.3,4.0
 NNC V 29 16 53 33.6-5.8 38.76N 73.07E 146-51 4.2,3.3b
 ISC Event type se.
 MOS Error ellipse: s-maj=20.8km s-min=8.6km az=95.3.
 NEIC Event type se. Error ellipse: s-maj=23.6km s-min=6.3km az=63.0.
 ISCJB Event type se. Error ellipse: s-maj=10.1km s-min=4.5km az=166.6.
 IDC Error ellipse: s-maj=26.1km s-min=58.8km az=176.0.
 NNC Error ellipse: s-maj=64.1km s-min=51.2km az=69.0.
 ISC V 08 05 40 45.8-1.0 38.5N-10 74.9E-20 225-26 12 4-15
 ISCJB V 08 05 40 44.9-1.2 38.4N-10 75.0E-20 185-32 178480693
 NNC V 08 05 40 53.0-4.7 38.80N 74.80E 191-64 2.7,1.8b
 ISCJB Error ellipse: s-maj=34.9km s-min=8.0km az=104.5.
 NNC Error ellipse: s-maj=52.7km s-min=27.6km az=7.0.
 NNC I 12 10 04 36.5-17 38.60N 74.04E 0 3.6b,3.3 178227128
 NNC Error ellipse: s-maj=137.9km s-min=83.0km az=160.0.
 ISC I 04 10 45 16.2-3.5 38.36N-02 73.50E-05 99-4 4.3b 163 2-81
 ISCJB I 04 10 45 14.9-4.0 38.37N-02 73.53E-05 102-5 4.3b 178029742
 IDC I 04 10 45 16.2-4.1 38.37N 73.47E 95-36 4.4,4.2
 BJI I 04 10 45 16.7 38.77N 73.44E 91 5.5b,4.6b
 NEIC I 04 10 45 16.6-1.1 38.44N 73.47E 96-9 4.4b,4.6b
 MOS I 04 10 45 16.3-1.3 38.53N 73.42E 101 4.6b,4.6b
 NNC I 04 10 45 24.3-7.3 39.06N 73.28E 184-66 4.6,3.9b
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=6.5km s-min=3.4km az=163.2.
 IDC Error ellipse: s-maj=25.8km s-min=13.3km az=3.0.
 NEIC Event type se. Error ellipse: s-maj=10.5km s-min=4.7km az=199.0.
 MOS Error ellipse: s-maj=9.2km s-min=4.9km az=106.8.
 NNC Error ellipse: s-maj=72.4km s-min=33.0km az=5.0.
 ISC I 14 21 56 01.1-3.5 38.30N-03 73.24E-07 104-6 3.7b 77 2-81
 IDC I 14 21 55 59.8-5.7 38.27N 73.39E 91-50 4.0,3.7 178078647
 ISCJB I 14 21 55 59.8-4.1 38.28N-03 73.25E-07 107-7 3.7b,3.7
 BJI I 14 21 56 00.1 38.20N 73.33E 107 3.3b,3.7
 MOS I 14 21 56 02.0-1.1 38.55N 73.33E 116 3.8b,3.7
 NEIC I 14 21 56 02.4-7.8 38.54N 73.31E 100 3.8b,3.7
 NNC I 14 21 56 05.9-4.4 39.13N 72.95E 0 4.2b,3.7
 ISC Event type se.
 IDC Error ellipse: s-maj=28.4km s-min=17.7km az=173.0.
 ISCJB Event type se. Error ellipse: s-maj=9.2km s-min=4.5km az=179.3.
 MOS Error ellipse: s-maj=17.2km s-min=7.8km az=105.7.
 NEIC Event type se. Error ellipse: s-maj=13.6km s-min=9.9km az=198.0.
 NNC Error ellipse: s-maj=45.5km s-min=26.8km az=33.0.
 ISC I 31 23 21 36.3-2.0 38.6N-20 73.6E-10 151-15 3.5b 30 4-74
 IDC I 31 23 21 25.0-6.8 38.04N 73.87E 70-64 3.7,3.5L 178318890
 NEIC I 31 23 21 30.0-3.6 38.25N 74.00E 114-29 3.7,3.5L
 ISCJB I 31 23 21 35.0-2.0 38.5N-10 73.6E-10 152-15 3.5b,3.5L
 NNC I 31 23 21 41.8-5.1 39.05N 73.39E 206-48 3.3,2.3b
 ISC Event type se.
 IDC Error ellipse: s-maj=62.7km s-min=48.4km az=116.0.
 NEIC Event type se. Error ellipse: s-maj=36.7km s-min=19.7km az=209.0.
 ISCJB Event type se. Error ellipse: s-maj=24.5km s-min=16.1km az=14.5.
 NNC Error ellipse: s-maj=68.7km s-min=45.9km az=35.0.
 ISC I 07 23 14 57.9-3.5 39.37N-02 73.68E-03 41-3 4.6b,4.3s 353 2-188
 SZGRF I 07 23 14 49.4 37.91N 74.18E 33 4.3b,4.3s 178029485
 LDG I 07 23 14 50.1-1.7 39.19N 73.74E 10-0 4.8b,3.9s
 NEIC I 07 23 14 53.1-2.4 39.51N 73.67E 3-15 4.7b,4.5s
 BJI I 07 23 14 54.1 39.67N 73.46E 29 5.3L,5.0b
 MOS I 07 23 14 55.9-1.2 39.58N 73.70E 33 4.9b,4.2b
 NNC I 07 23 14 57.0-2.3 39.80N 73.39E 0 4.9b,4.8
 ISCJB I 07 23 14 57.2-3.9 39.45N-02 73.66E-03 47-4 4.6b,4.3s
 IDC I 07 23 14 57.8-2.5 39.47N 73.67E 38-20 4.6,4.5
 ISC Event type ke.
 SZGRF Tajikistan-Xinjiang border region.
 LDG Event type ke. Error ellipse: s-maj=8.6km s-min=5.3km az=5.0.
 NEIC Event type se. Error ellipse: s-maj=6.8km s-min=4.4km az=192.0.
 MOS Error ellipse: s-maj=6.5km s-min=3.8km az=120.8.
 NNC Error ellipse: s-maj=17.4km s-min=11.6km az=153.0.
 ISCJB Event type ke. Error ellipse: s-maj=3.7km s-min=3.3km az=111.2.
 IDC Error ellipse: s-maj=16.9km s-min=10.4km az=2.0.
 ISC I 20 19 36 48.2-1.7 38.12N-02 73.47E-03 138 4.5b 303 2-152
 SZGRF I 20 19 36 29.3 37.25N 74.70E 33 4.9b 178095573
 ISCJB I 20 19 36 46.9-1.7 38.14N-02 73.40E-03 136 4.4b
 MOS I 20 19 36 47.9-8.8 38.37N 73.21E 129 4.5b
 NEIC I 20 19 36 48.0-2.0 38.13N 73.40E 132 4.6b
 IDC I 20 19 36 49.2-6.8 38.19N 73.24E 133-5 4.5,4.2
 BJI I 20 19 36 49.6 38.57N 73.26E 131 4.9b,4.6b
 NNC I 20 19 36 54.6-3.1 38.83N 73.09E 175-25 5.5,4.1b
 ISC Event type se.
 SZGRF Tajikistan-Xinjiang border region.
 ISCJB Event type se. Error ellipse: s-maj=3.5km s-min=2.9km az=151.2.
 MOS Error ellipse: s-maj=7.1km s-min=3.9km az=119.1.
 NEIC Event type se. Error ellipse: s-maj=6.0km s-min=3.8km az=209.0.
 IDC Error ellipse: s-maj=17.1km s-min=10.9km az=5.0.
 NNC Error ellipse: s-maj=34.9km s-min=13.2km az=18.0.
 ISC I 02 04 18 53.3-2.8 39.64N-06 73.88E-09 32-22 4.5b 36 2-90
 NNC I 02 04 18 50.1-1.1 39.51N 73.45E 22-69 4.3b,3.9 178078295
 MOS I 02 04 18 51.5-6.6 39.66N 73.82E 33 4.9b,3.9
 ISCJB I 02 04 18 52.0-1.5 39.65N-09 73.88E-09 36-16 4.5b,3.9
 NEIC I 02 04 18 53.4-1.4 39.73N 73.94E 35 4.4b,3.9
 ISC Event type se.
 NNC Error ellipse: s-maj=70.1km s-min=59.3km az=137.0.
 MOS Error ellipse: s-maj=58.7km s-min=28.8km az=112.0.
 ISCJB Event type se. Error ellipse: s-maj=14.9km s-min=12.2km az=12.1.
 NEIC Event type se. Error ellipse: s-maj=29.4km s-min=13.6km az=65.0.
 ISC I 03 17 58 35.4-1.2 38.0N-20 73.0E-40 35 10 5-16
 IDC I 03 17 58 33.7-1.1 38.1N-20 73.2E-40 33 178184853
 NNC I 03 17 58 47.9-2.2 38.49N 71.15E 0 3.6b,3.6
 ISCJB Error ellipse: s-maj=54.2km s-min=6.8km az=108.9.
 NNC Error ellipse: s-maj=23.8km s-min=20.0km az=17.0.
 ISC V 17 17 51 28.2-3.5 38.29N-02 73.46E-06 117-5 4.0b 117 2-81
 BJI V 17 17 51 24.8 38.41N 73.10E 100 4.9b,4.3b 178098498
 NEIC V 17 17 51 24.4-1.2 38.16N 73.26E 73-14 4.1b,4.3b
 ISCJB V 17 17 51 27.0-4.0 38.28N-02 73.41E-06 119-6 4.0b,4.3b
 MOS V 17 17 51 28.3-1.0 38.46N 73.29E 115 3.9b,4.3b
 IDC V 17 17 51 29.9-3.8 38.37N 73.38E 117-35 4.1,3.8
 NNC V 17 17 51 33.8-3.9 38.77N 73.24E 146-37 4.0,3.5b
 ISC Event type se.
 NEIC Event type se. Error ellipse: s-maj=16.4km s-min=6.6km az=58.0.
 ISCJB Event type se. Error ellipse: s-maj=7.4km s-min=3.4km az=156.6.
 MOS Error ellipse: s-maj=14.0km s-min=6.7km az=99.6.
 IDC Error ellipse: s-maj=21.9km s-min=16.6km az=165.0.
 NNC Error ellipse: s-maj=36.7km s-min=16.8km az=0.0.
 ISC VI 19 18 16 49.7-3.1 38.08N-02 74.16E-06 175-5 3.3b 82 2-83
 MOS VI 19 18 16 48.4-1.3 38.07N 74.06E 171 3.8b 178495629
 ISCJB VI 19 18 16 48.8-3.1 38.08N-02 74.13E-06 180-5 3.3b
 NEIC VI 19 18 16 50.5-4.5 38.06N 74.32E 181 3.7b
 BJI VI 19 18 16 51.2 38.24N 74.23E 183 4.3b
 IDC VI 19 18 16 51.2-1.2 38.09N 74.23E 182-10 3.7,3.3

NNC VI 19 18 16 55.8-3.3 38.58N 73.84E 167-27 3.5,2,9b
 ISC Event type se.
 MOS Error ellipse: s-maj=17.6km s-min=7.1km az=101.4.
 ISCJB Event type se. Error ellipse: s-maj=7.5km s-min=3.7km az=158.1.
 NEIC Event type se. Error ellipse: s-maj=12.5km s-min=5.9km az=62.0.
 IDC Error ellipse: s-maj=20.7km s-min=17.7km az=39.0.
 NNC Error ellipse: s-maj=37.3km s-min=15.9km az=12.0.
ISC VI 02 16 27 34.4-42 38.28N-03 74.21E-08 151-7 3.6b 54 4-68
 MOS VI 02 16 27 30.2-1.4 38.21N 73.89E 108 3.5b **¶18495260**
 NEIC VI 02 16 27 30.3-1.2 38.14N 73.86E 97-15 3.8b
 IDC VI 02 16 27 30.6-6.5 38.17N 73.81E 89-55 3.9,3.7L
 ISCJB VI 02 16 27 33.4-43 38.29N-03 74.18E-08 156-8 3.6b,3.7L
 NNC VI 02 16 27 38.2-3.5 38.54N 73.63E 90-45 3.3b,3.2
 ISC Event type se.
 MOS Error ellipse: s-maj=20.3km s-min=8.6km az=95.2.
 NEIC Event type se. Error ellipse: s-maj=17.4km s-min=5.5km az=63.0.
 IDC Error ellipse: s-maj=49.9km s-min=27.6km az=0.0.
 ISCJB Event type se. Error ellipse: s-maj=9.8km s-min=5.0km az=164.1.
 NNC Error ellipse: s-maj=28.5km s-min=17.3km az=177.0.

(720) Northwestern Kashmir.

ISC IV 22 20 06 37.0-66 35.98N-09 73.3E-20 10 3.5b 37 4-82
 IDC IV 22 20 06 29.2-3.4 34.95N 73.92E 0 3.8,3.7b **¶18480379**
 ISCJB IV 22 20 06 35.0-68 35.91N-09 73.3E-20 10 3.5b,3.7b
 MOS IV 22 20 06 40.3-2.1 35.81N 72.70E 58 4.0b,3.7b
 NEIC IV 22 20 06 43.9-2.3 36.12N 73.05E 60 3.2b,3.7b
 NNC IV 22 20 06 45.0-12 36.49N 71.95E 0 3.5b,3.2
 ISC Event type se.
 IDC Error ellipse: s-maj=66.3km s-min=33.6km az=3.0.
 ISCJB Event type se. Error ellipse: s-maj=23.1km s-min=4.6km az=111.5.
 MOS Error ellipse: s-maj=26.1km s-min=10.6km az=96.1.
 NEIC Event type se. Error ellipse: s-maj=41.2km s-min=25.4km az=206.0.
 NNC Error ellipse: s-maj=179.4km s-min=94.7km az=82.0.
ISC III 21 19 17 05.2-1.0 36.05N-06 74.4E-10 43-12 3.4b,3.1s 35 4-82
 ISCJB III 21 19 17 02.4-1.4 36.06N-07 74.5E-10 33-16 3.4b,3.1s **¶110607999**
 NEIC III 21 19 17 05.6-1.2 35.99N 74.41E 47-14 3.6b,3.1s
 NNC III 21 19 17 11.2-4.2 36.45N 73.98E 112-79 3.6,3.0b
 IDC III 21 19 17 12.8-17 36.49N 74.47E 84-107 3.7,3.5
 ISC Event type se.
 ISCJB Event type se. Error ellipse: s-maj=19.3km s-min=5.3km az=115.1.
 NEIC Event type se. Error ellipse: s-maj=20.8km s-min=7.2km az=63.0.
 NNC Error ellipse: s-maj=34.1km s-min=29.7km az=31.0.
 IDC Error ellipse: s-maj=165.3km s-min=30.3km az=10.0.
ISC II 03 09 14 11.3-3.0 36.0N-30 73.9E-20 35 3.4b,3.3s 7 8-82
 IDC II 03 09 14 03.9-4.3 35.70N 74.17E 0 3.6,3.5b **¶18319002**
 ISCJB II 03 09 14 14.0-2.1 36.5N-20 73.9E-20 33 3.4b,3.3s
ISC II 05 09 58 35.5-79 35.10N-09 74.6E-20 10 22 3-18
 ISCJB II 05 09 58 33.5-72 35.22N-09 74.8E-20 10 **¶18319124**
 NNC II 05 09 58 42.5-10 35.14N 72.90E 0 3.2,3.2b
 ISCJB Error ellipse: s-maj=22.9km s-min=5.2km az=117.5.
 NNC Error ellipse: s-maj=27.1km s-min=7.6km az=86.0.
NNC IV 10 05 53 54.6-85 35.06N 73.78E 0 3.6b,3.5 ¶18504259
 NNC Error ellipse: s-maj=10.3km s-min=7.3km az=89.0.
NNC I 14 15 09 07.9-34 36.00N 74.45E 0 3.5b,3.2 ¶18318219

NNC Error ellipse: s-maj=1922.9km s-min=326.8km az=68.0.
ISC I 24 09 56 44.7-2.5 35.07N-05 74.2E-10 30-21 3.5b 30 3-83
 IDC I 24 09 56 39.3-1.3 34.95N 74.48E 0 3.9,3.7b **¶19485453**
 ISCJB I 24 09 56 42.1-2.4 35.00N-05 74.2E-10 25-20 3.5b,3.7b
 NEIC I 24 09 56 46.4-6.7 35.07N 74.50E 49-55 3.5b,3.7b
 ISC Event type se.
 IDC Error ellipse: s-maj=31.8km s-min=27.6km az=46.0.
 ISCJB Event type se. Error ellipse: s-maj=19.6km s-min=5.5km az=136.6.
 NEIC Event type se. Error ellipse: s-maj=44.2km s-min=21.9km az=204.0.
ISC I 07 23 50 00.9-1.5 35.1N-20 73.8E-40 10 8 3-8
 NDI I 07 23 49 50.0-1.7 31.22N 71.61E 10-0 3.6,3.5L **¶19478770**
 ISCJB I 07 23 49 59.9-1.1 35.3N-10 74.2E-30 10 3.6,3.5L
 NNC I 07 23 50 03.8-18 35.14N 73.06E 0 4.0b,3.7
 NDI Error ellipse: s-maj=32.2km s-min=24.2km az=-1.0.
 ISCJB Error ellipse: s-maj=42.9km s-min=5.8km az=129.0.
 NNC Error ellipse: s-maj=1231.5km s-min=179.1km az=76.0.
ISC I 11 11 46 10.1-96 35.1N-20 74.2E-40 35 9 3-8
 ISCJB I 11 11 46 07.3-96 35.1N-10 74.1E-40 33 **¶18227082**
 NNC I 11 11 46 09.2-22 34.95N 72.27E 0 4.1b,3.8
 NDI I 11 11 46 33.6-5.1 33.79N 75.71E 119-48 2.8L,3.8
 ISCJB Error ellipse: s-maj=51.6km s-min=6.9km az=134.9.
 NNC Error ellipse: s-maj=1177.5km s-min=206.6km az=80.0.
 NDI Error ellipse: s-maj=38.0km s-min=49.4km az=-1.0.
ISC V 26 23 43 52.1-89 35.2N-10 74.3E-20 10 15 4-19
 ISCJB V 26 23 43 50.2-80 35.3N-10 74.6E-20 10 **¶18618552**
 NNC V 26 23 44 00.3-2.9 36.27N 75.33E 0 3.4,3.0b
 ISCJB Error ellipse: s-maj=29.2km s-min=5.6km az=115.1.
 NNC Error ellipse: s-maj=200.3km s-min=27.1km az=62.0.

SEISMIC REGION 49. Northern Eurasia.

(721) Finland.

ISC II 09 07 27 48.0-32 65.74N-02 27.28E-07 10 49 1-8
 ISCJB II 09 07 27 47.4-33 65.74N-02 27.26E-08 10 **¶18083768**
 NAO II 09 07 27 47.8-1.2 65.79N 26.76E 2.3L
 BER II 09 07 27 48.8-6.9 65.80N 26.87E 0-38 2.3L
 HEL II 09 07 27 48.3-20 65.75N 27.24E 4-2 2.3L,2.1L
 ISCJB Error ellipse: s-maj=4.6km s-min=2.2km az=13.0.
 NAO Error ellipse: s-maj=0.1km s-min=0.2km az=-1.0.
 BER Error ellipse: s-maj=13.3km s-min=75.0km az=-1.0.
 HEL Error ellipse: s-maj=0.6km s-min=1.2km az=-1.0.

(724) Baltic States - Belarus - Northwestern Russia.

IDC VI 30 08 00 05.3-3.1 52.34N 35.00E 0 3.8,3.7 ¶19600599
 IDC Error ellipse: s-maj=35.8km s-min=11.7km az=117.0.
IDC VI 16 08 00 05.0-3.3 52.49N 35.12E 0 3.5,3.4 ¶19600079
 IDC Error ellipse: s-maj=37.0km s-min=12.1km az=109.0.
IDC III 17 08 59 58.3-1.9 52.32N 35.54E 0 3.7,3.5L ¶110605248
 IDC Error ellipse: s-maj=23.4km s-min=11.7km az=117.0.
IDC III 31 08 01 41.5-2.1 52.43N 35.58E 0 3.6,3.4L ¶110614272
 IDC Error ellipse: s-maj=26.1km s-min=11.4km az=120.0.
IDC II 15 09 00 09.2-2.0 52.13N 35.66E 0 3.6,3.5L ¶19570923
 IDC Error ellipse: s-maj=25.3km s-min=11.8km az=124.0.
IDC IV 14 08 00 08.8-1.3 52.28N 35.49E 0 3.7,3.6 ¶19594888
 IDC Error ellipse: s-maj=15.8km s-min=12.6km az=138.0.
ISC II 28 09 00 03.6-2.9 52.6N-20 35.2E-40 10 3.6b 9 4-63
 IDC II 28 08 59 59.9-2.9 52.29N 35.82E 0 3.8,3.6L **¶19580066**
 ISCJB II 28 09 00 04.6-2.7 52.8N-20 34.7E-40 10 3.6b,3.6L
IDC V 15 09 57 52.2-1.2 59.37N 26.90E 0 3.4,3.3 ¶19598904
 IDC Error ellipse: s-maj=33.9km s-min=9.2km az=80.0.
IDC V 17 07 59 52.5-3.2 52.23N 35.96E 0 3.9,3.7L ¶19599085
 IDC Error ellipse: s-maj=53.0km s-min=15.9km az=137.0.
IDC V 31 08 00 19.7-3.0 52.41N 34.96E 0 3.6,3.6 ¶19599622
 IDC Error ellipse: s-maj=35.6km s-min=11.8km az=116.0.
IDC I 13 09 00 00.4-2.8 52.27N 35.58E 0 3.9,3.8

IDC Error ellipse: s-maj=42.1km s-min=12.2km az=132.0. **¶19480977**
ISC IV 28 08 00 01.6-1.5 52.50N-07 35.5E-20 10 3.6b 13 4-63
 IDC IV 28 07 59 59.4-1.8 52.13N 35.96E 0 3.7,3.6L **¶19598135**
 ISCJB IV 28 08 00 00.4-1.5 52.56N-07 35.3E-20 10 3.6b,3.6L
(726) Northern and central Siberia.
IDC III 23 05 49 33.8-2.4 65.82N 111.41E 0 3.5,3.3 ¶110608907
 IDC Error ellipse: s-maj=213.8km s-min=25.6km az=135.0.
SEISMIC REGION 50. Antarctica.
(729) Antarctica.
IDC VI 02 16 35 07.0-6.4 82.52S 160.76E 0 4.0,3.8b ¶19599716
 IDC Error ellipse: s-maj=201.5km s-min=34.4km az=103.0.

SEISMOLOGICAL OBSERVATORIES

IN ALPHABETICAL ORDER OF STATION NAME WITH BASIC PARAMETERS

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
100 Mile House	HM-BC	British Columbia,Canada	51.6550N	121.4756W	1128	From 1962-07-26 to 1962-10-05
29 Palms	TN-	California,U.S.A.	34.1983N	115.9500W	533	From 1962-02-01 to 1962-05-03
413	BUK	Nevada,U.S.A.	37.0505N	116.1890W	1490	From 1965-01-01 to 1970-12-31
416	LWN	Nevada,U.S.A.	36.6183N	116.3930W	808	From 1970-01-01 to 1999-08-25
4UR Ranch, Creede	S22A	Colorado,U.S.A.	37.7461N	106.8293W	2626	From 2008-06-15
5 Glenshane	B5GA	Barbados	13.0670N	59.5955W	35	
A@14li-Bayraml@59	ALIB	Azerbaijan	39.9580N	49.0060E	73	From 2003-08-01
A@15sbjarnarstat ir	IASB	Iceland	64.7480N	21.3250W	94	
Aachen	AAC	Nordrhein-Westfalen,Germany	50.7833N	6.0833E	179	
Aachen	BA01	Nordrhein-Westfalen	50.7789N	6.0614E	216	From 2006-10-01
Asasiaat, Greenland	ASIG	Greenland	68.7060N	52.8710W	60	From 2004-05-11
Abakan	ABNR	Krasnoyarskiy Kray	53.7250N	91.4350E	125	From 2003-10-29
Abant	ABT	Turkey	40.6058N	31.3208E	1794	From 1991-01-01 to 1993-10-01
Abaselama	ABSE	Eritrea	14.8847N	39.3272E	2392	
Abashiri	ABJ	Abashiri,Japan	44.0150N	144.2830E	38	
Abashiri 2	ABJ2	Abashiri,Japan	43.8417N	143.8700E	180	From 1994-02-10 to 2001-08-03
Abashiri--Tokoro	JTKR	Abashiri,Japan	43.9707N	143.9082E	42	
Abastumani	ABS	Georgia	41.7555N	42.8134E	1590	From 1940-01-01
Abborrasen	ABB	Sweden	57.8450N	12.7860E	239	From 1980-01-01 to 1991-12-31
Abdulvahap	ADVT	Turkey	40.4332N	29.7383E	193	From 2006-05-19
Abeche	ABC	Chad	13.8272N	20.8444E	550	From 1965-01-01 to 1968-06-30
Aberdeen	ABE	Scotland,United Kingdom	57.1667N	2.1000W	12	
Aberfeldy	ABEM	Victoria,Australia	37.7194S	146.3890E	548	
Aberfoyle	EAB	Scotland,United Kingdom	56.1881N	4.3400W	250	From 1969-01-01
Aberstueckl	ABSI	Italy	46.7285N	11.3205E	1801	From 2006-12-13
Abfaltersbach	ABTA	Austria	46.7474N	12.5123E	1041	From 2006-12-13
Abha	ABHA	Saudi Arabia	18.2500N	42.7500E	2200	From 1988-11-01
Abington	ABG	Pennsylvania,U.S.A.	40.1167N	75.1333W		
Abisko	ABK	Sweden	68.3417N	18.8167E	385	
Aboua	ABOA	Dronning Maud Land	73.0300S	13.2500E	200	From 2007-01-18
Abou Kooç	KOOC	Syria	33.6592N	36.7633E	1120	From 1994-12-01
Abou Rabah	RABH	Syria	34.4354N	37.2054E	738	From 1994-12-01
Abra de Ilog	ABP	Mindoro,Philippines	13.4440N	120.7270E		From 1976-02-01 to 1977-05-22
Abri du Galion	ABGF	Guadeloupe	16.0323N	61.6603W	1150	
Abries	OG22	Provence-Cote d'Azur,France	44.8227N	6.9452E	1810	
Abriola	ABRE	Italy	40.5008N	15.7601E	1542	
Abolson Red Butte, Lander	K19A	Wyoming,U.S.A.	42.8247N	108.8466W	1878	From 2007-11-08
Abu 'Arish	ABAR	Saudi Arabia	16.9420N	42.9390E	135	From 1996-03-01
Abu Hadid	AAHD	Egypt	23.7474N	32.7511E	231	
Abu Rudays	HRDS	Egypt	28.7120N	33.2975E	252	
Abu Simbel	ABUS	Egypt	22.2500N	31.1372E	230	
Abu Simbel	ASL	Egypt	22.3369N	31.6161E		From 1975-10-01
Abuyama	ABU	Osaka,Japan	34.8603N	135.5740E	200	From 1966-07-08
Academy	AY-	South Dakota,U.S.A.	43.5278N	99.1083W	610	From 1962-07-14 to 1962-10-05
Academy	AY-SD	South Dakota,U.S.A.	43.5278N	99.1083W	610	From 1962-07-14 to 1962-10-05
Acapulco	ACX	Guerrero,Mexico	16.8667N	99.9167W	300	
Acatlan	ACP	Puebla,Mexico	18.2078N	98.0597W	1250	
Acerenza	ACER	Italy	40.7867N	15.9427E	690	From 2007-07-05
Achilles Lake	ACKN	Northwest Territories,Canada	64.9915N	110.8708W	467	
Achnashellach	KAC	Scotland,United Kingdom	57.4999N	5.2982W	330	From 1983-01-01
Achvaich	MVH1	Scotland,United Kingdom	57.9250N	4.1825W	185	From 1984-01-01
Aci Sant Antonio	EACI	Sicily,Italy	37.6140N	15.1290E	290	From 1994-10-01
Acomizza, Italy	ACOM	Italy	46.5480N	13.5130E	1788	
Acorn Hollow, Los Molinos	OO3C	California,U.S.A.	39.9971N	122.0319W	85	From 2005-04-19 to 2007-09-06
Acoyapa	ACY	Nicaragua	11.9977N	85.2252W	400	From 1975-01-01
Acton	ACTO	Ontario,Canada	43.6087N	80.0624W	360	From 1991-07-09
Adagdak	AD8	Alaska,U.S.A.	51.9806N	176.6000W	259	From 1974-01-01 to 1992-02-01
Adak	ADK	Alaska,U.S.A.	51.8837N	176.6840W	116	From 1966-01-01
Adak	ADA	Alaska,U.S.A.	51.8633N	176.6550W		From 1949-07-01 to 1954-04-30
Adak Island	AD-IS	Alaska,U.S.A.	51.8750N	176.6792W	61	
Adak Island	AD-	Alaska,U.S.A.	51.8750N	176.6792W	61	
Adamit	ADI	Israel	33.0789N	35.2250E	470	From 1983-07-01
Adams	ADN	New York,U.S.A.	43.8333N	76.1197W	137	From 1974-11-24 to 1977-07-27
Adamuz	EADA	Spain	38.1673N	4.5771W	565	
Adana	ADT	Turkey	37.0638N	35.3550E	150	From 1979-12-01 to 1999-08-25
Adana	ADAT	Turkey	37.0623N	35.3550E	150	From 1992-01-01
Adel	AOT	Oregon,U.S.A.	42.1665N	119.9033W	1370	
Adeladia	PADM	California,U.S.A.	35.6393N	120.8640W	471	
Adelaida	ADES	El Salvador	13.6583N	89.3583W	1200	From 1991-12-01
Adelaide	ADE	South Australia,Australia	34.9669S	138.7090E	655	From 1958-06-01
Adelanto	ADL	California,U.S.A.	34.5563N	117.4170W	900	From 1975-02-01
Adelanto Rec Sta	ADO	California,U.S.A.	34.5505N	117.4339W	908	
Adell	L07A	Oregon,U.S.A.	42.0187N	119.3398W	1816	From 2006-06-09 to 2008-04-17
Aden	ADEN	Yemen	12.7760N	44.9830E	41	From 1994-11-01
Adirondack	RSNY	New York,U.S.A.	44.5483N	74.5300W	396	
Adirondack Community College	ACCN	New York,U.S.A.	43.3843N	73.6678W	340	
Adis Abeba	AAE	Ethiopia	9.0292N	38.7656E	2442	From 1959-03-01
Adjabya	LJBD	Libya	30.9130N	20.1982E	49	
Adndan	AADN	Egypt	22.1224N	31.5307E	249	
Adobe Creek	GACM	California,U.S.A.	38.8728N	122.8620W	985	
Adobe Valley	AVC	California,U.S.A.	37.9160N	118.7330W	2225	From 1975-07-01 to 1977-09-30
Adra	ADRA	Spain	36.7893N	3.0487W	0	
Adra	EXAD	Spain	36.7500N	3.0010W	24	
Adria, Italy	ADRI	Italy	45.0378N	12.0167E	1	From 2008-01-26
Aeknabara	AEKI	Sumatera,Indonesia	2.1017N	98.4536E	840	From 1991-01-01
Aeronautique	ZAM	Martinique	14.5727N	61.0287W	25	
Aespoe	ASPU	Sweden	57.4185N	16.5992E	20	From 2005-04-14
Afareaitu	AFR	Moorea,French Polynesia	17.5383S	149.7780W	50	
Afiama'u	AFI	Samoa Islands	13.9094S	171.7770W	706	From 1958-04-01
Afif	AFIF	Saudi Arabia	24.1010N	43.1800E	950	From 1990-03-01
Afif	AFFS	Saudi Arabia	23.9267N	43.0005E	1090	
Afjeh	IAFJ	Iran	35.8560N	51.7125E	2740	From 1996-01-01
Aftenstjerne Lake, Greenland	ASSG	Greenland	82.1762N	38.1082W	318	From 2004-07-24
Agadir Fac de Sc.	AFS	Morocco	30.4200N	9.5000W	75	From 2001-06-02
Agadir Oufela	ACOF	Morocco	30.4400N	9.5600W	90	From 2001-06-02
Agalyk	AGL	Uzbekistan	39.5200N	66.8700E	865	
Agartala	AGT	Tripura,India	23.8833N	91.2500E	17	
Agassiz Lake	AGAM	Alaska,U.S.A.	60.1542N	141.0330W	1024	
Agassiz Refuge	AGMN	Minnesota,U.S.A.	48.2978N	95.8619W	351	
Agave Hill	AGAC	California,U.S.A.	33.6384N	116.4011W	809	
Agenahambo	AGE	Papua New Guinea	8.8136S	148.0990E	303	From 1963-08-01 to 1972-12-31
Aggia Anna	VAG	Greece	38.3161N	22.9003E	760	From 1982-10-01
Agillar	DAGI	Turkey	41.0778N	41.9142E	1188	From 2007-09-25
Agin	AGN	Turkey	38.9483N	38.7154E	914	From 1973-09-20
Agios Charalampos	AXAR	Greece	38.7664N	22.6590E	406	From 2008-04-01
Agios Georgios	AGS	Greece	39.0222N	22.3303E	540	From 1989-04-01
Agios Nikonas	DYR	Greece	36.7622N	22.3337E	426	From 2008-07-01
Agordo	AGOR	Italy	46.2329N	12.0472E	631	From 2007-06-08
Agoura	AGOC	California,U.S.A.	34.1465N	118.7670W	259	
Agra	AGR	Uttar Pradesh,India	27.1333N	78.0167E	163	
Agra	AGRA	Uttar Pradesh,India	27.2305N	77.9438E	0	
Agrelo	AAGR	Mendoza,Argentina	33.0852S	68.8284W	1159	
Agri	AGRT	Turkey	39.6088N	42.9870E	1440	From 1997-08-26 to 2006-11-21
Agrihan Island	AGRI	Mariana Islands	18.7331N	145.6530E	25	From 1994-04-23
Agron	ERON	Spain	37.0185N	3.8058W	1304	From 1994-03-01
Agua Clara, Sierra Llorona en Coln	ACLA	Panama	9.3650N	79.7065W	460	From 2004-10-01
Aguadilla	AGP	Puerto Rico	18.4075N	67.1410W	220	
Aguadilla, PR	AGPR	Puerto Rico	18.4675N	67.1122W	117	From 2004-10-01
Agualva	AGA	Azores,Portugal	38.7845N	27.1732W	80	From 1981-05-16 to 2000-05-17
Aguas Calientes	AGX	Aguas Calientes,Mexico	21.8787N	102.3010W		From 1988-01-01
Aguas Calientes	AGUN	Nicaragua	12.6667N	86.8367W	300	
Aguni-jima	JAGN	Ryukyu Islands,Japan	26.5888N	127.2422E	12	
Ahir Dag	KAHT	Turkey	37.6307N	36.8734E	1830	From 2003-11-05
Ahlen	BAHL	Nordrhein-Westfalen,Germany	51.7369N	7.8217E	92	
Ahram - Rada'a city Al-Baydha Gov. - Yemen	RADA	Yemen	14.4390N	44.8530E	2353	From 2001-09-22
Ahua	AHA	Hawaii,U.S.A.	19.3733N	155.2650W	1070	From 1958-01-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Ahuacatlan	ANIG	Nayarit	21.0538N	104.5207W	1009	From 2006-09-30
Ahuachapan	AHU	El Salvador	13.9217N	89.8458W	810	
Aibetsu	AIB	Kamikawa,Japan	43.9067N	142.6461E	260	
Aida	JAD	Okayama,Japan	34.9403N	134.1680E	170	
Aigle	AIGLE	Switzerland	46.3415N	6.9538E	800	From 1998-12-01
Aigurande	NE08	Centre,France	46.4200N	1.7300E	360	From 1982-11-01 to 1984-12-31
Aikawa	AIK	Niigata,Japan	38.0217N	138.2433E	35	
Ailbek	ABKT	Turkmenistan	37.9304N	58.1189E	678	
Ainashou	AIN	Hawaii,U.S.A.	19.3750N	155.4600W	1524	From 1973-04-26
'Ain El Ouahch	CAEH	Algeria	36.7800N	6.8500E	383	
'Ain N'Sour	EANR	Algeria	35.9500N	1.1000E	727	
Ain Smara	CASM	Algeria	36.2600N	6.4900E	680	
Ainzon	NE11	Spain	41.8140N	1.5170W	440	From 1983-01-01 to 2001-07-28
Aioi	JAI	Tokushima,Japan	33.7923N	134.4515E	165	
Airport Hangar	APH	New York,U.S.A.	43.8413N	74.4970W	564	From 1974-07-01 to 1983-10-31
Airport Road	AARM	California,U.S.A.	39.2762N	121.0250W	930	From 1976-07-20
Aitape	AITP	Papua New Guinea	3.1384S	142.3489E	2	
Ait Ouarda	AIT	Morocco	32.1100N	6.5110W		From 1980-06-01
Aizawl	AZL	Mizoram,India	23.7200N	92.7300E	750	
Aizu	AID	Fukushima,Japan	37.5667N	140.1170E	526	
Ajaccio	AJAF	Corse,France	41.9833N	8.7302E	210	From 1991-12-03
Ajiro2	AJI	Shizuoka,Japan	35.0450N	139.0918E	59	
Ajmer	AJMR	Rajasthan,India	26.4791N	74.6432E	540	
Ajmer	AJM	Rajasthan,India	26.4792N	74.6431E	540	
Akaike	JFA	Fukuoka,Japan	33.7120N	130.7952E	130	
Akama	AKM	Fukuoka,Japan	33.8122N	130.5972E	60	
Akamas	AKMC	Cyprus	35.0270N	32.3300E	416	
Akbulak array	ABKAR	Kazakhstan	49.2556N	59.9431E	243	From 2003-10-27
Akbulak array site	AB08	Kazakhstan	49.2387N	59.9280E	243	From 2003-10-27
Akbulak array site	AB31	Kazakhstan	49.2556N	59.9431E	243	From 2003-10-27
Akbulak array site	AB01	Kazakhstan	49.2556N	59.9431E	243	From 2003-10-27
Akbulak array site	AB03	Kazakhstan	49.2511N	59.9431E	243	From 2003-10-27
Akbulak array site	AB05	Kazakhstan	49.2736N	59.9431E	244	From 2003-10-27
Akbulak array site	AB09	Kazakhstan	49.2614N	59.9181E	238	From 2003-10-27
Akbulak array site	AB04	Kazakhstan	49.2578N	59.9371E	249	From 2003-10-27
Akbulak array site	AB06	Kazakhstan	49.2611N	59.9693E	237	From 2003-10-27
Akbulak array site	AB07	Kazakhstan	49.2410N	59.9593E	235	From 2003-10-27
Akbulak array site	AB02	Kazakhstan	49.2591N	59.9466E	241	From 2003-10-27
Akcadag	AKCD	Turkey	38.2956N	37.9224E	1376	From 2007-06-05
Akcakoca	AKC	Turkey	40.0244N	31.1808E	150	From 1979-12-01 to 1999-08-25
Akfadou	AKF	Algeria	36.6333N	4.5667E	1545	
Akhalkalaki	AKH	Georgia	41.4100N	43.4928E	1708	From 1950-01-01
Akhisar	AKS	Turkey	38.8790N	27.8130E	370	
Akhisar	AKHS	Turkey	38.8788N	27.8138E	370	From 2006-07-13
Akhlamad	IAKL	Iran	36.5803N	58.7178E	2423	From 1997-03-01
Akhty	AKT	Dagestan,Russia	41.4800N	47.7300E	1200	
Akirkeby	BSD*	Denmark	55.1139N	14.9147E	88	From 1981-11-03
Akita	AKI	Akita,Japan	39.7183N	140.1017E	10	
Akita	AKI1	Akita,Japan	39.7150N	140.1033E	2	From 1989-11-01
Akita 2	AKIJ	Akita,Japan	39.7350N	140.1417E	65	From 1990-04-25
Akitakoma	KOMT	Akita,Japan	39.7800N	140.7700E	680	
Akkeshi	JAK	Abashiri,Japan	42.9962N	144.6965E	20	
Akkeshi	AKK	Kushiro,Japan	43.0171N	144.8423E	80	From 1976-07-01
Akkus	AKKT	Turkey	40.7844N	37.0136E	1593	From 1992-01-01 to 1994-06-30
Akkuyli	AKUL	Tajikistan	38.4300N	68.5800E		
Akola	AKL	Maharashtra,India	20.7028N	77.0153E	310	
Akosombo	AKGH	Ghana	6.2433N	0.0403E	377	From 1987-01-01
Aktash	AKAR	Altayskiy Kray,Russia	50.3200N	87.6200E	1380	
Aktobe	AKB	Kazakhstan	50.2600N	58.1000E		
Aktoprak	AKTT	Turkey	37.4860N	34.4680E	1550	From 1993-01-01
Aktyubinsk	AKTO	Kazakhstan	50.4348N	58.0164E	314	From 2005-07-20
Aktyubinsk	AKTK	Kazakhstan	50.4348N	58.0164E	379	From 1994-10-01 to 2005-07-20
Akulik	AKVQ	Quebec,Canada	60.8080N	78.1912W	17	From 2006-09-15
Akureyri	AKU	Iceland	65.6867N	18.1067W	24	From 1964-07-31 to 2002-11-30
Akureyri	AKU-	Iceland	65.6717N	18.1000W		
Akutan	AKA	Alaska,U.S.A.	54.1358N	165.7700W	12	
Akutan	AKUT	Alaska,U.S.A.	54.1352N	165.7719W	19	
Akutan 1	AKA1	Alaska,U.S.A.	54.1358N	165.7700W	12	
Akutan 2	AKA2	Alaska,U.S.A.	54.1242N	165.7783W	90	From 1996-08-01 to 2004-01-14
Akutan 4	AKA4	Alaska,U.S.A.	54.1100N	165.7317W	135	From 1996-08-01 to 2004-01-14
Akutan 5	AKA5	Alaska,U.S.A.	54.1552N	165.8650W	225	From 1996-08-01 to 2004-01-14
Akutan Green Grass	AKGG	Alaska,U.S.A.	54.1988N	165.9916W	326	
Akutan Harbor	AHB	Alaska,U.S.A.	54.1153N	165.8157W	447	
Akutan Long Valley	AKLV	Alaska,U.S.A.	54.1627N	165.9556W	551	
Akyazi	AKY	Turkey	40.6630N	30.6594E	110	From 1979-01-01 to 1999-08-25
Ala-Archa	AAK	Kyrgyzstan	42.6333N	74.4944E	1680	From 1990-09-01
Alabaster Cavern State Park	ACO	Oklahoma,U.S.A.	36.6986N	99.1461W	521	From 1977-06-22
Alaid	ALID	Kamchatskaya Oblast',Russia	50.8690N	155.5500E	1400	From 2000-04-01
Alamagan	ALMG	Mariana Islands	17.6010N	145.8380E	490	From 1991-01-01
Alamo	ALA	Nevada,U.S.A.	37.2417N	115.1150W		From 1971-01-01 to 1973-04-30
Alamocita Creek, Datil	X21A	New Mexico,U.S.A.	34.4457N	107.7857W	2141	From 2008-02-09
Aland	AAL	Finland	60.1780N	19.9936E	10	From 2004-04-15
Al Areen	BEE	Bahrain	26.0167N	50.5217E		
Al Aritein	ARTJ	Jordan	32.2467N	36.8283E	1058	From 1987-02-23
Al Arnab	ARNB	Syria	35.8608N	35.9722E	930	From 1995-11-01
Alasht	IALA	Iran	36.0829N	52.8099E	2600	From 2000-08-01
Al Ashush, Dubai	ASUD	United Arab Emirates	24.6260N	55.3292E	132	From 2006-09-19
Alassa	ALAS	Libya	32.8425N	11.6138E	73	
Al 'Ayyat	AYT	Egypt	29.7044N	31.1529E	145	
Al Bad'	BADA	Saudi Arabia	28.5660N	34.9620E	495	From 1986-01-01
Al Bad'	BDAS	Saudi Arabia	28.4300N	35.1000E	530	
Albannette	OG18	Rhone-Alpes,France	45.1932N	6.4290E	1455	From 1990-12-04
Albanya	ALBA	Spain	42.3128N	2.7235E	400	
Al Bayda'	BDHA	Yemen	13.9750N	45.5670E	2000	From 1994-11-01
Albemarle	AE-	North Carolina,U.S.A.	35.4336N	80.0597W	183	From 1966-12-16 to 1966-12-20
Albemarle	AE-NC	North Carolina,U.S.A.	35.4336N	80.0597W	183	From 1966-12-16 to 1966-12-20
Alberni	ALB	British Columbia,Canada	49.2717N	124.8300W	25	From 1951-01-01
Al Beshri	BSHR	Syria	35.6685N	39.8185E	852	From 2002-04-01
Albida	BIDA	Syria	35.0138N	36.3212E	930	From 1995-11-01
Alboran	EALB	Spain	35.9399N	3.0343W	20	
Al Budayyi	BBU	Bahrain	26.2150N	50.4567E		From 1986-01-01
Albunol	EXAL	Spain	36.7910N	3.2030W	286	
Albuquerque	ABQ	New Mexico,U.S.A.	34.9425N	106.4570W	1849	From 1974-01-01
Albuquerque	ANMO	New Mexico,U.S.A.	34.9502N	106.4602W	1743	From 1974-08-01
Albuquerque	W22A	New Mexico,U.S.A.	35.0719N	106.8674W	1813	From 2008-01-09
Albuquerque	ALQ	New Mexico,U.S.A.	34.9425N	106.4575W	1849	
Alcan	ALC	Alaska,U.S.A.	62.6225N	141.0080W	582	From 1979-09-25
Alcochete	PACT	Portugal	38.7680N	8.8333W	30	
Alcott Elementary School	ALCT	Washington,U.S.A.	47.6475N	122.0370W	55	
Alcoutim	PALC	Portugal	37.4647N	7.4758W	73	
Aldan	ALDR	Sakha,Russia	58.6100N	125.4094E	682	
Alder Creek	ACK	Alaska,U.S.A.	65.9542N	162.1890W	377	
Alder Peak	PAPM	California,U.S.A.	35.9128N	121.3620W	1015	
Alders End	HAE	England,United Kingdom	52.0376N	2.5475W	224	From 1982-01-01
Alder Springs	GAS	California,U.S.A.	39.6548N	122.7150W	1219	From 1985-04-10
Alder Springs Broadband	GASB	California,U.S.A.	39.6500N	122.7200W	0	
Al-Direh	DRHJ	Jordan	29.3580N	34.9620E	10	
Alegheny College	ALLY	Pennsylvania,U.S.A.	41.6492N	80.1448W	390	
Alemaya	ALME	Ethiopia	9.4300N	42.0400E	2133	From 1988-01-01
Alert	ALE	Northwest Territories,Canada	82.5030N	62.3500W	65	From 1961-09-29
Alevga	ALFC	Cyprus	35.1570N	32.5990E	520	
Alexander Bay	ALX	New York,U.S.A.	44.3225N	75.9279W	122	From 1976-08-01
Alexander City	AX-	Alabama,U.S.A.	32.8356N	86.1764W	183	From 1965-12-03 to 1965-12-13
Alexander City	AX2AL	Alabama,U.S.A.	32.7772N	86.1300W	213	From 1966-03-24 to 1967-01-16
Alexander City	AX-AL	Alabama,U.S.A.	32.8356N	86.1764W	183	From 1965-12-03 to 1965-12-13
Alexander City	AX2	Alabama,U.S.A.	32.7772N	86.1300W	213	From 1966-03-24 to 1967-01-16
Alexander Valley	GAXM	California,U.S.A.	38.7108N	122.7550W	379	From 1973-09-21
Alexandra	AXZ	South Island,New Zealand	45.2672S	169.3311E	260	From 1996-03-06
Alexandroupolis	ALN	Greece	40.8972N	26.0456E	110	From 1989-06-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Alfacar	AFC	Spain	37.2544N	3.5450W	1490	
Alfacar	ALCS	Spain	37.2542N	3.5439W		
Al Faqa, Dubai	FAQ	United Arab Emirates	24.7453N	55.5924E	203	From 1982-02-01 to 1982-03-01
Al Fayyum	FYM	Egypt	29.6923N	31.0430E	200	From 2006-05-30
Alfred	AFO1	Ontario,Canada	45.6282N	74.8824W	53	
Alfred	AFO2	Ontario,Canada	45.6308N	74.8540W	53	
Alfred	ALF	New York,U.S.A.	42.2253N	77.7972W	671	From 1971-01-01 to 1978-09-30
Alfred	ALFO	Ontario,Canada	45.6283N	74.8842W	0	
Algarobillo	CHP4	Peru	4.5019S	80.3600W	220	
Alger-Bouzareah	ABA	Algeria	36.8017N	3.0350E	345	From 1910-01-01
Al Ghardaqah	HHRG	Egypt	27.2193N	33.5691E	227	
Algiers University	ALG	Algeria	36.7717N	3.0583E	59	From 1949-01-01 to 1982-12-31
Algonquin Park	ALGO	Ontario,Canada	45.9544N	78.0509W	235	
Alhama Almeria	EXAA	Spain	36.9580N	2.5680W	528	
Alhama de Murcia	EALH	Spain	37.8581N	1.4197W	294	From 1986-01-01
Alhama Granada	EXAG	Spain	37.0160N	3.9860W	900	
Al Hawiyah	HWYS	Saudi Arabia	21.4349N	40.4177E		
Alia	ALJA	Italy	37.7490N	13.7537E	700	From 2008-02-14
Aliabad	ALIA	Iran	36.7000N	54.5000E	0	
Alicahue	ALH	Aconcagua,Chile	32.3700S	70.7928W	1890	From 1970-08-01
Alicante	ALI	Spain	38.3553N	0.4873W	35	
Alicante	EXAI	Spain	38.3550N	0.4870W	35	
Alice Springs	ASP	Northern Territory,Australia	23.6833S	133.8970E	600	From 1970-12-15 to 1982-02-15
Alice Springs	ASPA	Northern Territory,Australia	23.6669S	133.9010E	555	From 1982-02-17 to 2006-05-29
Alice Springs Array Beam Reference Point	ASAR	Northern Territory,Australia	23.6664S	133.9040E	607	
Alice Springs Array Site 1	AS01	Northern Territory,Australia	23.6647S	133.9510E	605	From 1986-01-01
Alice Springs Array Site 10	AS10	Northern Territory,Australia	23.6969S	133.9140E	607	From 1986-01-01
Alice Springs Array Site 11	AS11	Northern Territory,Australia	23.6783S	133.8980E	608	From 1986-01-01
Alice Springs Array Site 12	AS12	Northern Territory,Australia	23.6664S	133.9040E	607	From 1986-01-01
Alice Springs Array Site 13	AS13	Northern Territory,Australia	23.6519S	133.8940E	604	From 1986-01-01
Alice Springs Array Site 14	AS14	Northern Territory,Australia	23.6517S	133.9100E	620	From 1986-01-01
Alice Springs Array Site 15	AS15	Northern Territory,Australia	23.6356S	133.9120E	669	From 1986-01-01
Alice Springs Array Site 16	AS16	Northern Territory,Australia	23.6369S	133.9300E	676	From 1986-01-01
Alice Springs Array Site 17	AS17	Northern Territory,Australia	23.6644S	133.9920E	615	From 1986-01-01
Alice Springs Array Site 18	AS18	Northern Territory,Australia	23.6900S	133.9810E	592	From 1986-01-01
Alice Springs Array Site 19	AS19	Northern Territory,Australia	23.7044S	133.9630E	577	From 1986-01-01
Alice Springs Array Site 2	AS02	Northern Territory,Australia	23.6792S	133.9370E	619	From 1986-01-01
Alice Springs Array Site 3	AS03	Northern Territory,Australia	23.6744S	133.9200E	643	From 1986-01-01
Alice Springs Array Site 4	AS04	Northern Territory,Australia	23.6597S	133.9290E	666	From 1986-01-01
Alice Springs Array Site 5	AS05	Northern Territory,Australia	23.6492S	133.9470E	683	From 1986-01-01
Alice Springs Array Site 6	AS06	Northern Territory,Australia	23.6475S	133.9710E	663	From 1986-01-01
Alice Springs Array Site 7	AS07	Northern Territory,Australia	23.6656S	133.9700E	614	From 1986-01-01
Alice Springs Array Site 8	AS08	Northern Territory,Australia	23.6814S	133.9600E	594	From 1986-01-01
Alice Springs Array Site 9	AS09	Northern Territory,Australia	23.6994S	133.9410E	591	From 1986-01-01
Alice Springs Site	AS31	Northern Territory,Australia	23.6651S	133.9053E	627	
Alicudi	ACL	Sicily,Italy	38.5331N	14.3556E	140	
Alishan	ALS	Taiwan region	23.5104N	120.8050E	2413	
Al Jahlan	JHLN	Syria	35.6725N	38.4411E	459	From 1995-04-01
Aljibe	ALJ	Spain	36.5299N	5.6494W	427	
Al Khamasin	KAMS	Saudi Arabia	20.3088N	44.5811E	325	
Al Kharjah	AKRG	Egypt	25.5032N	30.4985E	152	
Alki Wastewater Plant ANSS-SMO	ALKI	Washington	47.5751N	122.4176W	1	From 2004-11-04
Alkurruntz	EALK	Spain	43.2197N	1.5071W	1	From 2003-07-30
All	MALI	Sicily,Italy	38.0530N	15.4000E	1005	From 1993-12-01
Alla	ALLA	Buryatiya,Russia	54.7000N	110.7667E		
Alla	ALL	Buryatiya,Russia	54.7000N	110.7667E		
Allagash	AGM	Maine,U.S.A.	47.0817N	69.0233W	238	From 1975-11-01 to 1999-01-31
Allahabad	ALBI	Uttar Pradesh,India	25.3090N	81.8085E	107	
Allegan	ACM	Michigan,U.S.A.	42.6475N	85.8517W	268	
Allendale	XAL	England,United Kingdom	54.8617N	2.2147W	462	From 1983-07-10
Allen Road	ALRZ	North Island	38.5638S	176.3428E	405	From 2007-11-07
Allentown	ATPA	Pennsylvania,U.S.A.	40.5767N	75.5886W	61	
Alliance	AI-	Nebraska,U.S.A.	42.1328N	103.2764W	1311	From 1962-11-07 to 1962-12-12
Alliance	AI-NB	Nebraska,U.S.A.	42.1328N	103.2764W	1311	From 1962-11-07 to 1962-12-12
Al Lith	LTHS	Saudi Arabia	20.2757N	40.4111E	121	
Al Lith	LITH	Saudi Arabia	20.7161N	40.6161E	100	
Alma-Ata	AAA	Kazakhstan	43.2717N	76.9467E	800	
Alma-Ata	AA1	Kazakhstan	43.2717N	76.9467E	800	
Almaden	JALM	California,U.S.A.	37.1583N	121.8470W	244	From 1968-10-16
Almaden	AMC	California,U.S.A.	37.1583N	121.8470W	244	From 1968-10-16
Al Majma'ah	MJMA	Saudi Arabia	25.8550N	45.2890E	650	From 1990-03-01
Al Marj	MARJ	Libya	32.5818N	20.8757E	408	
Almaty	KNDC	Kazakhstan	43.2172N	76.9658E	900	From 2005-11-28
Almayashu	AML	Kyrgyzstan	42.1311N	73.6941E	3400	
Al-Mazaregh	MZRK	Syria	35.8266N	40.6525E	373	From 2002-04-01
Almeirim	ALMR	Portugal	39.1555N	8.5768W	165	
Almeirim	AMRP	Portugal	39.1583N	8.5750W	160	From 1990-02-01
Almeria	EXAM	Spain	36.8520N	2.4590W	65	
Almeria	ALM	Spain	36.8525N	2.4598W	65	
ALMNMKUR	MNKR	Syria	35.9425N	39.2708E	376	From 2002-04-01
Al Mukalla	MUKL	Yemen	14.4760N	49.0360E	41	
Al Mukha	MUKH	Yemen	13.3150N	43.2653E	0	
Al-Naa'iem	NAY	Kuwait	29.2489N	47.2421E	218	
Alonnisos	AOS	Greece	39.1703N	23.8800E	200	From 1996-07-11
Alotau	ALOA	Papua New Guinea	10.2983S	150.3770E	10	From 1984-02-03
Alotau	ALOT	Papua New Guinea	10.2960S	150.4640E	200	From 1982-11-08 to 1984-02-03
ALPA Array Beam Reference Point	ALAR	Alaska,U.S.A.	65.0653N	147.5639W	626	
ALPA Array Site 31	AL31	Alaska,U.S.A.	65.0653N	147.5639W	626	
ALPA Array Site 32	AL32	Alaska,U.S.A.	65.1944N	147.3161W		
ALPA Array Site 33	AL33	Alaska,U.S.A.	65.0286N	147.1961W		
ALPA Array Site 35	AL5	Alaska,U.S.A.	64.9447N	147.8595W		From 1993-07-01
ALPA Array Site 36	AL36	Alaska,U.S.A.	65.0978N	148.0014W		
ALPA Array Site 37	AL37	Alaska,U.S.A.	65.2333N	147.7433W		
Alpe Falaria	AFL	Italy	46.5300N	12.1800E	2235	
Alpha Peak	APW	Washington,U.S.A.	46.6517N	122.6470W	457	
Alpine	ALPW	Wyoming,U.S.A.	43.1506N	110.9980W	1792	From 1986-01-01
Alpnach	APL	Switzerland	46.9496N	8.2428E	880	From 1992-12-01
Alp Oberkamor	LIENZ	Switzerland	47.2960N	9.4940E	1560	
Al-Qirein	QRNJ	Jordan	32.3350N	35.5750E	-180	
Al-Qurain	QRN	Kuwait	28.7444N	47.9177E	135	
Al-Radifah	RDF	Kuwait	28.9259N	47.5497E	180	
Al Salmeh	SLMH	Syria	36.2139N	37.9278E	510	From 1995-04-01
Al Shahba	SHBJ	Jordan	32.3025N	37.8280E	960	From 1987-10-24
Al Sharaya	SHRA	Saudi Arabia	21.4789N	39.9681E	413	From 1995-01-01
Al Sooda	SODA	Saudi Arabia	18.2900N	42.3740E	2600	From 1989-06-06
Alsterbro	ATR	Sweden	56.9950N	15.9180E	119	From 1980-01-01
Alston	ALST	Oregon,U.S.A.	46.1090N	123.0329W	198	
Alta	AAU	Utah,U.S.A.	40.5919N	111.6380W	2694	From 1974-11-01 to 1976-04-30
Altamira	ATB	Para,Brazil	3.2878S	52.2250W		
Altamura	AMUR	Italy	40.9071N	16.6041E	443	From 2005-08-03
Alta Sierra Campground	WASM	California,U.S.A.	35.7382N	118.5570W	1871	
Alta Urco	ALTA	Ecuador	2.4737S	78.9893W	2700	From 1996-03-05
Alteburg	ABH	Rheinland-Pfalz,Germany	49.8817N	7.5475E	618	From 1993-01-01
Alter Ridge	ALD	Washington,U.S.A.	45.8194N	120.0670W	427	From 1975-11-01
Altintas	ALT	Turkey	39.0552N	30.1103E	1060	From 1973-06-27
Altmuhljura-Amtmannsdorf	ALTM	Bayern	48.9950N	11.5200E	430	From 2003-01-01
Alto Anchicaya	ANCC	Colombia	3.5153N	76.8667W	540	
Alto Bandera	DR10	Dominican Republic	18.8082N	70.6878W	2470	
Altona	ATO	Oklahoma,U.S.A.	35.7922N	98.1195W	364	From 1982-11-11
Altoona	AS-PA	Pennsylvania,U.S.A.	40.7331N	78.5239W	469	
Altos	ACH	Panama	8.6635N	79.9292W	900	
Alturitas	ALTV	Venezuela	9.7516N	72.4178W		
Altzomoni	IIA	Mexico D.F.,Mexico	19.1495N	98.6583W		
Al 'Udayn	UDYN	Yemen	13.9670N	43.9670E	1370	From 1994-11-01
Alum Ck. St. Park	ACOH	Ohio,U.S.A.	40.2318N	82.9833W		
Alum Creek State Park	ACSO	Ohio,U.S.A.	40.2319N	82.9820W	288	
Alushta	ALU	Ukraine	44.6820N	34.4030E	61	
Al'Uyaynah	AYN	Saudi Arabia	28.8660N	36.0010E	770	From 1986-01-01
Alvey	ALVY	Oregon,U.S.A.	43.9981N	123.0158W	155	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Alvord Mountain	ALV	California,U.S.A.	35.0617N	116.6289W	640	
Al Wahab	WHAB	Syria	35.9171N	37.5520E	630	From 1995-04-01
Al Wajih	WAJH	Saudi Arabia	26.1760N	36.5600E	75	From 1988-06-20
Amami Oshima	JAM	Ryukyu Islands,Japan	28.4113N	129.6052E	15	
Amanu	AMN	Tuamotu, French Polynesia	17.8506S	140.8590W	2	From 1976-01-01
Amargosa	AMDNV	Nevada,U.S.A.	36.4526N	116.2809W	0	
Amargosa	AMR	California,U.S.A.	36.3975N	116.4745W	725	From 1978-07-24 to 2002-12-10
Amarillo	AZ-TX	Texas,U.S.A.	35.4300N	101.9306W	988	From 1963-08-28 to 1964-03-06
Amarillo	AMTX	Texas,U.S.A.	34.8837N	101.6808W	1010	
Amarillo	AZ	Texas,U.S.A.	35.4300N	101.9306W	988	From 1963-08-28 to 1964-03-06
Amasugawa 1	AM1	Shiga,Japan	35.4444N	135.9186E	250	
Amasugawa 2	AM2	Shiga,Japan	35.4441N	135.9215E	180	
Amatignak Island	AMA	Alaska,U.S.A.	51.2884N	179.1090W	503	From 1970-10-09 to 1973-04-30
Amatzia	AMAZ	Israel	31.5325N	34.9154E	396	From 2005-12-05
Amatzia	AMZI	Israel	31.4590N	34.9125E	151	
Ambar	AMP	Pakistan	34.0550N	72.4150E	361	
Ambatonomby	OBY	Madagascar	19.3680S	47.4570E	1625	
Amberd	AMBZ	Armenia	40.3880N	44.2590E	2200	
Ambohiby	ATG	Madagascar	18.8790S	46.1880E	1520	From 1994-06-16
Ambohitratompo	OPO	Madagascar	18.5706S	47.1879E	1463	From 1978-11-17
Ambohimirambe	ABM	Madagascar	19.7810S	47.3650E	1843	From 1982-03-23
Ambohimpanom	ABPO	Madagascar	19.0174S	47.2275E	1528	
Ambon	AMO	Ambon,Indonesia	3.7000S	128.1670E		
Ambon	AAI	Ambon,Indonesia	3.6870S	128.1945E	80	From 1975-01-01
Amboy	AB-	West Virginia,U.S.A.	39.3306N	79.5669W	914	
Amboy	F04A	Washington,U.S.A.	45.9325N	122.4193W	211	From 2005-10-25
Amboy	AB-WV	West Virginia,U.S.A.	39.3306N	79.5669W	914	
Ambulong	AMB	Luzon,Philippines	14.0833N	121.0500E	10	From 1910-01-01 to 1999-08-25
Amchitka	ASC	Alaska,U.S.A.	51.4631N	179.1580E		From 1969-07-28 to 1972-12-11
Amchitka	AMC*	Alaska,U.S.A.	51.4097N	179.2922E	0	From 1965-01-01 to 1966-01-01
Amchitka	AC-IS	Alaska,U.S.A.	51.3894N	179.3425E	61	
Amchitka	AEB	Alaska,U.S.A.	51.3604N	179.2470E		
Amchitka	AMKA	Alaska,U.S.A.	51.3783N	179.3019E	115	
Amchitka	AWA	Alaska,U.S.A.	51.3746N	179.2530E		
Amchitka	ASB	Alaska,U.S.A.	51.3604N	179.2470E	75	From 1969-05-25 to 1973-04-30
Amchitka	ANA	Alaska,U.S.A.	51.6277N	178.6560E		From 1969-08-25 to 1973-04-30
Amchitka	ASD	Alaska,U.S.A.	51.3907N	179.3420E		From 1969-05-29 to 1973-04-30
Amchitka	AND	Alaska,U.S.A.	51.5623N	178.9530E	186	From 1970-07-18 to 1973-04-30
Amchitka	ANB	Alaska,U.S.A.	51.6062N	178.7920E		From 1970-10-14 to 1971-04-30
Amchitka Central A	ACA	Alaska,U.S.A.	51.4809N	179.1190E	42	From 1971-05-08 to 1972-12-11
Amchitka Central B	ACB	Alaska,U.S.A.	51.4626N	179.0910E	47	From 1971-05-08 to 1972-06-30
Amchitka Central C	ACC	Alaska,U.S.A.	51.4843N	179.0430E	26	From 1971-05-08 to 1972-06-30
Amchitka Central D	ACD	Alaska,U.S.A.	51.4282N	179.1370E	37	From 1971-05-08 to 1972-06-30
Amchitka Central E	ACE	Alaska,U.S.A.	51.4005N	179.1730E	9	From 1971-05-08 to 1972-06-30
Amchitka Central F	ACF	Alaska,U.S.A.	51.5258N	178.9940E	62	From 1971-05-08 to 1972-06-30
Amchitka East	AME	Alaska,U.S.A.	51.3867N	179.2550E		
Amderma	AMD	Arkhangelskaya Oblast',Russia	69.7667N	61.6833E		
Amelia	AMI	Italy	42.5851N	12.4286E		
Amelia	AM9	Italy	42.5851N	12.4286E		From 1980-06-01 to 1980-07-01
American Fork	AMF	Utah,U.S.A.	40.4020N	111.7880W	1445	
Americas 2	WILN	Nicaragua	12.1607N	86.1875W	20	
Americus	AMG	Georgia,U.S.A.	32.0594N	84.2177W	106	From 1973-09-01
Ammassalik, Greenland	ANGG	Greenland	65.6160N	37.6370W	0	From 2000-02-03
Amo	AMJ	Gifu,Japan	36.2494N	137.0280E	620	From 1975-08-05
Amorgos	AMOR	Greece	36.9898N	25.9863E	240	
Amos	AMS	California,U.S.A.	33.1413N	115.2540W	140	From 1973-04-16 to 2008-02-22
Ampaña	AFSI	Sulawesi	0.9108S	121.6487E	0	From 2007-12-01
Amsterdam Island	AIS	Amsterdam Island	37.7966S	77.5694E	36	
Anacapa Island	AIC	California,U.S.A.	34.0133N	119.4370W	113	From 1973-02-23
Anaconda	AMM	Montana,U.S.A.	46.0942N	112.9510W	2051	
Anadyr'	ANDR	Magadanskaya Oblast',Russia	64.7340N	177.4950E	55	
Anaheim Lake	ALRB	British Columbia,Canada	52.5103N	125.0844W	1237	From 2006-08-30
Anan'yevo	ANVS	Kyrgyzstan	42.7830N	77.6670E	1860	
Anapa	ANN	Krasnodarskiy Krai,Russia	44.8000N	37.4330E	35	
Anatahan	ANAT	Mariana Islands	16.3530N	145.6560E	510	
Anatahan	ANA2	Mariana Islands	16.3412N	145.7115E	314	
Anatahan S. Rim	AFOK	Mariana Islands	16.3416N	145.6746E	418	
Anchorage	ANH	Alaska,U.S.A.	61.2417N	149.8267W	30	From 1964-03-30 to 1964-06-27
Anchorage	ANI*	Alaska,U.S.A.	61.2417N	149.8270W		From 1964-03-30 to 1964-06-27
Anchorage	AMU	Alaska,U.S.A.	61.1917N	149.8050W	53	From 1965-02-01 to 1975-12-05
Anchorite	ANCR	Nevada,U.S.A.	38.1732N	118.7537W	2250	
Ancon	PP10	Peru	11.7723S	77.1432W	56	
Ancona	AOI	Italy	43.5500N	13.6020E	530	
Ancona	ANS	Italy	43.5522N	13.4622E	295	From 1973-01-01
Andalgala	ANL	Catamarca,Argentina	27.6167S	66.3167W		
Anderson	ANTN	Tennessee,U.S.A.	36.1717N	85.2313W	612	
Anderson Peak	BAPM	California,U.S.A.	36.1758N	121.6430W	1219	
Anderson Res.	CADM	California,U.S.A.	37.1638N	121.6258W		From 1967-08-25
Anderson Reservoir	ADR	California,U.S.A.	37.1638N	121.6258W	207	From 1967-08-25
Andimeshk	IAND	Iran	32.4250N	48.3556E	0	From 1998-01-01
Andirin	ANDN	Turkey	37.5800N	36.3452E	1142	From 2006-11-06
Andizhan	ANR	Uzbekistan	40.7550N	72.3600E	494	
Andong	KSAND	South Korea	36.5687N	128.7057E	139	From 1999-04-16
Andorre	PAND	Andorra	42.5225N	1.5467E	1857	From 1991-10-25
Anegada	ABV	Virgin Islands	18.7298N	64.3320W	35	From 2004-06-01
Anegada Island	ABVI	Virgin Islands	18.7297N	64.3325W	8	
Angavokely	AVY	Madagascar	18.9279S	47.7376E	1807	From 1973-01-01
Angela	AN-	Montana,U.S.A.	46.7522N	106.0917W	907	From 1964-11-16 to 1965-06-11
Angela	AN-MA	Montana,U.S.A.	46.7522N	106.0917W	907	From 1964-11-16 to 1965-06-11
Angel Island	LT13	California,U.S.A.	37.8613N	122.4300W	223	From 1969-08-08
Angel Island	CAIM	California,U.S.A.	37.8613N	122.4300W	223	From 1969-08-08
Angel Island	APC	California,U.S.A.	37.8613N	122.4300W	223	From 1969-08-08
Angel's Peak	APK	Nevada,U.S.A.	36.3194N	115.5740W	2680	From 1975-06-15 to 1983-09-06
Angels Peak	APKW	Nevada,U.S.A.	36.3198N	115.5868W	2580	From 1983-09-06 to 2002-10-10
Angle Creek	ANCK	Alaska,U.S.A.	58.1988N	155.4940W		From 1996-08-01
Angle Creek Headwaters	ACHA	Alaska,U.S.A.	58.2107N	155.3260W	960	From 1996-08-01
Angle Mountain	ANGW	Wyoming,U.S.A.	43.8318N	110.1900W	2743	From 1990-09-01
Angol	ANGC	Malleco,Chile	37.7833S	72.7083W	70	From 1988-01-01
Angol	AGCH	Maule	37.8093S	72.6964W	81	From 2005-12-20
Angono	ARP	Luzon,Philippines	14.5380N	121.1530E	85	
Angostura	ANGV	Venezuela	9.7050N	69.5217W	680	From 1984-01-01 to 1999-08-25
Angra Heroismo	ADH0	Azores,Portugal	38.6633N	27.2066W	100	From 1988-12-12 to 2000-05-17
Angra Heroismo	ADH	Azores,Portugal	38.6550N	27.2350W	83	
Angren	ANE	Uzbekistan	41.0100N	70.2600E	951	
Angureal	ANGU	Ecuador	0.0468N	78.0083W	4680	From 2005-09-20
Aniakchak	ANI	Alaska,U.S.A.	57.0417N	158.0400W	0	
Aniakchak	ANKA	Alaska,U.S.A.	56.9058N	158.2290W	863	From 1994-08-01
Aniakchak Crater	ANIA	Alaska,U.S.A.	56.9056N	158.2293W	930	
Aniakchak Jack	AJAX	Alaska,U.S.A.	56.8895N	158.2215W	967	
Aniakchak Peak	ANPK	Alaska,U.S.A.	56.8418N	158.1261W	972	
Aniakchak Plenty Bear	ANPB	Alaska,U.S.A.	56.8024N	158.2808W	658	
Anini-y	AAP	Panay,Philippines	10.4200N	121.9440E	50	
Anjarah	ANJJ	Jordan	32.3010N	35.7710E	1075	
Anjiloo	IANJ	Iran	35.4672N	53.9144E	1100	From 1999-05-01
Ankara	DAD	Turkey	39.9082N	32.7536E	875	From 2007-12-27
Ankara	ANTO	Turkey	39.8689N	32.7936E	883	From 1978-08-01
Ankara	ANK	Turkey	39.9167N	32.8167E		
Anmore	ANMB	British Columbia,Canada	49.3187N	122.8585W	179	
Anmyeondo	KSANM	South Korea	36.5000N	126.3000E	47	From 2002-11-07
Anna	AN8	Ohio,U.S.A.	40.2444N	84.2864W	302	
Anna	AN12	Ohio,U.S.A.	40.9214N	84.1822W	226	
Anna	AN1	Ohio,U.S.A.	40.4792N	84.1308W	323	From 1976-01-15 to 1999-08-25
Anna	AN10	Ohio,U.S.A.	40.4728N	84.4700W	297	
Anna	AN11	Ohio,U.S.A.	40.5639N	84.6803W	267	
Anna	AN3	Ohio,U.S.A.	40.5486N	83.8122W	326	
Anna	AN4	Ohio,U.S.A.	40.2219N	83.8978W	346	
Anna	AN7	Ohio,U.S.A.	40.8233N	83.8600W	281	
Anna	AN9	Ohio,U.S.A.	40.7111N	84.4969W	255	
Anna di Valdieri 2	STV2	Italy	44.2455N	7.3260E	930	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Ann Arbor	AAM	Michigan,U.S.A.	42.3012N	83.6567W	172	From 1940-01-01
An Nimas	NAMS	Saudi Arabia	19.1702N	42.2021E	2328	
Anninata	KFL	Greece	38.1096N	20.7880E	264	From 2006-09-30
Annsville	ANNS	New York,U.S.A.	41.3140N	73.9132W	42	
Anoyia	IDI	Crete,Greece	35.2880N	24.8900E	750	
Anpu	ANP	Taiwan region	25.1865N	121.5200E	826	From 1963-03-14
Anshas	MANS	Egypt	30.9560N	31.5180E	45	
Anshuo	EAST	Taiwan region	22.3830N	120.8480E	445	
Antalya	ANTB	Turkey	36.8998N	30.6538E	20	From 2004-03-12
Antelope	ALPC	California,U.S.A.	34.6871N	118.2995W	753	
Antelope Grade	PAGM	California,U.S.A.	35.7320N	120.2490W	482	
Antelope Island	ANU	Utah,U.S.A.	41.0397N	112.2320W	1353	From 1975-11-01 to 1991-08-27
Antelope Mountain	LAMM	California,U.S.A.	41.6098N	122.6256W	1769	
Antelope Range	ARUT	Utah,U.S.A.	37.7880N	113.4400W	1646	From 1980-12-01
Antelope Ridge	ANTR	New Mexico,U.S.A.	32.2637N	103.4110W	1056	From 1991-01-01
Antelope Valley	BAVM	California,U.S.A.	36.6459N	121.0301W	572	From 1975-07-02
Antennamare	ATN	Sicily,Italy	38.1595N	15.4647E	1130	
Antibes	ANTF	Provence-Cote d'Azur	43.5640N	7.1230E	54	From 2003-01-06
Anticline Ridge	PARM	California,U.S.A.	36.2492N	120.3420W	485	From 1975-09-05
Antigua	ANG	Antigua,Antigua and Barbuda	17.1550N	61.8300W	27	From 1968-04-20
Antigua	AWI	Antigua,Antigua and Barbuda	17.1430N	61.8350W	23	From 1955-06-24 to 1963-10-06
Antillo	AIO	Sicily,Italy	37.9712N	15.2330E	751	
Antioch	CACM	California,U.S.A.	36.9762N	121.7600W	74	From 1973-10-26
Antioch Church	ACTN	Tennessee,U.S.A.	36.3470N	89.3100W	143	
Antisana	ANTI	Ecuador	0.4492S	78.1612W	4510	From 1991-08-09
Antlers	AL-	Oklahoma,U.S.A.	34.3581N	95.6125W	213	From 1962-07-04 to 1962-07-11
Antlers	AL-OK	Oklahoma,U.S.A.	34.3581N	95.6125W	213	From 1962-07-04 to 1962-07-11
Antofagasta	ANT	Antofagasta,Chile	23.7050S	70.4153W	80	From 1962-12-28
Antofagasta	ANCH	Antofagasta,Chile	23.6820S	70.4100W	60	
Antumapu	ANTU	Santiago,Chile	33.5691S	70.6335W	640	
Anvil Mountain	ANV	Alaska,U.S.A.	64.5655N	165.3720W	330	From 1976-08-01
Anzar Reservoir 9	AN9*	California,U.S.A.	37.0140N	122.0362W	129	
Anzar Road	ANZ	California,U.S.A.	36.8847N	121.5910W	122	From 1967-06-29
Anzar Road	HAZM	California,U.S.A.	36.8847N	121.5910W	122	From 1967-06-29
Aoalbol	IADA	Iceland	65.0190N	15.5750W	443	From 1998-09-19
Aobayama	AOB	Miyagi,Japan	38.2483N	140.8470E	87	From 1967-04-01
Aomori	AOM1	Aomori,Japan	40.8200N	140.7733E	3	From 1989-12-01
Aomori	AOM	Aomori,Japan	40.8167N	140.7833E	5	
Aomori 2	AOMJ	Aomori,Japan	40.5600N	140.3730E	8	From 1978-01-01
Aomori 3	AOM3	Aomori,Japan	40.7767N	140.8170E	150	From 1990-04-21
Aou	AOU	Kochi,Japan	33.7923N	133.7710E	470	From 1972-04-01
Aouinet Torkoz	ANTZ	Morocco	28.4747N	9.8547W	300	From 1991-12-18
Aoulouz	ALZ	Morocco	30.6960N	8.1410W	800	
Apache	APC	Kamchatskaya Oblast',Russia	52.9250N	157.1581E	100	
Apache	AP-OK	Oklahoma,U.S.A.	34.8331N	98.4358W	427	
Apache	AP-	Oklahoma,U.S.A.	34.8331N	98.4358W	427	
Apache Junction	GVA	Arizona,U.S.A.	33.4214N	111.5748W	507	From 1994-01-05
Apakhonchich	APN	Kamchatskaya Oblast',Russia	56.0000N	160.8300E	700	
Apacity	APA	Murmanskaya Oblast',Russia	67.5689N	33.4050E	182	
Apacity Array Beam Reference Point	APAES	Murmanskaya Oblast',Russia	67.6061N	32.9931E	200	
Apacity Array Site A0	APA0	Murmanskaya Oblast',Russia	67.6061N	32.9931E	200	From 1992-09-01
Apacity Array Site A1	APA1	Murmanskaya Oblast',Russia	67.6078N	32.9931E	200	
Apacity Array Site A2	APA2	Murmanskaya Oblast',Russia	67.6053N	32.9964E	200	
Apacity Array Site A3	APA3	Murmanskaya Oblast',Russia	67.6047N	32.9894E	200	
Apacity Array Site B1	APB1	Murmanskaya Oblast',Russia	67.6067N	33.0047E	200	
Apacity Array Site B2	APB2	Murmanskaya Oblast',Russia	67.5983N	33.0017E	200	
Apacity Array Site B3	APB3	Murmanskaya Oblast',Russia	67.6028N	32.9861E	200	
Apacity Array Site B4	APB4	Murmanskaya Oblast',Russia	67.6078N	32.9831E	200	
Apacity Array Site B5	APB5	Murmanskaya Oblast',Russia	67.6100N	32.9928E	200	
Apacity Array Site Z9	APZ9	Murmanskaya Oblast',Russia	67.5686N	33.4050E	200	
Apeiranthos	APE	Greece	37.0689N	25.5306E	620	From 1975-11-01
Aper	APER	Greece	35.5504N	27.1741E	250	
Apex site 3 Nunavut	AP3N	Northwest Territories	69.4586N	84.4616W	437	From 2005-08-17
Apia	API	Samoa Islands	13.8072S	171.7750W	2	From 1902-01-01
Apoyeque	APYN	Nicaragua	12.2338N	86.3500W	300	
Apoyeque	APY	Nicaragua	12.2277N	86.3528W	260	From 1975-01-01
Apoyo	APON	Nicaragua	11.9167N	86.0667W	600	
Appelbo	APO	Sweden	60.5390N	13.9280E	340	From 1969-01-01
Appelbo	APP	Sweden	60.5390N	13.9280E	340	From 1969-01-01
Appiano	APP1	Italy	46.4787N	11.2281E	1056	From 2003-11-12
Apres Vouz Peak	AVOW	Wyoming,U.S.A.	43.6111N	110.8140W	2036	From 1986-01-01
Aqaba	AQB*	Jordan	29.7280N	35.0500E	170	From 1989-10-23
Aqua Casa	AQ6*	Sicily,Italy	38.4856N	14.9317E	170	From 1966-04-01 to 1966-05-01
Aqua Vermelha	AGVB	Minas Gerais,Brazil	19.7394S	50.2331W	393	From 1993-03-01
Aquidauana	AQDB	Mato Grosso,Brazil	20.4800S	55.7000W	155	From 2003-07-01
Aquila	MMIG	Michoacan	18.2885N	103.3455W	64	From 2006-07-08
Aracena	ARAC	Spain	37.8923N	6.5647W	675	
Aradan	ARDR	Altayskiy Kray,Russia	52.5800N	93.4300E	950	
Arahi	RAHZ	North Island	38.9179S	177.0858E	472	From 2008-05-15
Arakani	ARKR	Dagestan,Russia	42.6028N	46.9944E	750	
Arakawa	K06	Iwate,Japan	39.4181N	141.5464E	363	
Araks	AKSZ	Armenia	40.1910N	43.8850E	1160	
Aral	ARLS	Kyrgyzstan	41.8610N	74.3230E	1640	
Aranda	RNDA	Australian Capital Territory	35.2580S	149.0820E	666	From 2007-01-01
Aranguren	EARA	Spain	42.7727N	1.5797W	476	From 2005-07-07
Arapuni	ARA	North Island,New Zealand	38.0833S	175.6500E	65	From 1930-07-01 to 1950-10-31
Araqi	ARO	Oman	23.3366N	56.5219E	400	From 2001-07-01
Ararat	ARRZ	Armenia	39.8540N	44.6970E	850	
'Arava Valley	ARVI	Israel	30.6400N	35.1870E	350	
ARAXOS	ARX	Greece	38.1897N	21.4135E	196	From 2006-01-06
Arbois	ARBF	Provence-Cote d'Azur,France	43.4917N	5.3325E	185	From 1998-11-01
Arbon	K15A	Idaho,U.S.A.	42.6852N	112.5305W	1566	From 2007-07-24
Arbuckle	GARM	California,U.S.A.	38.9552N	122.2520W	268	
Arcata	ARC	California,U.S.A.	40.8777N	124.0774W	30	From 1948-02-27
Arcavacata	ACI	Italy	39.3508N	16.2031E	300	From 1976-05-18
ARCESS Array Beam Reference Point	ARCES	Norway	69.5349N	25.5058E	403	
ARCESS Array Site A0	ARA0	Norway	69.5349N	25.5059E	403	
ARCESS Array Site A1	ARA1	Norway	69.5363N	25.5071E	411	
ARCESS Array Site A2	ARA2	Norway	69.5338N	25.5078E	392	
ARCESS Array Site A3	ARA3	Norway	69.5346N	25.5019E	402	
ARCESS Array Site B1	ARB1	Norway	69.5379N	25.5079E	414	
ARCESS Array Site B2	ARB2	Norway	69.5357N	25.5134E	397	
ARCESS Array Site B3	ARB3	Norway	69.5324N	25.5106E	376	
ARCESS Array Site B4	ARB4	Norway	69.5328N	25.4998E	378	
ARCESS Array Site B5	ARB5	Norway	69.5363N	25.4985E	405	
ARCESS Array Site C1	ARC1	Norway	69.5411N	25.5079E	381	
ARCESS Array Site C2	ARC2	Norway	69.5383N	25.5229E	395	
ARCESS Array Site C3	ARC3	Norway	69.5329N	25.5231E	376	
ARCESS Array Site C4	ARC4	Norway	69.5293N	25.5117E	377	
ARCESS Array Site C5	ARC5	Norway	69.5300N	25.4982E	374	
ARCESS Array Site C6	ARC6	Norway	69.5341N	25.4882E	395	
ARCESS Array Site C7	ARC7	Norway	69.5396N	25.4936E	362	
ARCESS Array Site D1	ARD1	Norway	69.5483N	25.5093E	395	
ARCESS Array Site D2	ARD2	Norway	69.5452N	25.5308E	366	
ARCESS Array Site D3	ARD3	Norway	69.5366N	25.5483E	331	
ARCESS Array Site D4	ARD4	Norway	69.5271N	25.5362E	371	
ARCESS Array Site D5	ARD5	Norway	69.5214N	25.5118E	351	
ARCESS Array Site D6	ARD6	Norway	69.5227N	25.4900E	413	
ARCESS Array Site D7	ARD7	Norway	69.5294N	25.4707E	413	
ARCESS Array Site D8	ARD8	Norway	69.5384N	25.4686E	368	
ARCESS Array Site D9	ARD9	Norway	69.5454N	25.4857E	359	
ARCESS Array Site E0	ARE0	Norway	69.5348N	25.5057E	403	
Arcevia	ARVD	Italy	43.4981N	12.9415E	461	
Arcevia	ARV	Italy	43.4977N	12.9410E	459	From 1983-06-01
Archignac	ARH	Aquitaine,France	45.0097N	1.3117E	320	
Arcidosso	ARCI	Italy	42.8519N	11.4754E	1080	From 2005-05-04
Arctowski Station	AAS	South Shetland Islands,Antarctica	62.1600S	58.4625W	15	From 1978-04-01 to 2000-06-29
Arden House	ARNY	New York,U.S.A.	41.3032N	74.1145W	430	
Ardmore	AM-OK	Oklahoma,U.S.A.	34.0478N	97.4114W	274	From 1961-12-08 to 1961-12-20

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Ardmore	AM-	Oklahoma,U.S.A.	34.0478N	97.4114W	274	From 1961-12-08 to 1961-12-20
Ardon	ARNR	Severo-Osetinskaya	43.1893N	44.2792E	428	From 2001-01-31
Areado	AREB	Brazil	21.3625S	46.1234W	982	
Arecibo	APR	Puerto Rico	18.4422S	66.7247W	50	From 1975-11-14
Arecibo Observatory	AOPR	Puerto Rico	18.3464N	66.7503W	300	
Arenal	AR1	Costa Rica	10.4586N	84.7322W	595	
Arenal	AREE	Ecuador	1.4823S	78.4213W	4005	
Arenal Observatory Lodge	AROL	Costa Rica	10.4373N	84.7092W	720	
Arenas del Rey	EXAR	Spain	36.9580N	3.8940W	927	
Arequipa	ARE	Peru	16.4621S	71.4913W	2452	
Arette	ATE	Aquitaine,France	43.0858N	0.7003W	480	From 1977-12-01
Arette	NE10	Aquitaine,France	43.0860N	0.6990W	480	From 1982-11-01 to 2001-07-28
Argentiere	OGAG	Provence-Cote d'Azur,France	44.4547N	6.5410E	1300	
Argentine Island	AIA	Antarctic Peninsula,Antarctica	65.2500S	64.2667W	11	From 2001-01-10
Arges	ARR	Romania	45.3675N	24.6336E	871	
Argonne	AO-WS	Wisconsin,U.S.A.	45.6067N	88.9503W	518	
Argonne	AO-	Wisconsin,U.S.A.	45.6067N	88.9503W	518	
Argonne North	ARNI	Idaho,U.S.A.	43.6667N	112.6240W	1553	From 1990-08-14
Argyle Ridge	ARGU	Utah,U.S.A.	39.8228N	110.5437W	2828	
Arica	ARI	Tarapaca,Chile	18.5294S	70.1769W	250	
Arida	ARD	Wakayama,Japan	34.0859N	135.1620E	40	From 1958-12-01
Arisaig	KAR1	Scotland,United Kingdom	56.9188N	5.8290W	186	From 1983-01-01
Arizona State University	ASU	Arizona,U.S.A.	33.4163N	111.9350W	354	From 1971-11-01
Arkansas Junction, Hobbs	127A	New Mexico,U.S.A.	32.6764N	103.3575W	1160	From 2008-03-16
Arkaroola	ARKL	South Australia,Australia	30.2760S	139.3390E	520	
Arkhangelos	ARG	Greece	36.2161N	28.1261E	170	From 1966-07-10
Arkhangelos	RHD	Greece	36.2161N	28.1261E	170	From 1966-07-10
Arkit	ARK	Kyrgyzstan	41.7980N	71.9630E	1280	
Arlington Trafton Elementary School	ATES	Washington,U.S.A.	48.2364N	122.0592W	62	
Armento	ARME	Italy	40.3163N	16.0321E	989	
Armidale	ARMA	New South Wales,Australia	30.4183S	151.6293E	1112	
Armutlu	ARMT	Turkey	40.5656N	28.8616E	418	
Army Corps of Engineers Seattle ANSS	ACES	Washington	47.5595N	122.3411W	55	From 2000-07-06
Arna	ARNS	Norway	60.4500N	5.4700E	30	From 2002-01-01
Arnica Sink	LASM	California,U.S.A.	41.5993N	121.5770W	2060	
Arnoeviken	ARNU	Sweden	61.6920N	17.3780E	100	From 2000-07-15
Arnold Ranch	ARN	California,U.S.A.	37.3493N	121.5327W	628	
Arnold Ranch	CAOM	California,U.S.A.	37.3493N	121.5330W	628	
Arp	ARPT	Tennessee,U.S.A.	35.7560N	89.6733W	122	
Ar Rass	ARSS	Saudi Arabia	25.8810N	43.2365E	720	
Arrayan	ARRY	Ecuador	1.5063S	78.4552W	2900	From 1994-10-29
Ar Rayn	RAYN	Saudi Arabia	23.5225N	45.5032E	631	
Ar Rifa	BRF	Bahrain	26.0733N	50.5833E		
Arriondas	EARI	Spain	43.3012N	5.2099W	680	
Arroyo Pinares	AAPN	Spain	37.3077N	4.1210W	1160	
Arroyo Seco	AASM	California,U.S.A.	38.4300N	121.1090W	65	
Arshan	ARS	Irkutskaya Oblast',Russia	51.9203N	102.4233E	970	
Arslanbob	ARSB	Kyrgyzstan	41.3240N	72.9820E	1510	
Arszuz	ARST	Turkey	36.4550N	35.9400E	35	From 1997-03-01
Arta	ART	Djibouti	11.5212N	42.8378E	710	From 1972-04-01 to 1976-12-31
Arta Grotte	AGD	Djibouti	11.5290N	42.8240E	450	From 1985-03-09
Arta Observatory	ARO	Djibouti	11.5270N	42.8462E	680	From 1972-12-01
Arta Tunnel	ATD	Djibouti	11.5300N	42.8470E	610	
Arthez-de-Bearn	ARTL	Aquitaine,France	43.4561N	0.5881W	210	
Arti	ARU	Sverdlovskaya Oblast',Russia	56.4302N	58.5625E	250	
Artvin	ARTV	Turkey	41.1849N	41.9283E	2034	From 2005-08-05
Artybash	ARTR	Altayskiy Kray	51.7980N	87.2810E	464	From 1980-07-26
Artyk	ATKR	Sakha,Russia	64.1800N	145.1333E	700	
Aruch	ARUZ	Armenia	40.2830N	44.0910E	1200	
Arusha	ARTT	Tanzania	2.7256S	36.2817E		From 1993-01-01
Arviat, NU	ARVN	Nunavut	61.0898N	94.0648W	-16	From 2006-08-14
Arvin	ARVC	California,U.S.A.	35.1272N	118.8290W	268	
Arzberg	ARSA	Austria	47.2505N	15.5232E	577	From 1997-06-20
Asagicarikuru	ASAT	Turkey	40.6936N	30.7439E	100	
Asahigawa	AHS	Shiribeshi,Japan	43.1339N	141.0460E	170	From 1974-04-20 to 1974-12-10
Asahikawa	ASA	Kamikawa,Japan	43.7700N	142.3730E	112	
Asahikawa	ASAJ	Kamikawa,Japan	44.1165N	142.5968E	220	From 1978-01-01
Asama Observatory	AVOE	Nagano,Japan	36.4011N	138.5720E	1406	From 1933-01-01
Asama Yama	ASM	Nagano,Japan	36.4000N	138.5670E		
Ascension	ASCN	Ascension	7.9327S	14.3601W	173	From 1994-10-01
Ascension Island Hydrophone Array Site 19	ASH19	Ascension	7.8250S	14.6020W	-125	
Ascension Island Hydrophone Array Site 21	ASH21	Ascension	7.9870S	14.4950W	-810	
Ascension Island Hydrophone Array Site 23	ASH23	Ascension	8.0697S	14.4175W	-841	
Ascension Island Hydrophone Array Site 24	ASH24	Ascension	8.0557S	14.4490W	-777	
Ascension Island Hydrophone Array Site 25	ASH25	Ascension	8.9465S	14.6500W	-1646	
Ascension Island Hydrophone Array Site 26	ASH26	Ascension	8.9440S	14.6180W	-1661	
Ascension Island Hydrophone Array Site 27	ASH27	Ascension	7.8530S	14.3660W	-770	
Ascension Island Hydrophone Array Site 29	ASH29	Ascension	7.9490S	14.2660W	-824	
Ascoli Pisceno	ALP	Italy	42.7803N	13.5761E	1370	From 1979-01-01
Asem Bagus	ABJI	Jawa	7.7957S	114.2342E	0	From 2007-12-01
Aserradero	ASE	Nicaragua	12.4747N	87.1903W		From 1977-02-03 to 1980-12-31
Asheville	AVNC	North Carolina,U.S.A.	35.6240N	82.5310W	943	
Ashfield	BASO	Ontario,Canada	44.0133N	81.6648W	185	From 2007-08-01
Ash Flat	AFAR	Arkansas,U.S.A.	36.1333N	91.5312W	239	
Ashford Hill	AFH	England,United Kingdom	51.3439N	1.2197W	91	
Ashibetsu	JAB	Sorachi,Japan	43.5045N	142.2232E	187	
Ashikaga	JAG	Tochigi,Japan	36.4250N	139.4533E	241	
Ashiyiah	ASHO	Oman	24.6839N	56.0583E	546	From 2004-12-01
Ashizuri	ASZ	Kochi,Japan	32.7200N	133.0133E	32	From 1962-01-01
Ashkhabad	ASH	Turkmenistan	37.9500N	58.3500E	220	
Ashland	ALO	Oregon,U.S.A.	42.2000N	122.7000W	720	
Ash Meadows, Armagosa	U10A	Nevada,U.S.A.	36.4193N	116.3297W	668	From 2006-06-17
Ashnola River, Keremeos	AO7A	British Columbia,Canada	49.0480N	120.3837W	1842	From 2006-10-14 to 2008-06-17
Ashoroboto	JAR	Kushiro,Japan	43.2968N	143.7695E	210	
Ashpeak Ranch, Duncan	119A	Arizona,U.S.A.	32.7663N	109.3029W	1406	From 2007-03-11
Ashqof	ASHJ	Jordan	32.3440N	37.6190E	1100	
Ashtabula EMA	ACEO	Ohio,U.S.A.	41.7490N	80.7680W	293	
Ashtian	ASAO	Iran	34.5480N	50.0253E	2217	From 1998-03-28
Ashton Mining of Canada property	YOSQ	Quebec	52.8666N	72.1998W	649	From 2005-06-26
Askersund	ASKU	Sweden	58.8946N	14.8288E	150	From 2002-03-25
Askoy	ASK	Norway	60.4830N	5.1950E	50	From 1983-01-01
Asmera	ASME	Eritrea	15.3500N	38.9300E	2420	From 1988-01-01
Asmuli	IASM	Iceland	63.8340N	20.6150W	22	From 1990-01-03
Aso	ASO	Kumamoto,Japan	32.8833N	131.0170E	568	From 1928-01-01 to 1999-08-25
Aso san	ASJ	Kumamoto,Japan	32.8767N	131.0750E	1143	
Aspremont	ASPF	Provence-Cote d'Azur,France	43.7682N	7.2583E	850	
Asqua	ASQU	Italy	43.7967N	11.7893E	860	From 2007-10-25
As Saff	HSAF	Egypt	29.6187N	31.5538E	446	
Assam	NGJA	Assam,India	26.7067N	91.6750E	60	
Assam	BKOA	Assam,India	25.9833N	91.2667E	50	
Assse, Remlingen/Germany	ASSE	Germany	52.1303N	10.6729E	-809	From 2007-07-01
Assisi	ASS	Italy	43.0630N	12.6517E	805	From 1983-05-01
Astolofo Dutra	ATDB	Minas Gerais,Brazil	21.2900S	42.8606W		From 1995-12-01
Astor Pass	APNR	Nevada,U.S.A.	40.2300N	119.8665W	1471	
Aswan	ASW	Egypt	24.0782N	32.8888E	132	From 1975-10-01
Atahualpa	ATAH	Peru	7.0010S	78.3950W	3270	
Atalanti	ATAL	Greece,Greece	38.6926N	23.0213E	290	From 2008-01-01
'Ataq	ATAQ	Yemen	14.5333N	46.8083E	0	
Atar	ATA	Djibouti	11.4537N	43.2052E	50	From 1972-04-01
Atar 1	ATR1	Israel	30.9700N	34.6300E	200	
Atchley Ranch, Grenville	U26A	New Mexico,U.S.A.	36.3945N	103.7439W	1861	From 2008-05-11
Athens Obs.	ATU	Greece	37.9722N	23.7167E	95	From 1892-01-01
Athens Observatory	ATH	Greece	37.9722N	23.7167E	95	From 1892-01-01
Athens University	ATHU	Greece,Greece	37.9665N	23.7845E	308	From 2008-01-20
Atibaia	VAO2	Sao Paulo,Brazil	23.2250S	46.5417W	1120	From 1993-07-01
Atico	ATI	Peru	16.1711S	73.6203W	300	
Atikokan Iron Mine	ATKO	Ontario,Canada	48.8231N	91.6004W	382	
Atka	AA-IS	Alaska,U.S.A.	52.2117N	174.2036W	6	
Atka Island	ATKA	Alaska,U.S.A.	52.2027N	174.1955W	55	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Atlanta	I12A	Idaho,U.S.A.	43.7945N	115.1328W	1849	From 2007-08-05
Atlanta	ATL	Georgia,U.S.A.	33.4333N	84.3375W	272	From 1963-06-21
Atlantic LNG	ALNG	Trinidad and Tobago	10.1814N	61.6882W		
Atluck Lake	ATLB	British Columbia	50.2184N	127.0600W	266	From 2005-04-21
Atoka	AK-OK	Oklahoma,U.S.A.	34.3683N	96.0572W	183	From 1962-06-17 to 1962-06-28
Atoka	AK	Oklahoma,U.S.A.	34.3683N	96.0572W	183	From 1962-06-17 to 1962-06-28
Atsumi	ATM	Yamagata,Japan	38.5650N	139.6620E	180	From 1968-09-15
Atsumi	JAA	Aichi,Japan	34.6317N	137.1433E	30	
Atsumi	JYA	Yamagata,Japan	38.5930N	139.7138E	200	
Attachie	ATC	British Columbia,Canada	56.2300N	121.4500W		
At Ta'if	TAIF	Saudi Arabia	21.2920N	40.3540E	1680	From 1989-02-01
Attica	ATT	New York,U.S.A.	42.8358N	78.1942W	470	From 1971-07-01 to 1976-01-16
Attu Island--Fox	FX1	Alaska,U.S.A.	52.8821N	173.1643E	250	From 1993-07-01
Attu Island--Fox	ATTU	Alaska	52.8821N	173.1643E	250	From 1993-07-01
At Turbah	TRBA	Yemen	13.2310N	44.1150E	1860	
Auburn	ABRN	New York,U.S.A.	42.9963N	76.4853W	224	
Auburn	ABN	Nebraska,U.S.A.	40.3911N	95.8506W	294	From 1977-11-18
Auburn Dam	ADC	California,U.S.A.	38.9448N	120.9680W	524	From 1972-02-01 to 1983-05-16
Auburn Hatchery	AHID	Idaho,U.S.A.	42.7654N	111.1004W	1960	
Auburntown	ABTN	Tennessee,U.S.A.	35.8855N	86.1090W	363	From 1984-01-01
Auchinoon	EAU	Scotland,United Kingdom	55.8454N	3.4474W	359	From 1969-01-01
Auckland	AUC	North Island,New Zealand	36.8600S	174.7780E	79	From 1941-04-01 to 2003-09-09
Augsburger Mountain	APM	Washington,U.S.A.	45.7361N	121.6810W	865	
Augusta	HAGA	Sicily,Italy	37.2850N	15.1550E	126	From 1994-05-01
Augusta	AG	Maine,U.S.A.	44.3728N	69.6628W	152	
Augusta	AG-ME	Maine,U.S.A.	44.3728N	69.6628W	152	
Augusta-Monte Tauro	AGST	Sicily,Italy	37.2565N	15.2271E	70	
Augustine Domo	AUD	Alaska,U.S.A.	59.3626N	153.4260W	1208	From 1994-09-06
Augustine Flow	AUF	Alaska,U.S.A.	59.3878N	153.4590W	165	From 1975-09-01
Augustine H	AUH	Alaska,U.S.A.	59.3639N	153.4430W	890	From 1978-12-01
Augustine Island	AUE	Alaska,U.S.A.	59.3590N	153.3720W	172	
Augustine Island	AU2	Alaska,U.S.A.	59.3703N	153.3780W	195	
Augustine Island	AUI	Alaska,U.S.A.	59.3352N	153.4270W	293	From 1978-04-01
Augustine Island	AGI	Alaska,U.S.A.	59.3800N	153.4200W	580	From 1971-08-01 to 1976-01-31
Augustine Lava	AUL	Alaska,U.S.A.	59.3822N	153.4350W	360	From 1980-10-29
Augustine Mound	AUM	Alaska,U.S.A.	59.3708N	153.3530W	105	From 1975-09-01
Augustine Pinnacle	AUP	Alaska,U.S.A.	59.3623N	153.4210W	1033	From 1977-09-22
Augustine-Summit	AGU	Alaska,U.S.A.	59.3600N	153.4310W	1226	From 1990-09-01
Augustine West	AUW	Alaska,U.S.A.	59.3701N	153.4710W	276	From 1986-07-01
Auke Bay	ABF	Alaska,U.S.A.	58.3813N	134.6430W	3	From 1980-10-27
Auki	AUK	Solomon Islands	8.7617S	160.7030E	91	
Aumenu	GWBC	Hessen	50.3938N	8.2696E	180	From 2001-12-04
Aurakhmat	AUR	Uzbekistan	41.5833N	70.1167E		
Auriere	AURF	Provence-Cote d'Azur,France	43.8873N	7.3275E	1040	
Aurora	AR	Wisconsin,U.S.A.	45.6967N	88.1422W	381	From 1962-06-06 to 1962-10-05
Aurora	AR-WS	Wisconsin,U.S.A.	45.6967N	88.1422W	381	From 1962-06-06 to 1962-10-05
Au Sable	ASNY	New York,U.S.A.	44.5340N	73.6740W	0	
Ausora	ASOR	Uttar Pradesh,India	28.7558N	77.7722E	0	
Aussois	OG24	Rhone-Alpes	45.2217N	6.7357E	1495	From 1993-12-17
Austin	P09A	Nevada,U.S.A.	39.5516N	117.1395W	1737	From 2006-04-14 to 2008-03-08
Austin	AT-	Nevada,U.S.A.	39.4814N	117.0739W	1981	From 1962-01-15 to 1963-07-01
Austin	AUS	Texas,U.S.A.	30.2833N	97.7833W		
Austin	ATX	Texas,U.S.A.	30.3144N	97.8667W	280	
Austin	AT-NV	Nevada,U.S.A.	39.4814N	117.0739W	1981	From 1962-01-15 to 1963-07-01
Avacha	AVH	Kamchatskaya Oblast',Russia	53.2650N	158.7380E	900	
Avellanes	AVN	Spain	41.8837N	0.7518E	630	
Averroes	AVE	Morocco	33.2981N	7.4133W	230	From 1937-06-01
Avery Point	AFT	Connecticut,U.S.A.	41.3160N	72.0639W	3	From 1972-01-07 to 1977-06-01
Avezzano	AZI	Italy	41.9884N	13.4357E		From 1987-01-01 to 1994-12-31
Avola	HAVL	Sicily,Italy	36.9600N	15.1250E	455	From 1994-05-01
Avon	AVO	New South Wales,Australia	34.3764S	150.6150E	532	From 1958-01-01
Avondale Springs	ASTN	Tennessee,U.S.A.	36.3270N	83.4760W	730	
Avonos	AVNT	Turkey	38.7794N	34.8553E	1584	From 1998-01-01
AVREN	AVR	Bulgaria	43.1196N	27.6691E	304	From 2006-10-01
Avril sur Loire	AVF	Bourgogne,France	46.7906N	3.3526E	225	From 1977-10-19
Avril sur Loire	AVFP	Bourgogne,France	46.7919N	3.3569E	200	
Awaji shima	JAJ	Hyogo,Japan	34.3357N	134.9078E	109	
Awa shima	JAW	Niigata,Japan	38.4562N	139.2487E	70	
Awoonga Dam 3	AWDQ	Queensland,Australia	24.0478S	151.3157E	110	From 1987-07-01
Ayacucho	PP07	Peru	13.0833S	74.2500W	2800	
Ayaguale	AYA	El Salvador	13.6294N	89.2894W		
Aya Nagar	AYAN	Delhi,India	28.4822N	77.1267E		From 2001-03-13
Ayaqueme	AYVM	Mexico D.F.,Mexico	19.1678N	98.9542W	2924	
Aybut	ABTO	Oman	17.3538N	53.2966E	650	From 2001-07-01
Aydincik	AYK	Turkey	36.1522N	33.3269E	50	From 1988-01-01
Ayenquera	AYE	Peru	17.0133S	71.6719W	240	
'Aynunah	AYUS	Saudi Arabia	28.1889N	35.2689E		
Ayseler	AYS	Turkey	36.8955N	31.5736E	565	From 1977-02-01
Ayvalik	AYVA	Turkey	39.3083N	26.6903E	82	From 2003-10-24
Azai	AZJ	Shiga,Japan	35.4772N	136.3239E	370	
Azarshahr	IAZR	Iran	37.6783N	45.9800E	1620	From 1995-08-01
Azuc	AZUC	Colombia	3.6940N	76.1360W	3680	
Azucar	AZ1C	Colombia	3.7310N	76.1118W	3980	
Azuela	AZU1	Ecuador	0.0825S	77.5905W	1766	From 2003-04-22
Azuro	AZU	Panama	7.7917N	80.2740W	14	
Ba @ 14rda @ 14	BRDA	Azerbaijan	40.2630N	47.1790E	103	From 2003-08-01
Babate	BBTS	Senegal	14.6613N	16.5332W	0	
Babushkin	BTMB	Buryatiya,Russia	51.7000N	105.8320E	550	From 1999-03-01
Bacau	BAC	Romania	46.5667N	26.9000E	167	From 1942-12-25
Baccarat	BACF	Lorraine,France	48.4440N	6.7390E	316	
Bac-Giang	BGV	Vietnam	21.2941N	106.2290E	15	From 1967-04-01
Bachelor Mtn.	BACC	California,U.S.A.	33.6122N	117.0406W	551	
Backbrunna	BACU	Sweden	59.8540N	17.1078E	100	From 2001-12-12
Bacolet	BOT	Trinidad and Tobago	11.1667N	60.7179W	30	
Bacon Ridge	BCRT	Tennessee,U.S.A.	35.7660N	84.5760W	409	
Baconsthorpe	ABA1	England,United Kingdom	52.8884N	1.1453E	74	From 1982-01-01
Badajoz	EXBA	Spain	38.8790N	6.9700W	185	
Badajoz	EBAD	Spain	38.7556N	7.0133W	221	
Badegauja	BADN	Nepal	28.7330N	81.1670E	1556	
Bademkaya	DBAD	Turkey	41.0183N	41.6947E	1139	From 2007-09-26
Badger Mountain	BDG	Washington,U.S.A.	46.2347N	119.3170W	475	From 1969-03-01
Badiali	BADI	Italy	43.5097N	12.2443E	430	From 2004-07-30
Badran	BDRN	Syria	33.3408N	36.3095E	965	From 1994-12-01
Bad Reichenhall	BHG	Bayern,Germany	47.7214N	12.8789E	475	From 1972-03-01
Bad Segeberg	BSEG	Schleswig-Holstein,Germany	53.9353N	10.3169E	40	
Bad Urach	BUCH	Baden-Wuerttemberg,Germany	48.4496N	9.3529E	785	From 2002-01-01
Baengnyeongdo	KSBRD	South Korea	37.9677N	124.6303E	169	From 2001-11-06
Baffin Island 1	B1NU	Canada	68.4619N	71.5880W	181	
Baffin Island 2	B2NU	Canada	68.9216N	73.1966W	157	
Bafgh	IBAF	Iran	31.5902N	55.5673E	1420	From 1998-10-01
Baghdad	BHD	Iraq	33.2700N	44.3800E	32	From 1979-01-01
Bagneres-Bigorre	BDB	Midi-Pyrenees,France	43.0650N	0.1483E	561	From 1960-01-01 to 1970-12-31
Bagni Di Lucca	BDI	Italy	44.0625N	10.5969E	830	From 1983-10-01
Bagra	BGP	Pakistan	33.9742N	73.0682E	777	
Baguashan	BGSB	Taiwan region	24.0570N	120.6106E	0	
Baguio	BAF*	Luzon,Philippines	16.4167N	120.6000E	1500	From 1972-01-01
Baguio City	BAG	Luzon,Philippines	16.4108N	120.5800E	1507	From 1909-01-01
Baguio City	BCP	Luzon,Philippines	16.4180N	120.6100E	1500	
Baguio City Dairy Farm	BCPH	Luzon,Philippines	16.3810N	120.5810E	1500	
Baguio Weather Station	BWP	Luzon,Philippines	16.4047N	120.6022E		
Bahadurgarh	BHGR	Haryana,India	28.6877N	76.9388E	0	
Bahia de Los Angeles	LAX	Baja California,Mexico	28.9467N	113.5670W	50	From 1971-12-31
Bahia Malaga	MALC	Colombia	4.0136N	77.3353W	50	
Bahia Solano	SOLC	Colombia	6.3700N	77.4576W	51	From 1994-01-01
Bahrah	BHRA	Saudi Arabia	21.4440N	39.9680E		From 1995-01-01 to 1999-08-25
Bahrah	BARA	Saudi Arabia	21.4400N	39.4710E	250	From 1995-04-01
Bahraich	BRCI	Uttar Pradesh,India	27.5667N	81.5833E	123	
Baia Mare	BMR	Romania	47.6736N	23.4960E	294	From 1979-01-01
Baidarnaya	BDR	Kamchatskaya Oblast'	56.5680N	161.2080E	936	From 2005-10-08

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Baie Comeau	CNQ	Quebec,Canada	49.3022N 68.0744W	200	From 1991-01-07
Baie du Lac Sali	BLSD	Djibouti	11.5908N 42.5178E	100	From 1987-01-01
Baie-St-Paul	BSQP	Quebec	47.4400N 70.5100W	0	From 1979-05-24
Baijiatou	BJT	Beijing,China	40.0183N 116.1680E	197	From 1995-01-01
Baifadores	BLV	Venezuela	8.1908N 71.8256W	1110	From 1969-08-01 to 1970-09-29
Bailey Peak	BAP	Utah,U.S.A.	38.5264N 112.7950W	2387	
Bainbridge School	BABE	Washington,U.S.A.	47.6058N 122.5353W	83	
Bains de Bromines	BROM	Rhone-Alpes	45.9450N 6.0668E	535	From 1997-02-19
Baives	BAIF	Nord-Pas-de-Calais,France	50.0592N 4.2078E	215	From 1996-04-03
Bajamar	EBAJ	Spain	28.5399N 16.3434W	239	
Bajina Basta - Lazici	BBSL	Serbia,Serbia and Montenegro	43.8680N 19.4100E		
Bajram Curri	BCI	Albania	42.3666N 20.0675E	500	
Bakacak	BKT	Turkey	40.1420N 29.1360E	1734	From 1978-09-01 to 1980-12-31
Bakel	BKL	Senegal	14.9024N 12.4648W	30	From 1976-11-01
Baker	BKRC	California,U.S.A.	35.2693N 116.0703W	275	
Baker Lake	BLC	Northwest Territories,Canada	64.3167N 96.0167W	16	From 1965-07-26
Baker Lake, Hudson Bay	YBKN	Nunavut	64.3185N 96.0026W	25	From 2006-08-27
Bakersfield	BF-CL	California,U.S.A.	35.6481N 118.8575W	567	
Bakersfield	BF-	California,U.S.A.	35.6481N 118.8575W	567	
Baki	BAK	Azerbaijan	40.3720N 49.8180E	83	From 1903-01-01
Bakonya	RHK1	Hungary	46.0948N 18.0720E	297	
Bakuriani	BKR	Georgia	41.7337N 43.5032E	1798	From 1955-01-01
Bala	BALAT	Turkey	39.5562N 33.1198E	1288	From 2007-12-21
Bala	BBAL	Turkey	39.5427N 33.1230E	1312	From 2008-03-05
Balboa Heights	BHP	Panama	8.9608N 79.5581W	36	From 1914-01-01 to 1977-03-31
Balcom Canyon	BALC	California,U.S.A.	34.3076N 118.9671W	258	
Balcova	BLCB	Turkey	38.3853N 27.0420E	150	From 2004-10-05
Bald Eagle	BED	District of Columbia,U.S.A.	38.8200N 77.0089W		
Bald Hill	BLH	Washington,U.S.A.	47.8368N 122.0320W	198	
Bald Knob	BK-	Arkansas,U.S.A.	35.3567N 91.6450W	122	From 1962-07-06 to 1963-04-10
Bald Knob	BK-AR	Arkansas,U.S.A.	35.3567N 91.6450W	122	From 1962-07-06 to 1963-04-10
Bald Mountain Lookout	CBLG	California,U.S.A.	37.7715N 118.8980W	2560	From 1984-01-01
Bald Peter	BPO	Oregon,U.S.A.	44.6519N 121.6890W	1957	From 1987-09-01
Bald Peter	VBPM	Oregon,U.S.A.	44.6610N 121.6890W	1876	
Baldwin	BA-WS	Wisconsin,U.S.A.	44.8994N 92.2722W	335	From 1962-10-11 to 1962-10-27
Baldwin	BA-	Wisconsin,U.S.A.	44.8994N 92.2722W	335	From 1962-10-11 to 1962-10-27
Baldy	BALM	Alaska,U.S.A.	61.0362N 142.3450W	1300	From 1973-08-24
Baldy Mountain	BALA	Alaska,U.S.A.	55.1937N 162.7857W	329	From 1996-07-01
Baldy Mountain	GBMM	California,U.S.A.	39.1418N 122.4940W	975	
Baleine	SVL	St Vincent,Saint Vincent and the Grenadines	13.3680N 61.2040W	91	
Baler	BALP	Luzon,Philippines	15.7410N 121.5760E	50	
Balikesir	BALB	Turkey	39.6400N 27.8800E	120	
Balikpapan	BKB2	Kalimantan,Indonesia	1.2605S 116.8960E		
Balikpapan	BKB	Kalimantan,Indonesia	1.2605S 116.8963E	0	
Baljurashi	BLJS	Saudi Arabia	19.9571N 41.6051E	2239	
Baljuvan	BLD	Tajikistan	38.3000N 69.6600E		
Ballabur	BAU	Azerbaijan	38.7100N 48.7800E	70	From 1984-01-01
Ballarat	BRAT	Victoria,Australia	37.5500S 143.9310E	9	
Ballidu	BLDU	Western Australia,Australia	30.6147S 116.7091E	280	
Ballidu	BAL	Western Australia,Australia	30.6065S 116.7072E	300	From 1982-08-27
Ballon Servance	BSF	Frache Comte,France	47.8319N 6.7922E	1200	
Balmorhea	BM-	Texas,U.S.A.	30.9264N 103.8550W	1067	From 1962-01-20 to 1962-02-15
Balmorhea	BM-TX	Texas,U.S.A.	30.9264N 103.8550W	1067	From 1962-01-20 to 1962-02-15
Balmorhea Ranch, Pecos	327A	Texas,U.S.A.	31.3691N 103.4923W	784	From 2008-03-20
Balsthal	BALST	Switzerland	47.3358N 7.6950E	910	
Baltah	BLIT	Tunisia	36.7130N 8.9528E	225	
Baltimore	BLVT	Vermont,U.S.A.	43.3488N 72.5853W	300	
Balya	BALY	Turkey	39.7403N 27.6195E	645	From 2007-05-24
Bamboo Saint Ann	BBJ	Jamaica	18.3830N 77.2670W	641	From 1977-02-14
Bambui	BNC	Cameroon	6.0160N 10.2800E	1890	From 1987-02-17
Banah	BANOM	Oman	25.9233N 56.2996E	504	From 2004-12-01
Banawang	BNP	Luzon,Philippines	14.6188N 120.4140E	71	
Bancas Point	BCPM	Alaska,U.S.A.	59.9533N 139.6350W	396	From 1979-07-07
Bancroft	BANO	Ontario,Canada	45.0198N 77.9280W	360	
Banda Aceh	BSI	Sumatera,Indonesia	5.4964N 95.2961E	192	
Bandar-Abbas	BNDS	Iran	27.3993N 56.1713E	1500	From 2004-05-13
Bandar Lampung	BLSI	Sumatera	5.3676S 105.2452E	147	From 2005-01-01
Bandirma	BNT	Turkey	40.3561N 27.9200E	354	From 1984-01-01
Bandung	BND	Jawa,Indonesia	6.9000S 107.6500E	726	
Banff	BAN	Alberta,Canada	51.1717N 115.5580W	1500	From 1956-08-01 to 1966-09-22
Bangkinang	BKNI	Sumatera	0.3500N 101.0330E	0	From 2008-01-01
Bangor	BG-	Maine,U.S.A.	44.6344N 69.2214W	183	From 1961-11-04 to 1962-07-01
Bangor	BG-ME	Maine,U.S.A.	44.6344N 69.2214W	183	From 1961-11-04 to 1962-07-01
Bangor (NY)	BGR	New York,U.S.A.	44.8288N 74.3742W	297	From 1976-11-01
Bangui	BNG	Central African Republic	4.4350N 18.5467E	378	
Bangui	BCAO	Central African Republic	4.4333N 18.5353E	336	From 1979-05-31 to 1999-08-25
BANI	BANI	Dominican Republic	18.3923N 70.3582W	1038	From 1996-06-01
Bani@18 Suwayf	HBNS	Egypt	28.9517N 31.2126E	201	
Banja Luka	BLY	Bosnia-Herzegovina	44.7488N 17.1839E	256	From 1975-05-01
Banjamegara	BJJI	Jawa	7.3329S 109.7096E	629	From 2000-01-01
Banjar Baru	BBKI	Kalimantan	3.4625S 114.8411E	110	From 2005-01-01
Banloc	BANR	Romania	45.3825N 21.1355E	80	
Bannalp	BNALP	Switzerland	46.8706N 8.4250E	860	From 1998-12-01
Bannockburn	BANM	Victoria,Australia	38.0515S 144.2498E	200	
Banos Encina	EBAN	Spain	38.1643N 3.7857W	460	From 1986-11-01
Banyuglugur	BLJI	Jawa	7.7450S 113.5950E	0	From 2007-12-01
Banyuwangi	BYJI	Jawa	8.2140S 114.3557E	0	From 2007-12-01
Baotou	PAO	Nei Monggol Zizhiqu,China	40.6056N 110.0208E	1114	
Baotou	BTO	Nei Monggol Zizhiqu,China	40.6056N 110.0208E	1114	
Baptist College of Charleston	BCS	South Carolina,U.S.A.	32.9797N 80.0653W	9	From 1976-03-31
Baranello	BAI2	Italy	41.5092N 14.5531E	745	
Barangay Tapao	SIPH	Philippines	17.8917N 120.4580E	33	From 2005-10-19
Barbacena	BARB	Minas Gerais,Brazil	21.2210S 43.8005W	1030	
Barbados	BDS	Barbados	13.1460N 59.6260W	110	From 1969-07-30
Barbados	BRB	Barbados	13.1220N 59.6060W	55	From 1955-06-30 to 1969-07-25
Barbar	BRBR	Syria	33.4113N 35.9508E	1834	From 1994-12-01
Barber's Block	BBL	Dominica	15.5262N 61.4700W	365	From 1978-11-21
Barbuda	BWI	Barbuda,Antigua and Barbuda	17.6650N 61.7900W	30	From 1977-01-01
Barcelona	BARV	Venezuela	9.9839N 70.7456W	615	
Bardonecchia	BNI	Italy	45.0522N 6.6786E	1410	
Bare Mountain	BRO	Nevada,U.S.A.	36.7628N 116.6250W	920	From 1978-11-28
Bare Point	BPCB	British Columbia,Canada	48.9236N 123.7045W	31	From 2008-03-19
Bar Giyyora	BGIO	Israel	31.7221N 35.0878E	760	From 1986-08-11
Barguzin	BGZ	Buryatiya,Russia	53.6167N 109.6167E		
Barham	BHM	England,United Kingdom	51.2128N 1.1742E	100	
Bari	BAI	Italy	41.1070N 16.8790E	15	
Bari	BAI*	Italy	41.1200N 16.8667E	0	
Bariadhala	BRDH	Bangladesh	22.6800N 91.6506E	0	
Bari-Castellana	BRT	Italy	40.8778N 17.2036E	333	From 1978-01-01
Barichara	BARC	Colombia	6.6434N 73.1764W	1859	
Barinas	BRIV	Venezuela	8.6170N 70.4510W	0	
Baring Head	BHW	North Island,New Zealand	41.4092S 174.8710E	10	From 1975-11-27
Barisakho	BROG	Georgia	42.4500N 44.9300E	1250	
Barisano	BRSN	Italy	44.2841N 12.0769E	20	
Barje	BARS	Serbia,Serbia and Montenegro	42.8200N 21.8250E		
Barley Canyon	BRC	New Mexico,U.S.A.	35.8903N 106.7110W	2261	From 1976-06-01 to 1999-08-25
Barnard House	BHS	St Vincent,Saint Vincent and the Grenadines	13.2963N 61.1272W	90	
Barnechea	BACH	Santiago,Chile	33.3528S 70.4917W	820	
Barney Top	BTU	Utah,U.S.A.	37.7557N 111.8743W	3235	
Baronissi	BSS	Italy	40.7906N 14.8061E	205	
Barrage Abdel Moumen	BAM	Morocco	30.6661N 9.1661W		
Barrage El Makhazine	BMK	Morocco	34.9410N 5.8430W	166	From 1979-06-01 to 2001-10-26
Barrage Ibn Batouta	BBT	Morocco	35.6480N 5.7290W	60	From 1981-01-01
Barrage Mansour Eddahbi	BME	Morocco	30.9156N 6.7603W	1078	From 1975-03-01
Barrage Mohamed Ben Abdellah	BMB	Morocco	33.9422N 6.7511W	40	From 1978-01-01
Barrage Mohammed V	BMKM	Morocco	34.6590N 2.9340W	274	
Barra Mansa	BMA	Rio de Janeiro,Brazil	22.6950S 44.1536W	595	
Barranco	PFBV	Portugal	37.2715N 7.9808W	573	From 1996-01-01
Barranco-do-Velho	PBDV	Portugal	37.2430N 7.9312W	468	From 2007-01-08

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Barrancos	PBAR	Portugal	38.1750N 7.0390W	205	
Barreal	RTBS	San Juan,Argentina	31.6614S 69.4531W		From 2007-01-01
Barren Site	BNM	New Mexico,U.S.A.	34.1502N 106.6280W	2121	
Barre Substation	BREC	California,U.S.A.	33.8077N 117.9812W	24	
Barrett	BAR	California,U.S.A.	32.6801N 116.6721W	496	From 1952-01-17
Barrette	BAH	Hawaii,U.S.A.	21.3397N 158.0770W		From 1970-01-01 to 1999-08-25
Barrier Glacier	BGL	Alaska,U.S.A.	61.2635N 152.3910W	1173	From 1989-01-01
Barrier Glacier Two	BGRM	Alaska,U.S.A.	60.7575N 152.4180W	985	From 1991-07-01
Barrio Florida	PWP	Puerto Rico	18.1350N 65.4450W	10	From 1975-03-01 to 1978-03-13
Barrow	BRV	Alaska,U.S.A.	71.2742N 156.7850W	15	
Barrow	BRW	Alaska,U.S.A.	71.3033N 156.7480W		From 1965-01-01
Barry Inlet	NMB	British Columbia,Canada	52.5758N 131.7520W	765	From 1985-09-01
Barry Ridge	KBRM	California,U.S.A.	40.7298N 123.9560W	853	
Barter Island	BI4	Alaska,U.S.A.	69.5202N 142.9800W	745	From 1975-09-01 to 1999-08-25
Barter Island	BI1	Alaska,U.S.A.	70.1318N 143.6420W	10	From 1975-09-01 to 1999-08-25
Barter Island	BI3	Alaska,U.S.A.	69.5967N 144.3710W	690	From 1975-09-01 to 1978-08-14
Barter Island	BI2	Alaska,U.S.A.	69.6233N 145.8950W	1100	From 1975-09-01 to 1999-08-25
Barton Gulch	BGMT	Montana,U.S.A.	45.2333N 112.0400W	2172	
Baru	BRU	Panama	8.8068N 82.5608W	3425	
Basata	HBST	Egypt	29.2166N 34.7327E	234	
Basco	BBP	Batan Islands,Philippines	20.4411N 121.9640E	40	
Basco	BAP*	Batan Islands,Philippines	20.4622N 121.9695E	10	
Base Esperanza	ESPZ	Antarctic Peninsula,Antarctica	63.3981S 56.9964W	31	
Basel-Blauen	BBS	Switzerland,Germany	47.4644N 7.5092E	700	From 1974-06-01
Basin Creek	BCM	Montana,U.S.A.	45.8355N 112.5150W	1975	From 1980-11-12 to 1981-10-10
Basking Ridge	BRNJ	New Jersey,U.S.A.	40.6828N 74.5660W	50	
Basle	BAS	Switzerland	47.5400N 7.5817E	309	From 1934-01-01 to 1978-12-31
Basra	BSR	Iraq	30.6000N 47.8000E		
Basse Terre	BTG	Guadeloupe	15.9902N 61.7192W	42	From 1976-01-01
Bassett Ranch	PBRM	California,U.S.A.	35.5485N 121.0090W	85	
Bass Mountain	LBMM	California,U.S.A.	40.7328N 122.3658W	841	
Bassoo Peak	BSMT	Montana,U.S.A.	47.8513N 114.7870W	1950	
Bata	RHK2	Hungary	46.1270N 18.7799E	147	
Batagay	BTGS	Sakha,Russia	67.6510N 134.6400E	110	
Batakyourt	BTKR	Severo-Osetinskaya	43.3722N 44.5422E	597	From 2005-12-01
Bataraza	BATP	Palawan,Philippines	8.7970N 117.8010E	54	
Bat Cave Butte	BATC	California,U.S.A.	33.4590N 115.8410W	-18	
Batelco	BTP	Luzon,Philippines	14.6909N 120.5150E	32	
Bates	BT-OR	Oregon,U.S.A.	44.6244N 118.7711W	1372	
Bates	BT-	Oregon,U.S.A.	44.6244N 118.7711W	1372	
Bates Ranch, Gandy	P13A	Utah,U.S.A.	39.4550N 114.0156W	1555	From 2007-03-01
Bath County 1	BV1	Virginia,U.S.A.	38.1781N 79.6611W	768	From 1978-08-01
Bath County 2	BV2	Virginia,U.S.A.	38.1367N 79.9194W	610	From 1978-08-01
Bath County 3	BV3	Virginia,U.S.A.	38.2383N 79.7667W	750	From 1978-08-01
Bath County 4	BV4	Virginia,U.S.A.	38.3572N 79.8278W	814	From 1978-08-01
Bath Hotel, Nevis	NVBH	Nevis,Saint Kitts and Nevis	17.1169N 62.6168W	15	From 2002-05-02
Bathurst New Brunswick	BATG	New Brunswick	47.2767N 66.0599W	336	From 2005-10-22
Batken	BTK	Kyrgyzstan	40.0580N 70.8180E	1020	
Batman	BTMT	Turkey	38.1923N 41.4888E	854	
Batoke	BTE	Cameroon	4.0481N 9.0869E	90	From 1985-03-01
Batrach	BTCH	Syria	36.0375N 36.4592E	803	From 1995-04-01
Bat Shelomo	BTI	Israel	32.6140N 35.0160E	300	
Battle Mountain	BMN	Nevada,U.S.A.	40.4315N 117.2218W	1594	From 1969-09-02
Baubata	PGBAU	New Britain	5.3674S 151.0334E	251	
Bau Bau	BBSI	Buton	5.4875S 122.5704E	104	From 2005-01-01
Baumata	BWTI	Timor,Indonesia	10.2000S 123.7000E		
Bautismo	BAUT	Venezuela	10.5655N 66.4820W	1976	From 1984-01-01 to 1999-08-25
Ba Vi	BVV	Vietnam	21.1022N 105.3687E	182	
Bavra	BAW	Armenia	41.1200N 43.8000E	2160	From 1977-01-01
Bawean	BWJI	Bawean	5.8511S 112.6578E	58	From 2005-01-01
Baw Faw Mountain	BFW	Washington,U.S.A.	46.4867N 123.2150W	902	From 1972-10-25
Bayana	BAYN	Nepal	29.4700N 81.2000E	3050	From 1995-01-01
Bayan-Aul	BAYK	Kazakhstan	50.8200N 75.5500E	0	
Bayanday	BAY	Irkutskaya Oblast',Russia	53.0667N 105.5170E		
Bayano	BYN	Panama	9.1910N 78.8750W	120	
Bayan-Olgij	BYO	Mongolia	48.9600N 89.9600E	2075	
Bay Bridge East	BBEB	California,U.S.A.	37.8216N 122.3298W	-30	
Bay Bridge East Pier 17	E17B	California,U.S.A.	37.8209N 122.3353W	-164	
Bay Bridge East Pier 7	E07B	California,U.S.A.	37.8185N 122.3469W	-142	
Bay Bridge West Pier 2	W02B	California,U.S.A.	37.7911N 122.3863W	-45	
Bay Bridge West Pier 5	W05B	California,U.S.A.	37.8011N 122.3758W	0	
Bayer	BYRJ	Jordan	30.6400N 36.5000E	1030	
Baylor University	BUTX	Texas,U.S.A.	31.6917N 97.3483W	183	From 1992-11-01
Bayram-Ali	BAT	Turkmenistan	37.6000N 62.1167E		
Baytree	DCA2	Alberta,Canada	55.7916N 119.8877W	819	
Baza	EXBZ	Spain	37.4900N 2.7750W	881	
BB Station	BBSR	Bermuda	32.3712N 64.6962W	-25	
Beach Ranch, Enterprise	F10A	Oregon,U.S.A.	45.9734N 117.2277W	1136	From 2006-08-23
Beaesweiler	BA12	Nordrhein-Westfalen	50.9091N 6.1863E	116	From 2006-10-01
Bean Ranch, Sierra Blanca	325A	Texas,U.S.A.	31.3711N 104.9712W	1666	From 2008-02-25
Bear Butte	KBBM	California,U.S.A.	40.1970N 123.8500W	576	
Bear Canyon	BCU	Utah,U.S.A.	39.5983N 110.3710W	2438	From 1962-01-01 to 1977-03-31
Bear Canyon	BCYI	Idaho,U.S.A.	44.3108N 113.4050W	2194	From 1992-01-01
Bear Creek CC	BCCC	California,U.S.A.	33.5751N 117.2612W	391	
Bear Creek Road	JBCM	California,U.S.A.	37.1603N 122.0260W	660	From 1969-05-21
Bear Creek Road	LT15	California,U.S.A.	37.1603N 122.0260W	660	From 1969-05-21
Beardsley Farm, Havre	B18A	Montana,U.S.A.	48.3943N 109.7775W	950	From 2007-11-14
Bear Gulch	JBGM	California,U.S.A.	37.3420N 122.3390W	158	From 1971-11-02
Bear Gulch	BGH	California,U.S.A.	37.3420N 122.3390W	158	From 1971-11-02
Bear Mountain	BMTC	California,U.S.A.	35.1358N 118.5970W	1237	From 1976-08-01 to 2008-02-22
Bear Mountains	BMNM	New Mexico,U.S.A.	34.2750N 107.2600W	1972	
Bear Paw Mtn.	BPAW	Alaska,U.S.A.	64.1002N 150.9848W	619	
Bear River Range	BEI	Idaho,U.S.A.	42.1167N 111.7820W	1859	From 1974-10-01
Bear Valley	BVL	California,U.S.A.	36.5752N 121.1890W	510	From 1970-09-03
Bear Valley	BVLM	California,U.S.A.	36.5752N 121.1890W	510	From 1970-09-03
Bear Valley Observatory	BVC	California,U.S.A.	38.0397N 122.7930W	30	
Beatrice	BENE	Nebraska,U.S.A.	40.2167N 96.6025W	396	
Beatty	BEA	Nevada,U.S.A.	36.8833N 116.7670W		From 1972-01-01 to 1973-04-30
Beatty	BTY	Nevada,U.S.A.	36.8833N 116.7670W	1183	From 1971-01-01 to 1973-04-30
Beaufort West	BEW	Cape Province,South Africa	32.3565S 22.5730E	870	From 1993-04-01 to 2001-03-03
Beaumont Base	BBSC	California,U.S.A.	33.9214N 116.9806W	785	
Beaver	BVR	Pennsylvania,U.S.A.	40.7000N 80.3333W		
Beaver Butte	VBEM	Oregon,U.S.A.	45.0603N 121.5870W	1544	
Beaver Creek Array Beam Reference Point	BCAR	Alaska,U.S.A.	63.0656N 141.7851W	846	
Beaver Creek Array Site 1	BC01	Alaska,U.S.A.	63.0619N 141.8279W	746	
Beaver Creek Array Site 2	BC02	Alaska,U.S.A.	63.0440N 141.8021W	563	
Beaver Creek Array Site 3	BCA3	Alaska,U.S.A.	63.0656N 141.7851W	846	From 1993-07-01
Beaver Creek Array Site 4	BC04	Alaska,U.S.A.	63.0809N 141.7684W	790	
Beaver Creek Array Site 5	BC05	Alaska,U.S.A.	63.0610N 141.7534W	908	
Beaver Dam Saddle, Pierce	E12A	Idaho,U.S.A.	46.4151N 115.5705W	1555	From 2007-08-23
Beaver Lake	BVK	Utah,U.S.A.	38.5464N 113.1050W	1707	
Beaver Lake Mountains	BKU	Utah,U.S.A.	38.5352N 113.1270W	1859	From 1980-12-01 to 1988-09-29
Beaver Mountain	BEAW	Wyoming,U.S.A.	43.2509N 110.6130W	2960	From 1990-09-01
Becerrea'	EXBE	Spain	42.8530N 7.1590W	675	
Bechler	YPBE	Wyoming,U.S.A.	44.1495N 111.0390W	1966	
Becho	BCHG	Georgia	43.0332N 42.5784E	1345	From 1983-01-01
Beckley	BL	West Virginia,U.S.A.	37.7989N 81.3100W	610	From 1961-12-13 to 1965-07-23
Beckley	BL-WV	West Virginia,U.S.A.	37.7989N 81.3100W	610	From 1961-12-13 to 1965-07-23
Beckwourth	BEKR	California,U.S.A.	39.8667N 120.3586W	1743	
Beclabito	T19A	New Mexico,U.S.A.	36.8299N 109.0249W	1736	From 2007-06-22
Becsehely	BEHE	Hungary	46.4702N 16.7755E	298	From 2005-03-26
Bedford	BD-PA	Pennsylvania,U.S.A.	40.1333N 78.5078W	366	From 1962-12-22 to 1963-03-21
Bedford	BD-	Pennsylvania,U.S.A.	40.1333N 78.5078W	366	From 1962-12-22 to 1963-03-21
Bedland, Calhan	Q25A	Colorado,U.S.A.	38.9145N 104.2472W	2001	From 2008-06-08
Beebe Ranch	NBRM	California,U.S.A.	38.2608N 122.5500W	137	From 1970-08-14
Beebe Ranch	BBR	California,U.S.A.	38.2608N 122.5500W	137	From 1970-08-14
Beegum Peak	LBPM	California,U.S.A.	40.3183N 122.8810W	1051	
Beenleigh	BEEN	Queensland,Australia	27.7276S 153.1980E	130	
Beibei	PEH	Sichuan,China	29.8367N 106.4180E	213	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Beijing	PEK	Beijing,China	40.0403N 116.1750E	43	
Beijing	BJJ2	Beijing,China	40.1017N 116.0820E		
Beijing	BJJ	Beijing,China	40.0403N 116.1750E	43	From 1977-03-01 to 1977-06-30
Beja	PBEJ	Portugal	38.0264N 7.8664W	270	From 1995-06-01
Bekescsaba	BKE	Hungary	46.6125N 17.8930E	95	From 1987-01-01 to 1984-12-31
Belacker	BAF	Alsace,France	47.8347N 6.9953E	1000	From 1974-10-01
Belbasi	BBTK	Turkey	39.8422N 32.7603E	1200	From 1986-01-01
Belbasi Array Beam Reference Point	BRAR	Turkey	39.8535N 32.7608E	1243	
Belbasi Array Site 1	BR01	Turkey	39.8417N 32.7601E	1286	
Belbasi Array Site 2	BR02	Turkey	39.8488N 32.7654E	1270	
Belbasi Array Site 3	BR03	Turkey	39.8334N 32.7656E	1259	
Belbasi Array Site 31	BR31	Turkey	39.8535N 32.7608E	1243	
Belbasi Array Site 4	BR04	Turkey	39.8409N 32.7413E	1265	
Belbasi Array Site 5	BR05	Turkey	39.8481N 32.7469E	1265	
Belbasi Array Site 6	BR06	Turkey	39.8533N 32.7483E	1210	
Belbasi Site	BR00	Turkey	39.8535N 32.7608E	1243	
Belchertown	QUA2	Massachusetts,U.S.A.	42.2789N 72.3525W	168	
Belem	BEB	Para,Brazil	1.4500S 48.4450W	15	From 1987-01-01
Belen	BLNT	Turkey	36.4880N 36.1880E	555	From 1997-03-01
Belfast (SA)	BFT	Transvaal,South Africa	25.6867S 30.0433E	1868	From 1986-01-01
Belfond	SLB	St Lucia	13.8275N 61.0412W	600	
Belgrade	BGY	Serbia,Serbia and Montenegro	44.8026N 20.5158E	250	From 1990-01-01
Belgrade	BEO	Serbia,Serbia and Montenegro	44.8214N 20.4553E	129	
Belica	BELI	Former Yugoslav Rep. of Macedonia	41.6828N 21.2739E	523	From 2004-01-01
Bella Bella	BBB	British Columbia,Canada	52.1847N 128.1130W	14	From 1986-12-05
Bellamira	BLLM	El Salvador	13.4425N 88.2378W	642	
Belle Mtn.	BELC	California,U.S.A.	34.0006N 115.9982W	1388	
Belle Prairie	BPIL	Illinois,U.S.A.	38.2019N 88.5919W	133	
Belleterre	BELQ	Quebec,Canada	47.3980N 78.6874W	355	From 2007-08-22
Belleview	BE-FL	Florida,U.S.A.	28.9053N 82.0644W	21	From 1965-10-07 to 1967-01-16
Belleview	BE-VA	Florida,U.S.A.	28.9053N 82.0644W	21	From 1965-10-07 to 1967-01-16
Belle View Chopil	DBCT	Dominica	15.2707N 61.3456W	527	From 1989-12-01
Belleville	BV-PA	Pennsylvania,U.S.A.	40.6844N 77.6233W	244	From 1962-11-08 to 1962-12-12
Belleville	BVIL	Illinois,U.S.A.	38.5136N 89.9240W	162	
Belleville	BV-	Pennsylvania,U.S.A.	40.6844N 77.6233W	244	From 1962-11-08 to 1962-12-12
Bellevue	BVM	Martinique	14.7350N 61.0630W	694	From 1972-05-01
Bellevue State Park	BVD	Delaware,U.S.A.	39.7747N 75.4994W	58	From 1985-02-01
Bellfield	BFD	Victoria,Australia	37.1761S 142.5440E	235	From 1972-10-16 to 2006-05-29
Bellingham	BLL	Washington,U.S.A.	48.7389N 122.4850W	96	From 1961-12-01 to 1969-12-31
Bell Mountain	BLM*	Nevada,U.S.A.	39.1536N 118.0917W	1951	From 1972-01-13 to 1975-07-31
Bell Site, White Sands Missile Range	123A	New Mexico,U.S.A.	32.6349N 106.2622W	1206	From 2008-05-14
Bell Springs	KBSM	California,U.S.A.	39.9178N 123.5950W	1134	
Bellville	BLE	Cape Province,South Africa	33.9000S 18.6450E	78	
Belmont	SVB	St Vincent,Saint Vincent and the Grenadines	13.2720N 61.2520W	282	From 1978-06-06
Belogorka	BGK	Kyrgyzstan	42.6250N 74.2360E	1450	
Belogorka 2	BGK2	Kyrgyzstan	42.6451N 74.2274E	1640	
Belsk	BEL	Poland	51.8370N 20.7920E	180	From 1965-11-03
Belted Range	BLT	Nevada,U.S.A.	37.4825N 116.1260W	1882	From 1979-05-30 to 2002-10-10
Beluga	BLGA	Alaska,U.S.A.	61.1765N 151.0313W	20	
Belvue	BEK	Kansas,U.S.A.	39.2632N 96.1997W	349	From 1977-09-15 to 2001-07-15
Belyy Ugol+	BEYR	Russia	44.0120N 42.8170E	660	
Belyy Yar	BYAR	Severo-Osetinskaya,Russia	61.4167N 73.4000E	91	
Bemidji	BEM	Minnesota,U.S.A.	47.4889N 94.8683W	426	From 1981-07-07
Bench	BEH	Alaska,U.S.A.	66.0150N 149.8120W		From 1985-03-01
Bend	CKT	Alaska,U.S.A.	61.2008N 152.2060W	1036	From 1992-09-17
Bend	BEND	Oregon,U.S.A.	44.0669N 121.3267W	1141	
Bend	105A	Oregon,U.S.A.	44.1626N 121.2675W	1011	From 2004-07-21 to 2008-01-30
Benevento	BNV	Italy	41.1333N 14.3000E	154	
Bengkulu	BGI	Sumatera,Indonesia	3.6500S 102.5670E		
Beni-Abbes	BAB	Algeria	30.1214N 2.1861W		
Beniarda	EBEN	Spain	38.7038N 0.2250W	764	
Benidorm	EXBN	Spain	38.5450N 0.1310W	45	
Beni Messoud	BMD	Morocco	35.7803N 5.6997W	396	
Beni Rached	EBNR	Algeria	36.2905N 1.5302E	636	
Ben Lomond (Santa Cruz Mountains)	BNLO	California,U.S.A.	37.1311N 122.1729W	794	From 2005-04-20 to 2007-09-02
Bennet, Jal	227A	New Mexico,U.S.A.	32.0120N 103.2924W	879	From 2008-03-21
Bennett Dam	BDBC	British Columbia,Canada	56.1742N 122.2820W	700	From 1985-10-01
Benn Knob	BENN	North Carolina,U.S.A.	35.5650N 81.6610W	878	From 1982-01-22 to 2008-02-13
Bensberg	BA09	Nordrhein-Westfalen	50.9638N 7.1755E	200	From 2006-10-01
Bensberg	BNS	Nordrhein-Westfalen,Germany	50.9639N 7.1756E	200	From 1954-04-01
Benson Hill Elementary School	RBEN	Washington,U.S.A.	47.4348N 122.1862W		
Benson Ranch	BENWA	Washington,U.S.A.	46.5188N 119.7170W	335	
Benton	BENR	California,U.S.A.	37.7155N 118.5730W	2490	From 1983-07-29
Beppu	BEP	Oita,Japan	33.2833N 131.4830E	75	
Beqa	BOA	Fiji	18.3786S 178.1350E	439	From 1979-10-01
Berane	BEY	Montenegro,Serbia and Montenegro	42.8717N 19.8981E	945	From 1982-12-25
Berane	IVA	Montenegro,Serbia and Montenegro	42.8717N 19.8981E	945	From 1982-12-25
Berati	BERA	Albania	40.7027N 19.9494E	100	
Berchikul'	BRCR	Kemerovskaya,Oblast',Russia	55.6400N 88.3200E	350	
Berchtesgaden	BGLD	Bayern,Germany	47.6524N 13.0125E	930	From 1999-10-22
Berda	BERT	Tunisia	34.2410N 9.0118E	320	
Berezeni	BERR	Romania	46.3589N 28.1501E	66	From 2001-11-08
Bergen	BER	Norway	60.3838N 5.3339E	50	From 1994-06-28
Berg Farm, Melba	J10A	Idaho,U.S.A.	43.4275N 116.7670W	748	From 2006-11-29
Berggiesshubel	BRG	Sachsen,Germany	50.8732N 13.9428E	260	
Bergheim	BEG	Nordrhein-Westfalen,Germany	50.9613N 6.6557E	-95	From 1975-05-01 to 1994-12-01
Bergheim	BGUS	Saskatchewan,Canada	52.1960N 106.3980W	594	From 1999-01-01 to 2002-12-01
Bergheim Laurentius Kirche	BD01	Nordrhein-Westfalen	50.9593N 6.6355E	78	From 2001-01-01
Bering	BKI	Kamchatskaya,Oblast',Russia	55.2040N 165.9720E	10	
Berja	EBER	Spain	36.8979N 2.8896W	1690	
Berkeley--Byerly	BKS	California,U.S.A.	37.8762N 122.2356W	243	From 1962-01-01
Berkeley--Haviland	BRK	California,U.S.A.	37.8735N 122.2610W	49	From 1887-01-01
Berlin	BNH	New Hampshire,U.S.A.	44.5906N 71.2564W	472	From 1963-01-01 to 1999-01-31
Berlin	BR-PA	Pennsylvania,U.S.A.	39.9242N 78.8447W	665	From 1962-12-30 to 1965-07-23
Berlin	BRN	Berlin,Germany	52.4188N 13.2031E	45	From 1972-07-01
Berlin--Free University	BRL	Berlin,Germany	52.4715N 13.2904E	-68	From 1970-01-01
Berlin--Lankwitz	BRNL	Berlin,Germany	52.4278N 13.3580E	42	From 1991-04-06
Berlin (NY)	BERL	New York,U.S.A.	42.6913N 73.3913W	549	
Berlin (Penn)	BR-	Pennsylvania,U.S.A.	39.9242N 78.8447W	665	From 1962-12-30 to 1965-07-23
Bermuda--Columbia	BEC	Bermuda	32.3794N 64.6811W	41	From 1939-02-03
Bermuda-Navy	BEN	Bermuda	32.2697N 64.8536W		
Bernadia	BERI	Italy	46.2367N 13.2433E	640	From 1977-05-06
Bernadia	BAD	Italy	46.2367N 13.2433E	640	From 1977-05-06
Bernardo	X22A	New Mexico,U.S.A.	34.5058N 107.0102W	1604	From 2008-01-10
Bernardo	BDNM	New Mexico,U.S.A.	34.4960N 106.9130W	1505	From 1990-01-01
Bernie	BRNM	Missouri,U.S.A.	36.7236N 89.9978W	103	
Bernie	BRM	Missouri,U.S.A.	36.6333N 90.0597W	109	From 1969-01-01 to 1973-12-31
Berninapass	BERNI	Switzerland	46.4134N 10.0231E	2310	
Bernov	BERN	Czech Republic	50.2321N 12.5117E	635	
Berrybush	BYB	Wales,United Kingdom	51.8994N 5.0958W		
Berryessa Peak	NBPM	California,U.S.A.	38.6678N 122.1930W	67	From 1974-05-10
Berryman	BRR	Missouri,U.S.A.	37.9533N 91.1750W	250	From 1960-01-01 to 1962-12-31
Ber_school_1	RORSS	Norway	64.8702N 11.2340E	0	From 2000-01-01
Ber_school_2	MELSS	Norway	66.8637N 13.7233E	29	From 2000-01-01
Bertagne	BERF	Provence-Cote d'Azur,France	43.3130N 5.6907E	1030	
Bertelli Ranch	BRTC	California,U.S.A.	34.6115N 117.9630W	789	
Bertha Hill	BHI	Idaho,U.S.A.	46.7640N 115.7920W	1652	From 1971-10-01 to 1976-01-14
Berwen	BWZ	South Island,New Zealand	44.5339S 169.8869E	500	From 1991-01-20
Besancon	BES	France Comte,France	47.2497N 5.9875E	311	From 1950-01-01
Besboro Island	BBO	Alaska,U.S.A.	64.1212N 161.3050W	244	
Besiri	BEST	Turkey	37.8911N 41.2700E	959	From 2003-10-02
Bessie Mountain	BESE	Alaska,U.S.A.	58.5796N 134.8543W	870	
Betania	BETC	Colombia	2.6814N 75.4413W	540	From 1994-01-01
Bet Guvrin	GVI	Israel	31.6320N 34.9090E	390	From 1983-04-01 to 1999-08-25
Bethany	BETM	Missouri,U.S.A.	36.6119N 90.0593W	129	
Betharram	BTH	Aquitaine,France	43.1231N 0.2069W	325	From 1986-08-01 to 1995-12-31
Bethel	BET	Alaska,U.S.A.	60.8078N 161.7720W		
Bethel	BQ-AK	Alaska,U.S.A.	60.7789N 161.8836W	46	
Bethel	BETH	Kentucky,U.S.A.	38.2467N 83.8531W	278	From 1980-10-26 to 1999-08-25

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Bethel	BHO	Oklahoma, U.S.A.	34. 3808N	94. 8673W	143
Bethel	MBET	Montserrat	16. 7414N	62. 1631W	350
Bethesda--National Naval Medical Center	NHB	Maryland, U.S.A.	39. 0016N	77. 0837W	91
Bettioque	BETV	Venezuela	9. 3795N	70. 6730W	638
Bet Lehem HaGeliit	BLGI	Israel	32. 7334N	35. 1913E	190
Bet Oren	BRNI	Israel	32. 7200N	34. 9900E	400
Beuren	BEU	Baden-Wuerttemberg, Germany	48. 5838N	9. 4153E	443
Beverley	BEV	Jamaica	18. 4517N	77. 3000W	123
Beverly	BVW	Washington, U.S.A.	46. 8110N	119. 8823W	670
Beverly Hills	BVH	California, U.S.A.	34. 0762N	118. 3959W	39
Bevkoz	BEYT	Turkey	41. 1590N	29. 2910E	153
Beyrouth	BEYL	Lebanon	33. 8717N	35. 4932E	49
Bhakra	BHK	Punjab, India	31. 4167N	76. 4167E	410
Bhandari	BHDI	Nagaland, India	26. 2800N	94. 1492E	700
Bhannes	BHL	Lebanon	33. 9039N	35. 6531E	955
Bhavnagar	BHV	Gujarat, India	21. 7500N	72. 1433E	7
Bhopal	BHPL	Madhya Pradesh, India	23. 2410N	77. 4245E	520
Bhubaneswar	BWNR	Orissa, India	20. 2955N	85. 8058E	
Bhuj	BHUJ	Gujarat, India	23. 2540N	69. 6540E	
Bhuj	BHJ	Gujarat, India	23. 2540N	69. 6540E	80
Bhumibol Dam	BDT	Thailand	17. 2443N	99. 0030E	154
Biak	BAKI	Irian Jaya, Indonesia	1. 1914S	136. 1070E	89
Bialla	BIAL	New Britain	5. 3100S	151. 0520E	160
Bibbiana	BIBN	Italy	44. 0800N	11. 3000E	711
Biblis	WBH	Hessen	49. 7047N	8. 4151E	85
B. Ibn Batouta	BIT	Morocco	35. 6481N	5. 7289W	60
Bicaz	BIZ	Romania	46. 9392N	26. 1042E	410
Biccari - m.te Cornacchia	MOCO	Italy	41. 3700N	14. 1580E	1049
Bidbid	BIDO	Oman	23. 5211N	58. 1269E	200
Bidston	BID	England, United Kingdom	53. 4000N	3. 0667W	60
Bieber	WBG	Hessen	50. 1716N	9. 3459E	310
Bielsa	EBIE	Spain	42. 6862N	0. 1428E	2130
Bielsko-Biala	MIKI	Poland	49. 7884N	19. 0603E	358
Big Bar	N02C	California, U.S.A.	40. 8220N	123. 3057W	717
Big Bear	BBC	California, U.S.A.	34. 2417N	116. 9080W	2060
Big Bear Sol-Obs	BBRC	California, U.S.A.	34. 2623N	116. 9207W	2069
Big Bend	BBI	Idaho, U.S.A.	44. 1762N	111. 4290W	1950
Big Bend	BBM	Montana, U.S.A.	48. 3764N	115. 3280W	719
Big Bend Ranch, Presidio	626A	Texas, U.S.A.	29. 5540N	104. 1335W	979
Big Butte	BGB	Nevada, U.S.A.	37. 0402N	116. 2278W	1706
Big Chuckwalla Mountains 2	BC2	California, U.S.A.	33. 6570N	115. 4612W	1185
Big Chuckw Mtn	BC3	California, U.S.A.	33. 6551N	115. 4531W	1137
Big Creek	BGN	Nevada, U.S.A.	41. 6761N	118. 5970W	1527
Big Creek Baldy	BCB	Montana, U.S.A.	48. 6351N	115. 5450W	1756
Big Creek, Yellow Pine	G12A	Idaho, U.S.A.	45. 1285N	115. 3257W	1780
Big Darby	GBDM	California, U.S.A.	39. 4420N	123. 3090W	655
Big Dutch Hollow	BDU	Utah, U.S.A.	40. 8742N	111. 5340W	2198
Bigfork	BFM	Montana, U.S.A.	48. 0672N	114. 1000W	914
Big Grassy Butte	GBI	Idaho, U.S.A.	43. 9875N	112. 0630W	1561
Big Grassy Mountain	BGU	Utah, U.S.A.	40. 9254N	113. 0299W	1608
Big Gulch	LBGM	California, U.S.A.	40. 8023N	122. 5897W	884
Big Hill	BLW	North Island, New Zealand	41. 3686S	175. 4740E	340
Big Hole Peak	BHMT	Montana, U.S.A.	47. 5825N	115. 0370W	1628
Big Horse Ranch, Ione	R04C	California, U.S.A.	38. 2571N	120. 9363W	115
Big Koniuij Island	BKJ	Alaska, U.S.A.	55. 1567N	159. 5590W	146
Big Lost River	LRI	Idaho, U.S.A.	43. 5283N	112. 9480W	1509
Big Maria Mountains	BMM	California, U.S.A.	33. 7567N	114. 5860W	564
Big Mountain	BBGM	California, U.S.A.	36. 5913N	121. 0250W	1216
Big Mountain	BGM	Alaska, U.S.A.	59. 3927N	155. 2290W	625
Big Mountain	BIG	Alaska, U.S.A.	59. 3889N	155. 2170W	567
Big Muddy Lake	BMS	Saskatchewan, Canada	49. 2117N	104. 7930W	700
Bigot	BIM	Martinique	14. 5170N	61. 0708W	425
Big Rock Lookout	BROR	Oregon, U.S.A.	44. 2674N	122. 4520W	135
Big Springs	BSPT	Tennessee, U.S.A.	35. 7260N	84. 1090W	334
Big Stone Gap	BI-	Virginia, U.S.A.	36. 8458N	82. 7069W	549
Big Stone Gap	BI-VA	Virginia, U.S.A.	36. 8458N	82. 7069W	549
Bigte	NZB	Luzon, Philippines	14. 8630N	121. 1010E	227
Big Timber	F18A	Montana, U.S.A.	45. 9046N	109. 7158W	1291
Bijaqual	LAJ	Costa Rica	9. 8637N	84. 1213W	1650
Bijeljina	BLJ	Bosnia-Herzegovina	44. 7830N	19. 2670E	94
Bilaspur	BLSP	Madhya Pradesh, India	22. 1291N	82. 1319E	398
Bilaspur	BLPI	Madhya Pradesh, India	22. 0833N	82. 4167E	85
Bilibino	BILL	Magadanskaya Oblast', Russia	68. 0389N	166. 2711E	299
Billerbeck	NE35	Nordrhein-Westfalen, Germany	51. 9720N	7. 3480E	166
Billings	BS-MA	Montana, U.S.A.	45. 7322N	108. 8922W	1219
Bima	BMNI	Sumba	8. 5400S	118. 6926E	63
Bindweide	BIW	Rheinland-Pfalz, Germany	50. 7308N	7. 8373E	360
Bingham Canyon	BIU	Utah, U.S.A.	40. 5131N	112. 1360W	2244
Binghamton	BINY	New York, U.S.A.	42. 1993N	75. 9861W	498
Binghamton	BING	New York, U.S.A.	42. 0757N	75. 9767W	408
Binghamton	BNY	New York, U.S.A.	42. 0896N	75. 9708W	291
Bingley Moor	BMY	England, United Kingdom	53. 8698N	1. 8185W	235
Bingol	BINT	Turkey	38. 8758N	40. 4890E	1342
BINGOL	BNGL	Turkey	38. 9521N	41. 1499E	1968
Binsa	BIN	Congo (Kinshasa)	4. 3667S	15. 2500E	450
Bintulu	BTM	Sarawak, Malaysia	3. 2000N	113. 0833E	156
Biorka	BIO	Alaska, U.S.A.	56. 8517N	135. 5580W	61
Bi'r al Bayda'	BIDS	Saudi Arabia	26. 8669N	36. 9575E	200
Biratori	JBT	Hidaka, Japan	42. 5898N	142. 1337E	100
Biratori 2	JBT2	Hidaka, Japan	42. 7783N	142. 3637E	170
Birch Creek	BCKR	California, U.S.A.	37. 6975N	118. 3720W	1634
Birch Farm	BFZ	North Island, New Zealand	40. 6817S	176. 2460E	318
Birchfield Mountain	BFMT	Tennessee, U.S.A.	35. 4880N	84. 2270W	329
Birch Hill	BRH	Alaska, U.S.A.	64. 8648N	147. 6400W	330
Bird Springs	WBSM	California, U.S.A.	35. 5370N	118. 1390W	1932
Birjand	BIRU	Iran	32. 9000N	59. 2000E	0
Birlad	BIR	Romania	46. 2664N	27. 6264E	225
Birley Grange	KB1I	England, United Kingdom	53. 2543N	1. 5279W	272
Bir Mashi	BMSH	Saudi Arabia	28. 8139N	34. 8389E	50
Birongo	BIRV	Venezuela	10. 4756N	66. 2693W	200
Bi'r Shalatayn	HSHL	Egypt	23. 1067N	35. 3999E	147
Bisbee	318A	Arizona, U.S.A.	31. 4390N	109. 9907W	1576
Biscoitos	PBIS	Azores, Portugal	38. 7613N	27. 2527W	435
Bishah	BISH	Saudi Arabia	20. 0010N	42. 5990E	800
Bishkek	FRU	Kyrgyzstan	42. 8333N	74. 6167E	655
Bishop	BP-CL	California, U.S.A.	37. 3600N	118. 6903W	2317
Bishop	BP-	California, U.S.A.	37. 3600N	118. 6903W	2317
Bishop	BHPR	California, U.S.A.	37. 2995N	118. 4870W	2171
Bishop Farm, Joseph	G10A	Oregon, U.S.A.	45. 2925N	117. 1204W	1527
Bishrakh	BISR	Uttar Pradesh, India	28. 5710N	77. 4390E	4
Bislig	BIPH	Mindanao, Philippines	8. 1840N	126. 3610E	40
Bislig	BIP	Mindanao, Philippines	8. 2250N	126. 2500E	200
Bismark Peak	BIS	Nevada, U.S.A.	39. 1238N	119. 6750W	1786
BISOCA	BISC	Romania	45. 5402N	26. 6874E	950
Bistriski jarek	BISS	Slovenia	46. 6478N	15. 1271E	480
Bisya	BSYO	Oman	22. 7310N	57. 2402E	350
Bisya	BSY	Oman	22. 7446N	57. 1995E	450
Bitlis	BTBK	Turkey	38. 4070N	42. 1060E	1545
Bitola	BIA	Former Yugoslav Rep. of Macedonia	41. 0194N	21. 3239E	720
Bitter Crk WRge	BCW	California, U.S.A.	34. 9401N	119. 4131W	1101
Bitterwater Creek	PBWM	California, U.S.A.	36. 3150N	120. 9290W	381
Bitterwater Creek	BTW	California, U.S.A.	36. 3150N	120. 9290W	381
Bixby	BIX	Oklahoma, U.S.A.	35. 9780N	95. 8461W	195
Bjarnastaoir	IBJA	Iceland	63. 9460N	21. 3030W	57
Bjornoya	BJO1	Norway	74. 5020N	18. 9990E	18
Bjornoya	BJO	Norway	74. 5055N	19. 1883E	18
Black Birch	BBW	South Island, New Zealand	41. 7125S	173. 8783E	250
Blackbirch Station	BSWZ	North Island, New Zealand	41. 7150S	173. 8758E	293
Blackbird State Forest	BBD	Delaware, U.S.A.	39. 3461N	75. 6767W	18

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Black Butte	BBN	New Mexico,U.S.A.	34.4078N	106.7460W	1524
Black Butte	BLK	Montana,U.S.A.	48.8547N	115.1180W	969
Black Butte	YPBB	Idaho,U.S.A.	45.0288N	111.1168W	2085
Black Canyon	BLCC	California,U.S.A.	34.2436N	118.6731W	607
Black Canyon North	BCHM	California,U.S.A.	36.0543N	117.7280W	1265
Black Crater	BKCOR	Oregon,U.S.A.	44.2994N	121.6960W	1208
Black Diamond Mine	BDM	California,U.S.A.	37.9540N	121.8655W	219
Blackfoot	J15A	Idaho,U.S.A.	43.3998N	112.4334W	1497
Black Forest	BFO	Baden-Wuerttemberg,Germany	48.3301N	8.3296E	589
Black Fox Mountain	LBFM	California,U.S.A.	41.3470N	121.8900W	1982
Black Gap, Marathon	628A	Texas,U.S.A.	29.4862N	102.8885W	655
Black Gap (USAF), Gila Bend	114A	Arizona,U.S.A.	32.7513N	112.8830W	279
Black Hill	BLHA	Alaska,U.S.A.	55.7029N	162.0672W	378
Black Hill	EBH	Scotland,United Kingdom	56.2481N	3.5081W	375
Black Hills	RSSD	South Dakota,U.S.A.	44.1204N	104.0360W	2060
Black Hill Station	BHHZ	North Island	39.4893S	176.0629E	831
Black Mountain	BLKC	California,U.S.A.	35.0880N	117.2190W	648
Black Mountain	BMUT	Utah,U.S.A.	41.9582N	111.2340W	2243
Black Mountain	JBMM	California,U.S.A.	37.3182N	122.1530W	820
Black Mountain	BMTN	Nevada,U.S.A.	37.2913N	116.6380W	2073
Black Mountain	BMT*	Nevada,U.S.A.	37.2836N	116.5336W	1920
Black Mountain	BMRR	California,U.S.A.	40.1087N	120.2910W	2146
Black Mountain, Craig	N21A	Colorado,U.S.A.	40.7600N	107.5196W	2235
Blacknest	BKN	England,United Kingdom	51.3642N	1.1869W	107
Black Oak	GBOM	California,U.S.A.	38.8243N	122.8430W	879
Black Peak	BPK	Arizona,U.S.A.	34.1247N	114.2100W	504
Black Pine Ridge	BPMT	Montana,U.S.A.	46.4375N	113.4463W	2408
Black Rapids	BLR	Alaska,U.S.A.	63.5017N	145.8450W	809
Black Ridge (BLM), Bullfrog Basin	S17A	Utah,U.S.A.	37.6354N	110.8018W	1373
Black River	BRJ	Jamaica	18.0333N	77.8683W	8
Black Rk. Forest	BRNY	New York,U.S.A.	41.4140N	74.0119W	282
Blackrock camp	BLAC	California,U.S.A.	34.0695N	116.3890W	1243
Black Rock Valley	BRVW	Washington,U.S.A.	46.4853N	119.9912W	920
Blacksburg	BLA	Virginia,U.S.A.	37.2113N	80.4210W	634
Blacksburg	BAV	Virginia,U.S.A.	37.2221N	80.4250W	622
Black Stump Fm	BKZ	North Island,New Zealand	39.1675S	176.4922E	729
Blacktail Mountain	BLMT	Montana,U.S.A.	48.0108N	114.3633W	2052
Blanchard Fire Station	MBFM	California,U.S.A.	37.6785N	120.3630W	309
Blanding	BX-	Utah,U.S.A.	37.5633N	109.4347W	1707
Blanding	BX-UT	Utah,U.S.A.	37.5633N	109.4347W	1707
Blasjo	BLS2	Norway	59.2940N	6.9270E	1190
Blasjo	BLS5	Norway	59.4229N	6.4560E	540
Blasjo	BLS3	Norway	59.4250N	6.5150E	1130
Blasjo	BLS	Norway	59.3900N	6.4490E	1170
Blasjo	BLS1	Norway	59.3910N	6.8270E	1160
Bleialf	BLI	Rheinland-Pfalz,Germany	50.2323N	6.2877E	468
Blekinge	BLEU	Sweden	56.3040N	15.8145E	90
Blewett	BW-WA	Washington,U.S.A.	47.3803N	120.6533W	884
Blewett	BW-	Washington,U.S.A.	47.3803N	120.6533W	884
Blockade Glacier	BKG	Alaska,U.S.A.	61.0702N	152.2630W	1009
Bloemfontein	BLF	Orange Free State,South Africa	29.1089S	26.1881E	1420
Bloom-Carroll	BCSO	Ohio,U.S.A.	39.7940N	82.6980W	256
Bloomer Hill	OBHM	California,U.S.A.	39.6517N	121.4620W	914
Bloomfield	BY-IO	Iowa,U.S.A.	40.7692N	92.4525W	259
Bloomington	BLO	Indiana,U.S.A.	39.1719N	86.5222W	246
Bloomsburg	BB-	Pennsylvania,U.S.A.	41.1822N	76.5519W	305
Bloomsburg	BB-PA	Pennsylvania,U.S.A.	41.1822N	76.5519W	305
Blowhard Mountain	BHU	Utah,U.S.A.	37.5925N	112.8570W	3230
Blowhole	BHT	Tennessee,U.S.A.	35.8470N	84.9450W	826
Blue Bank Bayou	BBTN	Tennessee,U.S.A.	36.3870N	89.4570W	88
Blue Mountain	BMT	Alaska,U.S.A.	58.0467N	156.3370W	550
Blue Mountain	BLM	Alaska,U.S.A.	58.0467N	156.3370W	550
Blue Mountain Lake	BML	New York,U.S.A.	43.8680N	74.4020W	305
Blue Mountains Array	BMO	Oregon,U.S.A.	44.8525N	117.3060W	1154
Bluenose Ridge	BCNM	California,U.S.A.	39.8927N	123.1940W	1363
Blue Ridge	BLU	California,U.S.A.	34.4053N	117.7250W	1880
Blue Ridge	BRDG	Arizona,U.S.A.	34.6260N	111.1760W	2057
Blue Ridge Broadcasting Company	BRBC	North Carolina,U.S.A.	35.7390N	82.2860W	1976
Blue River	WGB	British Columbia,Canada	52.1023N	119.4650W	2012
Blue River	BLBC	British Columbia,Canada	52.0434N	119.2411W	2362
Blum	BLMY	New York,U.S.A.	41.3297N	73.9550W	134
Blyn Mountain	BLN	Washington,U.S.A.	48.0074N	122.9720W	585
Blythe	BLYC	California,U.S.A.	33.7503N	114.5238W	196
Blythe	Y12C	California,U.S.A.	33.7503N	114.5238W	196
Boac	BOAC	Luzon,Philippines	13.4590N	121.8440E	29
Boaco	BOA1	Nicaragua	12.4872N	85.6945W	734
Boaco	BOA	Nicaragua	12.4818N	85.7178W	550
BOACO BROADBAND	BOAB	Central America	12.4491N	85.6663W	89
Bobbio (Coli)	BOB	Italy	44.7669N	9.4478E	910
Bob Jauregui Ranch	ABJM	California,U.S.A.	39.1653N	121.1910W	457
Bob Quinn Lake	BQB	British Columbia,Canada	57.0227N	130.2400W	1310
Bobrof	AK4	Alaska,U.S.A.	51.8230N	177.4450W	8
Boca de Chavon	ROBI	Dominican Republic	18.4100N	68.8400W	0
Bochum	NE36	Nordrhein-Westfalen,Germany	51.4419N	7.2703E	85
Bochum	BOC	Nordrhein-Westfalen,Germany	51.4894N	7.2139E	64
Bochum--University	BUG	Nordrhein-Westfalen,Germany	51.4406N	7.2693E	85
Bocsa	PKS6	Hungary	46.5998N	19.5645E	120
Bodaibo	BOD	Irkutskaya Oblast',Russia	57.8189N	114.0039E	245
Bodie	BODR	California,U.S.A.	38.1628N	118.9702W	2195
Bodon	BDN	Buryatiya,Russia	53.9000N	110.1000E	1000
Bodrum	BODT	Turkey	37.0621N	27.3104E	379
Boeing Everett	BEVT	Washington,U.S.A.	47.9200N	122.2700W	170
Boeing Fire Protection	BSFP	Washington	47.5200N	122.2983W	5
Boeun	KSBN	South Korea	36.5000N	127.8000E	332
Bogazkoy	BGKT	Turkey	41.1810N	28.7730E	80
Bogdanovka	BGD	Georgia	41.2645N	43.5986E	1978
Boggs Mountain	GBGM	California,U.S.A.	38.8140N	122.6790W	1125
Boggy Peak	BPA	Antigua,Antigua and Barbuda	17.0460N	61.8570W	396
Bogi-Zagon	BZN	Tajikistan	38.4800N	69.8200E	0
Bogner Ranch, Nez Perce	E11A	Idaho,U.S.A.	46.3559N	116.2092W	831
Bogoin	BGCA	Central African Republic	5.1761N	18.4242E	576
Bogong Mts	BOV	Victoria,Australia	36.8078S	147.2270E	700
Bogota	BOG	Colombia	4.6231N	74.0650W	2658
Bogota	BOCO	Colombia	4.5869N	74.0433W	3137
Bohocortia	BOH	Aquitaine,France	43.1027N	1.0117W	1150
Bohunice	BHC	Czech Republic	48.5786N	17.5289E	0
Boischatel	BCLQ	Quebec	46.9262N	71.1728W	180
Bois d'Agland	BGF	Auvergne,France	46.5578N	2.8464E	390
Boise	BSE	Idaho,U.S.A.	43.6500N	116.0920W	0
Boisen	BOI	New Britain,Papua New Guinea	4.1878S	152.1990E	18
Bois Riant Capesterre	BCG	Guadeloupe	16.0850N	61.6197W	442
Boistfort Mountain	BMW	Washington,U.S.A.	46.4750N	123.2280W	870
Bojanci	BOJS	Slovenia	45.5040N	15.2520E	256
Bojnurd	BJMA	Iran	37.9000N	55.9500E	0
Bokaro	BOKR	Bihar,India	23.7948N	85.8859E	282
Bokaro	BOK	Bihar,India	23.7948N	85.8858E	282
Bokosso	BKO	Cameroon	4.4181N	9.1411E	380
Bolinao	BOLP	Luzon,Philippines	16.3810N	119.9130E	71
Bolinger Road	LT16	California,U.S.A.	37.8162N	122.0620W	610
Bolinger Road	BGC	California,U.S.A.	37.8162N	122.0620W	610
Bolinger Road	CBRM	California,U.S.A.	37.8162N	122.0620W	610
Boljevac	BOLS	Serbia	43.8305N	21.9592E	670
Bologna	BOL	Italy	44.4867N	11.3290E	80
Bol'shaya Rechka	BLRR	Krasnoyarskiy Krai	53.0383N	92.4282E	558
Bolvadin	BOLV	Turkey	38.7183N	30.9502E	1303
Bolzano	BLZ	Italy	46.5049N	11.3468E	280
Bombay	BOM	Maharashtra,India	18.8958N	72.8127E	6
Bomdila	BMI	Arunachal Pradesh,India	27.2675N	92.4230E	2700
Bomnak	BMKR	Amurskaya Oblast',Russia	54.7110N	128.8420E	342

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Bom Sucesso	BSCB	Minas Gerais,Brazil	20.9977S 44.7737W	870	
Bomura	BHOK	Shiga,Japan	35.2447N 135.8728E	380	
Bonanza	DCA1	Alberta,Canada	56.0317N 119.9319W	485	
Bonanza King	LBKM	California,U.S.A.	41.0842N 122.6650W	1341	
Bonds Corner	BON	California,U.S.A.	32.6945N 115.2690W	14	From 1973-04-16 to 2008-02-22
Bone	BNSI	Sulawesi	4.4005S 120.1065E	0	From 2007-12-01
Bone	J16A	Idaho,U.S.A.	43.2741N 111.6119W	2004	From 2007-07-25
BONGHWA	KSCHY	South Korea	36.9378N 128.9167E	321	From 2000-11-22
Bonilla	BNAB	British Columbia,Canada	53.4933N 130.6370W	16	From 1987-12-04
Bonnechere River Park	BRPO	Ontario,Canada	45.6506N 77.5061W	170	
Bonneval	BOF	Rhone-Alpes,France	45.3540N 7.0300E	1800	From 1981-07-01
Bonny Gate	BNJ	Jamaica	18.3210N 76.9510W	485	
Bonnynlands	HBL2	England,United Kingdom	52.0508N 3.0384W	400	From 1991-01-01
Boondooma	BOON	Queensland,Australia	26.0951S 151.4521E	370	
Boondooma Dam	BDMQ	Queensland,Australia	26.1123S 151.4440E	320	
Boorowa	BWA	New South Wales,Australia	34.4250S 148.4180E	656	From 1991-01-01
Boqueron	BOQS	El Salvador	13.7350N 89.2800W	1830	From 1991-12-01
Boquillas Ranch, Navajo N., Peach Springs	V14A	Arizona,U.S.A.	35.6339N 113.1053W	1731	From 2007-03-09
Boraas	BORU	Sweden	57.6345N 12.7697E	175	From 2006-08-04
Boracho Peak	MT1	Texas,U.S.A.	30.9289N 104.3910W	1714	From 1977-06-01 to 2003-01-28
Borcka	DBOC	Turkey	41.3453N 41.6666E	615	From 2007-09-24
Borcka	BCA	Turkey	41.4450N 41.6223E	500	
Bordano	BORI	Italy	46.3200N 13.1000E	444	From 1977-05-09
Bordano	BOO	Italy	46.3200N 13.1000E	444	From 1977-05-09
Bordesti	BRD	Romania	45.5536N 27.0288E	356	
Borgarnes	BORG	Iceland	64.7474N 21.3268W	110	From 1994-07-31
Borgo	BL1	Italy	43.9802N 11.4342E		From 1977-11-01
Borgo	BSL	Italy	43.9802N 11.4342E		From 1977-11-01
Borgo San Lorenzo	BOSL	Italy	43.9400N 11.3800E	374	From 2007-02-02
Borgo Val di Taro	BVT	Italy	44.4864N 9.7750E		From 1975-09-01
Borland Lodge	BRZ	South Island,New Zealand	45.7792S 167.5390E	190	From 1979-08-22 to 1990-08-02
Bormio	BRMO	Switzerland,Italy	46.4761N 10.3731E	1380	
Bornholm Skovbrynet	BSD	Denmark	55.1139N 14.9147E	88	From 1990-03-01
Bornova	KDAG	Turkey	38.4028N 27.2667E	997	From 1999-07-01
Borojen	IBRJ	Iran	31.7633N 51.2633E	2950	From 1985-01-01
Borongan	BESP	Samar,Philippines	11.6010N 125.4380E	48	
Borovoye	BRVK	Kazakhstan	53.0581N 70.2828E	315	From 1994-09-01
Borovoye Array Beam Reference Point	BVAR	Kazakhstan	53.0249N 70.3885E	420	From 2002-07-06
Borovoye Array Site A0	BVA0	Kazakhstan	53.0249N 70.3885E	420	From 2002-07-06
Borovoye Array Site A1	BVA1	Kazakhstan	53.0249N 70.3886E	420	From 2002-07-06
Borovoye Array Site A2	BVA2	Kazakhstan	53.0189N 70.3912E	434	From 2002-07-06
Borovoye Array Site A3	BVA3	Kazakhstan	53.0268N 70.3785E	437	From 2002-07-06
Borovoye Array Site A4	BVA4	Kazakhstan	53.0290N 70.3963E	405	From 2002-07-06
Borovoye Array Site B5	BVB5	Kazakhstan	53.0247N 70.3662E	387	From 2002-07-06
Borovoye Array Site B6	BVB6	Kazakhstan	53.0361N 70.3762E	401	From 2002-07-06
Borovoye Array Site B7	BVB7	Kazakhstan	53.0379N 70.3950E	435	From 2002-07-06
Borovoye Array Site B8	BVB8	Kazakhstan	53.0216N 70.4108E	419	From 2002-07-06
Borovoye Array Site B9	BVB9	Kazakhstan	53.0123N 70.3857E	512	From 2002-07-06
Borrego Mountain	BRGC	California,U.S.A.	33.1712N 116.1740W	219	
Borrego Springs	BORC	California,U.S.A.	33.2682N 116.4172W	252	
Borschemich	BD11	Nordrhein-Westfalen	51.0823N 6.4302E	100	From 2001-01-01
Borseda	BORS	Italy	44.2450N 9.8258E	510	From 1991-01-01 to 1999-08-25
Boryeong	KSPOR	South Korea	36.3212N 126.5557E	15	From 2000-02-18
Borzhom	BOR	Georgia	41.8333N 43.3833E	794	
Boshof	BOSA	South Africa	28.6137S 25.2560E	1200	From 1993-01-01
Bosley Butte	KBO	Oregon,U.S.A.	42.2123N 124.2260W	1008	
Boso 1	BSO1	Honshu,Japan	34.6535N 140.9780E	-4011	From 1988-01-01
Boso 2	BSO2	Honshu,Japan	34.7513N 140.7545E	-2090	From 1988-01-01
Boso 3	BSO3	Honshu,Japan	34.8017N 140.5103E	-1898	From 1988-01-01
Boso 4	BSO4	Honshu,Japan	34.9900N 140.3380E	-658	From 1988-01-01
Bosque Alegre	BOS	Cordoba,Argentina	31.5983S 64.5458W	1200	
Bostanabad	IBST	Iran	37.7000N 46.8917E	2100	From 1995-08-01
Boston College	BCX	Massachusetts,U.S.A.	42.3350N 71.1705W	61	
Bothel	BBO1	Scotland,United Kingdom	54.7367N 3.2464W	209	From 1992-01-01
Botiquin	BOTV	Venezuela	10.4037N 67.2167W	2375	From 2004-04-04
Botkins High School	BHSO	Ohio,U.S.A.	40.4690N 84.1790W	304	
Botlikh	BTLR	Dagestan,Russia	42.6639N 46.2222E	870	
Bou Andas	CBND	Algeria	36.5275N 5.1255E	1575	
Bouganvilla	BVG	Guatemala	14.1080N 90.9397W	45	From 1978-06-01 to 1987-11-09
Bouhanifia	ODJA	Algeria	35.3300N 0.1500W	645	From 2004-04-01
Boujaaouane	BOJ	Morocco	32.0310N 9.0680W	300	
Boulbra	BBA	Morocco	31.9120N 9.4710W		
Boulder	BOU	Colorado,U.S.A.	40.0083N 105.2710W	1654	From 1953-12-01 to 1968-12-31
Boulder	BDW	Wyoming,U.S.A.	42.7762N 109.5680W	2190	From 1977-06-20 to 1986-07-01
Boulder	BDC	Colorado,U.S.A.	40.0050N 105.1581W	1625	
Boulder	BO1	Colorado,U.S.A.	40.0128N 105.2520W	1669	
Boulder Array	PD06	Wyoming,U.S.A.	42.7667N 109.5580W	2224	From 1986-07-18
Boulder Array Site 6	BW06	Wyoming,U.S.A.	42.7667N 109.5583W	2224	From 1986-07-18
Boulder City	BCN	Nevada,U.S.A.	35.9808N 114.8340W	776	From 1938-02-01 to 1975-06-30
Boulder Dam	BDA	Arizona,U.S.A.	36.0154N 114.7370W	237	From 1941-04-01 to 1961-12-31
Boulder Hill, Kettleman City	YO5C	California,U.S.A.	35.8667N 119.9028W	118	From 2005-04-11 to 2007-12-07
Boumerdes	ABMS	Algeria	36.7500N 3.4800E	97	From 2004-05-01
Boundary Peak	BONR	Nevada,U.S.A.	37.9552N 118.3020W	2582	From 1974-07-01
Boundary Peak	BNPN	Nevada,U.S.A.	37.9885N 118.3020W	2438	
Bountiful Peak	BPU	Utah,U.S.A.	40.9542N 111.8170W	2652	From 1974-10-01 to 1975-03-31
Bourheim	BD12	Nordrhein-Westfalen	50.9020N 6.3220E	-77	From 2004-08-01
Bourrignon	BOURR	Switzerland	47.3936N 7.2303E	860	From 1998-12-01
Bowen Island	BIB	British Columbia,Canada	49.4060N 123.3060W	37	From 1983-01-20
Bowe Ranch, Endee	W27A	New Mexico,U.S.A.	35.0637N 103.0627W	1233	From 2008-05-09
Bowland	LBO	England,United Kingdom	53.9789N 2.5728W	320	From 1989-01-01
Bowling Green	BGKY	Kentucky,U.S.A.	37.0055N 86.5232W	240	
Bowling Green	BGO	Ohio,U.S.A.	41.3781N 83.6592W	212	From 1963-09-01
Bowling Green State University	BGSO	Ohio,U.S.A.	41.3812N 83.6404W	208	
Bowman	BOW	South Carolina,U.S.A.	33.3736N 80.6431W	35	From 1977-10-23
Bowman Hall	BHKY	Kentucky,U.S.A.	38.0350N 84.5050W	306	
Box Canyon	BOX	Nevada,U.S.A.	39.6153N 118.1763W	1283	
Box Lake	BOXN	Northwest Territories,Canada	63.8521N 109.7169W	436	
Boyabat	BYBT	Turkey	41.4685N 34.7667E	85	From 1996-10-10
Boyabat	BOYT	Turkey	41.4206N 34.9036E	660	From 1994-05-01
Boyalica	BOY	Turkey	40.4867N 29.5573E	30	From 1994-01-01
Boyer Ranch	BYX	Nevada,U.S.A.	39.9542N 117.9178W	1128	
Bozab	IBZA	Iran	34.4696N 47.8605E	2360	From 2004-01-01
Bozcaada	BOZC	Turkey	39.8419N 26.0528E	202	From 2003-10-16
Bozeman	BZM	Montana,U.S.A.	45.6669N 111.0450W	1490	From 1931-05-01 to 1968-03-31
Bozeman	BZE	Montana,U.S.A.	45.8060N 110.9330W	244	From 1974-01-01 to 1977-05-31
Bozeman Pass	BZMT	Montana,U.S.A.	45.6482N 110.7967W	1905	
Bozeman (W)	BOZ	Montana,U.S.A.	45.6470N 111.6296W	1589	From 1999-11-13
Bozen	BOSI	Italy	46.4952N 11.3185E	242	From 2006-12-13
Bozkurt	BZK	Turkey	41.9600N 34.0035E	70	From 1992-07-01
Bozova	ATAB	Turkey	37.4696N 38.2949E	551	From 2005-06-24
Brabster	OBR	Scotland,United Kingdom	58.6142N 3.1623W	89	From 1995-09-21
Bracie Corner	BRCN	New York,U.S.A.	44.4275N 75.5830W	83	
Bradely Ranch, Valier	B15A	Montana,U.S.A.	48.3129N 112.5619W	1222	From 2007-09-11
Bradley Lake	BRLK	Alaska,U.S.A.	59.7642N 150.8860W	631	From 1980-11-28
Bradley Lake NE	BRNE	Alaska,U.S.A.	59.9108N 150.6520W	1219	From 1980-10-12 to 1984-06-29
Bradley Lake NW	BRNW	Alaska,U.S.A.	59.8375N 151.1690W	582	From 1980-10-03 to 1984-06-29
Bradley Lake SE	BRSE	Alaska,U.S.A.	59.7055N 150.6710W	975	From 1980-10-10
Bradley Lake SW	BRSW	Alaska,U.S.A.	59.6410N 151.0450W	951	From 1980-10-12 to 1984-06-29
Braganca	PBRG	Portugal	41.8048N 6.7413W	691	From 1995-06-01
Braggadocio	BRGM	Missouri,U.S.A.	36.2047N 89.8585W	78	
Braida Crags	BCZ	South Island,New Zealand	46.0067S 167.8400E	120	From 1990-05-27
Brajici-Budva	BUM	Montenegro,Serbia and Montenegro	42.3008N 18.8986E	724	From 2003-06-02
Branch Mountain	BCH	California,U.S.A.	35.1850N 120.0840W	1140	From 1976-08-01
Brandywine Creek State Park	BWD	Delaware,U.S.A.	39.7994N 75.5767W	62	From 1985-02-01
Brankovina	VVOS	Serbia,Serbia and Montenegro	44.3518N 19.9047E		
Brasilia	BDFB	Distrito Federal,Brazil	15.6412S 48.0141W	1095	From 1993-06-01
Brasilia Array	BAE	Distrito Federal,Brazil	15.8411S 47.8200W	1200	From 1968-01-03 to 1970-12-21
Brasilia Array	BCS*	Distrito Federal,Brazil	15.7660S 48.0388W	1255	From 1966-11-17 to 1970-12-21
Brasilia Array	BAO	Distrito Federal,Brazil	15.6349S 47.9915W	1211	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Brasilia Array Site E1	BAE1	Distrito Federal,Brazil	15.6426S	47.9689W	1170	
Brasilia Array Site E2	BAE2	Distrito Federal,Brazil	15.6501S	47.9469W	1110	
Brasilia Array Site E3	BAE3	Distrito Federal,Brazil	15.6569S	47.9261W	1150	
Brasilia Array Site E4	BAE4	Distrito Federal,Brazil	15.6642S	47.9031W	1258	
Brasilia Array Site E5	BAE5	Distrito Federal,Brazil	15.6725S	47.8809W	1260	
Brasilia Array Site EE	BAEE	Distrito Federal,Brazil	15.7386S	47.6200W	1200	
Brasilia Array Site S1	BAS1	Distrito Federal,Brazil	15.6561S	47.9997W	1145	
Brasilia Array Site S2	BAS2	Distrito Federal,Brazil	15.6779S	48.0070W	1060	
Brasilia Array Site S3	BAS3	Distrito Federal,Brazil	15.6986S	48.0146W	1120	
Brasilia Array Site S4	BAS4	Distrito Federal,Brazil	15.7191S	48.0223W	1140	
Brasilia Array Site S5	BAS5	Distrito Federal,Brazil	15.7420S	48.0304W	1150	
Brasilia Array Site SE	BASE	Distrito Federal,Brazil	15.9572S	48.0706W	1200	
Brasilia Array Site W1	BAW1	Distrito Federal,Brazil	15.6282S	48.0129W	1150	
Brasilia Array Site W2	BAW2	Distrito Federal,Brazil	15.6213S	48.0355W	1260	
Brasilia Array Site W3	BAW3	Distrito Federal,Brazil	15.6126S	48.0575W	1265	
Brasilia Array Site W4	BAW4	Distrito Federal,Brazil	15.6053S	48.0794W	1200	
Brasilia Array Site WE	BAWE	Distrito Federal,Brazil	15.5911S	48.0806W	1200	
Brasilia (W)	BDF	Distrito Federal,Brazil	15.6638S	47.9033W	1260	
Brasopolis	BRAS	Minas Gerais,Brazil	22.5353S	45.5854W	1850	
Brasstown Bald	BBG	Georgia,U.S.A.	34.8740N	83.8110W	1355	
Bratislava	BRA	Slovakia	48.1683N	17.1050E	270	
Bratislava	ZST	Slovakia	48.1961N	17.1025E	250	
Bratogost	BRY	Montenegro,Serbia and Montenegro	42.9007N	18.5439E	1367	
Braunhartsberg	BHBD	Baden-Wuerttemberg,Germany	48.2474N	9.0042E	933	
Brava--Cachaco	BCCH	Cape Verde Islands	14.8322N	24.6936W	660	
Breckenridge Mountain	WBMM	California,U.S.A.	35.4510N	118.5830W	2292	
Bredaryd	BYD	Sweden	57.0590N	13.1630E	152	
Bredtraesk	BREU	Sweden	63.8908N	18.5777E	100	
Breislack	LKG	Guadeloupe	16.0447N	61.6583W	1380	
Bremgarten	BREM	Baden-Wuerttemberg,Germany	47.9111N	7.6274E	210	
Bremner River	BMRM	Alaska,U.S.A.	60.9682N	144.6030W	823	
Brentwood	TBW	England,United Kingdom	51.6549N	0.2911E	82	
Bressanone	BRES	Italy	46.6987N	11.7341E	2454	
Brest	BST	Bretagne,France	48.3020N	4.0627W	288	
Brest	NE54	Belarus	52.5680N	23.8610E	200	
Brettingstaoir	IBRE	Iceland	66.1230N	17.9100W	41	
Brewton	BO-	Alabama,U.S.A.	31.1697N	86.8597W	76	
Brewton	BRAL	Alabama,U.S.A.	31.0114N	87.0568W	61	
Brewton	BO-AL	Alabama,U.S.A.	31.1697N	86.8597W	76	
Brezje pri Sen	KBZS	Slovenia	45.9400N	15.4390E	217	
Briangon	OG15	Provence-Cote d'Azur,France	44.9113N	6.6487E	1985	
Bricherasio	BHB	Italy	44.8417N	7.2633E	530	
Bridge Bay	YPBR	Wyoming,U.S.A.	44.5367N	110.4395W	2383	
Bridgeport	BPT	Connecticut,U.S.A.	41.2221N	73.2422W	83	
Brienza	BRIE	Italy	40.4966N	15.6153E	980	
Brig	BRI	Switzerland	46.3153N	7.9956E	708	
Brigand Hill	TBH	Trinidad and Tobago	10.4840N	61.0670W	199	
Brigham City	BCUT	Utah,U.S.A.	41.5123N	111.9822W	1676	
Brigham Young University	BYU	Utah,U.S.A.	40.2531N	111.6491W	1420	
Brimhall	Y20A	New Mexico,U.S.A.	35.7992N	108.4662W	1889	
Brimstone Hill	BSK	St Kitts,Saint Kitts and Nevis	17.3470N	62.8400W	125	
Brinnon	C04A	Washington,U.S.A.	47.7172N	122.9718W	53	
Brione	BIE	Italy	45.8828N	10.8739E	360	
Briones	BRIB	California,U.S.A.	37.9189N	122.1518W	219	
Brisbane	BRBS	Australia	27.4781S	153.0311E	15	
Brisbane	SBRN	California,U.S.A.	37.6856N	122.4113W	-157	
Brisbane	BRS	Queensland,Australia	27.3917S	152.7750E	525	
Brisbane hardrock	BR1	Queensland,Australia	27.4306S	153.0237E	100	
Brisbane softrock	BR2	Queensland,Australia	27.4314S	153.0693E	100	
Brite Ranch	MT4	Texas,U.S.A.	30.2731N	104.5700W	1469	
Broad Law	EBL	Scotland,United Kingdom	55.7733N	3.0436W	365	
Broad Pass	BDP	Alaska,U.S.A.	63.2312N	149.2590W	709	
Brocks Farm	BSCP	California,U.S.A.	32.7248N	115.0440W	43	
Broken Hill	BHA	Zambia	14.4467S	28.4683E	1206	
Bromley	BRUT	Utah,U.S.A.	40.6230N	111.8790W	1337	
Bronaber	WBR	Wales,United Kingdom	52.8560N	3.8941W	340	
Brookfield	BCT	Connecticut,U.S.A.	41.4933N	73.3839W	69	
Brookside Elementary School	BRKS	Washington,U.S.A.	47.7555N	122.2884W	100	
Brooks Peninsula	BPBC	British Columbia,Canada	50.1572N	127.7710W	732	
Brookwood Res.	CBWM	California,U.S.A.	37.9242N	122.1070W	221	
Brookwood Reservoir	BKC	California,U.S.A.	37.9242N	122.1070W	221	
Brophy Road	ABRM	California,U.S.A.	39.1352N	121.4870W	24	
Browne	BWN	Alaska,U.S.A.	64.1717N	149.4650W	365	
Brownlee Dam	BDID	Idaho,U.S.A.	44.7983N	116.8850W	1400	
Brown Mountain	BRTN	Tennessee,U.S.A.	36.3567N	82.8678W	630	
Brown Place, Jackson	J17A	Wyoming,U.S.A.	43.3629N	110.7118W	1975	
Bruarjokull	IBRU	Iceland	64.8290N	16.0880W	746	
Bruce Peninsula	BRCO	Ontario,Canada	44.2437N	81.4423W	273	
Bruguera	BRUG	Spain	42.2830N	2.1860E	1300	
Bruguera	CBRU	Spain	42.2855N	2.1801E	1327	
Brunts Corner	BTCC	California,U.S.A.	33.0121N	115.2199W	39	
Bruntsheil	BBH	Scotland,United Kingdom	55.1333N	2.9299W	216	
Bruslee	BSLQ	Queensland,Australia	20.8670S	146.5640E	185	
Bryant	B05A	Washington,U.S.A.	48.2641N	122.0960W	154	
Bryant College	BRYW	Connecticut,U.S.A.	41.9178N	71.5388W	380	
Bryn Du	SBYD	Wales,United Kingdom	52.9055N	3.2585W	489	
Bryson	PBYM	California,U.S.A.	35.8150N	121.0820W	335	
Bsor	BSO	Israel	31.2670N	34.4850E	140	
Bua	MBU	Fiji	16.9728S	178.7217E	549	
Buaraba 3	WBAQ	Queensland,Australia	27.3527S	152.3082E	549	
Bucak	BCK	Turkey	37.4608N	30.5890E	860	
Bucaramanga	BMG	Colombia	7.0717N	73.0753W	1000	
Bucaramanga	BCR	Colombia	7.0194N	73.1764W	750	
Buchan	BUV	Victoria,Australia	37.4983S	148.1680E	100	
Buchanan	BIPS	New York,U.S.A.	41.2678N	73.9473W	24	
Bucharest	BUC1	Romania	44.3479N	26.0281E	77	
Bucharest	BUC2	Romania	44.3479N	26.0281E	77	
Bucharest	BUC	Romania	44.4136N	26.0967E	82	
Bucharest-Childs Park	BAPR	Romania	44.4059N	26.1190E	103	
Bucharest-Geological Museum	BGMR	Romania	44.4553N	26.0851E	123	
Bucharest-Geotec Company	BTMR	Romania	44.4370N	26.1067E	140	
Bucharest-INCERC-borehole	BBIR	Romania	44.4411N	26.1618E	-88	
Bucharest-INCERC-Test Bldg	RBAR	Romania	44.4409N	26.1624E	115	
Bucharest-Old Court	BVCR	Romania	44.4301N	26.1017E	112	
Bucharest-Scientist's House	BSTR	Romania	44.4457N	26.0984E	125	
Bucharest-Stefan cel Mare Str.	BLHR	Romania	44.4525N	26.1122E	149	
Buchberg	BUB	Switzerland	47.7490N	8.6030E	740	
Buckhannon	BZ-	West Virginia,U.S.A.	38.7983N	80.3494W	457	
Buckhannon	BZ-WV	West Virginia,U.S.A.	38.7983N	80.3494W	457	
Buckingham	BU-	Quebec,Canada	45.7675N	75.5403W	183	
Buckingham	BU-QB	Quebec,Canada	45.7675N	75.5403W	183	
Buck Lake	BUKO	Ontario,Canada	45.4423N	79.3989W	317	
Buckleboo	BBOO	South Australia,Australia	32.8096S	136.0583E	295	
Bucklebury West	BUW	England,United Kingdom	51.4094N	1.2244W	125	
Buckrabanyule	BUCM	Victoria,Australia	36.2384S	143.4981E	200	
Bucksport	BPM	Maine,U.S.A.	44.6317N	68.7893W	80	
Buco	VBU	Luzon,Philippines	14.0870N	120.9870E		
Bucovina Array	BURAR	Romania	47.6148N	25.2168E	1150	
Bucovina Ar. Site	BUR08	Romania	47.6440N	25.2002E	1214	
Bucovina Ar. Site	BUR05	Romania	47.6326N	25.2175E	1182	
Bucovina Ar. Site	BUR04	Romania	47.6182N	25.2122E	1160	
Bucovina Ar. Site	BUR01	Romania	47.6147N	25.2167E	1149	
Bucovina Ar. Site	BUR03	Romania	47.6085N	25.2178E	1202	
Bucovina Ar. Site	BUR09	Romania	47.6164N	25.1902E	1253	
Bucovina Ar. Site	BUR02	Romania	47.6187N	25.2209E	1142	
Bucovina Ar. Site	BUR06	Romania	47.6169N	25.2444E	1211	
Bucovina Ar. Site	BUR07	Romania	47.6426N	25.2324E	1230	
Budapest	BUD	Hungary	47.4836N	19.0239E	196	
Budderoo	BUDM	New South Wales,Australia	34.6763S	150.6707E	604	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Budock Water	CBW1	England,United Kingdom	50.1482N	5.1144W	94	From 1981-01-01
Budoia	BDO	D'Entrecasteaux Islands,Papua New Guinea	9.6789S	150.8490E	1	From 1969-07-23 to 1969-07-28
Budva	BDV	Montenegro,Serbia and Montenegro	42.2834N	18.8279E	385	From 1983-12-25 to 2003-06-02
Buenavista	BUE	Veracruz,Mexico	19.4380N	96.5590W	200	
Buena Vista	BVA	Guatemala	14.6667N	90.6373W	2262	From 1973-03-01
Buena Vista	BUS	Costa Rica	9.5553N	83.7583W	3487	
Buenos Aires	BAA	Buenos Aires,Argentina	34.5917S	58.4833W	25	
Buenos Aires	BUAY	Trinidad and Tobago	10.1072N	61.6862W		
Buffalo	BUF	New York,U.S.A.	42.9255N	78.8528W	195	From 1912-01-01
Buffalo Canyon	BFC	Nevada,U.S.A.	38.8940N	119.6080W	1734	From 1978-01-01
Buffalo-Larkin	BFF	New York,U.S.A.	42.8475N	78.6442W	230	From 1951-03-01 to 1999-08-25
Buffalo Meadows, Empire	N06A	Nevada,U.S.A.	40.7484N	119.8346E	1341	From 2006-07-12 to 2008-04-14
Buffelsfontein	BFSF	Transvaal,South Africa	26.8650S	26.7860E	1374	From 2008-04-07
Buffelsfontein	BFS	Transvaal,South Africa	26.8983S	26.7850E	1310	From 1983-01-01 to 2000-09-01
Buffer Zone	CBZL	California,U.S.A.	37.6917N	121.7160W	175	From 1989-02-07
Buga	BUGC	Colombia	3.8933N	76.2569W	1200	
Buhlerhohe	BUH	Baden-Wuerttemberg,Germany	48.6755N	8.2284E	750	From 1967-02-01
Buia	BUA	Italy	46.2183N	13.1233E	320	From 1977-05-06
Buia	BUJI	Italy	46.2183N	13.1233E	320	From 1977-05-06
Bukit Timah Dairy	BTDF	Singapore	1.3608N	103.7729E	64	
Bulawayo	BUL	Zimbabwe	20.1433S	28.6133E	1341	From 1958-01-31
Bulengo	BULE	Congo (Kinshasa)	1.6280S	29.1380E	1480	
Bulgari	BLGM	Mongolia	48.7900N	103.5300E	1210	
Bulgheria - Camerota	BULG	Italy	40.0783N	15.3776E	815	From 2006-08-07
Bullion Camp, Hudson Bay	BULN	Nunavut,Canada	66.3971N	93.1252W	330	From 2006-08-17
Bull Mountain	BMBC	British Columbia,Canada	56.0450N	122.1310W	1100	
Bull Run Dam	BULL	Oregon,U.S.A.	45.4461N	122.1547W	222	
Bulochka	BLCS	Kamchatskaya Oblast',Russia	53.1930N	158.7940E	500	
Bulolo	BLLO	Papua New Guinea	7.2020S	146.6200E	700	From 1988-06-10
Bulukumba	BKSI	Sulawesi	5.3219S	120.1224E	0	From 2007-12-01
Bulusan	YBN	Luzon,Philippines	12.7320N	124.0250E		
Bumble Bee	BBUT	Utah,U.S.A.	40.7455N	112.0112W	1291	
Bunker Hill	BKHT	Tennessee,U.S.A.	35.5320N	83.9360W	843	From 1983-11-10
Bunnythorpe	BUN	North Island,New Zealand	40.2833S	175.6350E	60	From 1932-10-01 to 1968-10-31
Buntu Taipa	BUNI	Sulawesi,Indonesia	3.6578S	120.3230E	240	
Bunyan	BNN	Turkey	38.8520N	35.8460E	1350	
Burakin	WA4	Western Australia,Australia	30.6019S	117.2250E	320	From 1986-04-22
Burdekin Lookout	BURD	Queensland,Australia	20.6232S	147.1218E	291	
Burgeitz	BGG	Rheinland-Pfalz,Germany	50.2060N	7.3372E	140	From 1977-05-02
Burj al 'Arab	HBRG	Egypt	30.5743N	29.8393E	118	
Burke	BUJ	Idaho,U.S.A.	47.4650N	115.7820W	590	
Burlington	RD01	Ontario,Canada	43.4109N	79.8356W	142	
Burlington	BUR	Vermont,U.S.A.	44.8000N	73.1967W	100	From 1932-12-01 to 1956-12-31
Burlington	BUO	Ontario,Canada	43.3617N	79.7450W	88	From 1979-12-12 to 1980-05-01
Burma	BURJ	Jordan	32.2418N	35.8042E	1045	From 1983-09-01
Burn	BUWY	England,United Kingdom	53.7429N	1.0665W	5	
Burnie High School	BNE	Tasmania,Australia	41.0625S	145.8653E	70	
Burns	BURN	Oregon,U.S.A.	43.5731N	119.1303W	1615	
Burnt Mountain Array Beam Reference Point	BMAR	Alaska,U.S.A.	67.4289N	144.5807W	756	
Burnt Mountain Array Site 1	BM01	Alaska,U.S.A.	67.4507N	144.5273W	463	
Burnt Mountain Array Site 2	BM02	Alaska,U.S.A.	67.4297N	144.4915W	5296	
Burnt Mountain Array Site 3	BM3	Alaska,U.S.A.	67.4192N	144.6070W	802	From 1993-07-01
Burnt Mountain Array Site 4	BM04	Alaska,U.S.A.	67.4181N	144.5584W	516	
Burnt Mountain Array Site 5	BM05	Alaska,U.S.A.	67.4289N	144.5807W	756	
Burnt Peak	BTPC	California,U.S.A.	34.6823N	118.5740W	1702	
Burrinjuck	BJEM	Australian Capital Territory,Australia	34.9505S	148.6460E	400	
Burrinjuck Dam	BJDM	Australian Capital Territory,Australia	35.0041S	148.5819E	380	
Burton Butte	BUOR	Oregon,U.S.A.	42.2785N	122.2453W	1797	
Burvik	BURU	Sweden	64.5836N	21.3769E	100	From 2000-09-01
Burwash Landing	BH	Yukon Territory,Canada	61.3706N	139.1414W	861	From 1965-10-16 to 1965-11-15
Burwash Landing	BH-YK	Yukon Territory,Canada	61.3706N	139.1414W	861	From 1965-10-16 to 1965-11-15
Busan	KSBUS	South Korea	35.2486N	129.1125E	92	From 2001-12-28
Bush Stream	BSP	South Island,New Zealand	43.8706S	170.1040E	750	From 1975-06-01 to 1983-11-21
Bushy Park	BSZ	North Island,New Zealand	39.7987S	174.9310E	150	From 1990-06-01 to 2003-12-14
Busso	BSSO	Italy	41.5461N	14.5938E	1010	From 2005-01-17
Butare	BTR	Rwanda	2.6167S	29.7333E	1648	
Butare	AST	Rwanda	2.6167S	29.7333E	1648	
Butcher Ranch, Price	P17A	Utah,U.S.A.	39.4730N	110.7400W	1687	From 2007-07-14
Butembo	BTC	Congo (Kinshasa)	0.1333N	29.2667E	1720	From 1969-01-01
Butler Butte	BBOR	Oregon,U.S.A.	42.8868N	122.6796W	1671	From 1992-06-01
Butler Peak	BTL	California,U.S.A.	34.2572N	117.0030W	2526	
Butner	BUNC	North Carolina,U.S.A.	36.1764N	78.7631W	122	
Buton	BTNI	Sulawesi,Indonesia	5.0000S	122.9170E		
Butte	BUT	Montana,U.S.A.	46.0133N	112.5630W	1758	
Butte	F15A	Montana,U.S.A.	45.8409N	112.4929W	1995	From 2006-10-27
Butte a Klehm	BKM	Vanuatu	17.6683S	168.2430E	270	
Butte Creek Rim	LBCM	California,U.S.A.	40.8368N	121.3499W	1525	
Buttle Lake	BTB	British Columbia,Canada	49.4683N	125.5210W	1640	From 1984-09-01
Butuan	BTN	Mindanao,Philippines	8.9333N	125.5330E	2	From 1914-01-01 to 1943-12-31
Butuan	BTUP	Mindanao,Philippines	8.9690N	125.6210E	68	
BUYEO	KSBUY	South Korea	36.2683N	126.9204E	11	From 2006-11-24
Buynaks	BUJR	Dagestan,Russia	42.8250N	47.1083E	480	
Buyukada	BADT	Turkey	40.8523N	29.1175E	175	
Buzau	BUZR	Romania	45.1503N	26.8095E	139	From 2006-07-28
Buzias	BZS	Romania	45.6167N	21.6167E	260	
Buzzard Lagoon Road	JBZM	California,U.S.A.	37.0178N	121.7860W	213	From 1975-10-07
Buzz No.'s Place	BZNA	California,U.S.A.	33.4915N	116.6670W	1301	
Byrd	BYR	Marie Byrd Land,Antarctica	80.0167S	119.5170W	1515	From 1957-01-01 to 1969-01-31
Byrd (S.R.I.)	BSA	Marie Byrd Land,Antarctica	80.0055S	119.0430W	1449	
Byrd-Stanford Research Institute	BYA	Marie Byrd Land,Antarctica	80.0096S	119.4810W	1453	
Byrd-Stanford Research Institute	BY1	Marie Byrd Land,Antarctica	80.0055S	119.0430W	1449	
Byrd-Stanford Research Institute	BY3	Marie Byrd Land,Antarctica	79.9456S	119.7180W	1452	
Byrd-Stanford Research Institute	BY2	Marie Byrd Land,Antarctica	80.0773S	119.6830W	1449	
Byron Hot Springs	CBSM	California,U.S.A.	37.7968N	121.6460W	279	
Bytom	BYT	Poland	50.3622N	18.9144E	283	From 1960-01-01 to 1972-01-01
Byxelkrok	BYXU	Sweden	57.2899N	17.0083E	10	From 2002-11-05
C@19adrg	CADS	Slovenia	46.2280N	13.7369E	700	From 2003-10-01
C@19res@19njevec Ostr	CRES	Slovenia	45.8260N	15.4569E	431	
Ca@14liabad	GLBA	Azerbaijan	39.2420N	48.3930E	147	From 2003-08-01
Cabagna-an	VCB	Negros,Philippines	10.3620N	123.1170E	550	
Caballo Blanco	CABA	Venezuela	7.8558N	71.5022W	1600	From 1984-01-01
Cabbage Hill	CHOR	Oregon,U.S.A.	45.5908N	118.5790W	1076	
Cabildo	CBCH	Coquimbo,Chile	32.4269S	71.0689W	175	
Cabo de Gata	ACBG	Spain	36.7687N	2.1938W	64	
Cabonga Reservoir	CBRQ	Quebec,Canada	47.3091N	76.4707W	307	
Caborca	CBS	Sonora,Mexico	30.7283N	112.1600W	300	From 1972-07-30
Cabo Rojo, PR	CRPR	Puerto Rico	18.0064N	67.1096W	62	From 2005-03-08
Cabramurra	CAB	New South Wales,Australia	35.9267S	148.4330E	1610	From 1959-01-01 to 1972-08-09
Cabramurra	CBR	New South Wales,Australia	35.9433S	148.3930E	1537	From 1972-08-09
Cabrayil	DZB	Azerbaijan	39.4100N	47.0300E	680	From 1981-01-01 to 1993-01-01
Cabril	PCAB	Portugal	41.7102N	8.0270W	577	
Cacacuatique	CAHU	El Salvador	13.7707N	88.2110W	1682	
Cache Creek	CAHC	British Columbia,Canada	50.8253N	121.3278W	518	From 1962-07-22 to 1962-10-05
Cache Creek	CK	British Columbia,Canada	50.8253N	121.3278W	518	From 1962-07-22 to 1962-10-05
Cachucha Ranch	CCN	New Mexico,U.S.A.	36.8333N	106.8330W		
Cack Lake	CLSB	British Columbia,Canada	52.7587N	122.5551W	792	From 2006-09-02
Caconde	CACB	Sao Paulo,Brazil	21.6802S	46.7326W	1381	From 1993-03-01
Cactus Flat W	WCFM	California,U.S.A.	36.2083N	117.9040W	1384	From 1975-09-26
Cactus Flat West	CFWM	California,U.S.A.	36.2083N	117.9040W	1384	From 1975-09-26
Cactus Peak	CTS	Nevada,U.S.A.	37.6565N	116.7251W	1877	From 1979-04-24 to 2002-10-10
Cactus Peak W	WCPM	California,U.S.A.	36.0710N	117.8500W	1494	From 1975-09-26
Cactus Peak West	CPTM	California,U.S.A.	36.0710N	117.8500W	1494	From 1975-09-26
Cadarache	CDR	Provence-Cote d'Azur,France	43.6750N	5.7669E	368	From 1962-01-10
Cadiz	EXCA	Spain	36.5230N	6.2850W	57	
Cady Mountains	CAD	California,U.S.A.	34.8167N	116.3330W		
Cafayete	FSA	Salta,Argentina	26.0923S	66.0128W	1736	
Cagayan de Oro	CGP	Mindanao,Philippines	8.4548N	124.6942E	50	From 1977-10-01
Cagayan Oro	OMP	Mindanao,Philippines	8.4550N	124.6940E	50	From 1977-10-01
Cagliari Citta	CCI	Sardinia,Italy	39.2208N	9.1172E	50	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Cagliari Serpeddi	CA2	Sardinia,Italy	39.3622N	9.2971E	1050	From 1978-06-01
Cagliari Serpeddi	CGL	Sardinia,Italy	39.3622N	9.2972E	1050	From 1978-06-01
Caguas	CAG	Puerto Rico	18.2394N	66.0353W	350	From 1974-08-16 to 1975-07-17
Cahill	CAHL	Alaska,U.S.A.	58.0525N	155.3015W		From 1996-08-01
Cahill Ridge	CAHM	California,U.S.A.	37.5170N	122.3760W	323	
Cahto Peak	KCPM	California,U.S.A.	39.6863N	122.5824W	1261	From 1979-11-09
Cahuilla Valley	CAHC	California,U.S.A.	33.5037N	116.6985W	1219	
Cahul	KGL	Moldova	45.9050N	28.2010E	48	
Caicara del Orinoco	CAOV	Venezuela	7.3260N	66.3220W	72	From 2002-10-03
Caico	CAI	Rio Grande do Norte,Brazil	6.5260S	37.1380W	190	From 1983-05-31
Caiguire	CAIV	Venezuela	10.4695N	64.1731W	40	From 1993-04-01
Cairn Curran	CCRM	Victoria,Australia	36.9906S	143.9722E	230	
Cairnmuir Flats	CFC	South Island,New Zealand	45.1842S	169.2922E	576	
Cairnmuir Mts	CMCZ	South Island,New Zealand	45.1492S	169.2750E	1039	From 1985-12-01 to 1996-04-30
Cairns-h acc only	CNS2	Queensland,Australia	16.9110S	145.7105E	50	
Cairns-h seis/acc	CNS1	Queensland,Australia	16.9541S	145.7359E	129	
Cairo Montenegro	CKI	Italy	44.4197N	8.2786E	350	From 1983-10-01 to 2002-02-07
Cajamarca	PP16	Peru	7.1300S	78.5160W	2750	
Cakiroluk	DNZL	Turkey	37.6897N	29.0464E	1716	From 2002-11-06
Calabasas	CALB	California,U.S.A.	34.1401N	118.6284W	276	From 1994-01-01 to 2002-12-31
Calabor	ECAL	Spain	41.9413N	6.7371W	950	
Calabrutti - M.te Cervialto	MCRV	Italy	40.7826N	15.1684E	1191	From 2005-07-10
Calachota	PP02	Peru	12.6273S	75.9783W	1655	
Calama	CAC	Antofagasta,Chile	22.4797S	69.0261W	2000	
Calar Alto	ACLR	Spain	37.1897N	2.5822W	1490	
Calaveras Res.	CALM	California,U.S.A.	37.4512N	121.7990W	265	From 1967-10-19
Calaveras Reservoir	CVR	California,U.S.A.	37.4512N	121.7990W	265	From 1967-10-19
Calcutta	CAL	West Bengal,India	22.5392N	88.3307E	6	
Caldarusani	CDB	Romania	44.6769N	26.2706E	85	From 1979-01-01 to 1999-08-25
Caldas Novas	COR2	Goias,Brazil	17.7433S	48.6892W	950	
Caldeira	CALA	Azores,Portugal	38.5814N	28.7019W	875	
Caldera	CLD	Atacama,Chile	27.0833S	70.9333W		
Caldera	CDCH	Atacama,Chile	27.0730S	70.8289W	43	From 2004-07-30
Caldiran	CLDR	Turkey	39.1431N	43.9170E	2087	From 2004-12-16
Caldwell Ranch, Toyah	326A	Texas,U.S.A.	31.3165N	103.9786W	982	From 2008-03-19
Calebasse	PMCB	Martinique	14.7968N	61.1487W	730	
Calectric	CLTC	California,U.S.A.	34.0928N	117.3169W	325	
Caledonia Mountain	LMN	New Brunswick,Canada	45.8520N	64.8060W	363	From 1981-10-28
Calern	CALN	Provence-Cote d'Azur,France	43.7522N	6.8894E	1430	From 1982-06-01
Calern	CALF	Provence-Cote d'Azur,France	43.7523N	6.9220E	1242	
Calero Reservoir	CB2	California,U.S.A.	37.1908N	121.7650W	230	From 1968-10-01 to 1968-10-16
Caleta Campos	CCMX	Michoacan,Mexico	18.0533N	102.7500W		
Calhoun Falls	CHF	South Carolina,U.S.A.	34.0247N	82.5867W	152	From 1977-02-14 to 1989-04-30
CALICANTO	CLCV	Venezuela	10.2633N	67.5936W	554	From 2004-06-30
Calice	CALI	Italy	44.2413N	9.8348E	410	From 1995-04-01
Calico Hills	CDH1	Nevada,U.S.A.	36.8631N	116.3148W	1407	From 1980-02-01 to 2002-10-10
Calico Hills	CDH5	Nevada,U.S.A.	36.8631N	116.3148W	1077	From 1980-02-01 to 2002-10-10
Caliente	CQ-NV	Nevada,U.S.A.	37.9042N	114.4708W	1804	
Calif City Airt	CCAC	California,U.S.A.	35.1525N	118.0165W	710	
California City	CALC	California,U.S.A.	35.1035N	117.9480W	722	
California State, Hayward	CSH	California,U.S.A.	37.6575N	122.0530W	170	From 1972-01-01
Calipatria	CLIC	California,U.S.A.	33.1408N	115.5270W	-59	
Calistoga	CLS	California,U.S.A.	38.6367N	122.5850W	457	
Calitri	CLTR	Italy	40.9000N	15.4408E	670	
Callahan	M02C	California,U.S.A.	41.3920N	122.8538W	960	From 2005-06-30 to 2007-11-14
Callao Caves	CVP	Luzon,Philippines	17.7030N	121.8220E	60	From 1976-05-01
Callis Hollow Road	CHRY	New York,U.S.A.	41.2081N	74.2211W	183	
Cal Nev Ari	W12A	Nevada,U.S.A.	35.3010N	114.8701W	774	From 2006-03-25
Cal Poly Pomona	CPPC	California,U.S.A.	34.0602N	117.8090W	205	
Calstate	BAKC	California,U.S.A.	35.3444N	119.1044W	116	
Cal. St., Hayward	CSHM	California,U.S.A.	37.6575N	122.0530W	170	From 1972-01-01
Callabellotta	CLTB	Sicily,Italy	37.5786N	13.2156E	957	
Caltech Broad	CBCC	California,U.S.A.	34.1401N	118.1275W	239	
Caltech Cellar	CACC	California,U.S.A.	34.1368N	118.1220W	230	
Calugareni	CGN	Romania	44.1667N	26.0000E	78	
Calvario	CALV	Ecuador	1.5220S	77.9088W	1180	From 1994-01-21
Calvi	CVF	Corse,France	42.5675N	8.8694E	530	From 1975-10-01 to 1989-11-13
Calviac	CAF	Midi-Pyrenees,France	44.9258N	2.0644E	630	From 1977-09-01
Calvinia	CVNA	Cape Province,South Africa	31.4822S	19.7617E	1050	From 2004-03-01
Calvinia	CVN	Cape Province,South Africa	31.4500S	19.7617E	1050	
Calx Mountain	CLX	Montana,U.S.A.	48.2084N	115.1330W	1975	
Camacho	PT10	Peru	12.0750S	76.9690W	274	From 1984-03-12
Camarillo Hills	CAMC	California,U.S.A.	34.2545N	119.0333W	268	
Camas Ranch	MFID	Idaho,U.S.A.	43.4151N	115.8278W	1302	
Cambridge	CAM	Massachusetts,U.S.A.	42.3833N	71.1167W	5	From 1908-01-01 to 1930-12-31
Cambridge Bay Array Beam Reference Point	CBAR	Northwest Territories,Canada	69.1266N	105.1120W	40	
Cambridge Bay Array Site 1	CB01	Northwest Territories,Canada	69.1760N	105.2093W		
Cambridge Bay Array Site 11	CB11	Northwest Territories,Canada	69.1509N	105.0547W		
Cambridge Bay Array Site 12	CB12	Northwest Territories,Canada	69.1371N	105.1172W		
Cambridge Bay Array Site 13	CB13	Northwest Territories,Canada	69.1183N	105.1862W		
Cambridge Bay Array Site 14	CB14	Northwest Territories,Canada	69.1305N	105.2570W		
Cambridge Bay Array Site 15	CB15	Northwest Territories,Canada	69.1426N	105.3316W		
Cambridge Bay Array Site 16	CB16	Northwest Territories,Canada	69.1722N	105.3412W		
Cambridge Bay Array Site 17	CB17	Northwest Territories,Canada	69.1991N	105.3583W		
Cambridge Bay Array Site 18	CB18	Northwest Territories,Canada	69.2125N	105.2905W		
Cambridge Bay Array Site 19	CB19	Northwest Territories,Canada	69.2322N	105.2324W		
Cambridge Bay Array Site 2	CB02	Northwest Territories,Canada	69.1939N	105.1457W		
Cambridge Bay Array Site 3	CB03	Northwest Territories,Canada	69.1620N	105.1299W		
Cambridge Bay Array Site 31	CB31	Northwest Territories,Canada	69.1266N	105.1120W		
Cambridge Bay Array Site 32	CB32	Northwest Territories,Canada	69.2420N	105.5848W		
Cambridge Bay Array Site 33	CB33	Northwest Territories,Canada	69.3894N	105.2630W		
Cambridge Bay Array Site 34	CB34	Northwest Territories,Canada	69.2688N	104.8210W		
Cambridge Bay Array Site 35	CB35	Northwest Territories,Canada	69.2628N	105.2073W		
Cambridge Bay Array Site 4	CB04	Northwest Territories,Canada	69.1483N	105.1999W		
Cambridge Bay Array Site 5	CB05	Northwest Territories,Canada	69.1592N	105.2594W		
Cambridge Bay Array Site 6	CB06	Northwest Territories,Canada	69.1885N	105.2779W		
Cambridge Bay Array Site 7	CB07	Northwest Territories,Canada	69.2033N	105.2156W		
Cambridge Bay Array Site 8	CB08	Northwest Territories,Canada	69.2228N	105.1513W		
Cambridge Bay Array Site 9	CB09	Northwest Territories,Canada	69.2125N	105.0797W		
Cambridge (NY)	CAMB	New York,U.S.A.	43.0488N	73.2967W	287	
Camerino	CMR	Italy	43.1333N	13.0667E		
Camerino	CIO	Italy	43.1950N	13.1440E	956	
Campbell Island	CBZ	Campbell Island,New Zealand	52.5508S	169.1590E	30	From 1966-12-01 to 1990-02-25
Campbellpur	CBP	Pakistan	33.7325N	72.2302E		
Campbell River	CBB	British Columbia,Canada	50.0328N	125.3650W	317	From 1981-01-28
Camp Ben Lomond	JBLM	California,U.S.A.	37.1282N	122.1680W	792	From 1976-04-27
Camp Century	CGG	Greenland	77.1667N	61.1333W	1920	From 1962-11-30 to 1963-02-25
Camp Classen	CCOK	Oklahoma,U.S.A.	34.4577N	97.1556W	293	From 1994-08-10
Campeare	CAMV	Venezuela	10.5510N	63.3220W	1002	
Camp Elliot	CPE	California,U.S.A.	32.8889N	117.1051W	150	From 1972-11-01
Camp Elliot, Miramar	109C	California,U.S.A.	32.8889N	117.1051W	150	From 2004-05-04
Camp Garcia	CGV	Puerto Rico	18.1328N	65.3173W	130	From 1978-03-01 to 2002-10-10
Camp Murray	MURR	Washington,U.S.A.	47.1200N	122.5600W	10	
Campo	CP-	California,U.S.A.	32.7289N	116.3711W	1189	From 1961-10-01 to 1966-03-31
Campo	CP-CL	California,U.S.A.	32.7289N	116.3711W	1189	From 1961-10-01 to 1966-03-31
Campo Grande	CGTX	Texas,U.S.A.	31.3267N	105.7100W	1305	
Campone	CM6*	Sicily,Italy	38.2069N	15.4603E	0	From 1966-01-01 to 1967-01-01
Campora	CMPR	Italy	40.3181N	15.3030E	732	From 2005-10-13
Campos	CMPB	Brazil	21.7840S	41.4291W	56	
Campotosto	CAMP	Italy	42.5358N	13.4090E	1283	From 2003-10-06
Campotto Po	CMPO	Italy	44.5808N	11.8056E	2	From 2007-02-21
Camp Pendleton	CPT	California,U.S.A.	33.3025N	117.3400W	61	From 1975-01-01
Camp Six	KSXM	California,U.S.A.	41.8308N	123.8768W	1120	
Camp Six Broadband	KSXB	California,U.S.A.	41.8304N	123.8769W	1136	
Camp Tracy	CTU	Utah,U.S.A.	40.6925N	111.7503W	1731	
Camputlung	CLM	Romania	45.2683N	25.0383E	598	From 1943-03-01
Campus Universitario de Almeria	AALM	Spain	36.8300N	2.4017W	10	
Camp Williams	CWU	Utah,U.S.A.	40.4459N	112.1020W	1945	From 1974-10-01
Camsell Lake	CAMN	Northwest Territories,Canada	63.7321N	110.8989W	420	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Canada Road	CDC	California,U.S.A.	37.0253N 121.4840W	332	From 1967-10-13
Canada Road	HCAM	California,U.S.A.	37.0253N 121.4840W	332	From 1967-10-13
Canada Road	AN7*	California,U.S.A.	37.0253N 121.4840W	332	From 1967-10-13
Canakkale	CANB	Turkey	40.0167N 27.0624E	230	From 2004-10-02
Canalobre	ACU	Spain	38.5114N 0.4106W	580	From 1985-03-01
Canberra	CAN	Australian Capital Territory,Australia	35.3208S 148.9990E	700	
Canberra Magnetic Observatory	CNB	Australian Capital Territory,Australia	35.3150S 149.3630E	850	
Candela	FG4	Italy	41.1319N 15.5175E	450	
Candelaria	PCAN	Azores,Portugal	38.4637N 28.4853W	400	
Candelaria	CANR	Nevada,U.S.A.	38.1097N 118.1932W	2015	
Candelaria	PCND	Azores	38.4691N 28.4624W	650	From 2005-09-01
Candle	CDL	Alaska,U.S.A.	66.1140N 161.6570W	65	
Canebrake	CBKC	California,U.S.A.	32.8995N 116.2520W	414	
Caneva	CAE	Italy	46.0067N 12.4367E	870	From 1983-04-23
Canfield Road	NCFM	California,U.S.A.	38.3213N 122.7960W	98	From 1970-08-14
Canisius	CANY	New York,U.S.A.	42.9255N 78.8528W	192	From 1978-12-01 to 1982-03-18
Cankiri	CANT	Turkey	40.6061N 33.6196E	815	
Canlaon	VCN	Negros,Philippines	10.3970N 123.2070E	590	
Cannet Maures	CMF	Provence-Cote d'Azur,France	43.3573N 6.3895E	152	
Canning Dam	CANN	Western Australia,Australia	32.1522S 116.1277E	135	
Cannon Point	CAW	North Island,New Zealand	41.1089S 175.0680E	330	
Canovanas	CBYP	Puerto Rico	18.3000N 65.8000W	550	
Canovanas	CBYP	Puerto Rico	18.2710N 65.8560W	550	
Canlantal	ACAN	San Luis,Argentina	32.2741S 67.1886W	634	
Canterbury Laser	CRLZ	South Island,New Zealand	43.5769S 172.6208E	30	
Cantwell	CNA	Alaska,U.S.A.	63.3964N 148.9450W	700	From 1971-08-01 to 1976-09-30
Canyon Day Junior High, Whiteriver	Y18A	Arizona,U.S.A.	33.7776N 110.0341W	1512	From 2007-04-11
Canyon Junction	YPCJ	Wyoming,U.S.A.	44.7438N 110.4975W	2426	
Canyon Junction	CJW	Wyoming,U.S.A.	44.7343N 110.4980W	2395	From 1974-10-01 to 1999-08-25
Canyonlands National Park, Moab	R18A	Utah,U.S.A.	38.3862N 109.8942W	1828	From 2007-06-16
Capacho	CAPV	Venezuela	7.8650N 72.3140W	1800	From 2002-08-14
Cape Campbell	CMWZ	North Island,New Zealand	41.7492S 174.2138E	281	From 2003-12-10
Cape Campbell	CCW	South Island,New Zealand	41.7508S 174.2170E	216	From 1981-02-19 to 2004-04-14
Cape Darby	CDY	Alaska,U.S.A.	64.3475N 162.7840W	561	
Cape Douglas	CDD	Alaska,U.S.A.	58.9298N 153.6430W	622	From 1981-08-22
Cape Douglas	CDA	Alaska,U.S.A.	58.9553N 153.5290W	386	From 1974-01-01 to 1981-08-16
Cape Frico	AR7	Costa Rica	9.8503N 85.1164W	582	From 1976-05-15 to 1999-08-25
Cape Girardeau	CGM	Missouri,U.S.A.	37.3167N 89.5333W	134	From 1938-01-01
Cape Gloucester Airport	CGA	New Britain,Papua New Guinea	5.4500S 148.4200E	15	
Cape Good Hope	CGH	Cape Province,South Africa	33.9333S 18.4833E	13	
Cape Halllett	HLL	Victoria Land,Antarctica	72.3139S 170.2170E	2	From 1957-04-01 to 1964-10-31
Cape Kidnappers	CKHZ	North Island	39.6599S 177.0775E	209	From 2007-08-30
Cape Reinga	CRZ	North Island,New Zealand	34.4319S 172.6800E	140	From 1967-10-01 to 1999-08-25
Cape Romanzof	CPR	Alaska,U.S.A.	61.7900N 165.9550W		
Cape Saint James	SJB	British Columbia,Canada	51.9367N 131.0144W	100	From 1982-09-17
Cape San Juan	CSJ	Puerto Rico	18.3830N 65.6180W	66	From 1975-04-01 to 1999-08-25
Cape Sarichef	CSA	Alaska,U.S.A.	54.5944N 164.8750W	152	From 1970-11-28 to 1971-05-18
Capetown	KCTM	California,U.S.A.	40.4758N 124.3360W	409	
Cape Town	CTO	Cape Province,South Africa	33.9500S 18.4500E	100	
Cape Wrath	RCR	Scotland,United Kingdom	58.6240N 4.9986W	100	From 1995-09-10
Cape Yakataga	CYK	Alaska,U.S.A.	60.0830N 142.4850W	3	From 1989-01-01
Cape Yakataga	CYT	Alaska,U.S.A.	60.0744N 142.4110W	323	From 1978-08-08 to 1980-09-22
Cap Guir	CGR	Morocco	30.6300N 9.8800W	65	From 2001-06-02
Capitan	Y24A	New Mexico,U.S.A.	33.9257N 105.4361W	1827	From 2008-04-24
Capitol Peak	CPW	Washington,U.S.A.	46.9738N 123.1360W	792	From 1970-07-29
Capodimonte	CAP	Italy	40.8667N 14.2500E	129	
Capo Mulini Mare	SN1	Italy	37.5476N 15.3975E	-2065	From 2006-02-09
Capo Vaticano	CV6*	Sicily,Italy	38.6089N 16.8842E		From 1966-04-01 to 1966-05-01
Capo Vaticano	CVI	Italy	38.5923N 15.9038E		From 1978-04-01
Capps Glacier	CGLM	Alaska,U.S.A.	61.3077N 152.0070W	1082	
Capra Ranch	CAPCA	California,U.S.A.	33.3882N 117.1949W	285	
Caprese Michel	CRE	Italy	43.6197N 11.9508E	1170	From 1983-10-01
Caprock	Z26A	New Mexico,U.S.A.	33.2716N 103.9798W	1163	From 2008-04-17
Cap Rock	CPRX	New Mexico,U.S.A.	33.0308N 103.8670W	1356	
Cap Spartel	CPS	Morocco	35.7910N 5.9100W	326	
Captain Cook	CPH	Hawaii,U.S.A.	19.4882N 155.9180W	323	From 1973-09-20
Capurgana	CAPC	Colombia	8.6040N 77.3573W	50	
Caracas	CAR	Venezuela	10.5070N 66.9280W	1035	From 1962-05-24
Caraveli	CRV	Peru	15.7844S 73.3731W	1780	
Caravelle	CRM	Martinique	14.7537N 60.9155W	180	From 1973-01-01
Carcaliu	CFR	Romania	45.1780N 28.1362E	52	From 1977-03-01
Carcanieres	CARF	Midi-Pyrenees,France	42.7160N 2.1055E	1220	From 1998-07-10
Cardinia	CDNM	Victoria,Australia	37.9462S 145.4252E	252	
Carei	CEI	Romania	47.6850N 22.4585E	125	From 1979-01-01
Carey	J14A	Idaho,U.S.A.	43.3234N 113.5178W	1649	From 2007-08-11
Carriacou	GRCU	Grenada	12.4711N 61.4529W	240	
Caribou	CBM	Maine,U.S.A.	46.9325N 68.1208W	250	From 1962-10-01 to 1994-12-31
Carife	CAFE	Italy	41.0280N 15.2366E	1070	From 2005-07-10
Carlentini	HCRL	Sicily,Italy	37.2830N 15.0320E	190	From 1994-05-01
Carloforte	CRL	Sardinia,Italy	39.1333N 8.3167E	18	
Carlsbad	CLN	New Mexico,U.S.A.	32.4027N 103.7320W	1094	From 1974-04-05
Carlsbad	CLNB	New Mexico,U.S.A.	32.2642N 103.8790W	1045	
Carlsbad 2	CLN2	New Mexico,U.S.A.	32.3552N 103.7740W	1100	
Carlsbad 4	CLN4	New Mexico,U.S.A.	32.3533N 104.0290W	975	
Carlsbad 6	CLN6	New Mexico,U.S.A.	32.5208N 103.8790W	1100	
Carlsbad 7	CLN7	New Mexico,U.S.A.	32.4132N 103.8080W	1033	
Carlsbad E Tower	CBET	New Mexico,U.S.A.	32.4205N 103.9900W	1042	
Carlson Farm, Grass Valley	G06A	Oregon,U.S.A.	45.2357N 120.6351W	780	From 2006-08-15
Carmen	CARM	Ecuador	0.2410S 79.4965W	2330	
Carmenet Vineyard	CVS	California,U.S.A.	38.3453N 122.4584W	295	
Carmichael	CRG	Guadeloupe	16.0542N 61.6592W	1370	
Carmignano	CRMI	Italy	43.7900N 10.9700E	490	From 2006-10-12
Carmo do Cajuru	CDCB	Minas Gerais,Brazil	20.2365S 44.7182W	880	From 1993-01-01
Carnagh Station	CNGZ	North Island	38.4855S 178.2072E	175	From 2007-12-02
Carnasaw Mountain Lookout Tower	CRO	Oklahoma,U.S.A.	34.1499N 94.5556W	302	From 1977-05-17 to 1980-07-23
Carnegie Institution of Washington	DTM	District of Columbia,U.S.A.	38.9567N 77.0644W	67	
Carmenellis	CCA1	England,United Kingdom	50.1866N 5.2277W	210	From 1981-01-01
Carnsore Point	ECP	Ireland	52.1800N 6.3689W	5	From 1980-06-01 to 2002-01-06
Carolei	CARO	Italy	39.2540N 16.2190E	618	From 2006-08-07
Carovilli	CRVI	Italy	41.7239N 14.3056E	910	
Carovilli	CII	Italy	41.7230N 14.3050E	910	
Carpinone	CPI2	Italy	41.5853N 14.3186E	750	
Carquinez Bridge	CRQB	California,U.S.A.	38.0558N 122.2249W	-63	
Carrickbyrne Hill	ECB	Ireland	52.3661N 6.7811W	125	From 1981-02-01
Carrizo Plain	CARC	California,U.S.A.	35.3082N 119.8458W	765	
Carrizo Plain	CCR	California,U.S.A.	32.8863N 115.9680W	98	From 1973-04-06
Carrot	PCA1	Scotland,United Kingdom	55.7007N 4.2550W	302	From 1983-01-01
Carruther's Hill	CASA	Cape Province,South Africa	34.6990S 19.5900E	187	
Cars	CARS	Ecuador	2.4357S 78.9482W	3940	
Carson Hill	MCHM	California,U.S.A.	38.0187N 120.5100W	475	From 1972-04-19
Carson Hill	CRH	California,U.S.A.	38.0187N 120.5100W	475	From 1972-04-19
Cartagena	CART	Spain	37.5868N 1.0012W	65	
Carters Dam	CDG	Georgia,U.S.A.	34.6108N 84.6713W		From 1975-01-01
Carthage	CTNY	New York,U.S.A.	43.9879N 75.6453W	187	From 2005-11-08 to 2007-06-27
Carthage	CRNM	New Mexico,U.S.A.	33.9525N 106.7340W	1662	
Cartuja	CRT	Spain	37.1900N 3.5956W	774	
Caruaru	CAUB	Pernambuco,Brazil	8.1768S 36.0093W	479	From 2002-02-07
Carupano	CRUV	Venezuela	10.6748N 63.2363W	20	From 1993-04-01
Carvers	Q09A	Nevada,U.S.A.	38.8340N 117.1816W	1703	From 2006-04-13 to 2008-03-22
Caryville	CA-	Tennessee,U.S.A.	36.1444N 84.1897W	305	
Caryville	CA-TN	Tennessee,U.S.A.	36.1444N 84.1897W	305	
Casacalenda	CSCL	Italy	41.6948N 14.8320E	905	From 2002-11-28
Casa Diablo	DBOG	California,U.S.A.	37.6528N 118.9180W	2243	From 1984-07-01
Casa Diablo Hot Springs	MCSM	California,U.S.A.	37.6550N 118.9040W	2420	From 1982-08-05
Casa Diablo Mountain	CASR	California,U.S.A.	37.5748N 118.5520W	2170	From 1980-06-01
Casa Juvan	CJV	California,U.S.A.	34.5305N 118.1440W	1341	
Casamari	CAS	Italy	41.6333N 13.3667E		
Casamicciola	CSM	Italy	40.7500N 13.9000E	123	
Casa Rosa Ranch, Morrilstown	Y15A	Arizona,U.S.A.	33.9535N 112.3331W	572	From 2007-03-20

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Cascade Tunnel	CC-WA	Washington,U.S.A.	47.7692N	121.0836W	1036	
Case Bada	ECBD	Sicily,Italy	37.7795N	15.0863E	1420	From 1994-10-01
Case del Piano	ECPN	Sicily,Italy	37.7428N	14.9885E	2985	From 1993-11-01
Case del Vescovo	ECVS	Sicily,Italy	37.7030N	15.0177E	1950	From 1994-10-01
Casera Mimoiias	CSMI	Italy	46.5120N	12.6520E	1635	
Casera Razzo	CSZ	Italy	46.4731N	12.6172E	1825	From 1988-01-01 to 1994-10-12
Casey	CASY	Enderby Land,Antarctica	66.2792S	110.5364E	154	
Casey Station	CSY	Wilkes Land,Antarctica	66.2894S	110.5290E	56	
Case Zampini	ECZM	Sicily,Italy	37.7308N	14.9040E	1342	From 1992-12-01
Cashmere	CMZ	South Island,New Zealand	43.5861S	172.6400E	255	From 1978-09-07 to 1990-04-30
Casias Ranch, Antonito	T23A	Colorado,U.S.A.	37.0361N	106.0372W	2429	From 2008-06-06
Casigua	CSV	Venezuela	8.5040N	72.5220W	50	
Casitas Dam	BCD	California,U.S.A.	34.3687N	119.3440W	213	From 1971-11-01
Casitas Lake	BCL	California,U.S.A.	34.4125N	119.3610W	177	From 1969-11-24 to 1971-10-05
Casr Tuba	CSTJ	Jordan	31.1200N	36.6770E	760	From 1990-03-24
Casr Tuba	QTBJ	Jordan	31.1200N	36.6770E	760	From 1990-03-24
Cassa de la Selva	CCAS	Spain	41.8840N	2.9053E	197	From 2004-12-01
Cassano Ionio	CSI	Italy	39.7765N	16.2894E	507	From 1979-05-01
Cassano Irpino	CSSN	Italy	40.8608N	15.0239E	690	
Casso	CSO	Italy	46.2733N	12.3239E	1070	From 1988-01-01
Cassop	LCP	England,United Kingdom	54.7368N	1.4741W	185	From 1991-01-01
Castanea	MSRU	Sicily,Italy	38.2630N	15.5090E	335	From 1993-12-01
Castelbuono	CSLB	Sicily,Italy	37.9374N	14.0579E	583	
Castel del Monte	CDT	Italy	41.0820N	16.2740E	500	
Castel Frentano	CAFR	Italy	42.2273N	14.3470E	250	From 2006-11-15
Castella	LCAM	California,U.S.A.	41.1688N	122.2728W	689	
Castellane	OG32	Rhone-Alpes	43.8103N	6.5593E	1130	From 1991-05-03
Castellina Chianti	CSNT	Italy	43.4722N	11.2911E	573	
Castelmola	ECML	Sicily,Italy	37.8692N	15.2637E	810	From 1994-10-01
Castelo Branco	PCBR	Portugal	39.8403N	7.4775W	180	From 1994-05-10
Castel Tesino	CTI	Italy	46.0481N	11.6498E	1189	
Castelvetrano	CVT	Sicily,Italy	37.6780N	12.7920E	0	From 1986-01-01
Castelvetrano	CAVT	Sicily,Italy	37.6788N	12.7556E	158	From 2000-07-01
Castiglione	ECTS	Sicily,Italy	37.8820N	15.1210E	681	From 1989-07-01
Castiglione della Pescaia	CASP	Italy	42.7908N	10.8652E	390	From 2007-05-30
Castiglione Fiorentino	CAFI	Italy	43.3292N	11.9663E	547	From 2007-09-12
Castle Douglas	GCD	Scotland,United Kingdom	54.8638N	3.9417W	189	From 1989-01-01
Castle Hill	CAH	New South Wales,Australia	34.6433S	149.2420E	700	From 1970-01-01
Castle Mountain	CTM	California,U.S.A.	35.9317N	120.3370W	1189	From 1970-12-15
Castle Mountains	CMJ	Jamaica	18.1358N	76.3727W	333	
Castle Mt.	PCAM	California,U.S.A.	35.9317N	120.3370W	1189	From 1970-12-15
Castlepoint	CAZ	North Island,New Zealand	40.9042S	176.2260E	6	From 1968-02-20 to 1988-11-30
Castle Rock	CTR	New York,U.S.A.	43.8742N	74.4600W	585	From 1971-09-01
Castle Rock	CRC	California,U.S.A.	37.2417N	122.1300W	607	From 1966-03-01 to 1977-06-01
Castle Rock Springs	GCRM	California,U.S.A.	38.7732N	122.7150W	719	From 1979-05-08
Castle Valley Ranch, Emery	Q16A	Utah,U.S.A.	38.9176N	111.1716W	1912	From 2007-05-31
Castor Lake	CTLN	Yukon Territory,Canada	64.4287N	116.0189W	552	
Castroccucco	CUC	Italy	39.9931N	15.8156E	665	
Castroreale	MCSR	Sicily,Italy	38.0640N	15.2500E	1010	From 1993-12-01
Castro Verde	PCVE	Portugal	37.6320N	8.0390W	234	From 2007-12-11
Castrovirreyrna	CST	Peru	13.2917S	75.3233W	3947	
Catak	CTK	Turkey	40.6900N	34.8261E	1250	From 1991-01-01
Catalca	ELBA	Turkey	41.1469N	28.4307E	331	From 2005-09-20
Catalca	CTT	Turkey	41.1473N	28.4297E	324	From 1978-08-01
Catalca	CTTX	Turkey	41.3420N	28.3580E	378	
Catalina I. Airport	CIAC	California,U.S.A.	33.4019N	118.4137W	467	
Catalina Island	CIU	California,U.S.A.	33.4458N	118.4830W	203	
Catalina Island	CIS	California,U.S.A.	33.4067N	118.4030W	485	From 1971-07-01 to 2008-07-16
Catania	CAT	Sicily,Italy	37.5142N	15.0972E	20	
Catapilco	CTP	Aconcagua,Chile	32.5717S	71.3117W	116	From 1970-08-01
Cataract Bedrock	CTBM	New South Wales,Australia	34.2648S	150.8107E	322	
Cataract Dam	CTDM	New South Wales,Australia	34.2672S	150.8023E	294	
Catarman	CNP	Samar,Philippines	12.5105N	124.6632E	294	From 1980-09-04
Cat Creek Ranch, Riddle	L11A	Idaho,U.S.A.	42.1669N	115.7541W	1511	From 2007-01-08
Catenanuova	ECNV	Sicily	37.5956N	14.7125E	475	From 2007-01-30
Catfish Pond	CNJ	New Jersey,U.S.A.	41.0358N	75.0042W	351	From 1973-02-01 to 1974-07-31
Cathedral Cave	CCM	Missouri,U.S.A.	38.0557N	91.2446W	223	
Catron	CATM	Missouri,U.S.A.	36.6129N	89.6472W	82	
Catuaro Arriba	CATA	Venezuela	10.6010N	63.0700W	360	
Cauayan	CAUP	Luzon,Philippines	16.9440N	121.8230E	50	
Cauldkaine Hill	ECK	Scotland,United Kingdom	55.1811N	3.1272W	336	From 1981-09-01
Causey	Y27A	New Mexico,U.S.A.	33.8839N	103.1633W	1253	From 2008-04-18
Cauta	CTAS	El Salvador	13.7489N	89.8653W	355	
Cavalese	CAV	Italy	46.2931N	11.4619E	1050	From 1981-06-15
Cave	KCA	Kerguelen Islands	49.3480S	70.2180E	0	From 1974-02-01
Cavedale Road	CRD	California,U.S.A.	38.3698N	122.4620W	620	From 1971-03-08
Cavedale Road	NCDM	California,U.S.A.	38.3698N	122.4620W	620	From 1971-03-08
Cave In Rock	CIRL	Illinois,U.S.A.	37.5119N	88.1081W	119	
Cave Junction	L02A	Oregon,U.S.A.	42.1560N	123.6018W	484	From 2005-12-16 to 2007-11-29
Cave Mountain	CAVC	California,U.S.A.	35.0523N	116.3392W	664	
Cavillon	CAVM	New South Wales,Australia	29.6478S	151.6238E	982	
Cavuskoj	CAVI	Turkey	40.2022N	29.8425E	460	From 1993-01-01
Cawcaw Swamp	CCS	South Carolina,U.S.A.	32.8161N	80.2553W	9	From 1976-03-31
Cayambe	CAYA	Ecuador	0.0715N	77.9902W	4143	From 1988-10-14
Cayambe	CASW	Ecuador	0.0160N	78.0063W	4889	
Cayambe Volc	ELAGU	Ecuador	0.0236S	77.9903W	4218	From 2002-12-12
Cayenne	CAY	French Guiana	4.9480N	52.3167W	25	From 1985-07-22
Cazenovia	CAZE	New York,U.S.A.	42.9313N	75.9200W	301	
Cccc	CCCC	Cuba	21.2000N	77.7660W	0	
C.da Z Pietro	EZPO	Sicily,Italy	37.8230N	15.1068E	847	From 1994-10-01
Ceahlau	CEA	Romania	46.9758N	25.9511E	1699	From 1982-09-01 to 1989-01-01
Cebu City	CCP	Cebu,Philippines	10.3313N	123.9062E	36	
Cedar Bluff	CBKS	Kansas,U.S.A.	38.8140N	99.7374W	667	From 1994-09-01
Cedar Butte	CBTI	Idaho,U.S.A.	43.3875N	112.9120W	1754	From 1986-07-11
Cedar Butte	CIB	Idaho,U.S.A.	43.4011N	112.9420W	1611	From 1979-11-18 to 1986-07-11
Cedar City	CCUT	U.S.A.	37.5506N	113.3627W	2127	
Cedar City	S14A	Utah,U.S.A.	37.7601N	113.1684W	1746	From 2007-01-27
Cedar City	CCU	Utah,U.S.A.	37.6753N	113.0690W	1775	From 1968-12-01
Cedar Cove	CVE	Utah,U.S.A.	38.4642N	112.8520W	1890	
Cedar Creek	CDO	Oklahoma,U.S.A.	34.1904N	94.7726W	230	From 1980-08-01 to 1981-03-25
Cedar Creek Ranch, Saratoga	M22A	Wyoming,U.S.A.	41.4033N	106.5958W	2334	From 2007-11-25
Cedaredge	CECO	Colorado	38.8310N	107.9810W	1692	
Cedar Flats	CDFW	Washington,U.S.A.	46.1162N	122.0470W	780	
Cedar Mountain	CMU	Utah,U.S.A.	39.1713N	110.6190W	2332	From 1978-06-01 to 1990-08-14
Cedar Springs	CSP	California,U.S.A.	34.2980N	117.3570W	1268	From 1969-07-01
Cedar Springs	CED	California,U.S.A.	34.2772N	117.3340W	1067	From 1965-03-01 to 1967-07-31
Cedral	CDRL	Costa Rica	10.5252N	83.6873W	51	
Cedral	CDL2	Costa Rica	10.5252N	83.6873W	51	
Cedros	CDRO	Azores,Portugal	38.6292N	28.6992W	195	
Cedros	PCED	Azores,Portugal	38.6283N	28.7017W	200	
Cedros	CEDR	Azores,Portugal	38.6341N	28.6986W	100	From 1993-04-07
Ceiba Bonita	SDD09	Dominican Republic	19.2533N	69.6073W	465	
Celeste	CEL	Italy	38.2594N	15.8939E	690	
Cemisgezok	CEM	Turkey	39.0579N	38.9234E	1076	From 1973-09-10
Centennial Lake Park	CLPO	Ontario,Canada	45.2460N	76.9642W	272	
Centennial Mountain	CMI	Idaho,U.S.A.	44.5253N	111.6220W	2377	
Centerville	CV-	Tennessee,U.S.A.	35.7700N	87.3844W	183	From 1961-11-25 to 1962-10-05
Centerville	CV-TN	Tennessee,U.S.A.	35.7700N	87.3844W	183	From 1961-11-25 to 1962-10-05
Central Fire St	CFSC	California,U.S.A.	34.1054N	117.2829W	312	
Central Michigan University	MTPM	Michigan,U.S.A.	43.5872N	84.7743W	178	
Central Minnesota Array	CM5	Minnesota,U.S.A.	45.7830N	93.3234W	298	From 1977-01-01
Central Minnesota Array	CM1	Minnesota,U.S.A.	45.9337N	93.3528W	324	From 1977-01-01
Central Minnesota Array	CM2	Minnesota,U.S.A.	45.9741N	93.1618W	323	From 1977-01-01
Central Minnesota Array	CM6	Minnesota,U.S.A.	45.8599N	93.1977W	310	From 1977-01-01
Central Minnesota Array	CM3	Minnesota,U.S.A.	43.8747N	93.0097W	294	From 1977-01-01
Central Minnesota Array	CM4	Minnesota,U.S.A.	45.7500N	93.1019W	298	From 1977-01-01
Central Park	CPNY	New York,U.S.A.	40.7912N	73.9600W	27	
Central Site	MCEM	California,U.S.A.	37.9388N	120.5293W	373	
Centro de Investigaciones Geotecnicas	CIGS	El Salvador	13.6981N	89.1733W	616	From 1991-12-01 to 2003-03-28

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Cent US Eq Cons	CUET	Tennessee,U.S.A.	35.0072N	89.9756W	104	
Ceres	CER	Cape Province,South Africa	33.3617S	19.2933E	472	
Ceresole Reale	LSD	Italy	45.4577N	7.1557E	2284	
Cerknica	CEY	Slovenia	45.7388N	14.4267E	579	From 1975-08-15
Cernavoda	CVD	Romania	44.3145N	28.0326E	82	
Cernica	CNCR	Romania	44.4439N	26.2619E	105	From 2004-08-17
Cerre-les-Noroy	CNF	Franche Comte,France	47.5828N	6.3177E	305	
Cerrito	CERT	Italy	41.9490N	12.9820E	755	From 2003-04-23
Cerrillo	CRX	Mexico D.F.,Mexico	19.4064N	99.6800W	2997	From 1978-11-29
Cerrillos	CELP	Puerto Rico	18.0746N	66.5795W	195	
Cerrillos	CLLP	Puerto Rico	18.0800N	66.5767W	195	From 1991-04-01 to 1999-08-25
Cerro Adams	ACR	Costa Rica	8.6532N	83.1680W	500	
Cerro Alto Campground	PCGM	California,U.S.A.	35.4253N	120.7390W	314	
Cerro Antonio	CANV	Venezuela	11.0390N	68.8280W	450	From 1993-04-01
Cerro Azul	CZL	New Mexico,U.S.A.	36.2833N	105.9103W	2128	
Cerro Blanco	BCO	San Juan,Argentina	31.4878S	68.8104W	1059	
Cerro Blanco	RTCB	San Juan,Argentina	31.4878S	68.8104W	1059	
Cerro Bola	CBX	Baja California,Mexico	32.3137N	116.6630W	1250	From 1982-01-05
Cerro Calan	CLCH	Santiago,Chile	33.3961S	70.5369W	865	
Cerro-Chispas-Manabi	CHIS	Ecuador	1.0493S	80.7260W	324	From 2006-11-10
Cerro Coronel	ACCO	San Juan,Argentina	30.5879S	69.0820W	2933	
Cerro de Hojas	HOJA	Ecuador	1.0505S	80.5460W	500	From 1993-01-22
Cerro de Hula	CHUH	Honduras	13.9417N	87.2333W	1720	
Cerro de Hule	HLH	Honduras	13.8375N	87.2583W	0	From 1990-07-01
Cerro del Durazano	CDN	New Mexico,U.S.A.	35.4546N	107.3480W	2591	From 1976-01-01
Cerro de Muerte	CDM	Costa Rica	9.5552N	83.7657W	3470	From 1984-03-07
Cerro de Punta	CDP	Puerto Rico	18.1751N	66.5913W	1300	From 1975-07-30
Cerro de Punta	CDPB	Puerto Rico	18.1700N	66.5900W	1300	
Cerro Diablo	CEDI	Venezuela	7.6540N	71.8850W	900	From 1984-01-01
Cerro El Oso	CEOS	Venezuela	9.0299N	68.3434W	404	From 1986-12-01
Cerro El Roble	ELRO	Santiago,Chile	32.9753S	71.0153W	2185	
Cerro Encantado	CEO	Oaxaca,Mexico	16.2333N	97.0183W	3000	
Cerro Gallo	CGAC	Costa Rica	10.0310N	84.4757W	1300	From 1996-01-01
Cerro Gallo 2	CGA2	Costa Rica	10.0162N	84.4655W	1200	
Cerro Gordo	CGO	California,U.S.A.	36.5504N	117.8029W	2795	
Cerro Gordo	CGVM	Mexico D.F.,Mexico	19.7500N	98.8293W		
Cerro Jefe	JEF	Panama	9.2188N	79.3738W	977	
Cerro Kenedy	KEKC	Colombia	11.1108N	74.0477W	2560	
Cerro la Pandura	CPD	Puerto Rico	18.0389N	65.9154W	370	From 1975-07-30
Cerro Moro	ELMO	Venezuela	8.0131N	71.7169W	2100	From 1984-01-01
Cerron	CERV	Venezuela	10.3112N	70.6742W	1730	
Cerronegro	CEN	San Juan,Argentina	31.5758S	68.7542W	900	
Cerro Negro	ECEN	Ecuador	0.8238N	77.9713W	4230	From 1992-03-29
Cerro Negro	CNGN	Nicaragua	12.5000N	86.6985W	515	
Cerro Negro	CENE	Venezuela	7.7639N	71.3228W	400	From 1984-01-01
Cerro Pandura	CPDB	Puerto Rico	18.0600N	65.8600W	370	
Cerro Paranal	CPN1	Antofagasta,Chile	24.6259S	70.4040W	2600	From 2003-03-16
Cerro Prieto	CPBX	Baja California,Mexico	32.4177N	115.3040W	118	From 1981-10-02
Cerro San Cristobal	SCRT	Spain	36.6350N	6.1750W	73	
Cerro Toribio	GTV	Venezuela	7.6083N	63.1017W	380	
Cerro Valdivia	VAA	San Juan,Argentina	31.8617S	68.5412W	734	
Cerro Valdivia	RTCV	San Juan,Argentina	31.8617S	68.5412W	734	
Cerro Villicun	RTLL	San Juan,Argentina	31.3286S	68.4758W	720	
Cervenica-Dubnik	CRVS	Slovakia	48.9022N	21.4614E	476	
Cesana Torinese	RRL	Italy	44.9202N	6.7845E	2131	
Cescau	CESL	Aquitaine,France	43.4019N	0.5319W	220	
Cesi	CESX	Italy	42.6100N	12.5800E	380	From 2008-07-18
CESI - Serravalle di Chienti	CESI	Italy	43.0049N	12.9046E	840	From 2007-01-08
Cesta pri Krskem	CESS	Slovenia	45.9734N	15.4631E	382	From 1996-12-01
Ceuta	CEUT	Ceuta,Spain	35.8830N	5.3263W	100	
Ceuta	ECEU	Spain	35.8978N	5.3768W	278	From 2007-04-11
Ceuta	CEU	Spain	35.8987N	5.3731W	0	
Ceyhan	CEYT	Turkey	37.0100N	35.7480E	100	
Chacachacare	TGE	Trinidad and Tobago	10.6970N	61.7530W	240	
Chacarita	CCR	Buenos Aires,Argentina	34.5833S	58.4667W		
Cha da Macela	CMLA	Azores,Portugal	37.7637N	25.5243W	332	
Cha da Macela	CML	Azores,Portugal	37.7708N	25.5459W	291	From 1981-01-01
Chadas Angostura	CHCH	Santiago,Chile	33.9333S	70.6525W	680	From 1982-01-01
Chaffey Accelerograph	CHAM	New South Wales,Australia	31.3497S	151.1379E	553	
Chaffey Dam	CHFM	New South Wales,Australia	31.3265S	151.1164E	580	
Chagan-Uzun	CUR	Altayskiy Kray,Russia	50.1000N	88.3500E	1500	
Chagda	CGD	Sakha,Russia	58.7500N	130.6167E	178	
Chaguaramas	TCHG	Trinidad and Tobago	10.6800N	61.6600W	21	From 2004-07-03
Chagyl	CAGT	Turkmenistan	40.7820N	55.3860E	144	
Chaix Hills	CHX	Alaska,U.S.A.	60.0630N	141.1170W	1067	From 1974-09-04
Chakachamna Lake	CKL	Alaska,U.S.A.	61.1965N	152.3380W	1265	From 1989-01-01
Chakachatna North	CKN	Alaska,U.S.A.	61.2240N	152.1810W	735	From 1991-08-19
Chala	CHAG	Georgia	42.7279N	42.0265E	305	From 1973-01-01
Chala	CLA	Peru	15.8603S	74.2433W	32	
Chalampe	CHAF	Alsace,France	47.8122N	7.5403E	-285	
Chalhuanca	PP08	Peru	14.2883S	73.2447W	3000	
Chalk River	CRLO	Ontario,Canada	46.0375N	77.3801W	168	
Chalk River	CKO	Ontario,Canada	45.9944N	77.4500W	191	From 1981-01-12
Chalk Rock	KCRM	California,U.S.A.	40.4263N	123.8190W	896	
Challis	H13A	Idaho,U.S.A.	44.5642N	114.2545W	1563	From 2006-12-30
Challis	CL-ID	Idaho,U.S.A.	44.4911N	114.3417W	2256	From 1966-05-23 to 1966-05-24
Challis	CL-	Idaho,U.S.A.	44.4911N	114.3417W	2256	From 1966-05-23 to 1966-05-24
Chama	CNM	New Mexico,U.S.A.	36.9167N	106.5690W		
Chamberlain	HCBM	California,U.S.A.	36.9313N	121.6600W	219	From 1969-01-01
Chamberlain	CBC	California,U.S.A.	36.9313N	121.6600W	219	From 1969-01-01
Chamberlain Mountain	CHMT	Montana,U.S.A.	46.9143N	113.2520W	2077	
Chamberlain Ridge	GCBM	California,U.S.A.	39.3838N	123.5210W	560	
Chambon-Foret	CLF	Centre,France	48.0167N	2.2667E		
Chamela	CJM	Jalisco,Mexico	19.4990N	105.0430W	129	
Cham-Katzbach	CHKA	Bayern	49.2410N	12.6498E	276	From 2004-06-01
Champ du Feu	CDF	Alsace,France	48.4122N	7.2761E	1068	From 1972-11-22
Chanaral	CAA	Atacama,Chile	26.3303S	70.6139W	2	From 1977-01-01
Chanarkot	CKP	Pakistan	34.0227N	72.7733E	1195	
Chanca	CNCB	Bolivia	16.8127S	67.9821W	4325	From 1982-01-01
Chanco	CNCO	Maule,Chile	35.7349S	72.5330W	50	From 2004-11-17
Changalane	CNG	Mozambique	26.2917S	32.1883E	100	From 1961-01-01
Changchun	CNH	Jilin,China	43.8292N	125.3130E	236	From 1976-10-15 to 1999-08-25
Changchun	HSK	Jilin,China	43.9167N	125.3000E	250	
Changchun	CN2	Jilin,China	43.8014N	125.4480E	230	From 1976-10-15
Changhua City	WCH	Taiwan region	24.0820N	120.5570E	17	From 1999-08-04
CHANGNYEONG	KSCHR	South Korea	35.5440N	128.4907E	105	From 2006-12-30
Changuinola	CNI	Panama	9.4167N	82.5168W	20	From 1993-04-18
Changyeh	CYEH	Gansu	38.9333N	100.5833E	0	From 1955-01-01
Chania	CHAN	Crete	35.5192N	24.0425E	34	From 2006-12-01
Chanki	CHKI	Nagaland,India	26.4292N	94.3983E	950	
Channel	CHNM	Missouri,U.S.A.	36.0419N	89.9286W	74	
Chantaburi	CHAT	Thailand	12.5167N	102.1667E	22	From 1996-05-01
Chaparral, Anthony	223A	New Mexico,U.S.A.	32.0062N	106.4276W	1232	From 2008-03-28
Chapelcross	BCC1	Scotland,United Kingdom	55.0153N	3.2201W	138	From 1992-01-01
Chapel Hill	CEH	North Carolina,U.S.A.	35.8908N	79.0928W	152	From 1975-08-01 to 2004-03-05
Chapel Hill	CHC	North Carolina,U.S.A.	35.9028N	79.0506W	149	From 1953-01-01 to 1970-12-31
Chaplin	CPL	Connecticut,U.S.A.	41.7890N	72.1072W	161	From 1972-01-19 to 1974-07-23
Chapri	CPA	Pakistan	32.9805N	71.4237E	335	
Chaqaral	CRCH	Atacama,Chile	26.3455S	70.6214W	10	From 2004-07-30
Chara	CRS	Irkutskaya Oblast',Russia	56.9000N	118.2689E	700	
Charan	CHTH	Iran	35.9080N	51.1260E	2250	From 2005-10-01
Charjew	CHDS	Turkmenistan	39.0750N	63.5930E	190	
Charlesbourg	CHQ	Quebec,Canada	46.8897N	71.3000W	145	From 1971-11-11 to 1982-07-04
Charleston	CHRM	Missouri,U.S.A.	36.8515N	89.3621W	93	
Charleston Southern University	CSU	South Carolina,U.S.A.	32.9860N	80.0707W		
Charley	NYC	Nevada,U.S.A.	37.1550N	116.1550W	1695	From 1971-01-01 to 1973-01-31
Charlottesville	CVV	Virginia,U.S.A.	37.9814N	78.4608W	167	From 1978-07-01
Charlottesville	CTV	Virginia,U.S.A.	38.0326N	78.5228W	264	From 1973-07-04 to 1974-01-31
Charlottesville	CVL	Virginia,U.S.A.	37.9814N	78.4608W	167	From 1978-07-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Charlottesville	CVVA	Virginia,U.S.A.	38.0218N	78.5321W	159	
Charlottesville	CLT	Virginia,U.S.A.	38.0333N	78.5167W	150	
Charly	CHAR	Ecuador	0.0867S	77.6708W	3315	From 1973-01-01 to 1973-12-31
Charmwood Forest	CWF	England,United Kingdom	52.7383N	1.3072W	186	From 2005-06-17
Charter Oak	COKM	Missouri,U.S.A.	36.7101N	89.7262W	87	From 1974-10-18
Charters Towers	CTAO	Queensland,Australia	20.0883S	146.2540E	357	From 1976-10-09
Charters Towers	CTA	Queensland,Australia	20.0883S	146.2540E	357	From 1957-09-15
Chase Mountain	VCCMM	Oregon,U.S.A.	42.0955N	121.9890W	1889	
Chase Ranch	HCRM	California,U.S.A.	36.9577N	121.5840W	241	From 1967-10-05
Chase Ranch	AN6*	California,U.S.A.	36.9577N	121.5840W	241	From 1967-10-05
Chase Ranch	CSR	California,U.S.A.	36.9577N	121.5840W	241	From 1967-10-05
Chateau	CNZ	North Island,New Zealand	39.2000S	175.5480E	1116	From 1961-01-01
Chatham Island	CTZ	Chatham Islands	43.7355S	176.6172W	99	From 2007-12-18
Chatham Islands	CIZ	Chatham Islands,New Zealand	43.9550S	176.5660W	45	From 1932-08-01 to 2003-08-15
Chatra	CHA	Nepal	26.8333N	87.1667E	161	
Chats Falls	CFO	Ontario,Canada	45.4692N	76.2292W	70	From 1977-10-06 to 1979-02-16
Chaudanne	CHDN	Provence-Cote d'Azur,France	43.8481N	6.5408E	740	From 1993-09-01
Chaumont	CHAU	New York,U.S.A.	44.1375N	76.1742W	102	
Cheb	CHE	Czech Republic	50.0794N	12.3761E	430	
Chekchek	ICHK	Iran	32.2442N	54.4073E	2030	From 1998-10-01
Chekok	CKK	Alaska,U.S.A.	59.9597N	154.2330W	732	From 1972-07-29 to 1978-09-09
Chelan Butte	CBW	Washington,U.S.A.	47.8071N	120.0330W	1160	
Chelan Butte South	CBSW	Washington,U.S.A.	47.8046N	120.0410W	1073	From 1987-01-01
Cheltenham	CLH	Maryland,U.S.A.	38.7347N	76.8458W		From 1904-11-01 to 1928-12-31
Chemainus	AHCB	British Columbia,Canada	48.9325N	123.7373W	0	From 2004-04-17
Chemehuevi Mountains	CMH	California,U.S.A.	34.5530N	114.5720W	940	From 1975-02-01
Chengdu	CDU	Sichuan,China	30.6603N	104.0110E	506	
Chengdu	CD2	Sichuan,China	30.9100N	103.7580E	628	
Chengdu	CNU	Sichuan,China	30.6603N	104.0110E	506	
Chengkung	CHKT	Taiwan region	23.0992N	121.3654E	33	
Chenhua	TWY	Taiwan region	25.2758N	121.5996E	20	From 1975-01-10
Chennai	MDFS	Tamil Nadu,India	13.0680N	80.2463E	15	
Cheonan	KSCEA	South Korea	36.8231N	127.2575E	179	From 2004-12-10
CHEONGJU	KSCEJ	South Korea	36.6351N	127.4390E	57	From 2000-11-21
CHEONGSONG	KSCHS	South Korea	36.3919N	129.0794E	247	From 2006-12-30
Cheorwon	KSCWO	South Korea	38.0833N	127.5167E	351	From 2003-11-30
Cheorwon	KSCHW	South Korea	38.1404N	127.3038E	154	From 2000-01-20 to 2002-11-28
Chepes	ACHE	La Rioja,Argentina	31.1661S	66.6637W	1448	
Chera	ECH	Spain	39.5908N	0.9678W	643	From 1986-11-01
Cherat	CEP	Pakistan	33.8235N	71.9090E	1376	
Cheremushki	CERR	Severo-Osetinskaya,Russia	52.8539N	91.4150E	400	
Chernabura Island	CNBA	Alaska,U.S.A.	54.8200N	159.5887W	94	From 1993-06-01
Chernovtsy	CRA	Ukraine	48.2833N	25.9333E	242	
Chernovtsy (B)	CRB	Ukraine	48.3000N	25.9333E		
Cherry Point	CPC	North Carolina,U.S.A.	34.9000N	76.8833W		From 1950-01-01 to 1956-12-31
Cherskiy	CES	Magadanskaya Oblast',Russia	68.7000N	161.2000E		
Chesbro Res.	CJBM	California,U.S.A.	37.1118N	121.6890W	192	From 1967-08-24
Chesbro Res. 1	CB1	California,U.S.A.	37.1638N	121.6258W		
Chesbro Res. 3	CB3	California,U.S.A.	37.2577N	121.6725W		
Chesbro Res. 4	CB4	California,U.S.A.	37.3493N	121.5327W		
Chesbro Res. 5	CB5	California,U.S.A.	37.2852N	121.7725W		
Chesbro Res. 6	CB6	California,U.S.A.	37.4513N	121.7990W	240	
Chesbro Res. 8	CB8	California,U.S.A.	37.1588N	121.8470W	280	
Chesbro Reservoir	CBO	California,U.S.A.	37.1118N	121.6890W	192	From 1967-08-24
Chester	O04C	California,U.S.A.	40.3200N	121.0860W	1513	From 2005-05-25 to 2007-11-27
Chesterland	CCH	Ohio,U.S.A.	41.5612N	81.3620W	365	
Cheticamp, Nova Scotia	CHEG	Nova Scotia	46.8084N	60.6745W	446	From 2005-10-19
Chet-Su	CHET	Uzbekistan	41.0600N	70.2400E	1136	
Chetwynd	CTC	British Columbia,Canada	55.6417N	121.7500W		From 1967-12-01 to 1973-04-06
Cheung Chau	CCHK	Hong Kong,China	22.2029N	114.0243E	73	
Chews Ridge	BCWM	California,U.S.A.	36.3067N	121.5660W	1518	
Cheyenne	CY	Wyoming,U.S.A.	41.4167N	104.8600W	1920	From 1962-07-06 to 1962-07-11
Cheyenne	CY-WY	Wyoming,U.S.A.	41.4167N	104.8600W	1920	From 1962-07-06 to 1962-07-11
Chiang Mai	CHG	Thailand	18.8138N	98.9438E	416	From 1963-03-01
Chiang Mai	CHTO	Thailand	18.8138N	98.9438E	316	From 1977-06-01
Chiang Mai Array Beam Reference Point	CMAR	Thailand	18.4575N	98.9429E	307	
Chiang Mai Array Site 1	CM01	Thailand	18.4205N	98.9588E	292	
Chiang Mai Array Site 10	CM10	Thailand	18.4298N	99.0019E	341	
Chiang Mai Array Site 11	CM11	Thailand	18.3756N	98.9604E	320	
Chiang Mai Array Site 12	CM12	Thailand	18.4061N	98.9254E	330	
Chiang Mai Array Site 13	CM13	Thailand	18.4211N	98.9069E	303	
Chiang Mai Array Site 14	CM14	Thailand	18.4361N	98.9136E	322	
Chiang Mai Array Site 15	CM15	Thailand	18.4524N	98.9245E	324	
Chiang Mai Array Site 16	CM16	Thailand	18.4575N	98.9429E	358	
Chiang Mai Array Site 17	CM17	Thailand	18.4577N	98.9624E	325	
Chiang Mai Array Site 18	CM18	Thailand	18.4610N	98.9830E	314	
Chiang Mai Array Site 2	CM02	Thailand	18.4344N	98.9466E	305	
Chiang Mai Array Site 3	CM03	Thailand	18.4263N	98.9762E	304	
Chiang Mai Array Site 31	CM31	Thailand	18.4575N	98.9429E	306	
Chiang Mai Array Site 32	CM32	Thailand	18.6533N	98.8469E	292	
Chiang Mai Array Site 33	CM33	Thailand	18.8177N	98.9466E	358	
Chiang Mai Array Site 34	CM34	Thailand	18.8511N	99.1498E	315	
Chiang Mai Array Site 35	CM35	Thailand	18.6781N	99.1539E	283	
Chiang Mai Array Site 36	CM36	Thailand	18.5182N	99.0954E	310	
Chiang Mai Array Site 4	CM04	Thailand	18.3997N	98.9789E	336	
Chiang Mai Array Site 5	CM05	Thailand	18.4013N	98.9451E	336	
Chiang Mai Array Site 6	CM06	Thailand	18.4156N	98.9406E	332	
Chiang Mai Array Site 7	CM07	Thailand	18.4337N	98.9304E	302	
Chiang Mai Array Site 8	CM08	Thailand	18.4453N	98.9577E	295	
Chiang Mai Array Site 9	CM09	Thailand	18.4439N	98.9908E	345	
Chiangrai	CHRT	Thailand	19.8709N	99.7827E		From 1996-07-01
Chiapa de Corzo	CZC	Chiapas,Mexico	16.7120N	93.0200W	418	
Chiapas	ARL	Chiapas,Mexico	17.4120N	93.1180W		
Chiapas	ZZA	Chiapas,Mexico	15.1333N	92.3167W		
Chiapas	LIBM	Chiapas,Mexico	17.2940N	93.0120W		
Chiapas	TANM	Chiapas,Mexico	16.9190N	93.1150W		
Chiapas	VGP	Chiapas,Mexico	17.3572N	93.6140W		
Chiapas	PAY	Chiapas,Mexico	17.4717N	93.4913W		
Chiapas	PENM	Chiapas,Mexico	17.4360N	93.5280W		
Chiapas	UJZ	Chiapas,Mexico	15.0750N	92.0833W		
Chiapas	SIPM	Chiapas,Mexico	17.2230N	93.1570W		
Chiapas	PORM	Chiapas,Mexico	17.1790N	93.3950W		
Chiapas	MARM	Chiapas,Mexico	17.2180N	92.6930W		
Chiapas	BJU	Chiapas,Mexico	16.8768N	93.1791W		
Chiautla de Tapia	CHPM	Puebla,Mexico	18.2986N	98.6132W	1030	
Chiavari	CHV	Italy	44.3153N	9.3236E		
Chiawan	TWD	Taiwan region	24.0800N	121.5960E	30	From 1972-09-25
Chiayi	CHY	Taiwan region	23.4977N	120.4240E	27	
Chibougamau	CHGQ	Quebec,Canada	49.9105N	74.3748W	405	From 2007-10-11
Chicago	CHK	Illinois,U.S.A.	41.7889N	87.5992W	180	From 1918-01-01 to 1967-12-31
Chicago	CGI	Illinois,U.S.A.	41.9800N	87.7183W		
Chicago-Loyola	CHI	Illinois,U.S.A.	41.9000N	87.6333W	183	From 1912-09-01
Chichaoua	CIA	Morocco	31.5650N	8.7590W	473	
Chichibu	CHJ	Saitama,Japan	35.9917N	139.0820E	219	
Chichibu	CHJJ	Saitama,Japan	36.0483N	138.9950E	187	From 1978-01-01
Chichi jima	CBI	Bonin Islands,Japan	27.0897N	142.1883E	3	From 1975-01-01
Chichi jima	CBIJ	Bonin Islands,Japan	27.0957N	142.1845E	145	
Chichinautzin	CHVM	Mexico D.F.,Mexico	19.0873N	99.1473W	3213	
Chichi shima	TTZ	Bonin Islands,Japan	27.0833N	142.1830E		
Chiclayo	CHP8	Peru	6.7650S	79.8650W	60	From 1982-08-01
Chico	CCO	California,U.S.A.	39.0642N	121.0090W	60	From 1972-02-23
Chicoasen	CSN	Chiapas,Mexico	16.9690N	93.1080W	320	
Chicoasen 1	CR1	Chiapas,Mexico	17.0453N	93.1152W	1200	
Chicoasen 2	CR2	Chiapas,Mexico	16.8850N	92.9580W	1743	
Chicoasen 3	CR3	Chiapas,Mexico	16.8143N	92.9547W	1200	
Chicoasen 4	CR4	Chiapas,Mexico	16.7172N	93.0748W	900	
Chicoasen 5	CR5	Chiapas,Mexico	16.8168N	93.1188W	1300	
Chicoasen 6	CR6	Chiapas,Mexico	16.9582N	93.2260W	1700	
Chicoasen 7	CR7	Chiapas,Mexico	17.2330N	93.1700W	1750	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Chicoutimi	CIQ	Quebec,Canada	48.2723N	70.7908W	273	
Chicoutimi-Nord	CHIQ	Quebec	48.4900N	71.0100W	0	From 1984-09-21
Chignik	CHGN	Alaska,U.S.A.	56.3014N	158.4141W	16	
Chigu Township	TSCK	Taiwan region	23.1470N	120.0860E	13	From 2002-11-06
Chihuahua	CHH	Chihuahua,Mexico	28.6367N	106.0783W	1430	
Chihuahua	CHIX	Baja California	32.4867N	115.2418W	15	From 1987-02-01
Chijiwa	CJA	Nagasaki,Japan	32.7842N	130.2106E	88	
Chilao Flats	CFL	California,U.S.A.	34.3330N	118.0239W	1560	
Chilao Flat Sta	CHFC	California,U.S.A.	34.3334N	118.0259W	1594	
Chilbolton	CLB	England,United Kingdom	51.1436N	1.4328W	76	From 1976-05-01 to 1999-08-25
Childara	CHLD	Tajikistan	38.7700N	70.3000E	1700	
Childress 1	CEC	Texas,U.S.A.	34.5720N	100.3260W	548	
Childress 2	CNE	Texas,U.S.A.	34.5838N	100.3100W	555	
Childress 3	CNO	Texas,U.S.A.	34.5780N	100.3350W	562	
Childress 4	CNW	Texas,U.S.A.	34.5917N	100.3600W	540	
Childress 5	CSE	Texas,U.S.A.	34.5558N	100.3310W	521	
Childress 6	CSW	Texas,U.S.A.	34.5570N	100.3480W	546	
Childress 7	CWT	Texas,U.S.A.	34.5703N	100.3440W	549	
Childs Glacier	CSG	Alaska,U.S.A.	60.6610N	144.8550W	678	From 1984-01-01
Chilecito	CCT	La Rioja,Argentina	29.1667S	67.5000W		
Chileka	CLK	Malawi	15.6800S	34.9767E	781	
Chilik	CHL	Kazakhstan	43.5270N	78.3740E	760	
Chillagoe	CHIL	Queensland,Australia	17.1505S	144.5306E	423	
Chillan	CCHI	Bio-Bio,Chile	36.6025S	72.0769W	123	
Chilliwack	A06A	British Columbia,Canada	49.0983N	121.4804W	576	From 2006-10-18 to 2008-05-21
Chilquin	K04A	Oregon,U.S.A.	42.6133N	121.7307W	1305	From 2006-05-23 to 2007-10-27
Chimachoy	CIM	Guatemala	14.5838N	90.8667W	2450	From 1975-03-01 to 1999-08-25
Chimborazo	CHI1	Ecuador	1.4187S	78.8148W	4440	From 1992-02-13 to 2002-07-01
Chimborazo	CHIM	Ecuador	1.4203S	78.8614W	4100	From 1990-01-01 to 1991-12-31
Chimborazo Volcano	PORT	Ecuador	1.4633S	78.7732W	4469	From 2007-03-22
Chimeneas	EXCH	Spain	37.1320N	3.8240W	717	
Chimeneas	ACHM	Spain	37.1050N	3.8297W	862	
Chimkent	CHM	Kazakhstan	42.3190N	69.6030E	512	
Chimkent	TCH	Kazakhstan	42.3190N	69.6030E		
Chimney Peak	WCHM	California,U.S.A.	35.8830N	118.0750W	2475	
China Gardens	WCGM	California,U.S.A.	36.1900N	117.6240W	1689	From 1975-09-26
China Gardens South	CGSM	California,U.S.A.	36.1900N	117.6240W	1689	From 1975-09-26
China Lake	GPO	California,U.S.A.	35.6494N	117.6619W	735	
China Lake	CLC	California,U.S.A.	35.8158N	117.5975W	775	From 1949-07-08
China Lake Receiver Site	WCXM	California,U.S.A.	35.7105N	117.6000W	671	
Chinandega	CHIN	Nicaragua	12.6430N	87.0270W	300	
China Poot	CNPM	Alaska,U.S.A.	59.5258N	151.2360W	564	
Chinchina	CHN	Colombia	4.9667N	75.6167W	1360	From 1949-08-01
Chingaza	CHIC	Colombia	4.6330N	73.7306W	3102	From 1994-01-01
Chin-men Tao	KNMB	Taiwan region	24.4638N	118.3884E	43	
Chino	CHNC	California,U.S.A.	33.9988N	117.6804W	208	
Chio	CHIO	Canary Islands	28.2398N	16.8162W	432	From 2004-05-27
Chios island	CHOS	Greece	38.3868N	26.0550E	842	From 2006-03-29
Chirah Chowk	CHCP	Pakistan	33.6583N	73.2638E	579	
Chiredzi	CIR	Zimbabwe	21.0133S	31.5800E	430	
Chirikof Island	CHIA	Alaska,U.S.A.	55.8378N	155.5797W	250	
Chiripa	AR6	Costa Rica	10.4458N	84.9098W	1010	
Chita	CHTJ	Aichi,Japan	34.7303N	136.9066E	40	
Chita	CIT	Chitinskaya Oblast',Russia	52.0211N	113.5519E	790	From 1970-01-01
Chitina Glacier	CTGM	Alaska,U.S.A.	60.9650N	141.3330W	1554	From 1979-09-05
Chittagong	CHT	Bangladesh	22.3500N	91.8167E	35	
Chittwood Farm, Usk	B10A	Washington,U.S.A.	48.2995N	117.2252W	585	From 2006-08-30 to 2008-06-11
Chiize	CHIF	France	46.1330N	0.4080W	62	
Chizu	CZT	Tottori,Japan	35.2695N	134.2936E	300	
Chkalov	CKLZ	Armenia	40.9350N	44.6510E	1410	
Chkalova array site	CHK5	Kazakhstan	53.6716N	70.6592E	136	From 1995-08-11
Chkalova array site	CHK9	Kazakhstan	53.6975N	70.6002E	132	From 1995-08-11
Chkalova array site	CHK8	Kazakhstan	53.6796N	70.5731E	140	From 1995-08-11
Chkalova array site	CHK7	Kazakhstan	53.6539N	70.5869E	147	From 1995-08-11
Chkalova array site	CHK4	Kazakhstan	53.6952N	70.6431E	131	From 1995-08-11
Chkalova array site	CHK6	Kazakhstan	53.6509N	70.6324E	148	From 1995-08-11
Chkalovo	CHKZ	Kazakhstan	53.6761N	70.6153E	123	From 1994-07-23
Ch'k'valeri	CHVG	Georgia	42.7183N	42.0841E	390	
Chocan	CHP3	Peru	5.1800S	80.9619W	200	From 1979-12-01
Chocolate Mountain	CH2	California,U.S.A.	33.2962N	115.3360W	347	From 1977-12-01 to 2008-07-06
Chocolate Mountains	COT	California,U.S.A.	33.3052N	115.3530W	294	From 1973-04-16 to 2002-12-20
Cholame Creek	CCRB	California,U.S.A.	35.9572N	120.5515W	350	
Cholame Valley	CVC	California,U.S.A.	35.8242N	120.3510W		
Choma	CHMZ	Zambia	16.8333S	27.0667E	1278	From 1987-01-01
Chonco	CNR	Nicaragua	12.6725N	87.0722W	240	From 1975-01-01
Choranche	OG13	Rhone-Alpes,France	45.0733N	5.3995E	560	From 1989-08-11
Chor-Sady	CSD	Tajikistan	38.8500N	69.7800E		
Chorzow	CHZ	Poland	50.2925N	18.9917E	316	From 1960-01-01
Choshi	COJ	Chiba,Japan	35.7022N	140.8550E	-42	
Chosi	CHO1	Chiba,Japan	35.7367N	140.8617E	28	From 1986-08-22 to 1986-11-08
Chosi	CHOJ	Chiba,Japan	35.7027N	140.8587E	62	From 1986-11-08
Chosi	CHO	Chiba,Japan	35.7250N	140.8433E	27	
Chowiet Island	CHW	Alaska,U.S.A.	56.0333N	156.7120W	160	From 1974-01-01
Choya	CYA	Santiago del Estero,Argentina	28.4417S	65.8020W	609	
Chr Bro Hi School	CBHT	Tennessee,U.S.A.	35.1326N	89.8657W	79	
Chr Cany lake	CCCA	California,U.S.A.	35.5249N	117.3645W	670	
Chrisman Ranch, Davenport	C09A	Washington,U.S.A.	47.8006N	118.2741W	495	From 2006-09-19
Christchurch	CHR	South Island,New Zealand	43.5328S	172.6270E	8	From 1902-01-01 to 2003-09-09
Christianburg	CBT	Tennessee,U.S.A.	35.5394N	84.4206W	357	
Christmas Canyon	XMS	California,U.S.A.	35.5233N	117.3550W	704	
Christmas Creek	CKR	Alaska,U.S.A.	64.6680N	160.5305W	671	
Christmas Island	XMI	Christmas Island	10.4495S	105.6895E	277	From 1976-09-27
Christmas Island	XMIS	Christmas Island	10.4807S	105.6519E	243	From 2005-08-16
Christmas Valley	J06A	Oregon,U.S.A.	43.2515N	120.1528W	1407	From 2006-01-31 to 2008-04-10
Chrome Mountain	CRMT	Montana,U.S.A.	45.4558N	110.1402W	2941	
Chua Tram	CTVN	Vietnam	20.9382N	105.6888E	50	
Chuberi	CBRG	Georgia	43.0617N	42.1768E	1148	From 1968-01-01
Chuchupate	CHP	California,U.S.A.	34.8083N	119.0120W	1590	From 1952-01-01 to 1952-11-30
Chudeng	CHUD	Xizang Zizhiqu	29.6981N	91.1361E	3771	From 2005-03-28
Chuian-Garon	CGT	Tajikistan	38.6500N	69.1500E		
Chulitna	CUT	Alaska,U.S.A.	62.4047N	150.2690W	168	From 1986-07-18
Chul'man	CLNS	Sakha,Russia	56.8369N	124.8931E	704	
Chumysh	CHMS	Kazakhstan	42.9986N	74.7513E	655	
Chuncheon	KSCHC	South Korea	37.7776N	127.8145E	241	
Chungju	KSCHJ	South Korea	36.8729N	127.9748E	219	
Chupsang	CHUS	Xizang Zizhiqu	29.9970N	90.7462E	4113	From 2005-08-25
Chupungnyeong	KSCPN	South Korea	36.2169N	127.9913E	242	From 2000-02-24
CHUPUNGNYEONG	KSCPR	South Korea	36.2210N	127.9719E	284	From 2006-12-30
Chur	CHU	Switzerland	46.8499N	9.5367E	630	
Church	CHB	Alaska,U.S.A.	64.2577N	149.1700W	196	
Church Bay	WCB1	Wales,United Kingdom	53.3782N	4.5467W	139	From 1985-01-01
Church Hills	CHTN	Tennessee,U.S.A.	36.5847N	82.7200W	558	From 1983-02-10 to 1986-01-09
Churchill	CH-MT	Manitoba,Canada	58.6069N	93.8167W	38	From 1965-10-22 to 1965-11-09
Churchill	CH-	Manitoba,Canada	58.6069N	93.8167W	38	From 1965-10-22 to 1965-11-09
Churui	JCH	Tokachi,Japan	42.6143N	143.3623E	120	
Chusal	CHS	Tajikistan	39.1000N	70.7667E	1670	
Chushkaly	CHKK	Kazakhstan	43.8700N	77.0001E	510	
Chutung	TWR	Taiwan region	24.6401N	121.0786E	760	From 1974-02-11
Chylin	CYP	Poland	51.2933N	23.3000E	100	
Cibinong	CNJI	Jawa	7.3090S	107.1296E	0	From 2007-12-01
Cibinong	CGJI	Jawa	6.6135S	105.6929E	0	From 2007-12-01
Cibinong	KMSI	Sulawesi	0.5745N	123.9807E	0	From 2007-12-01
Cicekdag	CDAG	Turkey	39.6236N	34.3719E	1136	From 2005-03-23
Cicese	CCX	California,U.S.A.	31.8680N	116.6640W	30	
Cienega Rd	AN14*	California,U.S.A.	36.7092N	121.3430W	305	From 1969-05-29
Cienega Road	BCGM	California,U.S.A.	36.7092N	121.3430W	305	From 1969-05-29
Cilcuayo	CIVM	Mexico D.F.,Mexico	19.1032N	98.9858W	3530	
Cilicap	CLJI	Jawa	7.7187S	109.0150E	46	From 2005-01-01
Cilov Adasi	ZHI	Azerbaijan	40.3250N	50.5900E	-24	From 1968-01-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Cima Grappa	CGRP	Italy	45.8800N	11.8000E	1757	
Cimarron	R21A	Colorado,U.S.A.	38.3685N	107.5501W	2260	From 2007-11-14
Cimerak	CMJI	Jawa	7.7837S	108.4485E	0	From 2007-12-01
Cimolais	CIMO	Italy	46.3100N	12.4400E	610	
Cincinnati	CNN	Ohio,U.S.A.	39.1450N	84.4967W	203	From 1927-01-01 to 1963-12-31
Cine	CIN	Turkey	37.6000N	28.0867E	120	From 1956-06-01
Cingoli	CING	Italy	43.3756N	13.1954E	626	From 2003-11-19
Ciorogarla	CIOR	Romania	44.4489N	25.8799E	138	From 2003-11-02
Cipolletti	CIP	Rio Negro,Argentina	38.9333S	68.1333W		
Cipreses	CICH	O'Higgins,Chile	34.3198S	70.4205W	1200	
Circle Bar Ranch, Crane	Y08A	Oregon,U.S.A.	43.3580N	118.4743W	1229	From 2006-06-28
Circle Bar Ranch, Sunflower	J16A	Arizona,U.S.A.	33.8798N	111.4783W	1068	From 2007-03-21
Circle Dot Ranch, Maxwell	U25A	New Mexico,U.S.A.	36.3998N	104.4081W	1845	From 2008-05-12
Circle Ranch, Eureka	P11A	Nevada,U.S.A.	39.5530N	115.7536W	1787	From 2006-05-28
Circular Butte	CRBI	Idaho,U.S.A.	43.8303N	112.6350W	1543	
Cirque	CROM	Alaska,U.S.A.	60.7567N	143.1390W	1853	From 1988-07-01
Cisc	CISC	Cuba	20.0020N	75.7710W		
Cisternazza	ECIS	Sicily,Italy	37.8360N	14.9953E	1342	From 1992-10-01
Citeko	CBJI	Jawa,Indonesia	6.4200S	106.8500E	0	
Citt' di Castello	CDCA	Italy	43.4584N	12.2336E	50	From 2006-07-13
City College NY	CNY	New York,U.S.A.	40.8217N	73.9533W		
Ciudad Almirante	CDAM	Guerrero,Mexico	18.3500N	100.6500W	300	
Ciudad Guzman	CGX	Jalisco,Mexico	19.6917N	103.5080W	1530	
Ciudad Serdan	IISM	Puebla,Mexico	18.9880N	97.3768W		
Civita di Ruta - Ottati	CDRU	Italy	40.4896N	15.3046E	1057	From 2005-10-13
Clancy	CMT	Montana,U.S.A.	46.5167N	111.9330W	1402	From 1974-01-01
Clara Peak	CLP	New Mexico,U.S.A.	36.0358N	106.2400W	2591	From 1973-09-01
Clark Canyon Reservoir	CCMT	Montana,U.S.A.	44.9150N	112.8740W	1926	From 1985-07-24 to 1989-08-30
Clarke City	SMO	Quebec,Canada	50.2225N	66.7028W	344	
Clark Hill Reservoir	LDVG	Georgia,U.S.A.	34.1478N	82.6833W	162	
Clark Hill Reservoir	CH6	Georgia,U.S.A.	33.8792N	82.5194W	146	From 1975-12-01
Clark Hill Reservoir	CH5	Georgia,U.S.A.	33.7333N	82.3250W	132	From 1975-12-01
Clark Hill Reservoir	BEVG	Georgia,U.S.A.	34.0893N	82.7333W	158	
Clark Hill Reservoir	IVAG	Georgia,U.S.A.	34.2721N	82.7460W	168	
Clark State Community College	CSCO	Ohio,U.S.A.	39.8950N	83.7980W	304	
Clarkstown	CLAR	New York,U.S.A.	41.1887N	74.0037W	76	
Clausthal	CLZ	Niedersachsen,Germany	51.8416N	10.3724E	680	
Claut1	CLA1	Italy	46.2660N	12.5170E	612	
ClautB	CLAB	Italy	46.2720N	12.5120E	672	
Clavier	BCLA	Belgium	50.4196N	5.3029E	235	From 1991-10-29
Clay Center	CCNE	Nebraska,U.S.A.	40.5037N	97.9367W	529	
Clayton	CT-OK	Oklahoma,U.S.A.	34.4881N	95.1272W	305	From 1962-07-14 to 1962-10-05
Clayton	CT-	Oklahoma,U.S.A.	34.4881N	95.1272W	305	From 1962-07-14 to 1962-10-05
Clayton Basin, Artesia	I26A	New Mexico,U.S.A.	32.6462N	104.0204W	1032	From 2008-03-25
Clear Creek Butte	CCB	Alaska,U.S.A.	64.6467N	147.8050W	219	From 1971-02-15
Clear Creek Ranch, Tonopah	Q10A	Nevada,U.S.A.	38.8247N	116.3999W	2027	From 2007-02-05
Clear Mews	CMA	Alaska,U.S.A.	64.2900N	149.1800W	181	From 1964-01-01 to 1974-01-31
Cle Elum	D06A	Washington,U.S.A.	47.1935N	120.8445W	575	From 2006-09-12 to 2008-05-12
Clemmons Ranch, Yeso	X25A	New Mexico,U.S.A.	34.5271N	104.6621W	1494	From 2008-04-27
Clermont-Ferrand	CFE	Auvergne,France	45.7630N	3.1112E	400	From 1984-11-01
Clermont-Ferrand	NE16	Auvergne,France	45.7630N	3.1112E	400	From 1984-11-01 to 2001-07-28
Cleve	CLV	South Australia,Australia	33.6911S	136.4960E	238	From 1963-10-01
Cleveland	CLE	Ohio,U.S.A.	41.4888N	81.5321W	328	
Cleveland Dam	CLVB	British Columbia,Canada	49.3817N	123.1447W	427	
Cleveland Museum of Natural History	CLEO	Ohio,U.S.A.	41.5120N	81.6140W	192	
Cliffside	CFM	Montana,U.S.A.	48.2081N	115.4580W	886	From 1971-02-01 to 1974-07-09
Cliffs of the Neuse	CNNC	North Carolina,U.S.A.	35.2393N	77.8901W	29	
Climax Mine	NVM	Nevada,U.S.A.	37.2313N	116.0520W	1603	From 1971-01-01 to 1973-01-31
Clinton	CLIN	New York,U.S.A.	41.8750N	73.8490W	168	From 1978-05-01 to 1983-02-25
Clinton	E14A	Montana,U.S.A.	46.4162N	113.4926W	1675	From 2006-10-12
Clintwood	CI-	Virginia,U.S.A.	37.1936N	82.4158W	549	From 1962-10-15 to 1962-10-27
Clintwood	CI-VA	Virginia,U.S.A.	37.1936N	82.4158W	549	From 1962-10-15 to 1962-10-27
Closani	CLO	Romania	45.0739N	22.8019E	335	From 1982-09-01
Cloverdale	GCVM	California,U.S.A.	38.7697N	123.0140W	150	From 1975-05-07
Clover Valley, Wells	N12A	Nevada,U.S.A.	40.8522N	115.0387W	1786	From 2006-05-10
Cluj	CLU	Romania	46.7500N	23.6500E		
Cluj-Napoca	CJR	Romania	46.7133N	23.5981E	750	From 1979-01-01 to 1985-12-01
Cluj-Napoca	CJR1	Romania	46.7661N	23.5514E	345	From 1985-12-01
Clyde	CYZ	South Island,New Zealand	45.1458S	169.3290E	606	From 1984-04-04 to 2003-08-15
Coachella	COA	California,U.S.A.	32.8635N	115.1230W	35	From 1973-04-16
Coal Bank Pass, Durango	S21A	Colorado,U.S.A.	37.6620N	107.7917W	2723	From 2007-12-05
Coamo	CCA	Puerto Rico	18.0696N	66.3263W	269	From 1977-02-15 to 1999-08-25
Coatepeque	COAS	El Salvador	13.8867N	89.5719W	1260	
Cobalt	G13A	Idaho,U.S.A.	45.0931N	114.2329W	1538	From 2006-11-14
Cobano	CAO	Costa Rica	9.7012N	85.1033W	263	From 1984-11-01
Cobar Meteorology Station	CMS	New South Wales,Australia	31.4867S	145.8283E	255	From 1982-12-06 to 1999-08-25
Cobar Meteorology Station	CM5A	New South Wales,Australia	31.5375S	145.6916E	220	
Cobb Dam	CDZ	South Island,New Zealand	41.0955S	172.7130E	780	From 1989-11-30 to 1990-04-25
Cobb Mountain	CGMM	California,U.S.A.	38.8058N	122.7550W	1286	From 1975-04-23
Cobb River	COB	South Island,New Zealand	41.0878S	172.7340E	213	From 1949-07-01 to 1990-02-25
Cobleskill	CONY	New York,U.S.A.	42.6658N	74.4688W	468	From 2001-07-14 to 2006-02-28
Cobquecura	COCH	Bio-Bio,Chile	36.1313S	72.7884W	23	
Cobquecura	COBQ	Bio-Bio,Chile	36.1077S	72.7440W	100	
Cochabamba	CCH	Bolivia	17.3842S	66.1342W	2650	
Cochiti	COH	New Mexico,U.S.A.	35.5802N	106.3050W	1646	From 1976-01-01
Coco Island	ICCO	Costa Rica,Costa Rica	5.5436N	87.0567W	10	From 2007-09-23
Cocos Island	CCK	Cocos Islands	12.2000S	96.9000E		
Codavoipe	EGDV	Sicily,Italy	37.7010N	15.1620E	230	From 1994-10-01
Codrington	CPB	Barbuda,Antigua and Barbuda	17.6400N	61.8260W	5	From 1980-07-09
Codroy Newfoundland	CODG	Newfoundland	47.8406N	59.2535W	50	From 2005-10-06
Cody	CZ-	Nebraska,U.S.A.	42.8750N	101.2417W	975	
Cody	CZ-NB	Nebraska,U.S.A.	42.8750N	101.2417W	975	
Coen	COEN	Queensland,Australia	13.9574S	143.1749E	285	
Coe Ranch	COE	California,U.S.A.	37.2577N	121.6725W	366	From 1967-10-03
Coe Ranch	CCOM	California,U.S.A.	37.2577N	121.6720W	366	From 1967-10-03
Cofrada	COFN	Nicaragua	12.1500N	86.1100W	50	
Cogollos-Vega	ECOF	Spain	37.2772N	3.5664W	1176	From 1990-06-13
Cohasset Ridge	OCHM	California,U.S.A.	39.8758N	121.7660W	530	From 1976-12-17
Coimbra	COI	Portugal	40.2067N	8.4183W	140	
Coimbra	PCOI	Portugal	40.1585N	8.4662W	174	
Cokeville	L17A	Wyoming,U.S.A.	42.0995N	110.8727W	1996	From 2007-11-04
Colby Mountain	LCMM	California,U.S.A.	40.1465N	121.5210W	1829	
Colchester	COV	Vermont,U.S.A.	44.5777N	73.1458W	85	From 1976-11-01 to 1980-08-31
Colchester	TCR	England,United Kingdom	51.8349N	0.9125E	40	From 1989-01-01
Cold Bay	CBY	Alaska,U.S.A.	55.1887N	162.7040W	20	From 1993-06-01
Cold Bay	CBA	Alaska,U.S.A.	55.1750N	162.7330W		
Col de Zad	CZD	Morocco	33.0330N	5.0430W	2356	From 1992-01-01
Coldfoot	COLD	Alaska,U.S.A.	67.2274N	150.2013W	377	
Cold Spring	COSP	New York,U.S.A.	41.4407N	73.9282W	128	
Cold Spring Mountain	GC5M	California,U.S.A.	39.0228N	123.5212W	695	
Cold Spring River	CSRY	New York,U.S.A.	43.9692N	74.1750W		From 1983-10-01 to 1986-10-31
Cold Springs	CSPT	Tennessee,U.S.A.	35.7610N	83.8240W	335	From 1983-10-28
Cold Springs	C5M	California,U.S.A.	40.5377N	123.5130W	1640	From 1992-08-13
Col du Perthus	PERF	Languedoc-Rousillon,France	42.4856N	2.8742E	490	From 1989-01-01 to 1999-10-06
Coldwater Canyon	WCRC	California,U.S.A.	37.4948N	118.3060W	2000	From 1984-08-10 to 2002-10-10
Coleburn Distillery	MCD	Scotland,United Kingdom	57.5828N	3.2542W	280	From 1981-06-01
Colegio Aleman	DSCH	Santiago,Chile	33.3985S	70.5688W	699	
Colegio Las Americas	LACH	Santiago	33.4518S	70.5308W	690	From 2006-04-01
Coleman	CLM	Alberta,Canada	49.6350N	114.5200W		
Coleville	R06C	California,U.S.A.	38.5226N	119.4509W	1698	From 2005-08-04 to 2008-03-15
Coley Creek	SCCK	South Carolina,U.S.A.	35.0228N	82.9915W	701	
Coleyville	CVJ	Jamaica	18.2262N	77.5348W	985	
Coffax	CF-WS	Wisconsin,U.S.A.	45.0942N	91.7664W	366	From 1962-11-04 to 1962-12-12
Coffax	CF-	Wisconsin,U.S.A.	45.0942N	91.7664W	366	From 1962-11-04 to 1962-12-12
Coligny	CGY	Transvaal,South Africa	26.3483S	26.3750E		From 1986-01-01 to 1999-01-31
Colima	CMX	Colima,Mexico	19.1808N	103.6910W	779	From 1986-01-01
Colima	COLM	Colima,Mexico	19.1808N	103.6910W	779	From 1986-01-01
Collangettes	COLF	Auvergne,France	45.5178N	3.6945E	740	
College	COLA	Alaska,U.S.A.	64.8738N	147.8511W	74	From 1996-01-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
College--Fairbanks	CMO	Alaska,U.S.A.	64.8600N	147.8350W	183	From 1949-01-01 to 1977-12-31
College Fiord	CFI	Alaska,U.S.A.	61.1827N	147.7670W	3	From 1974-07-31
College of the Siskiyous	LCSM	California,U.S.A.	41.4162N	122.3925W	1125	
College of Wooster	COWO	Ohio,U.S.A.	40.8158N	81.9378W	328	
College Outpost	COL	Alaska,U.S.A.	64.9000N	147.7933W	320	
Colle San Martino	SMB1	Italy	41.3968N	14.7184E	819	
Colliano	CLLN	Italy	40.7177N	15.3180E	1207	From 2004-09-23
Collingwood	CLWO	Ontario,Canada	44.4491N	80.3013W	485	
Collinsville	CVLQ	Queensland,Australia	20.5900S	147.6090E	102	From 1985-04-03
Collinsville	HGA	Alabama,U.S.A.	34.2602N	85.8464W	384	
Collm	CLL	Sachsen,Germany	51.3077N	13.0026E	230	
Collurania	CLR	Italy	42.6667N	13.7167E		
Coloane	MCO	Macao,China	22.1219N	113.5580E	174	
Cologne	CLG	Nordrhein--Westfalen,Germany	50.9283N	6.9350E	0	
Colombo	COC	Sri Lanka	6.9000N	79.8667E	7	
Colome	CO-	South Dakota,U.S.A.	43.2867N	99.6703W	640	From 1962-07-06 to 1962-07-11
Colome	CO-SD	South Dakota,U.S.A.	43.2867N	99.6703W	640	From 1962-07-06 to 1962-07-11
Colon	ECO2	Panama	9.3218N	79.6837W	450	
Colon	ECO	Panama	9.3638N	79.6937W	468	From 1990-10-17
Colon	COLN	O'Higgins,Chile	34.0667S	70.4567W	2160	
Colonesti	CLI	Romania	46.5500N	27.2833E	502	
Colonia del Valle	CVM	Mexico D.F.,Mexico	19.3821N	99.1785W		
Colonia Sabana	CSB	Puerto Rico	18.2897N	66.1567W	470	From 1975-07-30
Colony High School	CHSA	Alaska,U.S.A.	61.6080N	149.2120W	112	
Colorado	COCR	Costa Rica	10.5527N	83.6708W	10	
Colorado Mmnt	CMCO	Colorado,U.S.A.	39.1026N	108.7380W	1756	
Colorado	COLI	Italy	46.1333N	13.3783E	250	From 1977-05-06
Col San Antonio	HUMP	Puerto Rico	18.1425N	65.8497W	178	
Colson Canyon	SCCM	California,U.S.A.	34.9413N	120.1720W	610	
Colson Canyon	BCC	California,U.S.A.	34.9397N	120.1720W	610	From 1969-11-24
Colter Canyon	COLW	Wyoming,U.S.A.	43.9623N	110.6960W	2079	From 1986-01-01
Colton High School	COLT	Oregon,U.S.A.	45.1703N	122.4369W	213	
Columbia	CSC	South Carolina,U.S.A.	34.0000N	81.0333W	94	From 1931-01-01 to 1973-09-30
Columbia	COTN	Tennessee,U.S.A.	35.7842N	86.9707W	320	
Columbia College	CMB	California,U.S.A.	38.0346N	120.3865W	697	From 1986-11-06
Columbus	CUN	Nebraska,U.S.A.	41.4789N	97.3800W	467	
Columbus	COLR	Nevada,U.S.A.	38.1447N	118.0542W	1835	
Col Varnada, Mel (BL)	VARN	Italy	45.9933N	12.1047E	870	From 2006-11-16
Colville	CLW	Washington,U.S.A.	48.5933N	117.8820W	585	From 1975-06-01 to 1976-11-30
Colville Reservation, Omak	B08A	Washington,U.S.A.	48.3584N	119.3332W	696	From 2006-11-07
Combarbala	CMCH	Coquimbo,Chile	31.1735S	71.0013W	906	
Combe Brimond	CBBF	Provence-Cote d'Azur,France	44.5965N	6.8535E	1980	From 1989-11-06
Combe Farm	DCO	England,United Kingdom	50.3200N	3.8724W	410	From 1982-01-01
Combovin	OG16	Rhone-Alpes,France	44.8500N	5.0975E	775	From 1990-04-05
Comb Ridge	CRTN	Tennessee,U.S.A.	36.1998N	83.8407W	488	
Comitan	CCIG	Chiapas,Mexico	16.2820N	92.1370W	1500	
Comitan	COM	Chiapas,Mexico	16.2533N	92.1281W	1528	
Comitan 2	COM2	Chiapas,Mexico	16.2417N	92.1372W		
Commelle	OG08	Rhone-Alpes,France	45.4482N	5.2397E	550	From 1989-02-13
Compton	COOC	California,U.S.A.	33.8960N	118.2164W	-31	
Concepcion	CONC	Concepcion,Chile	36.8295S	73.0353W	60	
Concepcion	CONN	Nicaragua	11.5642N	85.6257W	250	
Concepcion	CON	Concepcion,Chile	36.8281S	73.0450W	15	
Conchagua	CNCH	El Salvador	13.2763N	87.8337W	1056	
Con Chiusa Politi	EPOL	Sicily,Italy	37.8625N	14.9915E	830	From 1994-10-01
Con Con	CCCH	Valparaiso,Chile	32.9228S	71.5158W	45	
Concord--Diablo Valley College	CNC	California,U.S.A.	37.9667N	122.0720W	36	From 1960-09-12 to 1966-12-06
Concordia	CNK	Kansas,U.S.A.	39.5080N	97.7130W	465	From 1978-04-18 to 2001-07-15
Concordia, Antarctica	CD	East Antarctica	75.1065S	123.3050E	3240	From 2007-01-01
Concrete	CE-WA	Washington,U.S.A.	48.5225N	121.6872W	274	From 1962-10-15 to 1962-10-27
Concrete	CE-	Washington,U.S.A.	48.5225N	121.6872W	274	From 1962-10-15 to 1962-10-27
Condor	PP03	Peru	13.5412S	75.5242W	1400	
Cone Peak	CPK	Hawaii,U.S.A.	19.3950N	155.3280W	1038	From 1967-11-01
Congro	PCNG	Azores,Portugal	37.7670N	25.3960W	578	From 2003-01-01
Conil	CNIL	Spain	36.3700N	6.0545W	63	
Connel	CNIL	Washington,U.S.A.	46.6530N	118.9170W	293	From 1970-06-01 to 1975-02-28
Conner	APYP	Luzon,Philippines	17.8620N	121.2430E	50	
Conniff Cattle Co., Rinco	122A	New Mexico,U.S.A.	32.6995N	107.0005W	1333	From 2008-02-01
Cono NE Rev Volc	CONE	Ecuador	0.0699S	77.6425W	2685	From 2003-03-08
Conover	COWI	North America,Indonesia	46.1003N	89.1369W	523	
Conrad Observatory	CONA	Austria	47.9282N	15.8618E	1046	
Conrad Observatory	CSNA	Austria	47.9282N	15.8588E	1039	From 2006-12-13
Constantine	CNS	Algeria	36.3700N	6.6125E	670	
Constantine	CCO1	England,United Kingdom	50.1357N	5.1957W	168	From 1981-01-01
Constitution	CONS	Maule,Chile	35.3229S	72.4131W	110	
Constitution	CTCH	Maule,Chile	35.3308S	72.4119W	10	From 2004-09-08
Contact Creek	CNTC	Alaska,U.S.A.	58.2645N	155.8837W		From 1996-08-01
Contrada Cassone	ECSS	Sicily,Italy	37.7105N	15.0643E	1500	From 1994-10-01
Contwyoto Lake 2	COWN	Northwest Territories,Canada	65.2679N	111.1860W	513	
Conway	CW-AR	Arkansas,U.S.A.	35.1356N	91.9778W	152	From 1962-05-09 to 1962-06-09
Conway	CW-	Arkansas,U.S.A.	35.1356N	91.9778W	152	From 1962-05-09 to 1962-06-09
Cook Canyon	CKC	California,U.S.A.	34.1363N	117.1750W	550	
Cookes Peak, Deming	121A	New Mexico,U.S.A.	32.5324N	107.7851W	1652	From 2008-02-12
Cook Lake	COKN	Northwest Territories	63.2702N	108.7623W	357	From 2008-07-10
Cook Peak	WCOM	California,U.S.A.	35.6225N	118.4380W	1609	
Cook Ranch	COK	California,U.S.A.	32.8492N	115.7270W	-15	From 1973-04-16
Coolgardie	COOL	Western Australia,Australia	30.8838S	121.1450E	500	From 1988-08-01 to 2006-05-29
Cooney Tunnel	COO	New South Wales,Australia	30.5778S	151.8917E	653	From 1974-08-17 to 1999-08-25
Coon Peak	CPU	Utah,U.S.A.	40.6731N	112.1900W	2228	From 1974-11-01
Cooper Cave	CPCT	Tennessee,U.S.A.	35.4498N	84.5218W	275	
Cooper Hill	PQO	Maine,U.S.A.	44.9863N	67.4674W	219	
Cooper Mountain	CMTX	Texas,U.S.A.	33.0105N	100.8420W	811	
Coopers Lake	CKM	Montana,U.S.A.	47.0666N	112.9100W	1353	From 1974-08-02 to 1976-10-31
Copaltepe	COPN	Nicaragua	12.1800N	86.5917W	150	
Copenhagen	COP	Denmark	55.6853N	12.4325E	13	From 1962-01-01
Copete-Riev Volc	COPE	Ecuador	0.1061S	77.6206W	2350	From 2003-02-17 to 2003-09-01
Copeton	COPM	New South Wales,Australia	29.9178S	150.9347E	571	
Copiapo	CPCH	Atacama,Chile	27.3580S	70.3530W	371	
Copiapo	CPP	Atacama,Chile	27.3542S	70.3511W	384	
Coppermine	CMC	Northwest Territories,Canada	67.8333N	115.0833W	31	From 1963-03-15 to 1969-12-06
Copper Mountain	CPM	California,U.S.A.	34.1540N	116.1970W	937	
Copperopolis	MCUM	California,U.S.A.	37.9727N	120.6170W	336	From 1972-04-19
Copuitlam Dam	COQB	British Columbia,Canada	49.3542N	122.7747W	161	
Corbin	CNV	Virginia,U.S.A.	38.2050N	77.3733W	70	From 1978-07-01
Corbin	CBN	Virginia,U.S.A.	38.2046N	77.3732W	70	From 1971-01-01
Corcovado	CHP2	Peru	4.6161S	80.8131W	200	From 1979-12-01
Cordova	CDI	Alaska,U.S.A.	60.4967N	145.4933W	65	From 1964-04-02 to 1964-05-08
Cordova	CVA	Alaska,U.S.A.	60.5465N	145.7490W	90	From 1971-08-31
Cordova Ski Area	EYAK	Alaska,U.S.A.	60.5493N	145.7479W	146	
Cordoza Dairy	HCZM	California,U.S.A.	36.9090N	121.8000W	30	From 1975-11-13
Corfu	CRF	Washington,U.S.A.	46.8250N	119.3870W	189	From 1970-07-01
Corinaldo	CRN	Italy	43.6308N	12.9978E	271	
Cork	CORK	Ireland	51.8833N	8.4667W		From 1914-01-01 to 1942-12-31
Corleone	CORL	Sicily	37.8943N	13.3038E	660	From 2006-04-19
Corleto Perticara	COPE	Italy	40.3834N	16.0692E	800	
Corlu	CRLT	Turkey	41.1290N	27.7360E	230	From 2002-01-01
Corn Cob Canyon	HCOM	California,U.S.A.	36.8875N	121.7080W	134	From 1975-11-19
Corn Creek	U11A	Nevada,U.S.A.	36.4230N	115.3835W	867	From 2006-06-20
Corn Creek, Alamo	T11A	Nevada,U.S.A.	37.2408N	115.2202W	1402	From 2007-02-11
Cornell	CN-	Wisconsin,U.S.A.	45.1928N	91.1281W	320	From 1962-05-10 to 1962-06-28
Cornell	CN-WS	Wisconsin,U.S.A.	45.1928N	91.1281W	320	From 1962-05-10 to 1962-06-28
Cornellia Hill	CORN	Puerto Rico	18.1635N	67.1794W	8	
Corner Brook	CBK	Newfoundland,Canada	48.9197N	57.9697W	380	
Cornudas Mountains	MNTX	Texas,U.S.A.	31.6985N	105.3821W	404	
Coroa da Mata	PMAT	Azores,Portugal	37.8160N	25.4710W	240	From 2003-01-01
Coron	BUSP	Palawan,Philippines	12.0030N	120.1990E	66	
Corona Quarry	COQ	California,U.S.A.	33.8605N	117.5097W	205	From 1976-01-01
Coronation Park	CORO	Tasmania,Australia	41.4522S	147.1450E		
Coronel Fontana	CFA	San Juan,Argentina	31.6026S	68.2331W	713	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Coronel Fontana	CFAA	Argentina	31.6047S	68.2376W	619
Corral Hollow	CSTL	California,U.S.A.	37.6392N	121.4980W	205
Correggio	CODE	Italy	44.7980N	10.7150E	27
Correggio Bag	ZAVE	Italy	44.7542N	10.7030E	33
Correggio Fan	FANE	Italy	44.7670N	10.7362E	33
Correggio Man	MAN1	Italy	44.7822N	10.7855E	29
Correggio--Silva	SILE	Italy	44.7550N	10.7970E	33
Corrie	PCOU	Scotland,United Kingdom	55.9880N	4.1002W	267
Corte	CONF	Corse	42.2980N	9.1530E	475
Cortez Mining, Crescent City	O10A	Nevada,U.S.A.	40.2917N	116.4999W	1470
Corum	CTKT	Turkey	40.6231N	34.7897E	1650
Corum	CORM	Turkey	40.1785N	34.6302E	1292
Corundas Mountain, Dell City	224A	Texas,U.S.A.	32.0760N	105.5226W	1487
Corvallis	COR	Oregon,U.S.A.	44.5857N	123.3030W	121
Cosiguina	COS	Nicaragua	12.9580N	87.5752W	500
Coso Basin North	CBHM	California,U.S.A.	35.9882N	117.7500W	890
Coso Springs S	WCSM	California,U.S.A.	36.0263N	117.7670W	1143
Coso Springs South	CSSM	California,U.S.A.	36.0263N	117.7670W	1143
Costa Raja	CRJA	Sicily,Italy	37.8016N	13.0043E	560
Cotabato	CTB	Mindanao,Philippines	7.2000N	124.2000E	50
Cotabato-PC Hill	CTBH	Mindanao,Philippines	7.2210N	124.2460E	50
Cotacachi	COTA	Ecuador	0.3350N	78.3378W	4020
Cotillon Park	DCA3	Alberta,Canada	56.1665N	119.6977W	284
Cotoan	CTCR	Costa Rica	8.8962N	82.7593W	1620
Cotopaxi 1	VC1	Ecuador	0.6420S	78.4030W	4103
Cotopaxi Volc	COV1	Ecuador	0.6621S	78.3437W	4979
Cotopaxi Volcano	BREF	Ecuador	0.6697S	78.4405W	4859
Cotopaxi Volcano	BMOR	Ecuador	0.7308S	78.4588W	4337
Cotopaxi Volcano	BTAM	Ecuador	0.6750S	78.3968W	4292
Cotopaxi Volcano	BVC2	Ecuador	0.6575S	78.4118W	4408
Cotopaxi Volcano	BNAS	Ecuador	0.6713S	78.4805W	3919
Cotopaxi Volc (N)	PITA	Ecuador	0.5855S	78.4326W	3610
Cotopaxi Vol south	MOV1	Ecuador	0.7132S	78.4405W	4782
Cottongarden Point	CGPV	Virgin Islands	17.7635N	64.5842W	40
Cotton Hill	PSDMB	Dominica	15.5850N	61.4570W	40
Cottonwood	COTR	Nevada,U.S.A.	38.6417N	118.7718W	1890
Cottonwood Creek	CWC	California,U.S.A.	36.4399N	118.0802W	1553
Cottonwood Mountains	CTW	California,U.S.A.	33.6797N	115.8720W	560
Cottonwood Point	CWPT	Missouri,U.S.A.	36.0091N	89.6264W	76
Covasna	CVO	Romania	45.8222N	26.1739E	635
Cove	G09A	Oregon,U.S.A.	45.2781N	117.7802W	1027
Cove Fort	CFU	Utah,U.S.A.	38.6189N	112.5390W	2012
Cove Ranch, Picabo	J13A	Idaho,U.S.A.	43.3979N	114.1742W	1552
Covington	CVTN	Tennessee,U.S.A.	35.5415N	89.6435W	101
Cowboy Ranch, Jiggs	O11A	Nevada,U.S.A.	40.1313N	115.6570W	1948
Cow Camps Rge	CCRT	Tennessee,U.S.A.	35.4660N	84.0540W	940
Cow Castle Creek	COW	South Carolina,U.S.A.	33.3817N	80.6993W	60
Cowlitz River	CWZ	Washington,U.S.A.	46.4910N	122.0120W	305
Cow Mountain	GCVWM	California,U.S.A.	39.1308N	123.0760W	1089
Coxcomb Mountains 2	CO2	California,U.S.A.	33.8472N	115.3447W	276
Cox Ranch, Sanderson	528A	Texas,U.S.A.	30.1615N	102.7880W	1183
Coyhaique	COYC	Patagonia,Argentina	45.5729S	72.0813W	235
Coyote Hills	LT8	California,U.S.A.	37.5590N	122.0940W	38
Coyote Hills	CCYM	California,U.S.A.	37.5517N	122.0910W	67
Coyote Hills	CYH	California,U.S.A.	37.5590N	122.0940W	38
Coyote Hollow	CHOI	Idaho,U.S.A.	43.3125N	111.2130W	2103
Coyote Mountain	COY	California,U.S.A.	33.3640N	116.3110W	232
Coyotepe	CYN	Nicaragua	11.9958N	86.0987W	345
Coyote Point	JCPM	California,U.S.A.	37.5882N	122.3220W	14
Cozia	COZ	Romania	45.3205N	24.3425E	1610
CP-1	CPX	Nevada,U.S.A.	36.9300N	116.0550W	1285
CP-1	CPY	Nevada,U.S.A.	36.9319N	116.0559W	1304
CP-17	CPN	Nevada,U.S.A.	37.1438N	116.2710W	1759
CRAAG	ESS	Algeria	36.0000N	3.1000E	400
Craco	CRAC	Italy	40.3650N	16.4350E	384
Crafton Hills	CFT	California,U.S.A.	34.0352N	117.1110W	671
Craig	CGC	Colorado,U.S.A.	40.5233N	107.5620W	1925
Craig	CRAG	Alaska,U.S.A.	55.4689N	133.1230W	57
Craig Goch	HCG	Wales,United Kingdom	52.3225N	3.6567W	511
Craigsville	CX	West Virginia,U.S.A.	38.3231N	80.6403W	732
Craigsville	CX-WV	West Virginia,U.S.A.	38.3231N	80.6403W	732
CRAIOVA	CRAR	Romania	44.3250N	23.7999E	125
CR and CF Franklin Farms, Melrose	X26A	New Mexico,U.S.A.	34.5508N	103.8103W	1393
Crane	KR	Oregon,U.S.A.	43.4175N	118.5122W	1402
Crane	KR-OR	Oregon,U.S.A.	43.4175N	118.5122W	1402
Crater	A10	Costa Rica	10.4611N	84.7156W	830
Crater GGP	CGGP	Ecuador	0.1765S	78.6058W	4400
Crater Lake	VCLM	Oregon,U.S.A.	42.8785N	122.1200W	2048
Crater Peak	CRP	Alaska,U.S.A.	61.2670N	152.1550W	1622
Crater Peak Alternate	CPAM	Alaska,U.S.A.	61.2548N	152.1420W	1192
Crater Peak Rim	CPKM	Alaska,U.S.A.	61.2633N	152.2330W	2017
Crater Peak Two	CP2	Alaska,U.S.A.	61.2642N	152.2420W	1981
Craters of Moon	COMI	Idaho,U.S.A.	43.4618N	113.5940W	1890
Crater Summit	SSV	St Vincent,Saint Vincent and the Grenadines	13.3270N	61.1930W	824
Crazy Man Mountain	CZM	Washington,U.S.A.	46.4353N	122.5060W	620
Creal Springs	CSIL	Illinois,U.S.A.	37.6319N	88.7900W	168
Creighton Mine,Sudbury	DSNO	Ontario	46.4715N	81.1870W	-1723
Creighton Mine,Sudbury	SSNO	Ontario	46.4715N	81.1870W	277
Crescent City	M01C	California,U.S.A.	41.8473N	124.1221W	38
Crescent Cliff	LCFM	California,U.S.A.	40.4863N	121.5240W	840
Crested Butte, Gunnison	Q22A	Colorado,U.S.A.	38.8627N	106.9096W	2727
Crestline	CSL	California,U.S.A.	34.2497N	117.2780W	1490
Crete	CR2NB	Nebraska,U.S.A.	40.6367N	96.8483W	418
Crete	CR	Nebraska,U.S.A.	40.6644N	96.8542W	442
Crete	CTN	Nebraska,U.S.A.	40.6222N	96.9483W	432
Crete	CR-NB	Nebraska,U.S.A.	40.6644N	96.8542W	442
Creve Coeur	CCMO	Missouri,U.S.A.	38.7200N	90.4670W	152
Crevison Peak	HCPM	California,U.S.A.	37.1945N	121.1850W	513
Cripan	ECRI	Spain	42.6089N	2.5100W	807
Cripple Cowboy Ranch, Baxter Pass	P19A	Colorado,U.S.A.	39.6333N	108.9812W	2099
Criterion Ridge	CROR	Oregon,U.S.A.	44.9828N	120.9880W	1015
Crittenden County--Downhole	CRID	Arkansas,U.S.A.	35.3020N	90.3330W	36
Crittenden County--Surface	CRIS	Arkansas,U.S.A.	35.3020N	90.3330W	64
Crivoux	CREF	Provence-Cote d'Azur,France	44.5495N	6.6228E	1680
Crni Vrh	CRNS	Slovenia	46.0807N	14.2613E	689
Crocker Grade	CRGC	California,U.S.A.	35.2422N	119.7230W	1204
Croghan	DCN	Ireland	53.3439N	7.2767W	150
Croghan	CROG	New York,U.S.A.	43.9050N	75.4125W	244
Crook	LCK	England,United Kingdom	54.3595N	2.8715W	200
Cross Fire Station	CFS	South Carolina,U.S.A.	33.2787N	80.1693W	26
Cross River	CRNY	New York,U.S.A.	41.3118N	73.5482W	293
Crossville	CS	Tennessee,U.S.A.	35.8153N	85.1594W	579
Crossville	CS-TN	Tennessee,U.S.A.	35.8153N	85.1594W	579
Crow Canyon Rd	CCNM	California,U.S.A.	37.7915N	121.9480W	219
Crow Canyon Road	CYC	California,U.S.A.	37.7915N	121.9480W	219
Crowley Lake	CLKR	California,U.S.A.	37.5907N	118.8240W	2576
Crown Mine	CMN	Nevada,U.S.A.	40.8160N	117.5280W	1792
Crown Point	CPI	Idaho,U.S.A.	43.8667N	116.3000W	
Crows Nest Canyon	CNCI	Idaho,U.S.A.	43.9290N	113.4530W	1914
Crozet Islands	CRZF	Crozet Islands	46.4296S	51.8612E	140
Crutchfield	CRU	Kentucky,U.S.A.	36.5950N	89.0200W	127
Crystal Lake	CLY	New York,U.S.A.	43.8513N	74.4490W	579
Crystal Springs Elementary School	CSEN	Washington,U.S.A.	47.8000N	122.2100W	
Csakvar	PKSC	Hungary	47.3806N	18.4371E	200
CSIRO Animal Health Laboratory	GEAM	Victoria,Australia	38.1530S	144.3890E	100
Cu@15pira	CUPV	Venezuela	10.0570N	65.7880W	668
Cuddapah	CUD	India	14.4759N	78.7661E	137
Cudjo Caverns	CCVA	Virginia,U.S.A.	36.6030N	83.6670W	571
Cuesta del Viento	ACDV	San Juan,Argentina	30.1703S	69.1206W	1630

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Cueva Verdes	CDLV	Canary Islands,Spain	29.1631N	13.4439W	37	
Cuglieri	CUG	Sardinia,Italy	40.1869N	8.5698E	445	
Cukurca	CUKT	Turkey	37.2474N	43.6076E	1298	From 2005-10-01
Culebra	CULB	Puerto Rico	18.3100N	65.3300W		
Culebra	CUP	Puerto Rico	18.3350N	65.3090W	120	From 1975-07-01 to 1999-08-25
Culiacan	CUL	Sinaloa,Mexico	24.8080N	107.3160W		
Cultus Mountains	CMW	Washington,U.S.A.	48.4237N	122.1190W	1190	
Cumana	CUM	Venezuela	10.4650N	64.1700W	24	From 1969-08-01
Cumanacoa	COAV	Venezuela	10.1580N	63.8270W	1232	
Cumbal	CMBC	Colombia	0.8594N	77.8419W	3420	From 1994-01-01
Cumberland Gap	CG-VA	Virginia,U.S.A.	36.6264N	83.2600W	396	From 1962-06-01 to 1965-07-23
Cumberland Gap	CGTN	Tennessee,U.S.A.	36.5580N	83.7110W	704	From 1981-10-23 to 1982-04-03
Cumberland Gap	CG-	Virginia,U.S.A.	36.6264N	83.2600W	396	From 1962-06-01 to 1965-07-23
Cumberland Plat.	CPO5	Tennessee,U.S.A.	35.6038N	85.5735W	570	
Cumberland Plateau	CPO	Tennessee,U.S.A.	35.5948N	85.5704W	574	From 1963-02-13 to 1999-08-25
Cumberland Plateau	CPOT	Tennessee,U.S.A.	35.6038N	85.5735W	570	
Cumberland Plateau	RSCP	Tennessee,U.S.A.	35.6000N	85.5689W	581	
Cumberland Plateau Observatory	CP-SO	Tennessee,U.S.A.	35.5947N	85.5706W	574	
Cumbre	CUMB	Ecuador	0.6700S	78.4300W	5820	
Cumshewa	CWB	British Columbia,Canada	53.1581N	131.9970W	620	From 1985-09-01
Cupa	CUPA	Ecuador	0.3665N	79.5000W	113	From 1994-08-08
Curarigua	CURV	Venezuela	10.0130N	69.9610W	750	From 2002-06-20
Curley Farm, La Sal	R19A	Utah,U.S.A.	38.2916N	109.2607W	2035	From 2007-06-24
Currant	CND	Nevada,U.S.A.	38.8320N	115.2900W	2292	From 1975-11-01
Currant	CU-	Nevada,U.S.A.	38.6772N	115.4550W	1646	From 1963-09-09 to 1964-03-09
Currant	CU-NV	Nevada,U.S.A.	38.6772N	115.4550W	1646	From 1963-09-09 to 1964-03-09
Currie	O12A	Nevada,U.S.A.	40.2679N	114.7454W	1743	From 2006-05-18
Curry Mountain	PCRM	California,U.S.A.	36.0938N	120.4350W	296	From 1975-09-04
Cushendall	GCL	Northern Ireland,United Kingdom	55.0760N	6.1300W	275	From 1989-01-01
Cusmapa	CUSS	El Salvador	13.9092N	89.9472W	678	
Cusp Creek	CCC	British Columbia,Canada	56.1233N	122.3000W		From 1967-12-01 to 1973-04-06
Cussignacco Udine	CUSI	Italy	46.0370N	13.2530E	90	
Cusua	CUSU	Ecuador	1.4428S	78.4805W	2700	
Cuyoaco	CUPM	Puebla,Mexico	19.6036N	97.6186W	2450	
Cuyo Island	CUYO	Palawan,Philippines	10.8500N	121.0180E	196	
Cuzco	CUS	Peru	13.5633S	71.8767W	3240	
Cypress Bend	CBD	Missouri,U.S.A.	36.3170N	89.6510W	84	From 1985-06-21
Dabaa	DABA	Egypt	31.0098N	28.2814E	92	
Dabajuro	DABV	Venezuela	10.9220N	70.6360W	152	From 2002-04-17
Dabo	DSRI	Peninsular Malaysia	0.4793S	104.5778E	58	From 2005-01-01
Dabrowa Gornicza	DGP	Poland	50.3292N	19.2142E	275	
Daday	BALT	Turkey	41.5342N	33.3858E	1746	From 1994-06-01
Daegu	KSDAG	South Korea	35.7685N	128.8970E	263	From 2001-12-05
Daegwallyong	KSDGY	South Korea	37.6904N	128.6742E	791	From 2001-12-11
Daegjeon	KSTEJ	South Korea	36.3681N	127.3712E	68	
Dafare	DAF	Djibouti	11.6077N	42.5292E	270	From 1976-03-01
Dagmar	DGMT	Montana,U.S.A.	48.4702N	104.1959W	646	
Dahal	DHLJ	Jordan	30.8200N	35.4020E	-80	From 1990-02-23
Dakar	DAK	Senegal	14.6667N	17.4333W	30	
Dake	DAKH	Aomori,Japan	40.6311N	140.2725E	525	
Dakhla	HDK1	Egypt	25.5432N	29.4028E	568	From 2001-02-10
Dalandzadgad	DZD	Mongolia	43.5700N	104.4100E	1485	
Dalbeg	DLBQ	Queensland,Australia	20.1491S	147.2670E	116	From 1984-04-09
Dalfsen	NE38	Netherlands	52.5038N	6.2592E	3	
Dalhousie	DLH	Himachal Pradesh,India	32.5417N	75.9667E	1960	
Dalia	MDAL	Morocco	35.9000N	5.4810W	30	From 2000-06-10
Dalian	DL2	Liaoning,China	38.9061N	121.6280E	62	From 1983-08-01
Dallas	DLS	Texas,U.S.A.	32.8778N	96.7056W	169	From 1971-02-20 to 1975-12-31
Dallas	DAL	Texas,U.S.A.	32.8461N	96.7839W	187	From 1953-12-14
Dalselv	N1R6	Norway	66.2610N	13.9700E	85	
Dalton	DLT	California,U.S.A.	34.1700N	117.8100W	523	From 1950-07-20 to 1959-08-29
Dalton	DALG	Georgia,U.S.A.	34.6088N	85.0137W	457	
Dalton Mountain	DMMT	Montana,U.S.A.	46.8623N	112.7150W	2039	From 1987-11-19 to 1990-07-10
Dalton (NSW)	DLN	New South Wales,Australia	34.7233S	149.1820E	550	From 1961-01-01 to 1972-08-09
Dalton Road	CDAL	California,U.S.A.	37.7300N	121.7280W	190	From 1980-02-01
Dalyan (Mudla)	DALT	Turkey	36.7691N	28.6371E	548	From 2004-08-17
Daman	DMN	Nepal	27.6090N	85.1060E	2225	From 1980-03-27
Damascus University	DUSS	Syria	33.5110N	36.2880E	667	
Damavand	IDMV	Iran	35.5772N	52.0322E	2300	From 1996-01-01
Damavand	DAMV	Iran	35.6302N	51.9708E	2300	From 2004-01-19
Dampier	DAM	Western Australia,Australia	20.6667S	116.6670E		
Damuels	DAVA	Austria	47.2867N	9.8803E	1602	
Dana Ranch, Cascade	D16A	Montana,U.S.A.	47.0308N	111.5492W	1427	From 2007-09-27
Danby, Needles	DANC	California	34.6375N	115.3812W	428	From 1998-09-22
Danda	WDT	Taiwan region	23.7560N	121.1330E	2550	
Dandelion	DAH	Hawaii,U.S.A.	19.3570N	155.6670W	3003	
Dane	DAN	Ontario,Canada	48.0667N	80.0167W		
Dangsing	DANN	Nepal	28.3500N	83.7600E	2500	From 1994-04-01
Daniels Canyon	DAU	Utah,U.S.A.	40.4125N	111.2560W	2771	From 1974-11-01
Danmarks Havn	DAG	Greenland	76.7714N	18.6547W	30	From 1972-09-14
Dannemora	DANY	New York,U.S.A.	44.8357N	73.7572W	507	From 1977-09-16 to 1982-05-13
Dannevirke	DVHZ	North Island	40.3006S	176.1664E	469	From 2008-01-14
Dannevirke	DNN	North Island,New Zealand	40.2167S	176.1170E	219	From 1932-07-01 to 1934-10-31
Danville	A09A	Washington,U.S.A.	48.9752N	118.5851W	931	From 2006-09-13 to 2008-05-17
Daraweish	JDRJ	Jordan	30.7280N	35.6660E	1365	From 1990-04-26
Daraweish	JDRJ	Jordan	30.7280N	35.6660E	1365	From 1990-04-26
Darb Altahta	DRBT	Syria	36.8513N	39.8112E	596	From 2002-04-01
Darband	DBP	Pakistan	34.3760N	72.8710E	704	
Darby	F13A	Montana,U.S.A.	45.7893N	114.3317W	1462	From 2006-10-18
Darende-Malatya	DARE	Turkey	38.9520N	37.8053E	1080	From 2007-07-31
Dar Kharkhour	DKH	Morocco	35.4880N	5.3608W	1237	
Dar Kodiak	DKD	Morocco	30.3600N	9.1460W	345	From 2001-06-02
Darlington East Ontario	DREO	Ontario,Canada	43.8724N	78.7040W	94	From 2007-06-22
Darlington West Ontario	DRWO	Ontario,Canada	43.8719N	78.7300W	59	From 2007-06-20
Darmstadt	WBB	Hessen	49.8434N	8.6626E	240	From 2003-01-10
Darouich	DRWC	Syria	36.6211N	36.6667E	920	From 1995-08-01
Dartmouth	DRT	Victoria,Australia	36.5833S	147.4920E	950	From 1975-12-01
Dartmouth Bedrock	DDBM	Victoria,Australia	36.5578S	147.5115E	329	
Dartmouth Crest	DDCM	Victoria,Australia	36.5609S	147.5241E	494	
Dartmouth Digital	DTMM	Victoria,Australia	36.5293S	147.4686E	436	
Daru	DNG	Papua New Guinea	9.0885S	143.2060E	3	
Darwin	DAR	Northern Territory,Australia	12.4083S	130.8180E	6	
Darwin (Calif)	DAC	California,U.S.A.	36.2770N	117.5937W	1813	From 1960-06-01
Dashabbas	IDSA	Iran	32.4828N	47.8416E	0	From 1998-01-01
Datca	DAT	Turkey	36.7290N	27.5778E	1100	From 2005-10-08
Datong	TTC	Shanxi,China	40.1350N	113.2370E	1175	
Davao	DAP	Mindanao,Philippines	7.0667N	125.6000E	19	From 1972-01-01 to 1999-08-25
Davao City--Mintal	DMPH	Mindanao,Philippines	7.0830N	125.5080E	150	
Davao City (W)	DAV	Mindanao,Philippines	7.0700N	125.5790E	145	From 1964-08-24
Davao Weather Station	DWP	Mindanao,Philippines	7.1272N	125.6557E		
Davenport	DPW	Washington,U.S.A.	47.8706N	118.2030W	892	From 1986-11-01
Davenport	DVW	Washington,U.S.A.	47.6383N	118.2260W	717	From 1975-06-01
David	DVD	Panama	8.4358N	82.4506W	20	From 1986-06-01
David-gareji	DGRG	Georgia	41.4507N	45.3732E	690	
Davos	DAVON	Switzerland	46.8368N	9.7967E	2800	
Davos	DAVOS	Switzerland	46.8394N	9.7939E	2800	From 1974-09-10
Davos	DAVOX	Switzerland	46.7806N	9.8797E	1830	
Dawson	DAWY	Yukon Territory,Canada	64.0655N	139.3910W	808	From 1992-09-30
Dawson City	DWY	Yukon Territory,Canada	64.0533N	139.4320W	346	From 1984-09-17
Dawson Falls	DFE	North Island,New Zealand	39.3275S	174.1036E	880	From 1992-06-01
Dawson Inlet	DAWS	British Columbia,Canada	53.2340N	132.4782W	211	
Dawson Inlet, BC	DIB	British Columbia,Canada	53.2025N	132.4767W	68	From 2004-03-15
Day	DAY	Djibouti	11.7527N	42.6382E		
Dayton	DYTN	Tennessee,U.S.A.	35.4910N	85.0920W	580	
Deadman Bay	DMB	Alaska,U.S.A.	57.0872N	153.9600W	300	From 1975-10-01
Deadman Peak	DMPK	New Mexico,U.S.A.	36.4264N	106.7760W	2664	From 1976-11-22
Dead Sea	DSI	Israel	31.5700N	35.3800E	200	
Dead Sea Dam 2	DSD2	Israel	31.1800N	35.4400E	-390	
Dease Lake	DLB	British Columbia,Canada	58.4270N	130.0610W	1210	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Dease Lake	DLBC	British Columbia,Canada	58.4372N	130.0270W	978	From 1994-09-28
Death Valley	DV-	California,U.S.A.	35.8333N	116.1017W	792	From 1962-01-20 to 1962-04-23
Death Valley	DV-CL	California,U.S.A.	35.8333N	116.1017W	792	From 1962-01-20 to 1962-04-23
De Beque	P20A	Colorado,U.S.A.	39.4998N	108.3912W	1738	From 2007-12-08
De Bilt	DBN	Netherlands	52.1017N	5.1767E	3	From 1908-08-01
Debin	DBI	Magadanskaya Oblast',Russia	62.3390N	150.7550E	332	
Debrecen	DEB	Hungary	47.5611N	21.6389E	0	
Deception Hills	DHAK	Alaska,U.S.A.	59.0912N	138.2136W	678	
Deception Island	DEC	South Shetland Islands,Antarctica	62.9833S	60.7167W	7	
Deep Cove	DCZ	South Island,New Zealand	45.4783S	167.1540E	20	From 1991-05-28
Deep Springs	DSP	California,U.S.A.	37.3700N	117.9700W	0	
Deep Creek Reservoir	DCU	Utah,U.S.A.	40.4137N	111.5270W	1829	From 1974-11-01
Deer Hill, Carlsbad	225A	New Mexico,U.S.A.	32.1101N	104.8229W	1703	From 2008-03-26
Deer Island	DRRA	Alaska,U.S.A.	54.9235N	162.2832W	380	
Deer Island	DRIA	Alaska,U.S.A.	54.9661N	162.2629W	457	From 1996-07-01
Deer Lake	DRLN	Newfoundland,Canada	49.2560N	57.5042W	238	From 1993-12-14
Deerlick Creek	DLC	Alabama,U.S.A.	33.2608N	87.4448W	137	
Deer Lodge	E15A	Montana,U.S.A.	46.4246N	112.6412W	1520	From 2006-10-10
Dehra Dun	DDI	Uttar Pradesh,India	30.3225N	78.0556E	682	
Dehras	IDHR	Iran	34.6997N	46.3866E	1866	From 2004-01-01
Dekalb	DKH	Illinois,U.S.A.	41.9331N	88.7650W	259	From 1987-01-01
Delaikoro	NDE	Fiji	16.5860S	179.3176E	941	From 1981-11-01
Delamar Landing Field, Caliente	S12A	Nevada,U.S.A.	37.6083N	114.8489W	1479	From 2007-02-10
Delamar Mountains	DLM	Nevada,U.S.A.	37.6063N	114.7384W	1744	From 1978-06-08 to 2002-10-10
Delary	DEL	Sweden	56.4700N	13.8700E	150	From 1969-10-25
Delary	DEL1	Sweden	56.4717N	13.8683E	150	From 1967-08-01 to 1969-10-24
Delaware Emergency Management Agency	DEMA	Delaware,U.S.A.	39.3187N	75.6098W	12	
Delaware (Ont)	DLA	Ontario,Canada	42.8583N	81.5733W	227	From 1975-06-01
Delcer	SLDE	St Lucia	13.8031N	61.0583W	246	
Delcommune	DCC	Congo (Kinshasa)	10.5100S	25.4550E	1437	
Delhi	DH-NY	New York,U.S.A.	42.2442N	74.8883W	652	From 1961-10-28 to 1965-11-15
Delhi	DH-	New York,U.S.A.	42.2442N	74.8883W	652	From 1961-10-28 to 1965-11-15
Delisi	TBLG	Georgia	41.7309N	44.7382E	510	From 1976-01-01
Dell	DLAR	Arkansas,U.S.A.	35.8097N	90.0080W	57	
Dellbruck	BA08	Nordrhein-Westfalen	50.9642N	7.0755E	58	From 2006-10-01
Delli Paoli	PLY	New York,U.S.A.	41.2528N	73.9108W	67	
Dell Rapids	DL-	South Dakota,U.S.A.	43.8328N	96.7733W	488	From 1962-12-28 to 1963-03-21
Dell Rapids	DL-SD	South Dakota,U.S.A.	43.8328N	96.7733W	488	From 1962-12-28 to 1963-03-21
Delmo Park	DPM	Montana,U.S.A.	45.9690N	112.2690W	1855	From 1984-01-01 to 1985-07-22
Deloro Mine	DELO	Ontario,Canada	44.5177N	77.6186W	213	
Delta	DELX	Baja California	32.3552N	115.1872W	28	From 1987-02-01
Delta Junction E	DJE	Alaska,U.S.A.	64.0280N	145.6790W	378	From 1990-06-07 to 2002-12-20
Delta Microwave	DMW	Alaska,U.S.A.	64.0563N	145.7310W	346	From 1986-01-01
Del Valle	CDVM	California,U.S.A.	37.5663N	121.6800W	250	From 1979-10-10
Del Valle	CL1	California,U.S.A.	37.5663N	121.6800W	250	From 1979-10-10
Demacu	DEIG	Mexico D.F.,Mexico	20.3012N	99.0353W	1994	From 2003-06-28
Demirci	DEMI	Turkey	39.0428N	28.7162E	920	From 2007-05-21
Demirkent	DDEM	Turkey	40.8923N	41.7507E	1149	From 2007-09-26
Demirkopru	DKP	Turkey	38.6142N	28.3128E	250	
Demirkoy	DMK	Turkey	41.8216N	27.7572E	315	From 1970-08-01 to 2003-02-28
Demirtas	DMT	Turkey	40.2750N	29.0972E	140	From 1978-08-01 to 1999-08-25
Demmitville	DMV	Missouri,U.S.A.	36.7040N	89.7450W	89	
Denali Highway	DHY	Alaska,U.S.A.	63.0763N	147.3730W	1615	From 1993-07-06
Denizli	DENT	Turkey	37.7540N	29.0330E	637	
Denniston	DNS	South Island,New Zealand	41.7381S	171.7960E	600	From 1968-05-25 to 1968-07-02
Denniston North	DSZ	South Island,New Zealand	41.7469S	171.8030E	630	From 1990-02-19
Denny Creek	YPDC	Montana,U.S.A.	44.7095N	111.2397W	2025	
Denpasar	DNP	Bali,Indonesia	8.6772S	115.2102E	15	From 1968-01-01
Denpasar	IGBI	Bali	8.8181S	115.1456E	0	From 2005-01-01
Dent	DEI	Idaho,U.S.A.	46.6400N	116.1990W	960	From 1971-10-01 to 1974-07-25
Dent Fell	XDE	England,United Kingdom	54.5058N	3.4897W	291	From 1983-04-15
Denton	DNT	Texas,U.S.A.	33.2167N	97.1333W	208	From 1925-01-01 to 1999-08-25
Denver	DEN	Colorado,U.S.A.	39.7917N	105.0330W	1655	From 1909-08-01
Denville	DENJ	New Jersey,U.S.A.	40.9662N	74.4642W	298	
Deposit	DP-NY	New York,U.S.A.	42.0883N	75.4522W	579	From 1962-07-07 to 1962-07-17
Deposit	DP-	New York,U.S.A.	42.0883N	75.4522W	579	From 1962-07-07 to 1962-07-17
Derazinda	DRP	Pakistan	31.7440N	70.2028E	638	
Derbent	DRN	Dagestan,Russia	42.0300N	48.3300E	-28	
Derbent	DERT	Turkey	40.3558N	29.6760E	50	From 1994-01-01
Derby	DVT	Vermont,U.S.A.	44.9620N	72.1709W	370	
Derby	DER	Colorado,U.S.A.	39.8678N	104.8840W		
Dersam	DNY	New York,U.S.A.	42.8363N	78.1688W	381	From 1971-07-01 to 1979-04-30
Dervenii	DVI	Greece	38.1020N	22.4090E	410	From 2006-05-10
Desaguadero	DSG	Bolivia	16.5594S	69.0250W	3810	
Des Bee Dove	DBD	Utah,U.S.A.	39.3137N	111.0925W	2265	
Dese	DESE	Ethiopia	11.1180N	39.6352E	2538	From 1988-01-01
Desert	DES	Hawaii,U.S.A.	19.3367N	155.3880W	815	From 1958-07-01
Desert Hot Springs	DHS	California,U.S.A.	33.9667N	116.5000W	330	From 1948-01-01 to 1949-03-31
Deserto Penisola Sorrentina	DPS	Italy	40.6100N	14.3651E	456	From 1972-12-01
Deserto P. S.	DP1	Italy	40.6100N	14.3651E	456	From 1972-12-01
Desert Tortoise Park	DTP	California,U.S.A.	35.2675N	117.8450W	951	
Desert V Tower	DVTC	California,U.S.A.	32.6591N	116.1006W	881	
Desfina	DSF	Greece	38.4112N	22.5271E	699	From 2008-02-28
Des Moines	DMI	Iowa,U.S.A.	41.6000N	93.6833W	296	From 1934-12-20 to 1937-06-30
Despedida	DSPA	Tierra del Fuego,Argentina	53.9536S	68.2668W	150	
Detroit Lake	H04A	Oregon,U.S.A.	44.6837N	122.1862W	652	From 2005-11-09
Deva	DEV	Romania	45.8833N	22.9033E	250	From 1970-02-01
Devilbend	DVBM	Victoria,Australia	38.2874S	145.0977E	75	
Devil Canyon	DVL	California,U.S.A.	34.1998N	117.3280W	598	From 1974-12-01 to 1976-11-30
Devil Mountain	DMA	Alaska,U.S.A.	66.3100N	164.5200W	243	From 1977-08-01
Devils Kitchen North	DKNM	California,U.S.A.	36.0510N	117.8088W	1347	
Devils Point	DVP	Vanuatu	17.7253S	168.1870E		
Devrek	DVR	Turkey	41.1594N	32.0075E	960	From 1991-01-01
Dezadeash Lake	DLY	Yukon Territory,Canada	60.3700N	137.0650W	738	From 1978-11-20 to 1981-03-31
Dgnorisa	DGN	Georgia	42.4666N	42.8333E	450	From 1979-01-01
Dhahab	HDHB	Egypt	28.7221N	34.6188E	19	
Dhahran	DHR	Saudi Arabia	26.3039N	50.1389E	72	
Dhama@18r BB	DHBB	Yemen	14.5710N	44.3900E	2460	
Dhamar	DHMR	Yemen	14.5610N	44.3870E	2429	From 1994-06-01
Dharan Janob	DHJN	Saudi Arabia	17.6600N	43.4890E	2400	From 1990-06-13
Dharwar	DHD	Goa, Daman and Diu,India	15.4328N	74.9844E	755	
Diadem	DMP	South Island,New Zealand	44.4142S	169.8270E	820	From 1975-06-01 to 1983-11-21
Diamond D Ranch, Stanley	H12A	Idaho,U.S.A.	44.5494N	114.8554W	1777	From 2006-11-17
Diamond G Ranch, Dubois	H18A	Wyoming,U.S.A.	43.7013N	109.8171W	2322	From 2007-10-26
Diamond Head	DHH	Hawaii,U.S.A.	21.2686N	157.8040W	137	From 1985-05-01
Diamond Ranch	DIR	California,U.S.A.	36.3363N	120.3760W	496	From 1973-11-07 to 1975-06-16
Diaselo	DSL	Greece	39.1338N	21.0963E	525	From 2008-02-22
Diavik Mine	DVKN	Northwest Territories,Canada	64.5092N	110.3096W	420	
Dickey	D1A	Maine,U.S.A.	47.0586N	69.0989W	305	From 1976-10-01 to 1999-01-31
Dickey	D6A	Maine,U.S.A.	47.0890N	69.4957W	430	
Dickey	D5A	Maine,U.S.A.	47.0113N	69.2650W	365	
Dickey	D4A	Maine,U.S.A.	47.1881N	69.2767W	490	
Dickey	D3A	Maine,U.S.A.	47.0875N	69.1669W	259	From 1976-10-01 to 1999-08-25
Dickey	D2A	Maine,U.S.A.	47.1303N	69.1503W	402	From 1976-10-01 to 1999-08-25
Dickinson College	DCP	Pennsylvania,U.S.A.	40.2040N	77.1970W	143	From 1990-01-14
Dider Farm, Eltopia	E08A	Washington,U.S.A.	46.4911N	119.0595W	233	From 2006-09-26
Didima	DID	Greece	37.5063N	23.2368E	520	From 2006-04-10
Didziasalis	IDID	Lithuania	55.3148N	26.7390E	141	
Diego Garcia	DGAR	Chagos Archipelago	7.4121S	72.4525E	0	
Dienbien	DBV	Vietnam	21.3900N	103.0250E	1050	
Difesa San Luca	DSB1	Italy	41.2872N	14.9769E	940	
Digger Butte	LDBM	California,U.S.A.	40.4317N	121.7850W	1225	
Digne	OG29	Rhone-Alpes	44.0925N	6.2650E	685	From 1991-01-22
Digne	OGDI	Provence-Cote d'Azur,France	44.1100N	6.3003E	770	
Digorskoe uzhel'e	DIGR	Severo-Osetinskaya	42.8994N	43.5807E	1907	From 2003-11-01
Dikmen	DIKM	Turkey	41.6496N	35.2578E	258	From 2006-06-27
Dilar	EXDI	Spain	37.0680N	3.6010W	898	
Dilar	DILR	Spain	37.0430N	3.6188W	1100	
Dili	DLI	East Timor	8.5669S	125.5533E	0	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Dillingham	DLL	Alaska,U.S.A.	59.0000N	158.7000W	0	
Dillon	G15A	Montana,U.S.A.	45.1660N	112.4887W	1857	From 2006-11-09
Dillon	DI-	Montana,U.S.A.	45.1736N	112.4478W	1859	From 1966-05-23 to 1966-05-24
Dillon	DI-MA	Montana,U.S.A.	45.1736N	112.4478W	1859	From 1966-05-23 to 1966-05-24
Dillon	DLMT	Montana,U.S.A.	45.3625N	112.5964W	1569	
Dillon Ranch	HDLM	California,U.S.A.	36.8353N	121.6440W	204	From 1967-08-09
Dillon Ranch	AN5*	California,U.S.A.	36.8353N	121.6440W	204	From 1967-08-09
Dillon Ranch	DIL	California,U.S.A.	36.8353N	121.6440W	204	From 1967-08-09
Dimbokro	DBIC	Ivory Coast	6.6701N	4.8563W	25	
Dimitrovgrad	DIM	Bulgaria	42.0500N	25.5333E	160	
Dimona	DIMI	Israel	31.0080N	35.1020E	520	
Dine' College, Tsaile	U19A	Arizona,U.S.A.	36.2925N	109.2076W	2166	From 2008-02-21
Dipolog	DIP	Mindanao,Philippines	8.6000N	123.3500E	3	From 1972-01-01 to 1972-10-31
Dipolog City	DCPH	Mindanao,Philippines	8.5830N	123.3520E	5	
Discovery Mine	DSMN	Northwest Territories,Canada	63.1799N	113.9004W	307	
Disk Island	DSK	Alaska,U.S.A.	60.5020N	147.6470W	15	From 1974-07-27 to 1975-10-18
Disney	DWPF	Florida,U.S.A.	28.1103N	81.4328W	-142	
Divcibare	DIVS	Serbia	44.0981N	19.9917E	996	From 2003-09-30
Divide	DIV	Alaska,U.S.A.	61.1295N	145.7717W	931	
Divnogorie	VORD	Voronezhskaya Oblast'	50.9660N	39.2930E	94	From 1998-02-01
Dixie Hot Springs	DXR	Nevada,U.S.A.	39.8022N	118.0820W	1143	From 1980-01-01
Dixie Valley	P08A	Nevada,U.S.A.	39.6946N	118.0800W	1040	From 2006-02-26 to 2008-03-11
Diyadin	DYDN	Turkey	39.5436N	43.6889E	2010	From 2006-09-13
Diyarbakir	DIY	Turkey	37.8958N	40.2263E	900	From 1994-01-06
Diyarbakir	DIYA	Turkey	37.9234N	40.1208E	838	From 2006-12-18
Djebel Ababsia	CABS	Algeria	36.2733N	7.4778E	1025	
Djebel Ababsia	ABSA	Algeria	36.2733N	7.4778E	1025	
Djebel Berber	OJBR	Algeria	35.5835N	0.3450E	800	
Djebel Bou Affroun	DFRA	Algeria	36.5450N	5.8769E	1187	
Djebel Bou Ahmed	EBHM	Algeria	36.3772N	1.0758E	829	
Djebel Bou Ietas	OBLS	Algeria	34.9750N	0.4420W	1053	
Djebel Bou Maad	EBOM	Algeria	36.4222N	2.2128E	1225	
Djebel Bou Yalou	EBYL	Algeria	36.4242N	1.8325E	1051	
Djebel Djouab	ADJB	Algeria	36.1577N	3.4380E	1140	
Djebel Guires	OJGS	Algeria	35.5045N	0.7497E	920	
Djebel Kef Guellal	OKGL	Algeria	36.0380N	0.6430E	560	
Djebel Ketaf	AKET	Algeria	36.0470N	3.8822E	1428	
Djebel Kodjel	OKJL	Algeria	35.0405N	0.1647E	1075	
Djebel Mahouada	EMHD	Algeria	36.2008N	2.9530E	1250	
Djebel Manchoura	CMAH	Algeria	36.6250N	7.4197E	795	
Djebel Midouna	OMID	Algeria	35.2800N	0.1900W	745	
Djebel Saadia	ESAD	Algeria	35.9167N	1.3572E	890	
Djebel Tachoubennt	ETHB	Algeria	36.0245N	1.7300E	1070	
Djebel Tanoua	ETAN	Algeria	35.9083N	2.3358E	1595	
Djebel Tarf	ATAF	Algeria	35.8737N	4.2772E	1000	
Djebel Teioualt	CTEI	Algeria	36.0630N	6.4063E	1285	
Djebel Tessala	OTSS	Algeria	35.2817N	0.7942W	1055	
Djerdap	DJES	Serbia,Serbia and Montenegro	44.6333N	22.5250E		
Dmanisi	DMNS	Georgia	41.3300N	44.2000E	1260	
Doan Hung	DHV	Vietnam	21.6268N	105.1838E	70	
Dobbs Creek Ranch, Lacey	D04A	Washington,U.S.A.	47.1109N	122.8035W	31	From 2005-10-24 to 2008-03-29
Dobcross Hall	BDL	Scotland,United Kingdom	54.8030N	2.9385W	157	
Doboj	DOB	Bosnia-Herzegovina	44.7330N	18.1000E	165	From 2003-09-01
Dobrina	DOBS	Slovenia	46.1495N	15.4691E	425	From 1996-12-01
Dobrovo	DBY	Slovenia	45.9990N	13.5280E	100	From 1989-08-14 to 1989-08-17
Dobruska-Polom	DPC	Czech Republic	50.3502N	16.3222E	748	
Dochfour	MDO	Scotland,United Kingdom	57.4410N	4.3630W	366	From 1981-01-01
Dochia	DOC	Romania	46.9069N	26.5500E	330	From 1984-01-01 to 1988-08-15
Docker River	DOCK	Western Australia,Australia	24.8380S	129.0334E	650	
Dodaira	DDR	Saitama,Japan	35.9983N	139.1930E	800	From 1966-04-01
Dodoma	DOD	Tanzania	6.2083S	35.7556E	1204	
Dodoni	DDN	Greece	39.5314N	20.8449E	1108	From 2007-11-07
Dodson Butte	DBO	Oregon,U.S.A.	43.1192N	123.2430W	984	From 1990-08-01
Dog Skin Mountain	DSM	Nevada,U.S.A.	39.8672N	119.7087W	1804	
Dogwood	DWM	Missouri,U.S.A.	36.8050N	89.4900W	92	From 1974-11-20
Dogwood	DWDM	Missouri,U.S.A.	36.7961N	89.4927W	89	
Doi Son	DSV	Vietnam	20.5870N	105.9740E	70	
Dolgoi Island	DOL	Alaska,U.S.A.	55.1485N	161.8636W	442	From 1996-07-01
Dolgoi Island	DLG	Alaska,U.S.A.	55.1410N	161.8358W	367	
Dolores	ABRA	Luzon,Philippines	17.6490N	120.7120E	50	
Dombas	DOMB	Norway	62.0424N	9.0642E	660	
Domengine Ranch	PDRM	California,U.S.A.	36.3357N	120.3690W	488	
Domengioni Valley Reservoir	DGR	California,U.S.A.	33.6500N	117.0095W	609	From 1993-03-17
Dome Shelter	DRZ	North Island,New Zealand	39.2764S	175.5640E	2600	From 1984-04-01
Dominica	DOM	Dominica	15.2960N	61.3910W	15	From 1953-02-03
Domo	DOMO	Ecuador	0.3033N	78.3592W	3600	From 1994-04-01 to 1994-08-31
Domodossola	DMD	Italy	46.1167N	8.3000E	280	
Dompierre	DOMF	Nord-Pas-de-Calais,France	50.1288N	3.8610E	145	
Dongducheon	KSDDC	South Korea	37.9000N	127.0577E	112	From 2000-11-10
DONGHAE	KSTOH	South Korea	37.5026N	129.1226E	40	From 2000-03-10
Dongo Capesterre	DOG	Guadeloupe	16.0320N	61.6178W	460	
Dongola	DON	Missouri,U.S.A.	37.1760N	89.9330W	165	From 1974-07-10
Donnelly	H11A	Idaho,U.S.A.	44.7035N	116.0127W	1525	From 2006-10-27
Donnelly Dome	DDM	Alaska,U.S.A.	63.7872N	145.8630W	920	From 1977-09-01
Don Santos Ranch	CDSM	California,U.S.A.	37.9663N	122.2530W	109	From 1973-11-15
Doolan Road	CDOM	California,U.S.A.	37.7300N	121.8350W	198	From 1970-07-29
Doolan Road	DOO	California,U.S.A.	37.7300N	121.8350W	198	From 1970-07-29
Doongara	DNGQ	Queensland,Australia	20.5550S	146.4750E	280	From 1984-02-29
Dopca	DOPR	Romania	45.9674N	25.3887E	526	From 2005-08-31
Dora Dora	DRAM	Victoria,Australia	35.9654S	147.3754E	230	
Dorchester	DRC	South Carolina,U.S.A.	33.1075N	80.3883W	20	
Dorgali Grotta	DGI	Sardinia,Italy	40.3182N	9.6067E	343	
Dorot	DOR	Israel	31.5090N	34.6860E	130	
Dortyol	DRTT	Turkey	36.8400N	36.2480E	45	From 1994-03-01
Dos Bocas Dam	DOS	Puerto Rico	18.3294N	66.6789W	400	From 1974-08-16 to 1975-07-17
Dos Rios de Upala	2RIO	Costa Rica,Costa Rica	10.5284N	85.2332W	619	
Dosso del Sommo	DDS	Italy	45.8800N	11.1883E	1670	From 1981-06-15
Dot Lake	DOT	Alaska,U.S.A.	63.6487N	144.0620W	671	From 1986-01-01
Double 8 Ranch, Willits	P01C	California,U.S.A.	39.4690N	123.3375W	440	From 2005-08-24 to 2007-09-04
Double Butte	DB2	California,U.S.A.	33.7350N	117.0620W	625	
Double Diamond Ranch, Oakley	L13A	Idaho,U.S.A.	42.0886N	113.9444W	1482	From 2006-12-13
Double Mountain	DBM	California,U.S.A.	34.9790N	118.3610W	1204	
Double T Ranch, Babb	A14A	Montana,U.S.A.	48.9725N	113.4218W	1420	From 2007-09-03
Douglas	319A	Arizona,U.S.A.	31.3757N	109.2809W	1187	From 2007-03-06
Douliou City	WDL	Taiwan region	23.7150N	120.5390E	41	From 1999-08-04
Dourbes	NE06	Belgium	50.0960N	4.5942E	225	From 1982-07-01 to 2001-07-28
Dourbes	DOU	Belgium	50.0960N	4.5950E	224	From 1982-07-01
Downhole Baldwin Hills	DHB	California,U.S.A.	34.0175N	118.3850W		From 1973-03-01
Downie Pk Ridge	DPRB	British Columbia,Canada	51.5750N	118.1970W	2135	
Downie Slide	DOWB	British Columbia,Canada	51.5183N	118.5160W	594	
Downsview	DVO	Ontario,Canada	43.7833N	79.5167W	193	From 1975-08-01
Doyle Hill	DHN	New York,U.S.A.	42.8255N	78.1930W	491	
Dragan	DRR	Romania	46.7869N	22.7219E	955	From 1979-01-01 to 2004-03-05
Dragasani	DRA	Romania	44.6786N	24.2561E	180	From 1978-01-01
Drage	N2B4	Norway	62.1190N	5.2430E	110	
Dragoon	218A	Arizona,U.S.A.	31.9737N	110.0464W	1486	From 2007-03-05
Dragot	DRGI	Israel	31.5930N	35.3920E	12	
Drake Creek	DCID1	Idaho	43.5945N	111.1845W	1871	
Dramaga	DBJI	Jawa	6.5538S	106.7497E	211	From 2005-01-01
Draper Farm, Castleford	K12A	Idaho,U.S.A.	42.6360N	114.9029W	1091	From 2006-12-11
Dreilaegerbach Talsperre	DREG	Nordrhein-Westfalen	50.6630N	6.2330E	390	From 2006-11-01
Drenchia	DRE	Italy	46.1733N	13.6433E	810	From 1982-12-20
Drewsey	I08A	Oregon,U.S.A.	43.9104N	118.5692W	1189	From 2006-07-23 to 2008-04-06
Drift River	DFR	Alaska,U.S.A.	60.5920N	152.6860W	1097	From 1988-08-15
Drum Mountains (BLM), Topaz	P14A	Utah,U.S.A.	39.5906N	113.0687W	1784	From 2007-06-12
Drumtochty	EDR	Scotland,United Kingdom	56.9190N	2.5393W	388	From 1989-01-12
Dry Creek	GDCM	California,U.S.A.	38.7672N	123.2400W	772	From 1975-05-07
Dry Creek	DCI	Idaho,U.S.A.	43.9548N	111.0960W	2020	From 1974-06-01 to 1980-07-24
Dry Ridge	DY-	Kentucky,U.S.A.	38.6497N	84.6433W	259	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Dry Ridge	DY-KY	Kentucky,U.S.A.	38.6497N	84.6433W	259	
Drytown Water District	ADWM	California,U.S.A.	38.4392N	120.8480W	251	From 1976-07-21
Dry Willow Peak	DWU	Utah,U.S.A.	38.1053N	112.9980W	2270	
Duarte Ranch	DUC	California,U.S.A.	38.0297N	122.0010W	168	From 1971-04-28
Duba	DBAS	Saudi Arabia	27.2100N	35.9700E	452	
Dubki	DBC	Dagestan,Russia	43.0200N	46.8300E	900	
Dublin	DSB	Ireland	53.2452N	6.3762W	236	From 1993-12-01
Dublin Merrion Square	DMS	Ireland	53.3406N	6.2486W	5	From 1990-11-01 to 2002-01-06
Dubrovnik	DBR	Croatia	42.6470N	18.0790E	68	
Dubuque	DBO	Iowa,U.S.A.	42.5067N	90.6833W	244	From 1962-01-01
Ducktown	DCT	Tennessee,U.S.A.	35.0542N	84.4194W	508	
Duckwater	Q11A	Nevada,U.S.A.	38.8455N	115.6541W	1562	From 2006-06-08
Dugi Otok	DUOK	Croatia	44.1131N	14.9318E	115	
Dugout Coal Mine	DCM	Utah,U.S.A.	39.6950N	110.5833W	2537	
Dugway	DUG	Utah,U.S.A.	40.1950N	112.8130W	1477	From 1962-05-09
Duke of York Island	DOY	New Britain,Papua New Guinea	4.2170S	152.3980E	1	From 1983-11-17
Dulce	DNM	New Mexico,U.S.A.	36.9333N	106.9960W		
Duluth	DUL	Minnesota,U.S.A.	46.8200N	92.0833W	340	From 1952-01-01 to 1961-12-31
Dumont d'Urville	DRV	Terre Adelie,Antarctica	66.6650S	140.0090E	40	
Dundee	EDU	Scotland,United Kingdom	56.5475N	3.0142W	275	From 1969-01-01
Dunderburg Mountain	DBMY	New York,U.S.A.	41.2944N	73.9750W	27	
Dundo	DUN	Angola	7.4088S	20.8372E	709	From 1970-03-01
Dundret	DUNU	Sweden	67.1215N	20.5688E	500	From 2003-11-25
Dunedin	DNZ	South Island,New Zealand	45.8664S	170.5150E	15	From 1979-11-05
Dunedin-Penfold	DND	South Island,New Zealand	45.8833S	170.5320E	100	From 1945-01-01 to 1983-10-31
Dungji	WDGT	Taiwan region	23.2600N	119.6600E	33	
Dungshr Township	TWDS	Taiwan region	24.2600N	120.8310E	367	From 2001-04-10
Dunsmovintown East	DTEM	California,U.S.A.	36.0975N	117.9258W	1152	
Dunnerdale	CDU1	England,United Kingdom	54.3362N	3.1952W	355	From 1992-01-01
Dunnigan Hills	NDHM	California,U.S.A.	38.7655N	121.9120W	69	
Dunn Peak	DPI	Idaho,U.S.A.	47.2887N	116.8990W	1709	
Dunn Ranch,Anza	DNR	California	33.5667N	116.6306W	1274	From 2001-10-22
Dunphy	N10A	Nevada,U.S.A.	40.7186N	116.5080W	1392	From 2006-05-02
Dunsink Observatory	DDK	Ireland	53.3869N	6.3392W	85	From 1977-04-01 to 2002-01-06
Duppenweiler	DUP	Rheinland-Pfalz,Germany	49.4113N	6.7863E	280	
Duragan	DGT	Turkey	41.4258N	35.0655E	255	From 1976-09-01
Durango	DR-	Colorado,U.S.A.	37.4647N	107.7833W	2225	From 1961-10-01 to 1964-12-30
Durango	DGC	Colorado,U.S.A.	37.2625N	107.8990W	2340	From 1970-01-01 to 1972-11-30
Durango	DR-CO	Colorado,U.S.A.	37.4647N	107.7833W	2225	From 1961-10-01 to 1964-12-30
Durant	DU-OK	Oklahoma,U.S.A.	34.0364N	96.2178W	198	From 1963-08-14 to 1964-03-09
Durant	DU-	Oklahoma,U.S.A.	34.0364N	96.2178W	198	From 1963-08-14 to 1964-03-09
Durate Ranch	CDUM	California,U.S.A.	38.0297N	122.0010W	168	From 1971-04-28
Duren	BA11	Nordrhein-Westfalen	50.7666N	6.5010E	138	From 2006-10-01
Durham	DUR	England,United Kingdom	54.7684N	1.5850W	103	
Durham (NH)	DNH	New Hampshire,U.S.A.	43.1225N	70.8948W	24	From 1976-01-01
Durham Road	DREZ	North Island	39.1906S	174.2008E	272	From 2008-03-05
Durkee	H09A	Oregon,U.S.A.	44.6653N	117.6643W	1263	From 2006-07-29
Duronia	DUI	Italy	41.6589N	14.4581E	918	
Dursunbey	DURS	Turkey	39.6011N	28.4742E	960	From 2007-05-29
Dursunbey	DRB	Turkey	39.5811N	28.6374E	620	From 1970-08-01 to 1975-10-22
Dursunbey	DST	Turkey	39.6055N	28.6280E	685	From 1975-10-22
D'Urville Island	DIW	South Island,New Zealand	40.8022S	173.9220E	460	From 1990-06-01 to 2004-06-08
D'Urville Island	DUWZ	South Island	40.8037S	173.9214E	454	From 2005-03-10
Dushanbe	DSH	Tajikistan	38.5583N	68.7750E	847	
Dusheti	DUS	Georgia	42.0902N	44.7019E	946	From 1953-01-01
Dusing	DSN	New York,U.S.A.	42.8443N	78.1803W	412	From 1971-07-01 to 1976-01-16
Dutch Harbor	DUT	Alaska,U.S.A.	53.8983N	166.5370W	60	
Dutch Harbor	DHA	Alaska,U.S.A.	53.8950N	166.5330W		
Dutton Round Hill	DT1	Alaska,U.S.A.	55.1075N	162.2808W	210	From 1996-08-01
Dutton South Flank	DTNA	Alaska,U.S.A.	55.1493N	162.2520W	366	From 1996-08-01
Duxbury	DUX	Massachusetts,U.S.A.	42.0686N	70.7678W	27	From 1976-10-01
Duxbury	DXB	Massachusetts,U.S.A.	42.0610N	70.6992W	8	
Dweir	DWR	Lebanon	33.3855N	35.0680E	420	
Dwight	DTN	Nebraska,U.S.A.	41.0217N	97.0358W	464	From 1980-08-25
Dyer Hill	DHW	Washington,U.S.A.	47.9605N	119.7690W	850	From 1975-06-01
Dyer Hill 2	DHW2	Washington,U.S.A.	47.9853N	119.7700W	884	
Dyersburg	DY1	Tennessee,U.S.A.	36.1917N	89.3917W	120	From 1969-01-01 to 1970-12-31
Dyersburg	DRTN	Tennessee,U.S.A.	36.1370N	89.3650W	137	From 1989-08-08
Dylym	DLMR	Dagestan,Russia	43.0700N	46.6300E	420	
Dzhafr	DZH	Tajikistan	39.1000N	70.5833E	1650	
Dzhankel'dy	DZN	Uzbekistan	40.8500N	63.3400E	211	
Dzherino	DZE	Tajikistan	38.7800N	68.8300E		
Dzhirgatal'	DZT	Tajikistan	39.2200N	71.2200E		
Dzhizak	DZI	Uzbekistan	40.1200N	67.8200E	384	
Dziouia	ODZI	Algeria	35.2900N	1.2300W	293	From 2005-01-01
Eade Ranch	EADB	California,U.S.A.	35.8952N	120.4229W	254	
Eagle	EGC	Colorado,U.S.A.	39.6525N	106.8280W	2010	From 1970-01-01 to 1972-11-30
Eagle	EGAK	Alaska,U.S.A.	64.7774N	141.1581W	296	
Eagle Butte	EBS	South Dakota,U.S.A.	44.9998N	101.2320W	735	From 1972-05-01
Eagle Creek	ECR	Idaho,U.S.A.	43.0540N	111.3710W	2086	
Eagle Field, Dos Palos	E05C	California,U.S.A.	36.8953N	120.6737W	46	From 2005-02-14 to 2007-09-03
Eagle Flat	EF-	Texas,U.S.A.	31.1764N	105.1300W	1433	From 1962-01-25 to 1962-05-03
Eagle Flat	EF-TX	Texas,U.S.A.	31.1764N	105.1300W	1433	From 1962-01-25 to 1962-05-03
Eagle Lake Field Station, Susanville	ELFS	California,U.S.A.	40.6183N	120.7279W	1553	From 2005-05-20 to 2007-10-09
Eagle Mountain	EAG	California,U.S.A.	33.8490N	115.4730W	366	From 1974-11-01 to 2002-12-20
Eagle Mountain	MT2	Texas,U.S.A.	30.8990N	105.0800W	2088	From 1977-03-01 to 2003-01-28
Eagle's Nest	EGN	New York,U.S.A.	43.8595N	74.4818W	549	From 1971-09-01 to 1983-10-31
Eagleton	EGMT	Montana,U.S.A.	48.0240N	109.7547W	1055	
Early Rise 101	ER101	Ontario,Canada	47.9297N	83.1364W	457	
Early Rise 102	ER102	Ontario,Canada	48.1019N	82.6036W	457	
Early Rise 103	ER103	Ontario,Canada	48.2264N	82.1694W	305	
Early Rise 104	ER104	Ontario,Canada	48.3378N	81.7542W	396	
Early Rise 105	ER105	Ontario,Canada	48.4878N	81.2706W	305	
Early Rise 106	ER106	Ontario,Canada	48.5383N	80.7681W	274	
Early Rise 107	ER107	Ontario,Canada	48.5386N	80.2775W	305	
Early Rise 108	ER108	Ontario,Canada	48.5333N	79.8642W	457	
Early Rise 109	ER109	Quebec,Canada	48.7975N	79.3572W	290	
Early Rise 110	ER110	Quebec,Canada	48.8636N	78.8636W	305	
Early Rise 111	ER111	Quebec,Canada	48.6225N	78.3106W	305	
Early Rise 112	ER112	Quebec,Canada	48.6964N	77.9039W	320	
Early Rise 113	ER113	Quebec,Canada	48.8361N	77.4203W	290	
Early Rise 114	ER114	Quebec,Canada	49.1194N	77.0067W	305	
Early Rise 115	ER115	Quebec,Canada	49.3811N	76.5378W	305	
Early Rise 116	ER116	Quebec,Canada	49.5914N	76.0267W	305	
Early Rise 117	ER117	Quebec,Canada	49.8236N	75.6000W	305	
Early Rise 118	ER118	Quebec,Canada	49.8206N	75.1281W	381	
Early Rise 119	ER119	Quebec,Canada	49.7906N	74.6381W	381	
Early Rise 120	ER120	Quebec,Canada	49.9247N	74.2583W	396	
Early Rise 201	ER201	Quebec,Canada	49.5947N	74.2772W	381	
Early Rise 202	ER202	Quebec,Canada	49.3533N	74.0381W	46	
Early Rise 203	ER203	Quebec,Canada	49.1858N	73.6717W	381	
Early Rise 204	ER204	Quebec,Canada	49.0400N	73.3633W	381	
Early Rise 205	ER205	Quebec,Canada	48.8747N	72.9336W	351	
Early Rise 207	ER207	Quebec,Canada	48.5564N	72.3456W	123	
Early Rise 208	ER208	Quebec,Canada	48.4097N	71.9767W	137	
Early Rise 209	ER209	Quebec,Canada	48.4856N	71.6039W	168	
Early Rise 210	ER210	Quebec,Canada	48.3447N	71.1464W	152	
Early Rise 211	ER211	Quebec,Canada	48.2758N	70.7978W	274	
Early Rise 212	ER212	Quebec,Canada	48.1725N	70.2931W	183	
Early Rise 213	ER213	Quebec,Canada	48.0150N	70.0728W	244	
Early Rise 215	ER215	Quebec,Canada	47.8044N	69.4231W	152	
Early Rise 216	ER216	Quebec,Canada	47.6272N	69.0097W	290	
Early Rise 217	ER217	Quebec,Canada	47.4864N	68.6633W	366	
Early Rise 218	ER218	New Brunswick,Canada	47.4047N	68.3417W	175	
Early Rise 219	ER219	New Brunswick,Canada	47.2181N	67.9167W	183	
Early Rise 220	ER220	New Brunswick,Canada	47.0175N	67.7278W	173	
Early Rise 221	ER221	New Brunswick,Canada	46.9122N	67.3647W	213	
Early Rise 222	ER222	New Brunswick,Canada	46.8806N	66.9761W	442	
Early Rise 223	ER223	New Brunswick,Canada	46.8133N	66.6133W	396	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Early Rise 224	ER224	New Brunswick, Canada	46.5922N 66.2322W	122	
Early Rise 225	ER225	New Brunswick, Canada	46.5383N 65.8464W	31	
Early Rise 226	ER226	New Brunswick, Canada	46.3369N 65.5950W	46	
Early Rise 227	ER227	New Brunswick, Canada	46.1961N 65.1625W	61	
Early Rise 228	ER228	New Brunswick, Canada	46.1475N 64.9058W	152	
Early Rise 229	ER229	New Brunswick, Canada	46.0150N 64.5211W	76	
Early Rise 230	ER230	New Brunswick, Canada	45.9686N 64.1742W	46	
Early Rise 231	ER231	Nova Scotia, Canada	45.8667N 63.8197W	15	
Early Rise 232	ER232	Nova Scotia, Canada	45.7489N 63.4486W	31	
Early Rise 234	ER234	Nova Scotia, Canada	45.5922N 62.7147W	76	
Early Rise 235	ER235	Nova Scotia, Canada	45.5986N 62.3006W	61	
Early Rise 236	ER236	Nova Scotia, Canada	45.5822N 61.9044W	15	
Early Rise 237	ER237	Nova Scotia, Canada	45.6264N 61.5583W	46	
Early Rise 238	ER238	Nova Scotia, Canada	45.6239N 61.2200W	23	
Early Rise 239	ER239	Nova Scotia, Canada	45.6617N 60.8392W	15	
Early Rise 241	ER241	Nova Scotia, Canada	46.0281N 60.2061W	76	
Early Rise 242	ER242	Nova Scotia, Canada	46.1606N 59.9367W	15	
Early Rise 300	ER300	Pennsylvania, U.S.A.	40.4617N 80.1806W	287	
Early Rise 301	ER301	Pennsylvania, U.S.A.	40.2869N 79.9494W	311	
Early Rise 302	ER302	Pennsylvania, U.S.A.	40.0783N 79.7703W	317	
Early Rise 303	ER303	Pennsylvania, U.S.A.	39.8753N 79.5306W	616	
Early Rise 304	ER304	Maryland, U.S.A.	39.6958N 79.2636W	823	
Early Rise 306	ER306	West Virginia, U.S.A.	39.2528N 78.9119W	290	
Early Rise 307	ER307	West Virginia, U.S.A.	39.0336N 78.6531W	457	
Early Rise 308	ER308	Virginia, U.S.A.	38.8297N 78.4356W	270	
Early Rise 309	ER309	Virginia, U.S.A.	38.6222N 78.2317W	232	
Early Rise 310	ER310	Virginia, U.S.A.	38.3764N 78.0556W	122	
Early Rise 311	ER311	Virginia, U.S.A.	38.1644N 77.8139W	128	
Early Rise 312	ER312	Virginia, U.S.A.	37.9578N 77.5933W	67	
Early Rise 313	ER313	Virginia, U.S.A.	37.7381N 77.4308W	64	
Early Rise 314	ER314	Virginia, U.S.A.	37.5247N 77.1858W	37	
Early Rise 315	ER315	Virginia, U.S.A.	37.2964N 76.9653W	18	
Early Rise 316	ER316	Virginia, U.S.A.	37.0883N 76.7550W	24	
Early Rise 317	ER317	Virginia, U.S.A.	36.8811N 76.5819W	18	
Early Rise 318	ER318	Virginia, U.S.A.	36.6356N 76.3594W	3	
Early Rise 319	ER319	North Carolina, U.S.A.	36.3908N 76.1642W	6	
Ear Mountain	EAM	Alaska, U.S.A.	65.9193N 166.2420W	700	
Earnsclough	EAZ	South Island, New Zealand	45.2327S 169.3082E	237	
Earthquake Lake	QLMT	Montana, U.S.A.	44.8307N 111.4300W	2064	
East Anglia University	AEU	England, United Kingdom	52.6201N 1.2347E	15	From 1994-09-09
East Aurora	EAN	New York, U.S.A.	42.7686N 78.6192W	282	
Eastbourne	TEB	England, United Kingdom	50.8188N 0.1459E	70	From 1989-01-01
East Braintree	EB	Manitoba, Canada	49.6278N 95.6222W	312	From 1963-08-06 to 1964-08-12
East Braintree	EB-MT	Manitoba, Canada	49.6278N 95.6222W	312	From 1963-08-06 to 1964-08-12
East Cape	ECZ	North Island, New Zealand	37.6936S 178.5460E	40	From 1934-10-01 to 1985-07-26
East Claridon	CECL	Ohio, U.S.A.	41.5470N 81.1020W	362	
East Dome	ESD	Washington, U.S.A.	46.1973N 122.1500W	1609	
East Entrance	YPPE	Wyoming, U.S.A.	44.4905N 110.0010W	2134	
Easter Island	EIC	Easter Island, Chile	27.1581S 109.4340W	42	
East Falkland Island	EFI	Falkland Islands	51.6753S 58.0637W	30	
East Helena	E16A	Montana, U.S.A.	46.5336N 111.6764W	1398	From 2007-09-12
East Kanab	EKU	Arizona, U.S.A.	37.0747N 112.4968W	1829	
East Lansing	LNSM	Michigan, U.S.A.	42.7310N 84.4770W	256	
East Machias	EMMT	Maine, U.S.A.	44.7833N 67.3533W	33	From 1932-07-01 to 1940-12-31
East Machias	EMM	Maine, U.S.A.	44.7392N 67.4894W	20	
East Machias	EMMW	Maine, U.S.A.	44.7100N 67.4583W	35	
East Mammoth Hills	MEMM	California, U.S.A.	37.6663N 118.9390W		
East Mesa	EMSC	California, U.S.A.	32.7413N 114.9880W	47	
East Pahrnagat Range	EPR	Nevada, U.S.A.	37.1687N 115.1864W	1305	From 1979-01-23 to 2002-10-10
East Prairie	EPRM	Missouri, U.S.A.	36.7173N 89.3583W	88	
East Promontory	EPU	Utah, U.S.A.	41.3915N 112.4090W	1436	From 1975-09-01
east rand property ines	ERPM	Transvaal	26.2433S 28.2418E	1611	From 2006-05-23
East Ridge	PQ1	Maine, U.S.A.	44.9035N 67.3271W	93	
East Ridge	ERMT	Montana, U.S.A.	45.9932N 112.4560W	1928	From 1984-01-01 to 1987-10-01
East Ridge Elementary School	EARN	Washington, U.S.A.	47.7400N 122.0400W	10	
East Rim	OKER	Alaska, U.S.A.	53.4537N 168.0512W	956	
Eastside	ESTR	Nevada, U.S.A.	38.0913N 118.3267W	2012	
East Traverse Mountains	ETU	Utah, U.S.A.	40.4772N 111.8440W	1884	From 1974-07-01 to 1983-11-30
East Wide Canyon	EWC	California, U.S.A.	33.9373N 116.3810W	512	
Eatonton	ETG	Georgia, U.S.A.	33.2912N 83.3507W	137	From 1978-02-01
E Barbuda OBS	O6A	Barbuda, Antigua and Barbuda	17.7920N 61.0220W	-496	
Eben Emael	EBBN	Belgium	50.7965N 5.6772E	80	From 1986-04-01
Ebenezer Church	EBZ	Tennessee, U.S.A.	35.1410N 89.3510W	169	From 1980-05-15
Ebro Roquetas	EBRE	Spain	40.8228N 0.4940E	36	
Ebro Roquetas	EBR	Spain	40.8206N 0.4936E	50	
Ech Chief	ECHF	Algeria	36.1562N 1.3403E	207	
Ech Chief	ECHA	Algeria	36.1500N 1.3667E	0	
Echelle	ECG	Guadeloupe	16.0418N 61.6538W	1395	
Echery	ECH	Alsace, France	48.2158N 7.1583E	580	From 1967-10-31
Echo Falls	ECF	California, U.S.A.	34.4580N 119.0910W	1000	From 1975-11-01
Echo Lake	ELW	Washington, U.S.A.	47.4943N 121.8714W	267	
Echo Peak	EHN	Nevada, U.S.A.	37.2138N 116.3237W	2280	
Echo Peak	EPM	Nevada, U.S.A.	37.2266N 116.3346W	2221	From 1990-09-18 to 2002-12-10
Ecuador	ANGL	Ecuador	0.3929S 77.5444W	3360	From 1990-08-01
Ecuador Network	IECU	Ecuador	0.4750S 78.3067W	3720	
Ecuador Network	CECU	Ecuador	0.4762S 77.8703W	2220	
Ecuador Network	AECU	Ecuador	0.2705S 78.4070W	3000	
Ecuador Network	GECU	Ecuador	0.3172S 78.1897W	4350	
Ecuador Network	MECU	Ecuador	0.5375S 78.2442W	4090	
Ecuador Network	PECU	Ecuador	0.3950S 78.6025W	3550	
Ecuador Network	BECU	Ecuador	0.4747S 78.5962W	3320	
Ecuador Network	RECU	Ecuador	0.6420S 78.4030W		
Eden	EDEN	Ecuador	0.0367S 78.5212W	3270	
Edgecumbe	EDRZ	North Island, New Zealand	38.1076S 176.7381E	780	
Edge Oya	EO1	Svalbard, Norway	77.6583N 21.2167E	4	From 1977-01-01
Edgewood	ED-MI	Michigan, U.S.A.	43.2556N 84.4114W	213	From 1965-12-02 to 1965-12-13
Edgewood	ED-	Michigan, U.S.A.	43.2556N 84.4114W	213	From 1965-12-02 to 1965-12-13
Edinburgh	EDI	Scotland, United Kingdom	55.9233N 3.1861W	125	
Edincik	EDT	Turkey	40.3468N 27.8634E	270	From 1972-12-03
Edincik	EDC	Turkey	40.3468N 27.8634E	270	From 1972-12-03
Edirne	EDRB	Turkey	41.8470N 26.7440E	209	
Edison Barstow Service Cntr	RRX	California	34.8800N 117.0000W	439	From 2004-04-01
Edison CC	ECCO	Ohio, U.S.A.	40.1580N 84.2130W	274	
Edith	T2A	Colorado, U.S.A.	37.0138N 106.9030W	2224	From 2007-12-21
Edith	EDIT	Tennessee, U.S.A.	35.8630N 89.5543W	148	
Edmonton	EDM	Alberta, Canada	53.2217N 113.3500W	730	From 1963-04-01
Edmundston	EBN	New Brunswick, Canada	47.4617N 68.2417W	195	From 1981-10-28
Edson Butte	KEBM	Oregon, U.S.A.	42.8722N 124.3342W	818	
Edwards Air Force Base, Rosamund	EDW	California	34.8800N 117.9900W	789	From 2004-04-01 to 2004-06-23
Edwards Air Force Base, Rosamund	EDW2	California	34.8800N 117.9900W	772	From 2004-06-14
Eel River Conservation Camp, Redway	OO1C	California, U.S.A.	40.1398N 123.8195W	137	From 2005-08-25 to 2007-11-17
Ennum	ENM	Netherlands	53.4076N 6.4823E	1	
Effingham	EFO	Ontario, Canada	43.0917N 79.3117W	168	From 1979-07-06
Efpalio	EPF	Greece	38.4269N 21.9058E	115	From 2006-08-03
Efringen	EFR	Baden-Wuerttemberg, Germany	47.6653N 7.5637E	280	From 1984-12-01
Egilsstadir	EGI	Iceland	65.2833N 14.3833W	25	
Egvard	EGVZ	Armenia	39.2300N 46.5500E	0	
Eidsvold	EIDS	Queensland, Australia	25.3691S 151.0817E	216	From 2002-11-06
Eielson Array	NPO	Alaska, U.S.A.	64.7714N 146.8865W	419	
Eielson Array Beam Reference Point	ILAR	Alaska, U.S.A.	64.7714N 146.8866W	419	
Eielson Array Broadband	ILB	Alaska, U.S.A.	64.7714N 146.8866W	419	From 1993-07-01
Eielson Array Site 1	IL1	Alaska, U.S.A.	64.7716N 146.8860W	418	From 1993-07-01
Eielson Array Site 10	IL10	Alaska, U.S.A.	64.7529N 146.8431W	586	
Eielson Array Site 11	IL11	Alaska, U.S.A.	64.7415N 146.8974W	444	
Eielson Array Site 12	IL12	Alaska, U.S.A.	64.7447N 146.9436W	366	
Eielson Array Site 13	IL13	Alaska, U.S.A.	64.7479N 146.9865W	367	
Eielson Array Site 14	IL14	Alaska, U.S.A.	64.7750N 146.9794W	223	
Eielson Array Site 15	IL15	Alaska, U.S.A.	64.7777N 146.9428W	336	
Eielson Array Site 16	IL16	Alaska, U.S.A.	64.7933N 146.9215W	382	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Eielson Array Site 17	IL17	Alaska, U.S.A.	64.8072N	146.8898W	357	
Eielson Array Site 18	IL18	Alaska, U.S.A.	64.7575N	146.7768W	554	
Eielson Array Site 19	IL19	Alaska, U.S.A.	64.7461N	146.7974W	549	
Eielson Array Site 2	IL02	Alaska, U.S.A.	64.7847N	146.8643W	261	
Eielson Array Site 3	IL03	Alaska, U.S.A.	64.7714N	146.8512W	440	
Eielson Array Site 4	IL04	Alaska, U.S.A.	64.7570N	146.8761W	528	
Eielson Array Site 5	IL05	Alaska, U.S.A.	64.7731N	146.9229W	389	
Eielson Array Site 6	IL06	Alaska, U.S.A.	64.7792N	146.9040W	262	
Eielson Array Site 7	IL07	Alaska, U.S.A.	64.7993N	146.8393W	401	
Eielson Array Site 8	IL08	Alaska, U.S.A.	64.7903N	146.7969W	505	
Eielson Array Site 9	IL09	Alaska, U.S.A.	64.7681N	146.7832W	494	
Eigenji	JEG	Shiga, Japan	35.1353N	136.3905E	433	From 1996-01-01
Eightmile Canyon	EMI	Idaho, U.S.A.	44.0742N	112.9260W	1963	From 1992-01-01
Ein Gedi	ENGI	Israel	31.4690N	35.3940E	-321	
Eisghbrachaidh	REB	Scotland, United Kingdom	58.1188N	5.2822W	100	From 1995-09-10
Ekati Mine	EKTN	Northwest Territories, Canada	64.6984N	110.6095W	469	
Ekimchan	EKMR	Khabarovskiy Krai, Russia	53.0700N	132.9500E	543	
Ekona	EKC	Cameroon	4.2100N	9.3269E	450	From 1984-12-01
Eksjoe	EKSU	Sweden	57.5726N	15.3016E	250	From 2002-05-04
El Abra	ABR	Veracruz, Mexico	19.8070N	96.5345W	520	
El 'Aiyat	AUT	Egypt	29.6660N	31.1800E		
Elanda	ELDR	Altayskiy Krai, Russia	51.2170N	86.0900E	472	
El Angel	ANGS	El Salvador	13.8000N	89.1917W	850	From 1991-12-01
El Apazote	APG	Guatemala	15.0040N	90.4643W	1880	
Elat	EIL	Israel	29.6699N	34.9512E	210	From 1997-01-01
Elaudy	ELYF	Aquitaine, France	43.1700N	0.9917W	700	From 1985-02-01 to 1998-01-22
El Ayoun	AYNT	Tunisia	35.5737N	8.9292E	1100	
Elazig	ELZG	Turkey	38.4978N	38.9844E	1640	From 2002-04-25
Elazig	ELZ	Turkey	38.6894N	39.2064E	1180	From 1973-09-17 to 1974-05-31
Elazig	ELA	Turkey	38.6833N	39.2333E		
El Baul	BAUV	Venezuela	8.9433N	68.0415W	106	
El Cabril	ECAB	Spain	38.0753N	5.4186W	520	
EL CAFE	CAFV	Venezuela	10.2649N	68.0541W	1060	From 2004-05-25
El Cajon	ECA	California, U.S.A.	32.8000N	116.9500W	135	From 1949-01-01 to 1999-08-25
El Canelo	CACH	O'Higgins, Chile	34.1169S	70.6000W	1300	From 1990-11-06
El Cayaco	CAIG	Guerrero, Mexico	17.0478N	100.2673W	80	
El Centro	ETC	Colombia	6.8625N	73.7694W	140	From 1975-01-31
El Centro	ECC	California, U.S.A.	32.7983N	115.5480W	-15	From 1956-11-28 to 1970-09-30
Elche	EXEL	Spain	38.2660N	0.6980W	108	
El Chinero	ECBX	Baja California, Mexico	31.4720N	115.0510W	40	From 1983-05-17
Elco	ELC	Illinois, U.S.A.	37.2850N	89.2270W	153	From 1974-07-19
El Crucero	CRUN	Nicaragua	11.9833N	86.3000W	930	
Elida	EXED	Spain	38.4720N	0.7910W	407	
Elidee	EEO	Ontario, Canada	46.6411N	79.0733W	398	From 1984-03-04
Eldivan	ELDT	Turkey	40.4900N	33.4269E	1596	From 1992-07-01
Eldorado	EDMA	Misiones, Argentina	26.3578S	54.4417W	310	
El Dorado	EDK	Kansas, U.S.A.	37.7738N	96.7950W	418	From 1978-04-17 to 2001-07-15
Eldorado Mountains	EMN	Nevada, U.S.A.	35.9214N	114.7541W	785	From 1988-08-11 to 2002-10-10
Electric Lake	ELU	Utah, U.S.A.	39.6402N	111.2038W	2970	
El Ejido	EXEE	Spain	36.7750N	2.8130W	107	
Elephant Butte, Truth or Consequences	Z22A	New Mexico, U.S.A.	33.2555N	106.9639W	1497	From 2008-04-11
El Faro	LFRS	El Salvador	13.6233N	89.0617W	1000	From 1991-12-01
Elginfield	ELFO	Ontario, Canada	43.1930N	81.3163W	298	
Elginfield	ELF	Ontario, Canada	43.1933N	81.3150W	320	From 1975-06-01
El Golfo de Santa Clara	EGM	Baja California, Mexico	31.6783N	114.4920W	5	From 1969-04-26
El Granada	JEGM	California, U.S.A.	37.5140N	122.4620W	202	From 1975-02-10
El Granado	EGRO	Spain	37.5342N	7.4831W	130	
El Guri	GURV	Venezuela	7.7600N	63.0850W	199	From 2003-05-15
Elham, Standardhill Farm (Kent)	ELSH	England	51.1482N	1.1345E	126	From 2008-01-25
El Hato	EHV	Venezuela	8.8064N	70.8647W	3700	From 1974-01-01
El Hierro	CHIE	Canary Islands, Spain	27.7270N	17.9607W	170	From 1989-06-01
El Hobo	HOBC	Colombia	4.3548N	76.1355W	1180	From 1987-01-01
Elida	Y26A	New Mexico, U.S.A.	33.9232N	103.8246W	1371	From 2008-04-18
Elim	ELIM	Cape Province	34.5967S	19.7450E	472	From 2000-01-01
Eliza Dome	EDB	British Columbia, Canada	49.8737N	127.1200W	189	
Elizondo	ELIZ	Spain	43.1639N	1.5285W	523	From 1992-12-03
Elk Butte	EBI	Idaho, U.S.A.	46.8375N	116.1180W	1765	From 1987-01-01
Elk Chute Ditch	ECD	Missouri, U.S.A.	36.0600N	89.9400W	79	From 1975-09-25 to 1992-02-29
Elk City	F12A	Idaho, U.S.A.	45.7565N	115.2547W	1442	From 2006-11-03
Elkhorn Ranch	BEHM	California, U.S.A.	36.6647N	121.1740W	342	From 1971-02-01
Elkhorn Ranch	EKH	California, U.S.A.	36.6647N	121.1740W	342	From 1971-02-01
Elkhorn Road	HERM	California, U.S.A.	36.7983N	121.7110W	69	
Elko	ELK	Nevada, U.S.A.	40.7448N	115.2390W	2210	From 1968-11-01
Elko	EKO	Nevada, U.S.A.	40.8122N	115.7760W	1615	From 1969-11-12
Elko Archery Club, Elko	N11A	Nevada, U.S.A.	40.8167N	115.7360W	1643	From 2006-05-03
Elk River	EKR	California, U.S.A.	40.6953N	124.1390W	49	From 1974-06-20
Elk Rock	ERK	Washington, U.S.A.	46.3056N	122.3410W	1270	
El Ksiba	KIB	Morocco	32.5760N	6.0390W	935	
Ellensburg	EBG	Washington, U.S.A.	46.9097N	120.5680W	805	
Ellensburg	EL	Washington, U.S.A.	46.9242N	120.7300W	975	From 1962-05-28 to 1962-06-28
Ellensburg	EL-WA	Washington, U.S.A.	46.9242N	120.7300W	975	From 1962-05-28 to 1962-06-28
Ellenville	ELNV	New York, U.S.A.	41.5000N	74.4398W	323	
Ellicott	JELM	California, U.S.A.	36.9273N	121.8270W	85	
Ellicott City	ECM	Maryland, U.S.A.	39.2613N	76.8842W	140	
Ellicott Lake	ELLO	Ontario, Canada	46.3832N	82.6639W	328	
El Lisan	LISJ	Jordan	31.2400N	35.4810E	-327	From 1990-02-23
Ellis Ranch, Medicine Bow	L22A	Wyoming, U.S.A.	42.0310N	106.4338W	2012	From 2007-11-26
Ellisras	ERS	Transvaal, South Africa	23.6816S	27.7233E	840	From 1994-07-01 to 2003-11-21
Elliston	ELMT	Montana, U.S.A.	46.5222N	112.3445W	1981	From 1996-08-31
El Llanito	LLAV	Venezuela	10.4696N	66.8097W	875	From 1988-01-01
Ellsinore	EN-MO	Missouri, U.S.A.	36.8828N	90.5956W	152	From 1965-10-25 to 1966-02-25
Ellsinore	EN	Missouri, U.S.A.	36.8828N	90.5956W	152	From 1965-10-25 to 1966-02-25
Ellsworth	ECT	Connecticut, U.S.A.	41.8346N	73.4113W	342	From 1976-01-28 to 1999-08-25
Elm	EMA	Alabama, U.S.A.	33.2210N	87.4738W	92	From 1971-01-09
Elma	ELM	New York, U.S.A.	42.8497N	78.6442W	216	From 1971-07-01 to 1976-07-28
Eimali	ELL	Turkey	36.7482N	29.9085E	1230	From 1973-11-29
El Manteco	GMV	Venezuela	7.3558N	62.5404W	248	
El Maslubiya	MASJ	Jordan	31.7290N	35.7183E	822	From 1983-09-01
El Mayor	EMX	Baja California, Mexico	31.9883N	115.2420W	10	From 1981-10-19
Elmendorf Base	EAFB	Alaska, U.S.A.	61.2335N	149.7718W	61	From 1994-06-24
El Mirage	ELMC	California, U.S.A.	34.5262N	117.6400W	986	
Elmo	EO2TX	Texas, U.S.A.	32.6481N	96.1586W	158	
Elmore Ranch	ELRC	California, U.S.A.	33.1473N	115.8320W	-63	
El Nido	ENPP	Palawan, Philippines	11.2060N	119.4250E	27	
Elora Gorge	ELGO	Ontario, Canada	43.6755N	80.4374W	377	
Elorza	ELOV	Venezuela	7.0010N	69.4830W	105	From 2003-04-03
Eloy	116A	Arizona, U.S.A.	32.5618N	111.7042W	477	From 2006-03-20
Elp	ENV	Netherlands	52.8953N	6.6338E	17	
El Pangué	ELP	Valparaiso, Chile	33.2576S	71.2050W	680	From 1973-01-01
El Paso	EP-TX	Texas, U.S.A.	31.9328N	105.9667W	1615	From 1962-01-15 to 1962-05-04
El Paso	EP	Texas, U.S.A.	31.9328N	105.9667W	1615	From 1962-01-15 to 1962-05-04
El Paso	EPT	Texas, U.S.A.	31.7717N	106.5060W	1186	From 1961-02-01
EL PAUJM	PAUV	Venezuela	10.1803N	67.2414W	1259	From 2004-07-15
El Pino	IIP	Mexico D.F., Mexico	19.3469N	98.9180W	2650	
El Prado	PRAV	Venezuela	9.2327N	70.8507W	662	
El Quisco	ELQ	Valparaiso, Chile	33.3953S	71.6889W	50	From 1973-01-01 to 1975-03-28
El Retiro	RTR	El Salvador	13.8972N	89.6457W	1499	
El Rito	U23A	New Mexico, U.S.A.	36.3289N	106.1919W	2093	From 2008-05-21
El Roble	ROCH	Santiago, Chile	32.9719S	71.0111W	2000	From 1981-12-04
El Rosal	ROSC	Colombia	4.8563N	74.3301W	3017	From 1994-01-01
El Salvador	ESC	Atacama, Chile	26.2300S	69.5100W	4700	
El Segundo	ESGS	California, U.S.A.	33.9163N	118.4200W	-100	From 1982-04-01
Elsinore Mountain	ELS	California, U.S.A.	33.6478N	117.4270W	853	
El Tejon	TEJ	California, U.S.A.	35.2298N	118.6890W	634	
El Tigre	TGRV	Venezuela	8.8340N	64.1683W	293	From 1992-11-01
El Tocuyo	TOV	Venezuela	9.7925N	69.7926W	650	
Eltopia	ET3	Washington, U.S.A.	46.5773N	118.9375W	286	From 1990-09-12
Eltopia	ETP	Washington, U.S.A.	46.4648N	119.0590W	219	From 1969-03-01
Eltopia	ET2	Washington, U.S.A.	46.5350N	118.9500W	330	From 1989-04-05 to 2001-11-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Elvey	ELV	Alaska,U.S.A.	64.8603N	147.8490W	180	From 1971-08-01 to 1972-08-31
EI Vigia	VIGV	Venezuela	8.8400N	71.3642W	417	
EI Vigia	EVV	Veracruz,Mexico	18.4565N	95.3493W		From 1988-01-01
EI Volcan	VOLV	Venezuela	10.4200N	66.8498W	1480	
Ely	EY2NV	Nevada,U.S.A.	39.4314N	115.3178W	2012	From 1966-03-01 to 1966-03-12
Ely	EY-NV	Nevada,U.S.A.	39.4100N	115.3128W	2012	From 1963-04-21 to 1963-06-10
Ely	EY2	Nevada,U.S.A.	39.4314N	115.3178W	2012	From 1966-03-01 to 1966-03-12
Ely	EYMN	Minnesota,U.S.A.	47.9462N	91.4950W	475	From 1994-09-26
Ely	EY	Nevada,U.S.A.	39.4100N	115.3128W	2012	From 1963-04-21 to 1963-06-10
Ely	ELY	Nevada,U.S.A.	39.1313N	114.8920W	2011	
EI Yeso	YECH	Santiago	33.6653S	70.0834W	2577	From 2006-04-21
EI Yunque	EYP	Puerto Rico	18.3127N	65.7911W	1060	From 1975-07-30 to 1976-08-09
Ema@18mqoli@18	IEMG	Iran	37.4097N	58.6514E	2565	From 1997-03-01
Emae	EME	Vanuatu	17.0908S	168.3510E		
Emerald Bay	EMB	California,U.S.A.	38.9700N	120.1000W	0	
Emma Park	EMUT	Utah,U.S.A.	39.8140N	110.8150W	2268	
Emmet	BEMM	California,U.S.A.	36.6613N	121.0960W	488	From 1970-08-14
Emmet	EMT	California,U.S.A.	36.6613N	121.0960W	488	From 1970-08-14
Emosson	EMO	Switzerland	46.0482N	6.9620E	1800	From 1973-09-01 to 1980-12-31
Emosson-Mur	EMS	Switzerland	46.0700N	6.9310E	1800	From 1981-01-01
Empire Grade Rd	LT11	California,U.S.A.	37.0352N	122.1040W	442	From 1969-03-04 to 1976-04-30
Empire Grade Road	EGR	California,U.S.A.	37.0352N	122.1040W	442	From 1969-03-04 to 1976-04-30
Emporia	EMK	Kansas,U.S.A.	38.4465N	96.3172W	370	From 1977-08-15 to 2001-07-15
Emporia	EM-KA	Kansas,U.S.A.	38.5247N	96.4728W	411	From 1965-09-14 to 1965-09-16
Emporia	EM	Kansas,U.S.A.	38.5247N	96.4728W	411	From 1965-09-14 to 1965-09-16
Endenburg	ENDD	Baden-Wuerttemberg,Germany	47.7150N	7.7379E	635	From 1984-12-01
Endillloe	EDO	South Australia,Australia	32.3217S	138.0483E	300	From 1977-01-01
Enez	ENEZ	Turkey	40.7362N	26.1530E	101	From 2006-06-21
Engineer Hill	ENG	Alaska,U.S.A.	64.7352N	147.0460W	220	From 1971-09-07 to 1976-06-30
Engine Test Stand	ETS	Nevada,U.S.A.	36.8325N	116.3090W	1158	From 1965-01-01 to 1970-12-31
English Bluff	ENGB	British Columbia,Canada	49.0080N	123.0889W	55	
Engslatt	ENGD	Baden-Wuerttemberg,Germany	48.3125N	8.8729E	538	From 1982-01-01
Eniwetok	EW-IS	Marshall Islands	11.3972N	162.3753E	3	From 1963-06-28 to 1963-09-13
Eniwetok	EW-	Marshall Islands	11.3972N	162.3753E	3	From 1963-06-28 to 1963-09-13
Eniwo	JEW	Ishikari,Japan	42.8402N	141.4498E	185	From 1995-02-01
Ens	RESF	Midi-Pyrenees,France	42.8077N	0.3385E	1270	From 1998-09-01
Ens	ENSF	Midi-Pyrenees,France	42.8047N	0.3356E	1300	
Ensenada	ENX	Baja California,Mexico	31.8828N	116.6650W	225	From 1981-08-03
Ensenada	ECX	Baja California,Mexico	31.8690N	116.6600W		
Enshi	ENH	Hubei,China	30.2718N	109.4870E	487	From 1986-01-01
Entebbe	ENT	Uganda	0.0589N	32.4733E	1175	
Entiat	ETW	Washington,U.S.A.	47.6045N	120.3310W	1475	From 1986-10-01
Entracque	ENR	Italy	44.2266N	7.4203E	1040	
Enumclaw	D05A	Washington,U.S.A.	47.1881N	121.9888W	266	From 2005-11-21
Enzan	ENZ	Yamanashi,Japan	35.7360N	138.8053E	807	
Epen	ENN	Netherlands	50.7672N	5.9233E	120	From 1981-01-01 to 1996-02-27
Ephrata	EPW	Washington,U.S.A.	47.3522N	119.5960W	628	From 1975-06-01
Ephrata	EPH	Washington,U.S.A.	47.3536N	119.5960W	628	From 1983-03-01
Epi	EPI	Vanuatu	16.6950S	168.1160E		
Erbaa	ERBA	Turkey	40.6814N	36.7547E	655	From 2008-03-24
Erciyes	ERCT	Turkey	38.6031N	35.5142E	1915	From 1993-08-28 to 1998-05-01
Erdek	ERD	Turkey	40.4000N	27.8000E		From 1970-01-01 to 1972-12-31
Erdemli	MEST	Turkey	36.5869N	34.1453E	855	From 2003-12-12
Eremo	ERBM	Italy	44.4192N	10.4128E	919	
Erenkoy	EREN	Cyprus	35.5300N	34.1700E	88	
Erewhon	EWZ	South Island,New Zealand	43.5117S	170.8520E	650	From 1991-03-21 to 2002-12-20
Erian - IBB Gov. - Yemen	ERIN	Yemen	14.2300N	44.2300E	1600	From 1997-01-15 to 2005-10-22
Erice	ER1	Sicily,Italy	38.0376N	12.5873E	776	From 1978-02-01
Erice	ERC	Sicily,Italy	38.0376N	12.5873E	776	From 1978-02-01
Erie	ERP	Pennsylvania,U.S.A.	42.1333N	79.9833W		
Erie	ERPA	Pennsylvania,U.S.A.	42.1175N	79.9891W	306	
Erikli-Kesan	ERIK	Turkey	40.6708N	26.5132E	41	From 2008-07-02
Erimo	ERM	Hidaka,Japan	42.0150N	143.1571E	40	From 1976-07-01
Erimo	JEM	Hidaka,Japan	42.0158N	143.1573E	40	
Erithrai	VTH	Greece	38.2006N	23.3600E	756	From 1982-10-01
Erkin-Say	EKS2	Kyrgyzstan	42.6615N	73.7772E	1360	
Erkin-Say	EKS	Kyrgyzstan	42.6680N	73.7860E	1180	
Ermenek	ERMK	Turkey	36.6416N	32.9128E	1855	From 2005-02-28
Ernestine	ERN	Alaska,U.S.A.	61.4442N	145.1120W	570	From 1971-09-16 to 1973-08-29
Ernies Place	ERPC	California,U.S.A.	32.7435N	115.6630W	-9	
EROS,Sioux Falls	ECSD	South Dakota,U.S.A.	43.7337N	96.6141W	478	
Err	ERR	Morocco	32.3800N	6.3230W		From 1995-12-16
Errachidia	ZFT	Morocco	32.0340N	4.3520W	1800	From 1993-01-01
Er Rumman	RUMJ	Jordan	32.1820N	35.8275E	445	From 1983-09-01
Erto-Casso	ERT	Italy	46.2767N	12.3767E	775	From 1982-11-24 to 1988-01-01
Ertsjaerv	ERTU	Sweden	66.5541N	22.1895E	300	From 2004-04-17
Erzin	ERNS	Tyva,Russia	50.2630N	95.1550E	1105	
Erzincan	EZC	Turkey	39.7480N	39.8160E	1500	From 1993-08-27
Erzincan	KRDT	Turkey	39.9167N	39.1183E	2810	From 1998-09-30 to 2003-08-14
Erzurum	ERZT	Turkey	39.9067N	41.2533E	1955	
Erzurum	ERZM	Turkey	39.9053N	41.3658E	2380	From 1996-01-01
Erzurum	ERZ	Turkey	39.9150N	41.2767E	1850	From 1966-08-06
Erzurum	EZM	Turkey	39.9053N	41.3623E	2400	
Erzyncan	ERZC	Turkey	39.7242N	39.5258E	1170	From 1998-01-01 to 1998-09-29
Esa-ala	ESB	D'Entrecasteaux Islands,Papua New Guinea	9.6867S	150.9030E	60	From 1974-01-01
Esa-ala	ESA	D'Entrecasteaux Islands,Papua New Guinea	9.7384S	150.8140E	46	From 1965-01-01
Esan	ESH	O shima,Japan	41.8842N	141.0112E	40	From 1976-07-01
Esanatoglia	SNTG	Italy	43.2550N	12.9406E	625	
Escape Road	ESR	Hawaii,U.S.A.	19.4113N	155.2390W	1177	From 1971-09-01
ESCO Site	ESCO	Congo (Kinshasa)	1.6340S	29.1590E	1480	
Escot	ESCF	Aquitaine,France	43.0785N	0.5747W	570	
Escuela Geologia	SJS	Costa Rica	9.9392N	84.0542W	1196	
EscuelalIngenieria	EDC*	Santiago,Chile	33.4592S	70.6678W		
Esen Bulak	EBM	Mongolia	46.3900N	96.2600E	2160	
Esentepe	ESE	Turkey	40.7556N	30.3242E	197	From 1991-01-01
Esferayen	ISFR	Iran	37.0436N	58.0000E	2448	From 1997-03-01
Eskdalemuir	EKG	Scotland,United Kingdom	55.3339N	3.1923W	356	From 2002-11-12
Eskdalemuir	EKB	Scotland,United Kingdom	55.3339N	3.1923W	356	
Eskdalemuir	ESK	Scotland,United Kingdom	55.3167N	3.2050W	263	From 1964-03-19
Eskdalemuir Array	EKA	Scotland,United Kingdom	55.3331N	3.1592W	263	From 1962-05-01
Eskdalemuir Array Site B1	EKB1	Scotland,United Kingdom	55.3093N	3.1770W	274	
Eskdalemuir Array Site B10	EKB10	Scotland,United Kingdom	55.3769N	3.1292W	328	
Eskdalemuir Array Site B2	EKB2	Scotland,United Kingdom	55.3168N	3.1717W	313	
Eskdalemuir Array Site B3	EKB3	Scotland,United Kingdom	55.3249N	3.1682W	306	
Eskdalemuir Array Site B4	EKB4	Scotland,United Kingdom	55.3317N	3.1612W	300	
Eskdalemuir Array Site B5	EKB5	Scotland,United Kingdom	55.3393N	3.1563W	313	
Eskdalemuir Array Site B6	EKB6	Scotland,United Kingdom	55.3466N	3.1506W	337	
Eskdalemuir Array Site B7	EKB7	Scotland,United Kingdom	55.3541N	3.1454W	435	
Eskdalemuir Array Site B8	EKB8	Scotland,United Kingdom	55.3618N	3.1397W	400	
Eskdalemuir Array Site B9	EKB9	Scotland,United Kingdom	55.3690N	3.1348W	395	
Eskdalemuir Array Site R1	EKR1	Scotland,United Kingdom	55.3374N	3.1786W	355	
Eskdalemuir Array Site R10	EKR10	Scotland,United Kingdom	55.3104N	3.0609W	382	
Eskdalemuir Array Site R2	EKR2	Scotland,United Kingdom	55.3344N	3.1656W	349	
Eskdalemuir Array Site R3	EKR3	Scotland,United Kingdom	55.3306N	3.1530W	319	
Eskdalemuir Array Site R4	EKR4	Scotland,United Kingdom	55.3284N	3.1394W	336	
Eskdalemuir Array Site R5	EKR5	Scotland,United Kingdom	55.3254N	3.1263W	306	
Eskdalemuir Array Site R6	EKR6	Scotland,United Kingdom	55.3224N	3.1132W	394	
Eskdalemuir Array Site R7	EKR7	Scotland,United Kingdom	55.3194N	3.1001W	348	
Eskdalemuir Array Site R8	EKR8	Scotland,United Kingdom	55.3163N	3.0868W	419	
Eskdalemuir Array Site R9	EKR9	Scotland,United Kingdom	55.3137N	3.0732W	431	
Eskilstuna	ESKU	Sweden	59.2311N	16.3938E	50	From 2002-01-19
Eskisehir	ESKT	Turkey	39.5200N	30.8500E	1289	
Eskisehir	BORA	Turkey	39.8801N	30.4534E	960	From 2005-08-04
Eskiyayla	EYL	Turkey	40.5660N	30.1575E	1160	From 1990-01-01
Eskeypehyr	SEYT	Turkey	39.5200N	30.8500E	1172	From 1998-01-01
Espanola	ES-ON	Ontario,Canada	46.3189N	81.7928W	274	From 1962-11-12 to 1962-12-07
Espanola	ES-	Ontario,Canada	46.3189N	81.7928W	274	From 1962-11-12 to 1962-12-07
Esparrros	EPF	Aquitaine,France	43.0308N	0.3400E	750	From 1977-07-07
Esparrros	PYF	Aquitaine,France	43.0308N	0.3400E	750	From 1977-07-07

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Esparza	EPA	Costa Rica	9.9877N	84.5965W	310	From 1984-03-17
Espesgrend	EGD	Norway	60.2712N	5.2257E	20	From 1991-03-01
Espenschied	ESP	Hessen,Germany	50.0992N	7.8932E	398	
Espera	ESPR	Spain	36.8668N	5.8562W	135	
Espiye-Giresun	ESPY	Turkey	40.9167N	38.7273E	430	From 2007-03-02
Espot	ESPO	Spain	42.5785N	1.1197E	1440	
Esoo	ESO	Kamchatskaya Oblast',Russia	55.9250N	158.7000E	490	
Estacion Bilbao	BILL2	Ecuador	1.4553S	78.5025W	2381	From 2007-08-22
Estacion Edusismo	QTOE	Ecuador	0.1722S	78.4889W	2777	From 2007-01-01
Estacion Juarez	EJC	Chiapas,Mexico	17.6044N	93.1956W		
Estancia	EST	New Mexico,U.S.A.	34.8645N	105.7230W	2055	
Esteban Cantu@15	ECNX	Baja California,Mexico	31.6570N	116.5970W	1040	From 1976-06-01
Estepa	ESTP	Spain	37.2713N	4.8662W	893	
Estepona	EXES	Spain	36.4230N	5.1520W	13	
Estერი de Cardos	CEST	Spain	42.6005N	1.2553E	1325	From 2006-06-01
Estevan Point	ETB	British Columbia,Canada	49.3763N	126.5380W	1	
E St Louis HE Ctr	STIL	Missouri,U.S.A.	38.6205N	90.1626W	131	
Estremoz	PESTR	Portugal	38.8672N	7.5902W	410	From 2006-07-01
Esutoru	ESU	Sakhalinskaya Oblast',Russia	49.0833N	142.0330E		
Eten	CHP7	Peru	6.9450S	79.8650W	200	
Ethyl Lake Duckett	ELD	Alberta,Canada	54.5358N	110.3320W	564	From 1978-12-01
Etna Belvedere	EBEL	Sicily,Italy	37.7408N	15.0091E	2808	From 2004-09-14
Etna Monte Conca	EMCN	Italy	37.7912N	15.0335E	1911	From 2008-05-15
Etna Monte Frumento Supino	EMFS	Italy	37.7196N	14.9979E	2545	From 2004-07-20
Etowah	ETT	Tennessee,U.S.A.	35.3260N	84.4550W	588	From 1981-11-25
Etsaut	ETSF	Aquitaine,France	42.8986N	0.5592W	910	From 1996-04-03
Eugene	I03A	Oregon,U.S.A.	43.9726N	123.2777W	205	From 2005-11-18 to 2008-01-20
Eugene	EJ0	Oregon,U.S.A.	44.0294N	123.0689W	160	
Eugowra	EJGM	New South Wales,Australia	33.4182S	148.3418E	290	
Eureka	EJUNU	Canada	80.0533N	86.4158W	628	
Eureka	P10A	Nevada,U.S.A.	39.6202N	116.4639W	1874	From 2006-06-07
Eureka	EUW	Washington,U.S.A.	46.3958N	118.5620W	367	From 1975-06-01
Eureka	EUR	Nevada,U.S.A.	39.4833N	115.9700W	2178	From 1958-05-01
Eureka	EK-NV	Nevada,U.S.A.	39.2089N	115.7103W	1951	From 1963-11-11 to 1964-11-02
Eureka Canyon	EUC	California,U.S.A.	37.0507N	121.8090W	438	From 1969-05-28
Eureka Canyon	LT12	California,U.S.A.	37.0507N	121.8090W	438	From 1969-05-28
Eureka Canyon	JECM	California,U.S.A.	37.0507N	121.8090W	438	From 1969-05-28
Eureka (L)	EK	Nevada,U.S.A.	39.2089N	115.7103W	1951	From 1963-11-11 to 1964-11-02
Eureka Mesa	EUM	New Mexico,U.S.A.	36.0131N	106.8440W	2914	From 1978-01-13
Eureka Ridge	ERI	Idaho,U.S.A.	46.5347N	116.2750W	862	From 1971-10-01 to 1974-07-26
Eutaw	EU-AL	Alabama,U.S.A.	32.7792N	87.8739W	43	From 1963-07-02 to 1964-10-22
Eutaw	EU2	Alabama,U.S.A.	32.7964N	87.8847W	43	From 1966-11-12 to 1967-01-16
Eutaw	EU	Alabama,U.S.A.	32.7792N	87.8739W	43	From 1963-07-02 to 1964-10-22
Eutaw	EU2AL	Alabama,U.S.A.	32.7964N	87.8847W	43	From 1966-11-12 to 1967-01-16
Evander	EVA	Transvaal,South Africa	26.5055S	29.0770E	1621	From 1981-01-01 to 1999-01-31
Evansville	EVIN	U.S.A.	37.9716N	87.5297W	140	
Evensk	EVNR	Magadanskaya Oblast'	61.9240N	159.2670E	75	From 2006-05-05
Everest	EVN	Nepal	27.9568N	86.8167E	5037	
Everett College ANSS-SMO	EVCC	Washington	48.0073N	122.2055W	30	From 2001-08-28
Everett Gateway Middle School ANSS-SMO	EVGW	Washington	47.8542N	122.1546W	122	From 2001-07-01
Everglades	EVE	Florida,U.S.A.	25.3873N	80.6828W	1	
Evergreen College	EGRN	Washington,U.S.A.	47.0733N	122.9781W	57	
Evora	EVO	Portugal	38.5320N	8.0130W	235	
Evora	NE27	Portugal	38.5320N	8.0130W		
Evrytania	EVR	Greece	38.9167N	21.8087E	1050	
Ewing Young ES, Newberg ANSS-SMO	EYES	Oregon	45.3294N	123.0577W	61	From 2002-09-01
Excelsior	EXC	Nevada,U.S.A.	38.3385N	118.3242W	1823	
Exmoor	HEX	England,United Kingdom	51.0668N	3.8025W	278	From 1991-01-01
Experimental Lakes	EPLO	Ontario,Canada	49.6737N	93.7258W	437	
Experiment Station	EXSG	California,U.S.A.	37.6137N	118.8310W	2153	From 1984-07-01
Eystri-Skogar	IESK	Iceland	63.5250N	19.4510W	95	From 2001-10-04
Ezine	EZN	Turkey	39.8258N	26.3253E	50	From 1970-08-01
Fabra	FBR	Spain	41.4164N	2.1250E	405	
Fabrichnaya	FAB	Kazakhstan	43.1470N	76.4470E	1050	
Fachingen	FACH	Rheinland-Pfalz,Germany	50.3563N	7.9938E	110	
Faenza	FAEN	Italy	44.2895N	11.8770E	41	From 2007-09-17
Faenza	FAE	Italy	44.3056N	11.8833E	48	
Fagnano	FAGN	Italy	42.2660N	13.5840E	760	From 2004-05-11
Fagurholmsmyri	IFAG	Iceland	63.8750N	16.6540W	27	From 1999-05-14
Failaka Island	FKI	Kuwait	29.4471N	48.3132E	6	
Fairbairn	FAIR	Queensland,Australia	23.6565S	148.0772E	290	
Fairbanks	FB2AK	Alaska,U.S.A.	64.9100N	147.4464W	343	
Fairbanks	FB-AK	Alaska,U.S.A.	64.9519N	148.2842W	716	
Fairbanks	FBA	Alaska,U.S.A.	64.9000N	147.7933W	320	From 1978-08-13 to 1996-12-31
Fairbanks	FBAS	Alaska,U.S.A.	64.7711N	146.8860W	400	
Fairbanks	FBK	Alaska,U.S.A.	64.8994N	148.0060W	330	From 1970-09-01 to 1972-04-30
Fairbanks-Long Period	FBAL	Alaska,U.S.A.	64.9100N	147.4464W	365	
Fairbourne	WFB	Wales,United Kingdom	52.6830N	4.0378W	325	From 1985-01-01
Fairmont	FTW	Washington,U.S.A.	47.8767N	122.2010W	147	From 1975-09-24
Fairview Park	FPN1	Nevada,U.S.A.	39.2488N	118.1620W	2002	
Fairview Peak	FPN	Nevada,U.S.A.	39.2040N	118.1560W	2256	From 1971-09-30 to 1999-08-25
Faja de Cima	FAC	Azores,Portugal	37.7732N	25.6505W	191	From 1981-01-01
Fakeheh	FKH	Lebanon	34.2355N	36.4018E	1170	From 2004-12-01
Falkenberg	FABU	Sweden	57.0011N	12.7184E	80	From 2006-10-07
Falkenberg	FALK	Bayern,Germany	49.8606N	12.2248E	465	
Falkland Islands	FLK	Falkland Islands	51.8365S	58.4465W	10	From 1992-11-06
Falling Springs	FAL	California,U.S.A.	34.3098N	117.8092W	2316	
Fallon	P07A	Nevada,U.S.A.	39.5399N	118.8893W	1218	From 2006-02-25 to 2008-03-10
Fall River	FLR	Massachusetts,U.S.A.	41.7167N	71.1215W	52	From 1975-03-24 to 1999-01-31
False Pass	FSP	Alaska,U.S.A.	54.9533N	163.4570W	200	
False Pass	FALS	Alaska,U.S.A.	54.8573N	163.4155W	45	
Falun	FALU	Sweden	60.4943N	15.8318E	150	From 2002-01-15
Famagusta	FAM	Cyprus	34.9961N	34.0019E	68	From 1987-02-01 to 1998-11-30
Famara	EFAM	Spain	29.1275N	13.5295W	135	
Fancy Village	SFAN	St Vincent,Saint Vincent and the Grenadines	13.3838N	61.1721W	229	
F and S Farms, Texico	X27A	New Mexico,U.S.A.	34.6469N	103.0974W	1304	From 2008-04-28
Fangliau	SCZT	Taiwan region	22.3720N	120.6200E	74	
Fanning Island	FAN	Line Islands,Kiribati	4.0000N	159.6670W	6	
Faraa	FRAS	Saudi Arabia	21.0584N	40.5183E	1996	
Farallon Islands	NFIM	California,U.S.A.	37.6983N	123.0000W	107	From 1971-05-05
Farallon Islands	FARB	California,U.S.A.	37.6978N	123.0011W	-18	
Farasan al Kabir	FRSS	Saudi Arabia	16.7383N	42.1152E	66	
Faratahi	FRT	Tuamotu,French Polynesia	18.1700S	141.0420W	2	From 1976-01-01
Farellones	FCH	Santiago,Chile	33.3276S	70.2906W	2770	From 1982-01-01
Fargo Canyon	FRGC	California,U.S.A.	33.7572N	116.0610W	934	
Faris Peak	WFAR	Alaska,U.S.A.	54.5371N	164.7765W	640	
Farley Peak	KFPM	California,U.S.A.	39.6392N	123.4240W	796	
Farmers Butte	FBO	Oregon,U.S.A.	44.3099N	122.5780W	1080	From 1991-09-01
Farmington	FARG	New Mexico,U.S.A.	36.7781N	108.1870W	1801	From 1977-10-01 to 1999-08-25
Farmville	FRV	Virginia,U.S.A.	37.2030N	78.3593W	216	From 1978-10-10 to 2004-09-30
Faro	FARH	Ecuador	0.0355S	78.5095W	3595	
Faro	FAR	Portugal	37.0189N	7.9722W	8	
Farson	L19A	Wyoming,U.S.A.	42.1012N	109.3575W	2034	From 2007-10-24
Far West T-bar	FWVZ	North Island,New Zealand	39.2564S	175.5519E	2000	
Fatmalar	FAT	Turkey	36.9065N	31.5136E	472	From 1975-04-01
Faultless	FA-NV	Nevada,U.S.A.	38.6406N	116.2228W	1920	
Fauresmith	FRS	Orange Free State,South Africa	29.7500S	25.3217E	1420	From 1985-01-01 to 2000-09-01
Favara	FAI	Sicily,Italy	37.2758N	13.6756E	149	From 1983-04-01
Favara	FA1	Sicily,Italy	37.3000N	13.6600E	330	From 1983-04-01
Favara	FAVR	Sicily,Italy	37.2671N	13.6669E	258	
Fayetteville	FAV	Arkansas,U.S.A.	36.1214N	94.1906W	387	From 1969-07-01
Fayetteville	FAY	Arkansas,U.S.A.	36.0911N	94.1911W	404	From 1952-01-01 to 1969-07-31
Fayid	FYD	Egypt	30.2930N	32.2310E	200	
Feather Falls	FEA	California,U.S.A.	39.6191N	121.2460W	1227	From 1966-06-01 to 1969-01-31
Featherly Pass	FLP	Alaska,U.S.A.	57.7117N	156.2650W	485	From 1975-10-01
Federal Ranch	FRC	British Columbia,Canada	56.4417N	122.3830W		From 1967-12-01 to 1973-04-06
Feichten	FETA	Austria	47.0211N	10.7291E	1632	From 2006-12-13
Feke	FEKT	Turkey	37.8070N	35.9070E	690	From 1993-01-01
Feldberg	FEL	Baden-Wuerttemberg,Germany	47.8758N	8.0127E	1330	From 1961-01-01 to 1996-04-30

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Feldberg im Schwarzwald	FELD	Baden-Wuerttemberg,Germany	47.8763N 8.0040E	1465	From 1996-04-01
Fenais da Ajuda	PFAD	Azores,Portugal	37.8388N 25.3231W	291	From 2003-12-01
Fenestrelle	FENE	Italy	45.0302N 7.0627E	1000	
Feng-lin	TWE*	Taiwan region	23.7367N 120.4255E	140	
Feodosiya	FE0	Ukraine	45.0190N 35.3900E	40	
Fergana	FRG	Uzbekistan	40.3833N 71.7833E	577	
Ferguson	FERR	Nevada,U.S.A.	38.5928N 118.1750W	1646	From 1976-03-01
Fernando de Noronha	FNDO	Brazil	3.8333S 32.4167W		
Ferndale	FER	California,U.S.A.	40.5767N 124.2620W	15	From 1933-01-01
Fern Forest	FEF	Hawaii,U.S.A.	19.4783N 155.1490W	691	
Fernie	FRN	British Columbia,Canada	49.4833N 114.9770W		
Ferrara Citta	FECT	Italy	44.8675N 11.6264E	-55	
Ferry Basin	FBMT	Montana,U.S.A.	47.4068N 114.4222W	1518	
Feteiras	PFET	Azores,Portugal	37.8174N 25.7886W	342	From 2004-06-01
Fethiye	FETY	Turkey	36.6353N 29.0835E	452	From 2004-12-03
Fiamignano	FIAM	Italy	42.2680N 13.1172E	1070	From 2004-07-02
Fickle Hill	FHC	California,U.S.A.	40.8017N 123.9850W	610	From 1968-12-01
Fiddlyment Ranch	AFRM	California,U.S.A.	38.7923N 121.3490W	31	From 1976-12-02
Fields	L08A	Oregon,U.S.A.	42.1901N 118.3445W	1490	From 2008-06-19 to 2008-04-19
Fields Point	FPW	Washington,U.S.A.	47.9667N 120.2130W	352	From 1975-06-01
Fierza	FRZ	Albania	42.2813N 20.0382E		
Fiesheim UWZ	BA04	Nordrhein-Westfalen	50.7620N 6.7941E	118	From 2006-10-01
Fig Tree	FGTQ	Queensland,Australia	20.9701S 147.7760E	220	From 1987-08-03
Fila Bonilla	FIBO	Costa Rica	10.0192N 83.7075W	2160	
Fila Carbon	FICA	Costa Rica	9.7375N 82.8945W	204	
Fila de Piedra	FIPE	Venezuela	7.9697N 71.2511W	600	From 1984-01-01
Filaki	VFI	Greece	39.2352N 22.5921E	360	From 1982-10-01
Fila Paraiso	ELPA	Venezuela	7.7917N 71.7253W	1285	From 1984-01-01
Filicudi I Eolie	IFIL	Sicily,Italy	38.5640N 14.5660E	200	From 1979-01-01
Filignano	CERA	Italy	41.5978N 14.0183E	800	From 2006-07-20
Fillmore	FM-	Utah,U.S.A.	39.2183N 112.2069W	1890	From 1961-10-07 to 1966-03-12
Fillmore	Q15A	Utah,U.S.A.	38.9995N 112.3793W	1477	From 2007-05-22
Fillmore	FIL	California,U.S.A.	34.4238N 118.8350W	243	
Fillmore	FM-UT	Utah,U.S.A.	39.2183N 112.2069W	1890	From 1961-10-07 to 1966-03-12
Fillols	FILF	Languedoc-Rousillon,France	42.5603N 2.5603E	850	From 1998-09-09
Finale Ligure	FIN	Italy	44.2092N 8.2083E	590	
Fine	FINE	New York,U.S.A.	44.2650N 75.1670W	354	
FINESS Array Beam Reference Point	FINES	Finland	61.4436N 26.0771E	150	
FINESS Array Site A0	FIA0	Finland	61.4436N 26.0771E	156	From 1990-01-01
FINESS Array Site A1	FIA1	Finland	61.4445N 26.0793E	138	
FINESS Array Site A2	FIA2	Finland	61.4412N 26.0737E	162	
FINESS Array Site A3	FIA3	Finland	61.4447N 26.0716E	153	
FINESS Array Site B1	FIB1	Finland	61.4441N 26.0845E	165	
FINESS Array Site B2	FIB2	Finland	61.4391N 26.0818E	159	
FINESS Array Site B3	FIB3	Finland	61.4394N 26.0706E	176	
FINESS Array Site B4	FIB4	Finland	61.4436N 26.0650E	158	
FINESS Array Site B5	FIB5	Finland	61.4467N 26.0711E	143	
FINESS Array Site B6	FIB6	Finland	61.4469N 26.0808E	147	
FINESS Array Site C1	FIC1	Finland	61.4384N 26.0596E	158	
FINESS Array Site C2	FIC2	Finland	61.4488N 26.0612E	154	
FINESS Array Site C3	FIC3	Finland	61.4527N 26.0772E	133	
FINESS Array Site C4	FIC4	Finland	61.4489N 26.0899E	145	
FINESS Array Site C5	FIC5	Finland	61.4397N 26.0917E	161	
FINESS Array Site C6	FIC6	Finland	61.4346N 26.0760E	159	
Finlay Fork	FNC	British Columbia,Canada	55.9917N 123.2500W		
Finn Hill Junior High School	FINN	Washington,U.S.A.	47.7191N 122.2319W	10	
Finntorp	FINU	Sweden	59.4034N 12.4789E	20	From 2005-05-01
Finschhafen	FINC	Papua New Guinea	6.6167S 147.8570E	7	From 1992-05-20
Finsterwolde	FSW	Netherlands	53.2146N 7.1204E	0	
Fintinele	FTB	Romania	46.6892N 23.0544E	1100	From 1979-01-01
Fiordimonte	FDMO	Italy	43.0365N 13.0873E	550	From 2008-03-27
Firariana	FRR	Madagascar	18.7169S 47.6000E	1555	From 1973-06-01 to 1978-11-16
Fire Island	FIS	Alaska,U.S.A.	61.1442N 150.2190W	76	From 1974-09-24 to 1976-05-04
Fire Island	FIB	Alaska,U.S.A.	61.1662N 150.1753W	62	From 1996-01-01
Firenze	FIR	Italy	43.7739N 11.2550E	46	
Firoozkooch	IFIR	Iran	35.6415N 52.7536E	2380	From 1996-01-01
First Sedna Site,Hudson Bay	SEDN	Nunavut	63.2502N 91.2081W	121	From 2006-08-24
Fish Creek	FSHM	Victoria,Australia	38.7565S 145.9996E	420	
Fish Creek Ranch, Battle Mountain	O09A	Nevada,U.S.A.	40.1697N 117.1899W	1491	From 2008-04-22 to 2008-03-08
Fish Haven	L16A	Idaho,U.S.A.	42.0149N 111.4319W	2013	From 2007-07-13
Fishrie	MFI	Scotland,United Kingdom	57.6116N 2.2953W	220	From 1988-01-01
Fish Springs	FSU	Utah,U.S.A.	39.7225N 113.3910W	1487	From 1979-06-01
Fitzpatrick Place, Clyde Park	F17A	Montana,U.S.A.	45.9054N 110.6590W	1545	From 2007-10-21
Fitzroy Crossing	FITZ	Western Australia,Australia	18.1020S 125.6390E	110	From 1994-09-01
Fitzroy Crossing	FITX	Western Australia,Australia	18.1092S 125.6428E	110	From 1995-03-19 to 1996-09-11
Fitzroy Falls	FTZM	New South Wales,Australia	34.6421S 150.4838E	711	
Fitzroy Harbor	FHO	Ontario,Canada	45.4550N 76.2170W	72	From 1979-04-01 to 1982-01-11
Flaach	FLACH	Switzerland	47.5720N 8.5676E	370	
Flagg Ranch	FLWY	Wyoming,U.S.A.	44.0827N 110.6993W	2078	
Flag Point	VFP	Oregon,U.S.A.	45.3181N 121.4650W	1716	From 1980-10-01
Flagstaff	FLG	Arizona,U.S.A.	35.2932N 111.7020W	2445	From 1966-11-01 to 1972-09-30
Flagstaff	FS-AZ	Arizona,U.S.A.	35.0692N 111.3094W	1890	From 1961-10-14 to 1966-03-12
Flagstaff	W16A	Arizona,U.S.A.	35.0951N 111.5318W	2192	From 2007-04-27
Flagstaff	FLAG	Arizona,U.S.A.	35.1667N 111.6430W	2115	From 1977-05-01
Flagstaff	FS-	Arizona,U.S.A.	35.0692N 111.3094W	1890	From 1961-10-14 to 1966-03-12
Flaming Gorge	FGU	Utah,U.S.A.	40.9264N 109.3860W	1982	From 1960-01-01 to 1976-06-30
Flanigan	O06A	Nevada,U.S.A.	40.1650N 119.8275W	1228	From 2006-02-24 to 2008-03-05
Flash Two Peak	FLSC	California,U.S.A.	34.9688N 117.0370W	3300	From 1979-06-01
Flat	FLA	Utah,U.S.A.	39.4700N 110.4380W	1670	From 1962-01-01 to 1977-03-31
Flatley	IFLA	Iceland	66.1610N 17.8480W	13	From 2000-11-09
Flat Gap	FGTN	Tennessee,U.S.A.	36.4340N 83.1950W	500	From 1991-12-19 to 2008-02-13
Flathead National Forest, Polebridge	A13A	Montana,U.S.A.	48.9330N 114.4135W	1199	From 2006-09-28
Flat River	FRM	Missouri,U.S.A.	37.8358N 90.4864W	161	From 1969-01-01 to 1972-12-31
Flat Rock	FRNY	New York,U.S.A.	44.8350N 73.5883W	223	
Flat Top 2	FL2	Washington,U.S.A.	46.1964N 122.3500W	1378	
Fleetwood	FLT	Alabama,U.S.A.	33.2580N 87.4095W	128	From 1971-01-09
Flemingsburg	FLKY	Kentucky,U.S.A.	38.4260N 83.7510W	280	From 1989-02-15
Flemingsburg	SLKY	Kentucky,U.S.A.	38.4260N 83.7510W	280	From 1989-02-15
Fletcher	FLET	Vermont,U.S.A.	44.7227N 72.9517W	366	From 1977-08-08
Fletcher	FLE	Vermont,U.S.A.	44.7227N 72.9517W		
Flin Flon	FFC	Saskatchewan,Canada	54.7250N 101.9780W	338	From 1965-02-22
Flin Flon Array Beam Reference Point	FLAR	Saskatchewan,Canada	54.7188N 101.9950W	229	
Flin Flon Array Site 1	FL01	Saskatchewan,Canada	54.7257N 101.9921W		
Flin Flon Array Site 10	FL10	Saskatchewan,Canada	54.7398N 101.9559W		
Flin Flon Array Site 11	FL11	Saskatchewan,Canada	54.7171N 101.9410W		
Flin Flon Array Site 12	FL12	Saskatchewan,Canada	54.6984N 101.9454W		
Flin Flon Array Site 13	FL13	Saskatchewan,Canada	54.6875N 101.9855W		
Flin Flon Array Site 14	FL14	Saskatchewan,Canada	54.6925N 102.0241W		
Flin Flon Array Site 15	FL15	Saskatchewan,Canada	54.7126N 102.0421W		
Flin Flon Array Site 16	FL16	Saskatchewan,Canada	54.7361N 102.0558W		
Flin Flon Array Site 17	FL17	Saskatchewan,Canada	54.7481N 102.0301W		
Flin Flon Array Site 18	FL18	Saskatchewan,Canada	54.7599N 101.9958W		
Flin Flon Array Site 2	FL02	Saskatchewan,Canada	54.7252N 101.9677W		
Flin Flon Array Site 3	FL03	Saskatchewan,Canada	54.7120N 101.9634W		
Flin Flon Array Site 31	FL31	Saskatchewan,Canada	54.7189N 101.9950W	229	
Flin Flon Array Site 4	FL04	Saskatchewan,Canada	54.7119N 101.9811W		
Flin Flon Array Site 5	FL05	Saskatchewan,Canada	54.7087N 102.0021W		
Flin Flon Array Site 6	FL06	Saskatchewan,Canada	54.7182N 102.0096W		
Flin Flon Array Site 7	FL07	Saskatchewan,Canada	54.7266N 102.0168W		
Flin Flon Array Site 8	FL08	Saskatchewan,Canada	54.7348N 101.9902W		
Flin Flon Array Site 9	FL09	Saskatchewan,Canada	54.7544N 101.9668W		
Flint Hills	HFHM	California,U.S.A.	36.8882N 121.4690W	101	From 1975-12-10
Flippin	FLPT	Tennessee,U.S.A.	36.4094N 89.3206W	131	
Florencia	FLOC	Colombia	1.5137N 75.6326W	364	From 1994-01-01
Flores Is	FLOR	Azores,Portugal	39.4347N 31.1921W	605	From 1991-09-09
Florida	FLOM	Guerrero,Mexico	17.2255N 100.3887W	840	
Florina	FNA	Greece	40.7838N 21.3762E	750	From 1989-12-01
Florissant	FLO	Missouri,U.S.A.	38.8017N 90.3700W	160	From 1928-01-01 to 1971-08-31
Floro	FOO	Norway	61.5980N 5.0440E	10	From 1999-06-08

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Flostrand	STOK2	Norway	66.3400N 13.3600E	20	From 2005-07-01
Flostrand	FLOS	Norway	66.3365N 13.3647E	20	From 2005-05-01
Flower Mountain	FLMTX	Texas,U.S.A.	31.7720N 94.8050W	220	
Flymyra	FLYU	Sweden	60.1282N 17.8846E	100	From 2002-01-13
Focsani	FOC	Romania	45.6950N 27.1833E	61	From 1942-07-12
Fodele	FODE	Crete,Greece	35.3797N 24.9576E	50	
Fofonovo	FFNB	Buryatiya,Russia	52.0470N 106.7640E	564	From 1999-08-01
Foggia	FG1	Italy	41.4500N 15.5514E		From 1977-11-01
Foggia	FOG	Italy	41.4500N 15.5514E		From 1977-11-01
Foggia	FGG	Italy	41.4500N 15.5514E		From 1977-11-01
Fogo--Pe de Pico	FPPC	Cape Verde Islands	14.9603N 24.3658W	1680	
Foia	PFFO	Portugal	37.3163N 8.5860W	799	From 1996-01-01
Foligno	FOL	Italy	42.9567N 12.7067E		
Folkestone	TFO1	England,United Kingdom	51.1135N 1.1409E	202	From 1989-01-01
Fond-Bernard	FNG	Guadeloupe	16.0603N 61.6867W	825	
Fontana Vidola	FNVD	Italy	44.1678N 11.1229E	950	From 2003-10-22
Fontenelle, Green River	L18A	Wyoming,U.S.A.	41.9243N 110.0364W	2051	From 2007-11-03
Fontinhas	FOT	Azores,Portugal	38.7411N 27.3361W		
Fontmartina	CFON	Spain	41.7623N 2.4356E	972	
Fontmartina	FONT	Spain	41.7622N 2.4338E	963	
Fool Peak	FLU	Utah,U.S.A.	39.3782N 112.1710W	1950	
Forcella Aurine	FAU	Italy	46.2300N 11.9800E	1430	
Forcham	FOR	New York,U.S.A.	40.8631N 73.8856W	24	From 1910-01-01
Ford Ridge	FDU	Utah,U.S.A.	39.7568N 110.9900W	2975	From 1978-03-01 to 2004-03-05
Forest Bistro	DFBT	Dominica	15.2401N 61.3559W	83	
Forest Hill	FVW	West Virginia,U.S.A.	37.5817N 80.8117W	756	
Forest Hills Divide	AFDM	California,U.S.A.	38.9480N 120.9720W	549	From 1983-05-16
Forest Hill Site	AFHM	California,U.S.A.	39.0418N 120.7910W	1064	From 1978-07-20
Forest Lakes	X17A	Arizona,U.S.A.	34.3371N 110.8058W	2280	From 2007-04-13
Forgia Vecchia	VL6*	Sicily,Italy	38.4089N 14.9611E		From 1966-04-01 to 1966-05-01
Forni Avoltri	FOA	Italy	46.5867N 12.7750E	880	From 1982-06-06 to 1988-01-01
Forni Avoltri	FVI	Italy	46.5966N 12.7804E	1024	
Forrest	FORT	Western Australia,Australia	30.7790S 128.0590E	165	From 1992-05-19
Forrest	FRMT	Victoria,Australia	38.5337S 143.7160E	230	
Forrest	FORR	Western Australia,Australia	30.8500S 128.1000E		From 1988-01-01 to 1992-05-17
Forrest Kerr	FKBC	British Columbia,Canada	56.7847N 130.6180W	1175	From 1989-10-10
Forsmark	FORU	Sweden	60.3870N 18.1801E	10	From 2005-05-12
Forsnaval	RFO	Scotland,United Kingdom	58.2133N 7.0052W	197	From 1995-09-10
Forsyth	FR-	Montana,U.S.A.	46.1000N 106.4403W	823	From 1963-07-07 to 1964-08-05
Forsyth	FR-MA	Montana,U.S.A.	46.1000N 106.4403W	823	From 1963-07-07 to 1964-08-05
Forsythe	AN2*	California,U.S.A.	36.7875N 121.4470W	41	From 1967-09-25 to 1971-04-27
Fort Charlotte	FCV	St Vincent,Saint Vincent and the Grenadines	13.1570N 61.2450W	194	
Fort Churchill	FCC	Manitoba,Canada	58.7617N 94.0867W	39	
Fort de France	FDf	Martinique	14.7333N 61.1503W	510	
Fort Gibson	GBO	Oklahoma,U.S.A.	35.8526N 95.1843W	302	From 1979-07-19 to 1984-12-30
FORTIN DE LA CUMBRE	FDCV	Venezuela	10.5407N 66.9537W	1472	From 2003-09-08
Fort Lent	NE42	Netherlands	51.8630N 5.8510E		
Fort MacArthur	FMA	California,U.S.A.	33.7125N 118.2850W	15	
Fort Macarthur Park	FMP	California,U.S.A.	33.7100N 118.2900W	89	From 2004-04-01
Fort McLeod	FT-BC	British Columbia,Canada	54.9136N 122.8822W	914	From 1962-11-16 to 1962-12-09
Fort McLeod	FT-	British Columbia,Canada	54.9136N 122.8822W	914	From 1962-11-16 to 1962-12-09
Fort Nelson	FL-BC	British Columbia,Canada	58.8606N 122.8364W	655	From 1965-10-22 to 1965-11-15
Fort Nelson	FNBB	British Columbia,Canada	58.8904N 123.0097W	618	
Fort Nelson	FL-	British Columbia,Canada	58.8606N 122.8364W	655	From 1965-10-22 to 1965-11-15
Fort Nelson	FNBC	British Columbia,Canada	58.8418N 122.5737W	380	From 1998-02-09 to 2006-03-28
Fort Rock	J05A	Oregon,U.S.A.	43.2843N 121.2357W	1540	From 2006-07-17 to 2007-11-02
Fort Ross	FR	California,U.S.A.	38.5227N 123.1610W	528	From 1975-01-22
Fort Saint James	FSB	British Columbia,Canada	54.4767N 124.3280W	747	
Fort Saint James	FSJ	British Columbia,Canada	54.4633N 124.2800W	772	From 1965-05-12 to 1979-04-17
Fort Shafter	SFTX	Texas,U.S.A.	29.9255N 104.3696W	1384	
Fort Sherman	FH-FM	Panama	9.3631N 79.9583W	15	From 1966-11-14 to 1966-12-20
Fort Sherman	FH-	Panama	9.3631N 79.9583W	15	From 1966-11-14 to 1966-12-20
Fort Simpson	FST	Northwest Territories,Canada	61.8400N 121.2750W	175	From 1986-01-09
Fort Simpson	FST1	Northwest Territories,Canada	61.7858N 121.2590W	175	From 1985-10-06 to 1986-01-09
Fort Stockton	FO-TX	Texas,U.S.A.	30.9017N 102.6978W	880	From 1964-06-21 to 1965-04-12
Fort Stockton	FO-	Texas,U.S.A.	30.9017N 102.6978W	880	From 1964-06-21 to 1965-04-12
Fort Tejon	FTC	California,U.S.A.	34.8708N 118.8918W	942	From 1952-11-21
Fortuna	FORC	Costa Rica	10.4717N 84.6683W	400	
Fortuna	FTA	Panama	8.6815N 82.2647W	629	
Fortuna Mine	FTM	Arizona,U.S.A.	32.5548N 114.3340W	263	From 1975-07-01
Fort Yukon	FY2	Alaska,U.S.A.	67.1245N 147.0970W	671	From 1975-09-01
Fort Yukon	FY5	Alaska,U.S.A.	67.1400N 143.2500W	558	From 1975-09-01
Fort Yukon	FY4	Alaska,U.S.A.	67.4533N 146.2100W	792	From 1975-09-01 to 1978-08-14
Fort Yukon	FY3	Alaska,U.S.A.	68.1472N 145.7000W	1439	From 1975-09-01 to 1978-08-14
Fort Yukon	FY1	Alaska,U.S.A.	67.2667N 148.9700W	939	From 1975-09-01
Fort Yukon	FYU	Alaska,U.S.A.	66.5660N 145.2320W	137	From 1972-02-09
Fosdinovo	FS1	Italy	44.1267N 10.0250E		
Fosdinovo	FSI	Italy	44.1267N 10.0250E		
Fossombrone	FSSB	Italy	43.6922N 12.7775E	498	
Fouillouse	FOUF	Provence-Cote d'Azur,France	44.5292N 6.7819E		From 1983-01-01
Foulwind	FLW	South Island,New Zealand	41.7522S 171.5000E	20	From 1968-05-24 to 1968-07-02
Foumbot	FBT	Cameron	5.4690N 10.5710E	1040	From 1987-02-17
Fountain Green	P16A	Utah,U.S.A.	39.6092N 111.6595W	1822	From 2007-05-28
Fountain Ranch, Boone	R25A	Colorado,U.S.A.	38.1474N 104.2834W	1461	From 2008-06-04
Fourare	FOE	Morocco	31.9880N 9.2610W		
Four Mile Canyon	FMC	Oregon,U.S.A.	45.6244N 120.0280W	305	From 1975-11-01
Fournols	FRNF	Limousin,France	45.3867N 2.5627E	670	
Four Points	FPST	Tennessee,U.S.A.	35.9780N 89.4547W	106	
Four Seasons	FS03	Queensland,Australia	25.1068S 151.8667E	180	From 2001-02-16
Fox Airport	FOXC	California,U.S.A.	34.7330N 118.2310W	716	From 1981-03-01
Fox Creek	FOX	California,U.S.A.	40.5212N 123.9920W	113	From 1974-06-19
Fox Glacier	FOZ	South Island,New Zealand	43.5649S 169.6885E	0	
Foz do Areia	FDA4	Parana,Brazil	26.1670S 51.7700W	0	
Foz do Areia	FDA	Parana,Brazil	25.9869S 51.5153W		From 1979-01-01
Foz do Areia	FDA5	Parana,Brazil	26.1498S 51.4552W	1000	From 1981-01-01
Francis Marion National Forest	FMF	South Carolina,U.S.A.	32.9540N 79.8410W		From 1973-02-28 to 1973-10-02
Francis Peak	FPU	Utah,U.S.A.	41.0264N 111.8370W	2816	From 1974-09-01
Franconia Notch	FNN	New Hampshire,U.S.A.	44.1600N 71.6817W	1060	From 1967-01-01 to 1975-12-31
Frank Field Bay, Greenland	FFBG	Greenland	82.1294N 56.0364W	30	From 2004-07-27
Franklin	FN-	West Virginia,U.S.A.	38.5494N 79.5131W	910	From 1964-05-04 to 1965-11-12
Franklin	FKO	Oklahoma,U.S.A.	35.2613N 97.3861W	351	From 1987-01-01
Franklin	FN-WV	West Virginia,U.S.A.	38.5494N 79.5131W	910	From 1964-05-04 to 1965-11-12
Franklin	FNO	Oklahoma,U.S.A.	35.2571N 97.4006W	357	From 1992-04-28
Franklin Camp	FCBC	British Columbia	48.9742N 124.7358W	255	From 2006-12-19 to 2007-02-15
Franklin College	FMPA	Pennsylvania,U.S.A.	40.0478N 76.3208W	121	
Franklin Falls Dam	FFD	New Hampshire,U.S.A.	43.4701N 71.6533W	131	
Franktown	FK-CO	Colorado,U.S.A.	39.5867N 104.4617W	1803	From 1966-11-17 to 1967-06-26
Franktown	FK-	Colorado,U.S.A.	39.5867N 104.4617W	1803	From 1966-11-17 to 1967-06-26
Frederick Butte	VFBM	Oregon,U.S.A.	43.6585N 120.2370W	1369	
Fred Haigh	FRED	Queensland,Australia	24.8985S 151.8970E	120	
Freedom	FDKY	Kentucky,U.S.A.	36.7900N 85.7942W	306	From 1987-03-27
Freiberg	FBE	Sachsen	50.9212N 13.3541E	44	From 2004-10-01
Freiburg im Breisgau	FBB	Baden-Wuerttemberg,Germany	48.0016N 7.8532E	258	From 1994-01-01
Fremont Peak	HFFM	California,U.S.A.	36.7537N 121.4900W	705	From 1970-09-02
Fremont Peak	FRP	California,U.S.A.	36.7537N 121.4900W	705	From 1970-09-02
Frenchman Hills East	FHE	Washington,U.S.A.	46.9519N 119.4969W	455	
French Village	FVM	Missouri,U.S.A.	37.9840N 90.4260W	310	From 1972-09-01
Fresagrandinaria	FRES	Italy	41.9735N 14.6693E	414	From 2004-09-14
Fresno	FRE	California,U.S.A.	36.7683N 119.7970W	88	From 1935-11-28 to 1971-03-02
Friant	FRI	California,U.S.A.	36.9917N 119.7080W	119	From 1971-01-01
Frijoles Canyon	FCN	New Mexico,U.S.A.	35.7719N 106.2500W	1945	From 1973-05-07 to 1973-07-31
Frink	FRK	California,U.S.A.	33.4008N 115.6370W	91	
Frissel Point	FRIS	Oregon,U.S.A.	44.2122N 122.1005W	1642	
Frobisher Bay	FBC	Northwest Territories,Canada	63.7333N 68.4667W	45	
Frobisher Bay	FBN	Northwest Territories,Canada	63.7467N 68.5467W	18	From 1972-09-14
Frobisher Bay	FRB	Northwest Territories,Canada	63.7467N 68.5467W	18	From 1972-11-30
Froelich Ranch	FROB	California,U.S.A.	35.9109N 120.4869W	231	
Front Royal	FTV	Virginia,U.S.A.	38.8661N 78.1689W	341	
Froya	FRO	Norway	61.7570N 4.8820E	20	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Fruska Gora	FRGS	Serbia	45.1353N	19.8102E	499	From 2005-12-15
Fruska Gora	FGSL	Serbia	45.1571N	19.8104E	500	From 2006-01-01
Fry Pan Ranch, Harper	J09A	Oregon,U.S.A.	43.3471N	117.7542W	1303	From 2006-08-07
Fube	FUB	Shimane,Japan	35.2838N	133.1560E	190	From 1968-12-15 to 1975-05-01
Fuego	FGO	Guatemala	14.4457N	90.8405W	1410	From 1973-02-01
Fuego 2	FGO2	Guatemala	14.4387N	90.8358W	1335	From 1986-07-01
Fuego 3	FUG	Guatemala	14.4478N	90.8420W	1505	From 1987-03-01
Fuente Hervidero	AFUE	Spain	37.1133N	3.5068W	1586	
Fuerteventura	CFUE	Canary Islands	28.6468N	13.9359W	180	From 2004-11-17
Fuerteventura	CFTV	Canary Islands,Spain	28.4138N	14.0833W	540	From 1985-12-01
Fuhringer Ranch, Dutton	C16A	Montana,U.S.A.	47.8012N	111.7458W	1240	From 2007-09-02
Fuji-kawa	FUJ	Yamanashi,Japan	35.2312N	138.4715E	140	
Fujikirizawa	K11	Iwate,Japan	39.4783N	141.5325E	527	
Fukue	FKJ	Nagasaki,Japan	32.6933N	128.8267E	26	
Fukue jima 2	JFU	Nagasaki,Japan	32.6555N	128.7495E	120	
Fukui	FUK	Fukui,Japan	36.0533N	136.2270E	10	
Fukui	FKJD	Fukui,Japan	36.0941N	136.1233E	90	
Fukuoka	FKK	Fukuoka,Japan	33.5800N	130.3800E	3	
Fukushima	FKS	Fukushima,Japan	37.7567N	140.4750E	69	
Fulgham	FMKY	Kentucky,U.S.A.	36.6640N	88.9090W	152	From 1986-10-30
Fuller Ranch	FRTX	Texas,U.S.A.	32.9388N	100.8480W	689	From 1979-01-01 to 2003-01-28
Fullerton Airport	FLAS	California,U.S.A.	33.8713N	117.9750W	-400	From 1986-09-12
Funafuti	FUNA	Tuvalu (Elice Islands)	8.5259S	179.1966E	-1	
Funaoaka	FOTD	Tottori,Japan	35.3305N	134.2672E	200	
Funatsu	FUN	Yamanashi,Japan	35.4983N	138.7630E	860	
Funchal	FUL	Madeira Islands,Portugal	32.6333N	16.9000W	58	From 1973-12-07
Funerel Mountains	FMT	California,U.S.A.	36.6375N	116.7826W	1079	From 1978-11-28
FUNVISIS	FUNV	Venezuela	10.4690N	66.8100W	918	From 2000-08-09
Fuquene	FUQ	Colombia	5.4700N	73.7381W	2580	From 1957-12-01
Furan	JFR	Kamikawa,Japan	43.1635N	142.5935E	360	
Furi	FURI	Ethiopia	8.8967N	38.6783E	2560	
Furnace Creek,Death Valley	FURC	California	36.4700N	116.8600W	-37	From 2004-04-01
Furnas	FRA	Azores,Portugal	37.7593N	25.3533W	557	From 1981-01-01
Furnas	FRA1	Azores	37.7430N	25.3568W	555	From 2004-03-01
Furstenfeldbruck	FUR	Bayern,Germany	48.1655N	11.2763E	565	From 1959-01-01
Furth	WBA	Hessen	49.6544N	8.8183E	483	From 2001-10-25
Furtwangen	FWS	Baden-Wuerttemberg,Germany	48.0530N	8.1976E	925	From 1969-03-01
Furusato	FURD	Kagoshima,Japan	31.5608N	130.6614E	360	
Fuscaldo	FSC	Italy	39.4189N	16.0425E	54	
Fusea	FUSE	Italy	46.4142N	13.0011E	520	From 2007-12-13
Fushiki	HKI	Toyama,Japan	36.7833N	137.0500E		
Fush Village	ETL	Taiwan region	24.1590N	121.6230E	415	From 1998-08-07
Fusio	FUSIO	Switzerland	46.4549N	8.6631E	1480	
Futatsui	FUT	Akita,Japan	40.1467N	140.2167E	140	From 1967-12-29
Fytoko, Volos	FYTO	Greece	39.4086N	22.9396E	192	From 2008-07-01
Gabbs	GAB	Nevada,U.S.A.	38.9752N	117.9130W		
Gabbs	Q08A	Nevada,U.S.A.	38.8606N	117.9316W	1411	From 2006-03-02 to 2008-03-14
Gabel Atot	ATOT	Egypt	28.1698N	33.8603E		
Gable Butte	GBB	Washington,U.S.A.	46.6082N	119.6270W	177	
Gable Mountain	GBL	Washington,U.S.A.	46.5983N	119.4600W	330	From 1969-03-01
Gabriel Gonzalez Videla	GGV	Antarctic Peninsula,Antarctica	64.8199S	62.8633W		
Gafsa	GAF	Tunisia	34.4167N	8.8000E	314	From 1976-01-01
Gafsa	GFA	Tunisia	34.3382N	9.7265E	250	
Gagliano Castelferrato	GALF	Italy	37.7107N	14.5665E	740	From 2006-10-27
Gaibana	GBAN	Nepal	28.6800N	81.6140E	2120	
Gainesville	GAI	Florida,U.S.A.	29.6458N	82.3394W	50	
Gala	GALA	Azerbaijan	40.4100N	50.1550E	22	From 2003-08-01
Gala Law	EGL1	Scotland,United Kingdom	55.8611N	2.7425W	245	
Gala Law	EGL	Scotland,United Kingdom	55.8617N	2.7383W	245	From 1969-01-01 to 1981-11-27
Galapagos Islands	GIE	Galapagos,Ecuador	0.7333S	90.3000W	30	From 1960-01-01
Galena City School	GCSA	Alaska,U.S.A.	64.7461N	156.8792W	46	
Galera	GALE	Ecuador	0.8213N	80.0133W	25	From 1991-11-03 to 1992-04-28
Galerazamba	GAL	Colombia	10.7856N	75.2622W	21	From 1949-04-01
Galeton	GT-	Pennsylvania,U.S.A.	41.6317N	77.8111W	610	From 1962-05-31 to 1962-06-28
Galeton	GT-PA	Pennsylvania,U.S.A.	41.6317N	77.8111W	610	From 1962-05-31 to 1962-06-28
Galiano Island	GOBB	British Columbia,Canada	48.9493N	123.5105W	161	
Galiano Island	GOB	British Columbia,Canada	49.0122N	123.5830W	10	
Galileo	GALC	California,U.S.A.	35.2137N	117.7547W	980	
Galion	GZ-OH	Ohio,U.S.A.	40.6600N	82.7833W	372	
Gallatin	GLT	Tennessee,U.S.A.	36.3620N	86.4980W	159	From 1981-11-10
Galloway	GAL1	Scotland,United Kingdom	54.8664N	4.7114W	117	From 1989-01-01
Galoa	NGA	Fiji	18.1919S	177.9979E	396	From 1979-10-01
Galoogah	IGLO	Iran	36.3080N	53.4950E	1963	From 2000-08-01
Galvasay	GAY	Uzbekistan	41.5333N	69.9000E		
Gambarie	GMB	Italy	38.1681N	15.8289E	1300	
Gambell	GAMB	Alaska,U.S.A.	63.7767N	171.7008W	10	
Gameti Lake	GALN	Yukon Territory,Canada	64.1167N	117.3143W	340	
Ganado	V18A	Arizona,U.S.A.	35.7113N	109.9327W	1977	From 2007-05-11
Ganagobie	GANF	Provence-Cote d'Azur,France	43.9976N	5.9087E	650	
Ganalay	GNL	Kamchatskaya Oblast',Russia	53.6950N	157.9419E	1200	
gangneung	KSKAN	South Korea	37.7425N	128.8893E	25	From 2001-12-15
Gangtok	GTK	Sikkim,India	27.3333N	88.6167E	1765	
Ganja	KRV	Azerbaijan	40.6280N	46.3100E	532	From 1950-01-01
Ganja	GANJ	Azerbaijan	40.6460N	46.3220E	574	From 2003-01-01
Ganjari	GJRN	Nepal	29.4800N	80.7400E	2934	
Ganki	GNK	Aomori,Japan	40.7322N	140.3366E	100	
Ganzirri	GZI	Sicily,Italy	38.2647N	15.6086E		
Gaotai	GTA	Gansu,China	39.4106N	99.8144E	1341	
Garchy	GRC	Bourgogne,France	47.2956N	3.0736E	191	From 1957-11-22
Gardenia Lake, NWT	GDLN	Northwest Territories	62.0199N	105.9943W	385	From 2008-07-16
Gardner Draw, Artesia	125A	New Mexico,U.S.A.	32.6588N	104.6573W	1212	From 2008-03-13
Gardner Farm	GRD	Utah,U.S.A.	40.5983N	111.9258W	1323	
Gardner Place, Afton	K17A	Wyoming,U.S.A.	42.7507N	110.9201W	1922	From 2007-11-03
Garland	GL-TX	Texas,U.S.A.	32.9722N	96.6350W	168	
Garland	GL-	Texas,U.S.A.	32.9722N	96.6350W	168	
Garm	GAM	Tajikistan	39.0000N	70.3167E	1300	
Garm	GAR	Tajikistan	39.0000N	70.3167E	1300	
Garmisch-Partenkirchen	GAPA	Bayern	47.4970N	11.1170E	760	From 1991-01-01
Garmisch-Partenkirchen	GAP	Bayern,Germany	47.4767N	11.0644E	725	From 1973-06-01 to 2004-08-13
Garmisch-Partenkirchen	PART	Bayern	47.4970N	11.1130E	760	From 2003-01-01
Garneh	IGAR	Iran	32.2439N	52.1973E	796	From 2005-04-06
Garner Mountain	LGMM	California,U.S.A.	41.5997N	121.8350W	1560	From 1988-10-23
Garnes Mountain	GMI	Idaho,U.S.A.	43.7065N	111.3430W	2630	From 1974-06-01 to 1980-07-24
Garni	GNI	Armenia	40.1495N	44.7414E	1583	From 1992-01-01
Garraf	CGAR	Spain	41.2944N	1.1339E	584	
Garret Mountain	GMTN	New Jersey,U.S.A.	40.8825N	74.1845W	165	From 1978-04-25
Garrison	GARN	New York,U.S.A.	41.3603N	73.9240W	207	
Garrison Hill	GHW	Washington,U.S.A.	47.0417N	122.2720W	268	From 1975-09-24
Garrygala	GARG	Turkmenistan	38.4390N	56.2730E	315	
Garurganga	GARI	Uttar Pradesh,India	30.4525N	79.4445E	1500	From 1986-07-26
Garvey Reservoir	GVRG	California,U.S.A.	34.0500N	118.1190W	177	From 1987-10-08
Gasbuggy	GB-NM	New Mexico,U.S.A.	36.6869N	107.2261W	2164	
Gaspe, Quebec	GASG	Quebec	48.9463N	66.1161W	261	From 2005-10-25
Gateway	GACO	Colorado,U.S.A.	38.6844N	108.9737W	1414	
Gauribidanur Array	GBA	Karnataka,India	13.6042N	77.4361E	686	From 1965-01-01
Gavdhos	GVD	Crete,Greece	34.8391N	24.0874E	180	
Gavdhos	GAVD	Crete,Greece	34.8432N	24.0862E	175	
Gavdos	GVDS	Crete	34.8435N	24.0902E	164	From 2007-05-01
Gavin Park	CGPM	California,U.S.A.	37.6453N	122.0100W	366	
Gaylord	GY-MN	Minnesota,U.S.A.	44.5047N	94.0547W	305	From 1962-07-05 to 1962-07-11
Gaylord	GY-	Minnesota,U.S.A.	44.5047N	94.0547W	305	From 1962-07-05 to 1962-07-11
Gaynekanda	GNKN	Nepal	28.6330N	81.3310E	1334	
Gaziantep	GAZ	Turkey	37.1721N	37.2113E	864	From 1989-07-01
Gaziantep	SOFT	Turkey	37.1278N	37.3458E	1209	From 1998-02-11 to 2002-08-07
Gaziantep	GZT	Turkey	37.3553N	37.5641E	1446	From 2002-03-01
Gaziantep	GZTT	Turkey	37.0361N	37.3125E	850	From 1992-01-01
Gazipasa	GAZI	Turkey	36.2347N	32.3157E	394	From 2008-03-06
Gazvin	IGZV	Iran	36.3859N	50.2184E	2400	From 1996-01-01
Gebbies Pass	GPZ	South Island,New Zealand	43.6964S	172.6440E	225	From 1956-11-01 to 1977-10-31

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Gebel Alisa	AGAL	Egypt	23.4285N 32.8255E		
Gebel Marawa	AGMR	Egypt	23.5377N 32.5405E		
Gebel Rewraw	AGRW	Egypt	23.6450N 32.8097E		
Gebze	GBE	Turkey	40.8186N 29.4222E	240	From 1979-12-01 to 1999-08-25
Gebze	GBZT	Turkey	40.7889N 29.4450E	184	
Gedeh	GED	Jawa,Indonesia	7.8333S 113.8330E		
Gedikpinar	GEDT	Turkey	39.9737N 29.7232E	700	From 1994-01-01
Gediz	GDZ	Turkey	39.0888N 29.4811E	1367	From 2005-01-17
Geehi	GEE	New South Wales,Australia	36.4197S 148.1830E	480	From 1958-01-01 to 1968-12-31
Gees Lookout	GEEES	Tasmania,Australia	41.4453S 147.1236E		
Gegechkori	GEG	Georgia	42.3500N 42.3833E	180	From 1957-01-01
Gemlik	GEMT	Turkey	40.4350N 29.1890E	220	From 2006-07-07
Gemona	GMNA	Italy	46.2750N 13.2369E	270	
General Santos	GTP	Mindanao,Philippines	6.1333N 125.2167E		
General Santos City	GSPH	Mindanao,Philippines	6.0870N 124.9490E	1050	
Geneseo	GENY	New York,U.S.A.	42.7670N 77.8170W	0	From 2001-10-27 to 2007-07-02
Genoa	GEN	Italy	44.4181N 8.9301E	54	
Genoa	GNO	Nevada,U.S.A.	38.9292N 119.8530W	1646	
Genova University	GENL	Italy	44.4057N 8.9697E	80	From 1995-09-01
Genta-Ana	GENH	Iburi,Japan	42.5513N 140.8532E	150	
Gentilly	GNT	Quebec,Canada	46.3628N 72.3722W	10	From 1978-04-06
Gentvishi	GTS	Georgia	43.3828N 41.2820E	740	From 2006-09-01
Geochang	KSKCH	South Korea	35.6140N 127.9188E	420	From 2006-12-30
Geochang	KSKUC	South Korea	35.6676N 127.9079E	220	From 2000-02-24
Geological Survey, Reston	GSR	Virginia,U.S.A.	38.9479N 77.3696W	119	From 1975-06-01
Geophysical Institute, University of Alaska	GIA	Alaska,U.S.A.	64.8600N 147.8350W	158	From 1969-06-01 to 1971-01-31
Georgetown	GEO	District of Columbia,U.S.A.	38.9000N 77.0667W	29	From 1911-01-01
Georgetown	GTD	Delaware,U.S.A.	38.7414N 75.4144W	15	From 1977-01-01 to 1999-01-31
Georgetown Playfield ANSS-SMO	GTWN	Washington	47.5512N 122.3220W	25	From 2004-08-01
Gerardton	GTO	Ontario,Canada	49.7450N 86.9617W	350	
Gerania Oros	MGER	Greece	37.9860N 23.2602E	600	
GERESS Array Beam Reference Point	GERES	Bayern,Germany	48.8451N 13.7016E	1137	
GERESS Array Site A0	GEA0	Bayern,Germany	48.8368N 13.7019E	1027	
GERESS Array Site A1	GEA1	Bayern,Germany	48.8363N 13.7039E	1009	
GERESS Array Site A2	GEA2	Bayern,Germany	48.8386N 13.7018E	1059	
GERESS Array Site A3	GEA3	Bayern,Germany	48.8350N 13.7000E	1017	
GERESS Array Site B1	GEB1	Bayern,Germany	48.8389N 13.7075E	1015	
GERESS Array Site B2	GEB2	Bayern,Germany	48.8395N 13.6986E	1092	
GERESS Array Site B3	GEB3	Bayern,Germany	48.8369N 13.6960E	1058	
GERESS Array Site B4	GEB4	Bayern,Germany	48.8327N 13.6989E	1006	
GERESS Array Site B5	GEB5	Bayern,Germany	48.8346N 13.7059E	976	
GERESS Array Site C1	GEC1	Bayern,Germany	48.8412N 13.7099E	1027	
GERESS Array Site C2	GEC2	Bayern,Germany	48.8451N 13.7016E	1137	
GERESS Array Site C3	GEC3	Bayern,Germany	48.8424N 13.6917E	1075	
GERESS Array Site C4	GEC4	Bayern,Germany	48.8352N 13.6875E	1103	
GERESS Array Site C5	GEC5	Bayern,Germany	48.8296N 13.6957E	1009	
GERESS Array Site C6	GEC6	Bayern,Germany	48.8268N 13.7091E	942	
GERESS Array Site C7	GEC7	Bayern,Germany	48.8354N 13.7145E	986	
GERESS Array Site D1	GED1	Bayern,Germany	48.8518N 13.7148E	1060	
GERESS Array Site D2	GED2	Bayern,Germany	48.8532N 13.6964E	999	
GERESS Array Site D3	GED3	Bayern,Germany	48.8465N 13.6818E	949	
GERESS Array Site D4	GED4	Bayern,Germany	48.8386N 13.6796E	1039	
GERESS Array Site D5	GED5	Bayern,Germany	48.8246N 13.6807E	1085	
GERESS Array Site D6	GED6	Bayern,Germany	48.8194N 13.6966E	1083	
GERESS Array Site D7	GED7	Bayern,Germany	48.8209N 13.7159E	959	
GERESS Array Site D8	GED8	Bayern,Germany	48.8332N 13.7261E	938	
GERESS Array Site D9	GED9	Bayern,Germany	48.8434N 13.7238E	987	From 1992-01-01
Gerfalco	GRFL	Italy	43.1475N 10.9764E	770	
Gerlach	N07A	Nevada,U.S.A.	40.7721N 118.9716W	1305	From 2006-02-21 to 2006-04-27
Gerlach	N07B	Nevada,U.S.A.	40.7797N 118.9711W	1302	From 2006-04-27 to 2008-03-18
Germantown	GERM	New York,U.S.A.	42.1570N 73.8113W	88	
Germi	GRMI	Iran	38.8100N 47.8940E	1300	From 2004-08-01
Geronimo	Z18A	Arizona,U.S.A.	33.0851N 110.0362W	812	From 2007-03-09
GE Springer Mine, Mill City	N08A	Nevada,U.S.A.	40.7811N 118.1337W	1492	From 2006-02-15 to 2008-03-20
Gevers	GAUS	Turkmenistan	37.9320N 58.9100E	148	
Geyser Peak	GGPM	California,U.S.A.	38.7647N 122.8440W	1054	From 1975-04-18
Geysers	GDXM	California,U.S.A.	38.8077N 122.7940W	931	
Gezan	GEZ	Tajikistan	39.4000N 67.7000E		
Ghaleghazi	IGHZ	Iran	34.3297N 46.5686E	2090	From 2004-01-01
Ghanteswor	GHAN	Nepal	29.1800N 80.6300E	2450	From 1995-01-01
Ghardimaou	GHAT	Tunisia	36.4958N 8.3048E	400	
Gharib	GRB	Egypt	28.2705N 32.7859E	465	
Gharyan	GHAR	Libya	32.1220N 13.0863E	709	
Ghdames	LGHD	Libya	30.0167N 9.4422E	600	
Ghir-Karzin	GHIR	Iran	28.2855N 52.9867E	1200	From 2004-05-11
GHOM	GHVR	Iran	34.4800N 51.2950E	924	From 2007-05-01
Ghuzeima	GHZJ	Jordan	30.5300N 36.3250E	1048	From 1990-01-12
Gibalbin	GIBL	Spain	36.8301N 5.9674W	374	
Gibilmanna	GIB	Sicily,Italy	37.9894N 14.0267E	1000	
Gifford Fjord, Baffin Island, Nunavut	GIFN	Northwest Territories	69.9945N 81.6380W	92	From 2005-08-19
Gifu	GIF	Gifu,Japan	35.3983N 136.7650E	13	
Gilahina Butte	GLB	Alaska,U.S.A.	61.4418N 143.8100W	845	From 1973-08-25
Gila River Indian Community, Laveen	Z15A	Arizona,U.S.A.	33.2893N 112.1581W	318	From 2007-04-14
Gilbert	GBT	Nevada,U.S.A.	38.1630N 117.6840W	2137	
Gilbert Hill	GHI	Idaho,U.S.A.	46.4702N 116.3190W	920	From 1971-10-01 to 1976-01-14
Gilboa	GILB	New York,U.S.A.	42.4230N 74.4527W	335	
Gileppe	GIP	Belgium	50.5922N 5.9742E		
Giles	GLS	Western Australia,Australia	25.0353S 128.2960E	600	From 1974-10-01 to 1978-04-11
Gilhagi	IGIL	Iceland	66.0770N 16.3510W	134	From 1993-10-23
Gilleleje	GID	Europe	56.1270N 12.1788E	10	
Gillis	GILR	Nevada,U.S.A.	38.7313N 118.5347W	1676	
Gilmore Creek	GIL	Alaska,U.S.A.	64.9750N 147.4950W	350	
Gilmore Dome	GLM	Alaska,U.S.A.	64.9873N 147.3890W	820	From 1968-08-01
Gilmore Dome	GLN	Alaska,U.S.A.	64.9873N 147.3890W	820	From 1968-08-01
Gilroy Hot Springs	GHS	California,U.S.A.	37.0958N 121.4470W	778	From 1971-09-03
Gilroy Springs	HGSM	California,U.S.A.	37.0958N 121.4470W	778	From 1971-09-03
Gilroy West	HGWM	California,U.S.A.	37.0170N 121.6530W	131	From 1975-10-02
Gimel	GIMEL	Switzerland	46.5335N 6.2651E	1130	
Ginetes	SET2	Azores,Portugal	37.8435N 25.8066W	525	From 1998-09-01
Gippayama	GPY	Nagano,Japan	36.3944N 138.5000E	2033	
Giralia	GIRL	Western Australia,Australia	22.6430S 114.2340E	111	
Girardeau Bridge	CBMO	Missouri,U.S.A.	37.3036N 89.5236W	102	
Girdled Road	CGRR	Ohio,U.S.A.	41.6787N 81.1418W	334	
GIRESUNGRSN	GRSN	Turkey	40.9244N 38.2681E	536	From 2005-08-09
Girifalco	GRI	Italy	38.8221N 16.4200E	510	
Girl Scout Camp	GSCY	New York,U.S.A.	41.2661N 74.0039W	110	
Gisborne	GNZ	North Island,New Zealand	38.6442S 178.0230E	30	From 1963-07-01
Gissar	GIS	Tajikistan	38.4667N 68.5667E		
Giuliano Di Roma	GIUL	Italy	41.5583N 13.2546E	566	From 2002-06-12
Giurgulesti	GIUM	Moldova	45.4850N 28.2081E	106	From 2007-07-27
Giv'at Hamore	GVMR	Israel	32.6200N 35.3700E	90	From 1991-12-01
Givet	GIVF	Nord-Pas-de-Calais,France	50.1022N 4.8233E	295	From 1996-04-03
Gizo	GIZ	Solomon Islands	8.0986S 156.8420E	20	
Glacier Island	GLC	Alaska,U.S.A.	60.8907N 147.0720W	3	From 1972-07-24 to 1984-09-17
Glacier Island	GLI	Alaska,U.S.A.	60.8797N 147.0940W	429	From 1984-09-18
Glacier Lake	GLK	Washington,U.S.A.	46.5639N 121.6090W	1320	
Glacier Peak	GC-WA	Washington,U.S.A.	48.1622N 121.2822W	671	From 1962-11-08 to 1962-12-12
Glacier Peak	GC-	Washington,U.S.A.	48.1622N 121.2822W	671	From 1962-11-08 to 1962-12-12
Glacier Shelter	GSZ	North Island,New Zealand	39.2778S 175.5870E	2600	From 1976-07-01 to 1984-03-31
Gladstone	GLAD	Tasmania,Australia	40.9844S 148.0086E	146	
Gladstone Stream	GSP	South Island,New Zealand	44.1336S 170.0180E	840	From 1975-01-01 to 1978-04-30
Glafira	VGL	Greece	39.4456N 22.8842E	424	From 1982-10-01
Glamis	GLA	California,U.S.A.	33.0520N 114.8270W	627	From 1966-12-20
Glashutten	GHA	Austria	47.4625N 16.3881E	500	
Glass	GLST	Missouri,U.S.A.	36.2691N 89.2877W	122	
Glass	GLAT	Tennessee,U.S.A.	36.2694N 89.2876W	120	
Glehn	BA17	Nordrhein-Westfalen	51.2516N 6.3657E	65	From 2006-10-01
Glen Almond	GAC	Quebec,Canada	45.7033N 75.4783W	62	From 1979-10-26
Glen Avon	GAV	California,U.S.A.	34.0225N 117.5120W	289	From 1976-01-01

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Glenbawn Bedrock	GBBM	New South Wales,Australia	32.0925S 150.9725E	275	
Glenbawn Dam	GBAM	New South Wales,Australia	32.1114S 150.9993E	293	
Glen Canyon	GCA	Arizona,U.S.A.	36.9736N 111.5931W	1339	From 1960-08-01 to 1999-08-25
Glen Canyon Dam (NPS), Page	T16A	Arizona,U.S.A.	36.9839N 111.5060W	1177	From 2007-03-17
Glen Cove	GCY	New York,U.S.A.	40.8583N 73.6300W	43	From 1965-02-01
Glendale	K02A	Oregon,U.S.A.	42.7667N 123.4898W	963	From 2006-05-26 to 2007-11-28
Glendive	GI-MA	Montana,U.S.A.	47.1928N 104.2194W	732	From 1963-07-17 to 1964-08-05
Glendive	GI-	Montana,U.S.A.	47.1928N 104.2194W	732	From 1963-07-17 to 1964-08-05
Glenfield	GFW	South Island,New Zealand	41.4567S 173.8310E	230	
Glenifferbraes	PGBU	Scotland,United Kingdom	55.8115N 4.4837W	199	
Glenmaggie	GLMM	Victoria,Australia	37.9020S 146.7990E	160	From 1990-01-01 to 1991-01-01
Glenmuick	GLE	South Island,New Zealand	42.9000S 173.1500E	75	
Glenneis Creek Dam	GLNM	New South Wales,Australia	32.3662S 151.2464E	160	
Glenroy	BGRQ	Queensland,Australia	20.5492S 147.1050E	160	From 1981-02-16
GlenSIDE	GLEN	South Australia	34.9435S 138.6310E	70	From 2001-08-02
Glenview	GGLM	California,U.S.A.	38.8967N 122.7760W	893	From 1975-04-18
Glihisar (BURDUR)	GLHS	Turkey	37.1560N 29.4983E	1100	From 2005-04-08
Globe	GE-AZ	Arizona,U.S.A.	33.7756N 110.5281W	1475	From 1964-04-09 to 1965-10-04
Globe	GE-	Arizona,U.S.A.	33.7756N 110.5281W	1475	From 1964-04-09 to 1965-10-04
Glory Hole Creek	GHO	Alaska,U.S.A.	61.7722N 148.9240W	1021	From 1984-09-11
Gloucester	GLO	Massachusetts,U.S.A.	42.6403N 70.7272W	15	From 1975-08-01
Gloversville	GLOV	New York,U.S.A.	43.0895N 74.3320W	292	
Glow Worm Lake	GLWN	Northwest Territories,Canada	64.7253N 109.3304W	449	
Glumsstadir	IGLU	Iceland	64.9806N 15.0854W	115	From 2005-11-01
Gnjilane	GJK	Montenegro	42.4605N 21.4359E	589	From 2008-07-01
Gnome	GN-	New Mexico,U.S.A.	32.2625N 103.8569W	1036	From 1962-01-08 to 1962-02-15
Gnome	GN-NM	New Mexico,U.S.A.	32.2625N 103.8569W	1036	From 1962-01-08 to 1962-02-15
Gnosjoe	GNOU	Sweden	57.2900N 13.7560E	280	From 2006-10-09
Goa	GOA	Goa, Daman and Diu,India	15.4917N 73.8247E	58	From 1964-06-06
Go??abunga	IGOD	Iceland	63.6598N 19.3224W	1200	From 2006-09-06
Goat Mountain	GT2	Oregon,U.S.A.	45.1556N 122.2710W	823	From 1985-09-01
Goat Mountain	VGTM	Oregon,U.S.A.	45.1498N 122.2650W	993	
Gobbelet	GOBY	New York,U.S.A.	41.3294N 73.9219W	150	
Gobu	GOBA	Azerbaijan	40.4010N 49.7330E	183	From 2003-08-01
Godfrey	GOGA	Georgia,U.S.A.	33.4112N 83.4666W	150	From 1993-03-16
Godhavn	GDH	Greenland	69.2500N 53.5333W	23	
Gofitskoye	GOF	Stavropol'skiy Kray,Russia	45.0580N 43.0340E	294	From 1994-03-19
Goheung	KSKOH	South Korea	34.6090N 127.2733E	53	From 2000-02-10
Golan-Tel Qazir	GLH	Israel	32.7140N 35.6500E	330	From 1986-06-26
Gold Coast Sofrock	GC2	Queensland,Australia	28.1364S 153.4539E	60	
Gold Cst Hrdrock	GC1	Queensland,Australia	27.9487S 153.3618E	60	
Golden	GOL	Colorado,U.S.A.	39.7003N 105.3711W	2359	From 1961-12-21 to 1999-08-25
Golden	GLD	Colorado,U.S.A.	39.7493N 105.2201W	1762	From 1974-01-01
Golden	GNM	New Mexico,U.S.A.	35.2496N 106.1930W	2417	From 1976-01-01
Goldendale	F06A	Washington,U.S.A.	45.7664N 120.7817W	577	From 2006-08-26 to 2008-03-28
Goldfield	GF-NV	Nevada,U.S.A.	37.9175N 117.2017W	1707	From 1963-02-08 to 1963-03-29
Goldfield	GF-	Nevada,U.S.A.	37.9175N 117.2017W	1707	From 1963-02-08 to 1963-03-29
Goldfield	S09A	Nevada,U.S.A.	37.7243N 117.2246W	1767	From 2006-04-12 to 2008-03-24
Gold Hill	GHC	California,U.S.A.	35.8310N 120.3530W	433	From 1968-03-21
Gold Hill	GHIB	California,U.S.A.	35.8323N 120.3473W	330	
Gold Hill	PK1	California,U.S.A.	35.8310N 120.3530W	433	From 1968-03-21
Gold Hill	PGHM	California,U.S.A.	35.8310N 120.3530W	433	From 1968-03-21
Gold King Creek	GKC	Alaska,U.S.A.	64.1787N 147.9350W	490	From 1976-07-01
Gold Mountain	GMN	Nevada,U.S.A.	37.3004N 117.2598W	2169	From 1979-07-13
Gold Mountain	GMW	Washington,U.S.A.	47.5479N 122.7860W	506	From 1970-02-27
Gold River	GDR	British Columbia,Canada	49.7810N 126.0320W	100	From 1978-08-04
Gold Rush Inn	AGIM	California,U.S.A.	38.8447N 120.9810W	305	From 1976-01-28
Goldstone	GSC	California,U.S.A.	35.3018N 116.8058W	1000	From 1961-11-07
Goldstream Park	GSTB	British Columbia,Canada	51.6600N 118.6850W	1340	
Goldstream Valley	GSV	Alaska,U.S.A.	64.9216N 147.9370W	302	
Goldstream Valley	GSVT	Alaska,U.S.A.	63.3372N 142.9821W	497	
Golhisar	GOLH	Turkey	37.2369N 29.5611E	1090	From 2005-03-25
Golis@ 17e	GOLS	Slovenia	46.0108N 15.6245E	559	
Golpazari	GLP	Turkey	40.2889N 30.3094E	560	From 1970-07-01
Golpazari	GPA	Turkey	40.2889N 30.3094E	560	From 1970-07-01
Goma	GOM	Congo (Kinshasa)	1.6810S 29.2270E	1470	
Gonabad	GNKF	Iran	34.5000N 58.4000E	0	
Gonen	GET	Turkey	40.1083N 27.5667E	590	From 1978-09-01 to 1984-03-31
Gonen-Balikesir	GONE	Turkey	40.0466N 27.6860E	142	From 2008-06-27
Gongen	GON	Kagoshima,Japan	31.5825N 130.6858E	270	
Gongju	KSKOJ	South Korea	36.4706N 127.1446E	100	From 2006-12-30
Gonzales	VGZ	British Columbia,Canada	48.4139N 123.3240W	68	From 1982-03-23
Goochland	GHV	Virginia,U.S.A.	37.7942N 78.1073W	107	From 1978-10-10
Goodnow Flow	GNF	New York,U.S.A.	43.9152N 74.2302W	107	From 1983-10-01
Goodsprings	V11A	Nevada,U.S.A.	35.8384N 115.4305W	1117	From 2006-06-16
Goonhilly	CGH1	England,United Kingdom	50.0507N 5.1649W	97	From 1981-01-01
Gorafe	GORA	Spain	37.4805N 3.0398W	895	
Gordon	GO-NB	Nebraska,U.S.A.	42.6328N 102.2739W	1097	From 1962-12-28 to 1963-03-21
Gordon	GO-	Nebraska,U.S.A.	42.6328N 102.2739W	1097	From 1962-12-28 to 1963-03-21
Gordon Butte	VGBM	Oregon,U.S.A.	45.5157N 120.7780W	729	
Gordon Butte	VGB	Oregon,U.S.A.	45.5157N 120.7780W	729	
Gorelyy	GRL	Kamchatskaya Oblast',Russia	52.5519N 158.0733E	1250	
Gorenja Brezovica	GBAS	Slovenia	45.9348N 14.4423E	538	
Gori	GOR	Georgia	41.9855N 44.1088E	648	From 1932-01-01
Goris	GRS	Armenia	39.5000N 46.3333E	1399	From 1951-01-01
Gorje	GRJ	Slovenia	46.3833N 14.0833E	600	
Gorjuse	GORS	Slovenia	46.3170N 13.9950E	1086	From 2004-07-01
Gorka Klasztorna	GKP	Poland	53.2697N 17.2367E	115	From 2004-05-28
Gorkha	GKN	Nepal	28.0030N 84.6370E	1478	From 1983-07-01
Gornja Briga	GBRS	Slovenia	45.5311N 14.8101E	610	From 2007-04-05
Gornji Cirkik	GCIS	Slovenia	45.8672N 15.6275E	320	From 2003-08-11
Gorny	GOY	Sakhalinskaya Oblast',Russia	44.9167N 147.5670E	450	
Gorny	GRNR	Khabarovskiy Kray,Russia	50.7690N 136.4220E	450	
Goroka	GKA	Papua New Guinea	6.0583S 145.3920E	1634	From 1970-03-01 to 1972-11-22
Goroka	GRK1	Papua New Guinea	6.0700S 145.3940E	1695	
Goroka	GRK	Papua New Guinea	6.0756S 145.3950E	1579	From 1968-01-25 to 1970-03-12
Gorontalo	GTOI	Moluccas	0.6358N 123.0105E	0	From 2005-01-01
Gorron	GRR	Pays de la Loire,France	48.3883N 0.8583W	220	
Gosan	KSGOS	South Korea	33.2938N 126.1628E	71	From 2002-10-29
Gosnell	GNAR	Missouri,U.S.A.	35.9652N 90.0178W	71	
Gosnell High Sch.	GSAR	Missouri,U.S.A.	35.9618N 89.9694W	0	
Goteborg	GOT	Sweden	57.6983N 11.9783E	66	
Goteborg	NE01	Sweden	57.8010N 12.1320E	55	From 1983-02-01 to 1986-01-31
Gotemba	GTN	Shizuoka,Japan	35.3167N 138.9330E	50	
Gotland	GOTU	Sweden	57.6855N 18.5700E	55	From 2002-03-05
Gotsu	JGT	Shimane,Japan	35.0287N 132.3343E	50	
Gottingen	GTT	Niedersachsen,Germany	51.5464N 9.9642E	272	From 1899-01-01 to 2005-06-17
Gould Hall	GOU	Alaska,U.S.A.	61.1892N 149.8000W	71	From 1994-08-01
Goura	GUR	Greece	37.9363N 22.3423E	1081	From 2006-04-12
Gourbit	GRBF	Midi-Pyrenees,France	42.8413N 1.5367E	878	From 1989-01-01
Govalcot	GOV	Maharashtra,India	17.5400N 73.4883E	1	
Gowland Point	GOWB	British Columbia,Canada	48.7369N 123.1848W	29	
Goyruk	GYN	Turkey	40.3533N 30.7264E	1279	From 1991-01-01 to 1993-09-01
Gozaisho	GZS	Mie,Japan	35.0153N 136.4260E	1150	From 1963-10-01 to 1965-12-31
Gozaisho	GOZ	Mie,Japan	35.0153N 136.4260E	1150	From 1963-10-01 to 1965-12-31
Grace West	PGWM	California,U.S.A.	35.1838N 120.6270W	148	
Graciosa	PGRA	Azores,Portugal	39.0293N 27.9813W	245	
Graesoe	GRAU	Sweden	60.3342N 18.5396E	100	From 2001-12-19
Grafenberg	GG-GR	Bayern,Germany	49.6922N 11.2153E	384	From 1965-03-02
Grafenberg	GRFO	Bayern,Germany	49.6909N 11.2203E	384	From 1978-10-01
Grafenberg Ar.	GG-	Bayern,Germany	49.6922N 11.2153E	384	From 1965-03-02
Grafenberg Ar.	SB-	Bayern,Germany	49.6919N 11.2217E	500	From 1965-03-02
Grafenberg Array	GRC1	Bayern,Germany	48.9960N 11.5220E	512	From 1979-09-01
Grafenberg Array	GRA1	Bayern,Germany	49.6919N 11.2217E	500	From 1976-03-01
Grafenberg Array	GRA2	Bayern,Germany	49.6550N 11.3600E	512	From 1976-03-01
Grafenberg Array	GRA3	Bayern,Germany	49.7623N 11.3193E	455	From 1976-03-01
Grafenberg Array	GRA4	Bayern,Germany	49.5655N 11.4359E	503	From 1978-01-01
Grafenberg Array	GRB1	Bayern,Germany	49.3922N 11.6537E	494	From 1978-01-01
Grafenberg Array	GRF	Bayern,Germany	49.6919N 11.2217E	500	From 1965-03-02

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Grafenberg Array	GRB2	Bayern,Germany	49.2712N	11.6691E	552
Grafenberg Array	GRB3	Bayern,Germany	49.3439N	11.8065E	517
Grafenberg Array	GRB4	Bayern,Germany	49.4688N	11.5615E	507
Grafenberg Array	GRB5	Bayern,Germany	49.1111N	11.6789E	525
Grafenberg Array	GRB6	Bayern,Germany	49.0870N	11.5270E	503
Grafenberg Array	GRB7	Bayern,Germany	48.8904N	11.5851E	438
Grafenberg Array	GRB8	Bayern,Germany	48.8680N	11.3750E	445
Grafenberg Array	GRB9	Bayern,Germany	48.8680N	11.3750E	445
Grafton	GFN	New York,U.S.A.	42.7928N	73.4153W	518
Grahamstown	GRH	Cape Province,South Africa	33.3100S	26.5750E	558
Grahamstown	GRM	Cape Province,South Africa	33.3133S	26.5083E	610
Granada	NE14	Spain	37.1900N	3.5950W	774
Granastaor	IGRA	Iceland	65.9180N	17.5790W	24
Granbergs Dal	GBD	Sweden	59.4570N	14.5540E	150
Grand Ballon	GBF	Alsace,France	47.9027N	7.0990E	1350
Grand-Bara	GBR	Djibouti	11.1520N	42.4630E	625
Grand Bay	DGBT	Dominica	15.2390N	61.3290W	70
Grand Be	GBMF	Martinique	14.7973N	61.1648W	800
Grand Canyon	GCZA	Arizona,U.S.A.	36.0440N	112.1280W	
Grand Canyon West Ranch, Meadview	V13A	Arizona,U.S.A.	35.8522N	113.9840W	1402
Grand Cayman	GCM	Cayman Islands	19.2890N	81.3810W	5
Grand Coulee	GCV	Washington,U.S.A.	47.9414N	118.9800W	462
Grande Dixence	DIX	Switzerland	46.0805N	7.4108E	2400
Grande-Etoile	GELF	Provence-Cote d'Azur,France	43.3836N	5.4275E	550
Grandfather Mountain	GFM	North Carolina,U.S.A.	36.1110N	81.8070W	1726
Grand Junction	GJC	Colorado,U.S.A.	39.0906N	108.5269W	1445
Grand'Maison	GDM	Rhone-Alpes,France	45.2038N	6.1163E	1574
Grand Rapids	GP	Minnesota,U.S.A.	47.6644N	93.4894W	427
Grand Rapids	GP-MN	Minnesota,U.S.A.	47.6644N	93.4894W	427
Grand Remous	GRQ	Quebec,Canada	46.6067N	75.8600W	290
Grand Saline	GA-TX	Texas,U.S.A.	32.6569N	95.7044W	-86
Grand Saline	GA3TX	Texas,U.S.A.	32.6597N	95.7036W	-94
Grand Saline	GA2TX	Texas,U.S.A.	32.6581N	95.7036W	119
Grand Targee Resort	TARW	Wyoming,U.S.A.	43.7638N	110.9910W	2091
Grand Turk	GRTK	Turks and Caicos Islands	21.5115N	71.1327W	12
Grandview Point	GRAI	Idaho,U.S.A.	43.8093N	111.3360W	2231
Grand Wintersberg	GWF	Alsace,France	48.9775N	7.6219E	580
Grange	GNG	Trinidad and Tobago	11.1770N	60.7980W	36
Granges-Gontardes	GGF	Rhone-Alpes,France	44.3667N	4.7667E	110
Grangeville	F11A	Idaho,U.S.A.	45.8883N	116.1549W	1186
Granite Bay	GBY	Alaska,U.S.A.	60.4322N	147.9780W	495
Granite Butte	GBM	Montana,U.S.A.	46.8593N	112.4560W	2237
Granite Creek	GCC	California,U.S.A.	37.0300N	121.9970W	122
Granite Mountain	GMU	Utah,U.S.A.	40.5755N	111.7630W	1829
Granite Mountain	GMA	Alaska,U.S.A.	65.4287N	161.2320W	860
Granite Mountains Res. Center	GMRC	California	34.7800N	115.6600W	1326
Granite Pass	GRP	California,U.S.A.	34.8043N	115.6050W	1238
Granite Peak	LGRP	California,U.S.A.	40.9125N	122.8290W	1290
Graniteville	GVS	South Carolina,U.S.A.	33.5970N	81.8528W	100
Gran Sasso	IGS	Italy	42.4500N	13.5690E	1000
Grant Creek	GRCI	Idaho,U.S.A.	43.9667N	113.9890W	2341
Grantsville	GS	Maryland,U.S.A.	39.6189N	79.1833W	762
Grantsville	GS-MD	Maryland,U.S.A.	39.6189N	79.1833W	762
Grant Village	YPGV	Wyoming,U.S.A.	44.3808N	110.5453W	2430
Grant Village (NPS), Yellowstone Nt. Park	H17A	Wyoming,U.S.A.	44.3951N	110.5762W	2400
Grapevine	GWN	California,U.S.A.	36.9999N	117.3435W	844
Grapevine	GV	Texas,U.S.A.	32.8858N	96.9983W	152
Grapevine	GV-TX	Texas,U.S.A.	32.8858N	96.9983W	152
Grapevine Ranger Station, Death Valley	GRAC	California	37.0000N	117.3700W	689
Grass Mountain	GSM	Washington,U.S.A.	47.2032N	121.7940W	1305
Grass Mountain	VGMM	Oregon,U.S.A.	43.5923N	122.5460W	1561
Grassy Mountain	GMG	Georgia,U.S.A.	34.8627N	84.6703W	1097
Gratio	GRT	Tennessee,U.S.A.	36.2640N	89.4250W	137
Graus	EGRA	Spain	42.1952N	0.3160E	706
Grayback Hills BLM, Clive	N14A	Utah,U.S.A.	40.8513N	113.1867W	1325
Gray Butte	LGBM	California,U.S.A.	41.3452N	122.1940W	2304
Gray Hill	HGH	England,United Kingdom	51.6380N	2.8064W	210
Grayling	GLMI	North America,U.S.A.	44.8245N	84.6174W	387
Grayling	GRLA	Alaska,U.S.A.	62.9063N	160.0626W	31
Grayling Creek	GCR	Montana,U.S.A.	44.7962N	111.1060W	2075
Grays Lake	GRRI	Idaho,U.S.A.	42.9380N	111.4220W	2207
Graz	GRA	Austria	47.0767N	15.4483E	369
Gr delle femmine	EGFM	Sicily,Italy	37.8197N	15.0210E	1700
Great Barrier	GBZ	North Island,New Zealand	36.2178S	175.4810E	70
Great Rift	GTRI	Idaho,U.S.A.	43.2440N	113.2410W	1547
Great Sand Dunes National Park	SDCO	Washington,U.S.A.	37.7456N	105.5012W	2569
Great Sitkin	AD1	Alaska,U.S.A.	52.0233N	176.1520W	244
Great Sitkin Cape Kiugilik	GSCK	Alaska,U.S.A.	52.0119N	176.1620W	384
Great Sitkin Middle Yoke	GSMY	Alaska,U.S.A.	52.0432N	176.0563W	418
Great Sitkin Saddle Point	GSSP	Alaska,U.S.A.	52.0928N	176.1757W	295
Great Sitkin Teapot Rock	GSTR	Alaska,U.S.A.	52.0943N	176.0591W	536
Great Sitkin Triple Divide	GSTD	Alaska,U.S.A.	52.0559N	176.1447W	873
Great Whale R.	GWR	Quebec,Canada	55.2767N	77.7433W	20
Great Whale River	GWC	Quebec,Canada	55.2917N	77.7533W	8
Greaves Creek	GRVM	New South Wales,Australia	33.6618S	150.3091E	980
Greenback	GRBT	Tennessee,U.S.A.	35.6740N	84.1970W	329
Greenback	GBTN	Tennessee,U.S.A.	35.6660N	84.2110W	326
Green Bank	GBV	West Virginia,U.S.A.	38.4300N	79.8438W	826
Green Mountain	GNW	Washington,U.S.A.	47.5644N	122.8253W	165
Greenough	D14A	Montana,U.S.A.	47.0816N	113.5062W	1444
Green Peter	VGPM	Oregon,U.S.A.	44.4833N	122.5820W	1212
Greenpond	GPD	New Jersey,U.S.A.	41.0177N	74.4608W	360
Green River Community College BBO	GRCC	Washington	47.3116N	122.1807W	130
Greensboro	GBG	Georgia,U.S.A.	33.4985N	83.2112W	173
Greensboro	GBNC	North Carolina,U.S.A.	36.0678N	79.7450W	236
Green Top	GTTN	Tennessee,U.S.A.	35.8120N	83.6670W	917
Greenvale	GVL	Victoria,Australia	37.6186S	144.9006E	187
Green Valley	217A	Arizona,U.S.A.	31.7748N	110.8162W	1412
Green Valley Road	GVR	California,U.S.A.	38.2807N	122.2150W	257
Green Verdugo site,Sunland	DECC	California	34.2500N	118.3300W	519
Greenville	GRV	Missouri,U.S.A.	37.0533N	90.3950W	168
Greenville	GH-MS	Mississippi,U.S.A.	33.3292N	91.0353W	30
Greenwater Valley	GWV	California,U.S.A.	36.1860N	116.6689W	1556
Greenwater Valley	GWV	California,U.S.A.	36.1867N	116.6710W	1540
Greenwich	GWJ	Jamaica	18.0740N	76.7280W	1200
Greenwood	GWDE	Delaware,U.S.A.	38.8256N	75.6171W	19
Gregorio Matese	SGG	Italy	41.3867N	14.3788E	880
Grenada	GRE	Grenada	12.0470N	61.7460W	15
Grenada	LGRM	California,U.S.A.	41.6392N	122.4805W	780
Grenoble	GRN*	Rhone-Alpes,France	45.1833N	5.7000E	244
Grenoble	GRN	Rhone-Alpes,France	45.2425N	5.7452E	1040
Grenville	GRGR	Caribbean Sea	12.1324N	61.6540W	195
Gresham	PGO	Oregon,U.S.A.	45.4667N	122.4530W	237
Gresik	GRJI	Jawa	6.9145S	112.4793E	0
Gretna	GAN	Nebraska,U.S.A.	41.0214N	96.2469W	335
Greycliff	GCMT	Montana,U.S.A.	45.7912N	109.6672W	1530
Greymouth	GRY	South Island,New Zealand	42.4167S	171.2170E	4
Griffith Observatory	GOC	California,U.S.A.	34.1130N	118.3020W	347
Griffith Park	GFP	California,U.S.A.	34.1293N	118.3100W	
Grimsey	IGRI	Iceland	66.5420N	18.0100W	36
Grimsfjall	IGRF	Iceland	64.4070N	17.2670W	1710
Grimsstaoir	IGRS	Iceland	65.6380N	16.1240W	378
Grindavjökull	IGRV	Iceland	63.8572N	22.4558W	52
Grindstone Mountain	GROR	Oregon,U.S.A.	45.3513N	123.6620W	945
Grise Fiord	GFNU	Canada	76.4180N	82.8998W	12
Grit	GR2	Texas,U.S.A.	30.7864N	99.4161W	549
Grit	GR1TX	Texas,U.S.A.	30.7778N	99.3842W	518
Grit	GR2TX	Texas,U.S.A.	30.7864N	99.4161W	549
Grit	GRI*	Texas,U.S.A.	30.7778N	99.3842W	518
Griva	GRG	Greece	40.9567N	22.4014E	560

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Grizzlie Mountain	GMO	Oregon,U.S.A.	44.4391N	120.9560W	1689	
Grizzly Bear Lake	GBLN	Northwest Territories,Canada	64.1995N	112.9935W	392	
Grizzly Peak	GZU	Utah,U.S.A.	41.4255N	111.9750W	2646	
Grobnik	GFOS	Slovenia	46.4610N	15.5018E	930	
Groom Lake Road	GLR	Nevada,U.S.A.	37.1994N	116.0175W	1446	From 1975-11-20 to 2002-10-10
Groom Range	GMR	Nevada,U.S.A.	37.3338N	115.7725W	1580	From 1979-01-23 to 2002-10-10
Grossbuechelberg	MGBB	Bayern,Germany	49.9720N	12.2150E	650	From 2001-03-12
Grosses Roches	GSO	Quebec,Canada	48.9100N	67.1100W	398	From 1981-10-28
Grosshau	GSH	Nordrhein-Westfalen,Germany	50.7373N	6.3768E	370	From 1981-01-01
Grossmontoni	MOSI	Italy	46.6164N	10.5495E	1957	From 2006-12-13
Grota Negra	GRON	Azores	37.7680N	25.5333W	577	From 2006-08-10
Ground Zero	GZN	Nevada,U.S.A.	37.2360N	116.5160W		From 1965-01-01 to 1970-12-31
Ground Zero	ZOX	Nevada,U.S.A.	37.2360N	116.5160W		From 1965-01-01 to 1970-12-31
Grouse Hill	LGHM	California,U.S.A.	41.6115N	121.6210W	2146	
Grouse Mountain	KGMM	California,U.S.A.	40.7588N	123.6740W	1615	
Grover	GRX	Nevada,U.S.A.	39.6355N	117.9890W	1390	From 1980-01-01
Groznyy	GRO	Chechnya,Russia	43.3200N	45.7500E	123	
Grundy	GD-VA	Virginia,U.S.A.	37.3928N	81.9778W	366	From 1962-07-21 to 1962-10-05
Grundy	GD-	Virginia,U.S.A.	37.3928N	81.9778W	366	From 1962-07-21 to 1962-10-05
Gruta Xavier	XAVN	Nicaragua	12.1487N	86.3263W	160	
Gruga	GRUS	Serbia and Montenegro	43.8886N	20.7151E	273	
Gryon	GRYON	Switzerland	46.2505N	7.1111E	1300	
G??ttrup	GOET	Denmark	57.0350N	9.2250E	5	From 1977-01-01 to 1989-12-31
Guacamaya	GUAC	Venezuela	10.1920N	67.2711W	1359	From 1987-06-01
Guadalajara	GUM	Jalisco,Mexico	20.6794N	103.3242W	1567	
Guadalajara 2	GUM2	Jalisco,Mexico	20.6667N	103.3000W	1543	
Guadeloupe-1	LZG	Guadeloupe,Guadeloupe	16.1408N	61.7755W	116	From 1997-01-01
Guadeloupe-2	PHG	Guadeloupe,Guadeloupe	16.0146N	61.6426W	981	From 2004-03-30
Guadeloupe-3	TBG	Guadeloupe,Guadeloupe	15.8522N	61.6455W	78	From 2004-11-26
Guadalupe	PT03	Peru	13.9917S	75.7967W	400	
Guadalupe Mountain	GDL2	New Mexico,U.S.A.	32.2003N	104.3640W	1213	
Guadarrama	GUD	Spain	40.6430N	4.1540W	1393	From 1979-07-01
Guajares	EGUA	Spain	36.8337N	3.5654W	386	From 1991-01-10
Gualala	GGUM	California,U.S.A.	38.8565N	123.4980W	661	
Guallil	GUAL	Ecuador	3.0718S	78.8142W	3265	From 1994-07-21
Guam	GUA	Mariana Islands	13.5397N	144.9141E	287	From 1963-04-01
Guam	GUMO	Mariana Islands	13.5891N	144.8686E	99	From 1975-08-01
Guam	GUAM	Mariana Islands	13.4717N	144.7483E		From 1914-01-01 to 1944-12-31
Guam	GUAMO	Missouri,U.S.A.	36.8892N	89.8390W	172	
Guangzhou	CNT	Guangdong,China	23.0869N	113.3440E	11	
Guangzhou	GZH	Guangdong,China	23.0869N	113.3440E	11	
Guánica, Bosque Seco, PR	GBPR	Puerto Rico	17.9751N	66.8792W	161	From 2006-09-21
Guanoco	GUNV	Venezuela	10.1616N	62.9426W	60	
Guantanamo	GTMO	Cuba	20.0800N	75.1400W	0	
Guantanamo	GM-CU	Cuba	19.9669N	75.0872W	16	From 1963-11-19 to 1964-03-03
Guantanamo	GM-	Cuba	19.9669N	75.0872W	16	From 1963-11-19 to 1964-03-03
Guantanamo Bay	GTBY	Caribbean Sea,U.S.A.	19.9268N	75.1108W	79	
Guantanamo Bay	GBC	Cuba	19.9000N	75.1500W		
Guarapari	CAM3	Espirito Santo,Brazil	20.7288S	40.5222W	27	
Guarino	GUAR	Italy	41.7945N	13.3123E	741	From 2003-05-29
Guatemala Basin O.B.S. 2	GB02	Guatemala Basin,North Pacific Ocean	6.5569N	93.5519W	-3580	From 1979-05-01
Guatemala Basin O.B.S. 3	GB03	Guatemala Basin,North Pacific Ocean	7.8381N	94.3869W	-3730	From 1979-05-01
Guatemala Basin O.B.S. 4	GB04	Guatemala Basin,North Pacific Ocean	12.7400N	91.0161W	-5260	From 1979-06-01
Guatemala Basin O.B.S. 5	GB05	Guatemala Basin,North Pacific Ocean	12.6519N	90.9489W	-6010	From 1979-05-01
Guatemala Basin O.B.S. 6	GB06	Guatemala Basin,North Pacific Ocean	12.6939N	90.8519W	-5260	From 1979-06-01
Guatemala Basin O.B.S. 7	GB07	Guatemala Basin,North Pacific Ocean	12.7911N	90.9119W	-4460	From 1979-06-01
Guatemala Basin O.B.S. 8	GB08	Guatemala Basin,North Pacific Ocean	12.7169N	90.9369W	-5465	From 1979-05-01
Guatemala City	GCG	Guatemala	14.5862N	90.5328W	1502	From 1925-01-01
Guatemala OBS 1	GB01	Guatemala Basin,North Pacific Ocean	3.9981N	91.9981W	-2893	From 1979-05-01
Guayacanes	GUAY	Dominican Republic	18.4400N	69.4333W	0	
Guaymas	GYM	Sonora,Mexico	27.9100N	110.9520W	15	
Guba	GUB	Congo (Kinshasa)	10.6667S	26.4333E		
Guelma	CGMA	Algeria	36.4500N	7.4100E	336	
Guelma	CGUE	Algeria	36.4500N	7.4100E	336	
Guerrero	LLJ	Guerrero,Mexico	16.5642N	98.8847W		
Guerrero	CGG	Guerrero,Mexico	16.6750N	98.4575W	400	
Guia Canaria	GGC	Canary Islands,Spain	28.1197N	15.6367W	560	From 1984-11-01
Guildford	GILD	England,United Kingdom	51.2500N	0.5833W		
Guimar	GUI	Canary Islands,Spain	28.3208N	16.4405W	868	
Guinayangan	GQP	Philippines	13.9050N	122.4460E	50	
Guiria	GUJV	Venezuela	10.6470N	62.2230W	50	
Guiyang	HXI	Guizhou,China	26.4586N	106.6640E	1162	
Guiyang	KWA	Guizhou,China	26.4586N	106.6640E	1162	
Guiyang	GYA	Guizhou,China	26.4586N	106.6640E	1162	
Gukeng	WGK	Taiwan region	23.6860N	120.5620E	75	
Gulek	GULE	Turkey	37.2837N	34.7765E	1625	From 2006-12-01
Guler Mountain	GLULW	Washington,U.S.A.	45.9242N	121.5960W	1189	From 1986-07-31
Gulkana	GUL	Alaska,U.S.A.	62.2206N	145.4514W	600	From 1964-04-11 to 1964-05-07
Gulveren	GULT	Turkey	40.4323N	30.5150E	930	From 1993-01-01
Gumba	GUN	Nepal	27.9106N	85.8794E	2900	From 1985-03-01
Gum-Bashi	GUMR	Stavropol'skiy Kray,Russia	43.7756N	42.2472E	2312	
GUMI	KSGUM	South Korea	36.2347N	128.2902E	48	From 2006-12-30
Gumukmas	GMJI	Jawa	8.2732S	113.4441E	0	From 2007-12-01
Gumushane	GUMT	Turkey	40.4600N	39.4800E	1326	
Gundogdu	GDDT	Turkey	40.3397N	29.0213E	575	From 1994-01-01
Guneyli	GNYT	Turkey	40.5638N	29.2795E	585	From 1994-01-01
Gungliaw Township	TNGL	Taiwan region	25.0430N	121.9230E	12	From 2002-11-06
Gun Hill	BBGH	Caribbean Sea	13.1434N	59.5588W	180	
Gunib	GNBR	Dagestan,Russia	42.3889N	46.9639E	800	
Gunnerdssatern	GNN	Sweden	60.1336N	13.6956E	265	From 1969-01-01 to 1991-12-31
Gunsan	KSKUS	South Korea	36.0168N	126.8336E	58	From 2000-02-05
GUNSAN	KSGUS	South Korea	36.0371N	126.7819E	33	From 2006-12-30
Gun Site Peak	GSUT	Utah,U.S.A.	41.9063N	112.1210W	1783	From 1979-10-01 to 1980-07-31
Gunungsitoli	GSJ	Nias,Indonesia	1.3039N	97.5755E	107	
Gunzen	GUNZ	Sachsen,Germany	50.3635N	12.3316E	669	From 2000-12-16
Gura Zlata	GZR	Romania	45.3933N	22.7767E	850	From 1977-04-01
Guri	GUV	Venezuela	7.8086N	63.0974W	130	
Guri Network	GUV4	Venezuela	7.6083N	63.1017W	410	
Guri Network	GUV5	Venezuela	7.8944N	63.2120W	410	
Guri Network	GUV2	Venezuela	7.7816N	62.8176W	650	
Guri Network	GUV1	Venezuela	7.9478N	62.8554W	410	
Guri Network	GUV3	Venezuela	7.6009N	62.7614W	440	
Gusciola	GSCL	Italy	44.3506N	10.5878E	665	
Gusukube	JOGS	Ryukyu Islands,Japan	24.7600N	125.4063E	60	
Gutenstein	GUT	Baden-Wuerttemberg,Germany	48.0709N	9.1153E	647	From 1997-10-14
Gut Margartenhoehe	BD04	Nordrhein-Westfalen	50.9151N	6.5986E	80	From 2001-01-01
Guwahati	GWH	Assam,India	26.1500N	91.7300E		From 1982-12-01
Guyot Hills	GYO	Alaska,U.S.A.	60.1463N	141.4710W	183	From 1976-06-01
Guysborough	GBN	Nova Scotia,Canada	45.4078N	61.5128W	38	From 1983-05-03
Gvkgeada	GADA	Turkey	40.1909N	25.8986E	130	From 2006-07-06
Gvttingen	GTTG	Germany	51.5451N	9.9647E	279	From 2006-01-18
Gwangju	KSKWJ	South Korea	35.1599N	126.9910E	213	From 2000-12-13
Gweek	CGW	England,United Kingdom	50.1006N	5.2228W	9	From 1993-01-01
Gygjarholskot	IGYG	Iceland	64.2810N	20.2150W	119	From 1989-12-10
Gyula	GYL	Hungary	46.5981N	21.1718E	92	
Gyumri	GMZR	Armenia	40.1720N	45.7450E	2000	From 1945-01-01
Gyumri	GYMZ	Krasnodarskiy Kray,Russia	40.8100N	43.8310E	1560	
Gyzyletrek	GZLA	Turkmenistan	37.6750N	54.7650E	55	
G?zelcaml?	GCAM	Turkey	37.7002N	27.2335E	38	From 2007-05-22
HAARP	HARP	Alaska,U.S.A.	62.4076N	145.1550W	600	
Haboro	HAB	Rumoi,Japan	44.3833N	141.7000E		
Hachijo jima	HJJ	Bonin Islands,Japan	33.1017N	139.7880E	80	
Hachijo jima 2	HJJ	Bonin Islands,Japan	33.1192N	139.7833E	153	
Hachinohe	HAC	Aomori,Japan	40.5250N	141.5270E	28	
Hachinohe 2	HACJ	Aomori,Japan	40.3972N	141.5460E	230	From 1991-03-08
Hacho	HACH	Spain	37.1890N	4.1218W	1025	
Hacienda Drive	AHDM	California,U.S.A.	39.0483N	121.0765W	483	
Hadbat Hakran	HKNS	Saudi Arabia	22.6420N	41.7158E		
Haddam	HDM	Connecticut,U.S.A.	41.4858N	72.5232W	24	From 1974-12-23 to 1999-01-31

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Hadim	HDMB	Turkey	36.9640N	32.4860E	1946	From 2003-11-05
Hadley Quad	HAKY	Kentucky,U.S.A.	37.1057N	86.5849W	169	From 1987-06-26
HADONG	KSHAD	South Korea	35.0797N	127.7696E	60	From 2006-12-30
Haenam	KSHAN	South Korea	34.5727N	126.5693E	13	From 2001-09-08
Haflong	HLGA	Assam,India	25.1600N	93.0167E	662	From 1984-08-01
Hagersville	HGVO	Ontario,Canada	42.9607N	80.1264W	224	
Hagfors	HFS	Sweden	60.1335N	13.6945E	296	From 1969-01-01
Hagfors Array Site A1	HFSA1	Sweden	60.1383N	13.6955E	240	
Hagfors Array Site B1	HFSB1	Sweden	60.1382N	13.7011E	225	
Hagfors Array Site B2	HFSB2	Sweden	60.1431N	13.6988E	230	
Hagfors Array Site B3	HFSB3	Sweden	60.1433N	13.6884E	240	
Hagfors Array Site B4	HFSB4	Sweden	60.1384N	13.6860E	235	
Hagfors Array Site B5	HFSB5	Sweden	60.1351N	13.6935E	240	
Hagfors Array Site C1	HFSC1	Sweden	60.1344N	13.6968E	265	
Hagfors Array Site C2	HFSC2	Sweden	60.1335N	13.6973E	260	
Hagfors New Array Site A0	HFA0	Sweden	60.1420N	13.6850E	274	
Hagfors New Array Site A1	HFA1	Sweden	60.1444N	13.6846E	294	
Hagfors New Array Site A2	HFA2	Sweden	60.1406N	13.6806E	301	
Hagfors New Array Site A3	HFA3	Sweden	60.1405N	13.6896E	265	
Hagfors New Array Site B1	HFB1	Sweden	60.1482N	13.6824E	323	
Hagfors New Array Site B2	HFB2	Sweden	60.1421N	13.6729E	341	
Hagfors New Array Site B3	HFB3	Sweden	60.1370N	13.6820E	271	
Hagfors New Array Site B4	HFB4	Sweden	60.1384N	13.6943E	266	
Hagfors New Array Site B5	HFB5	Sweden	60.1467N	13.6964E	253	
Hagfors New Array Site C2	HFC2	Sweden	60.1335N	13.6945E	296	
Hagoal	HHAG	Egypt	29.9530N	32.0990E	477	
Hagol	HAGS	Egypt	24.3794N	34.9866E	293	
Hague Volcano	HAG	Alaska,U.S.A.	55.3171N	161.9042W	503	From 1996-07-01
Haha-jima-NKT	HAHJ	Bonin Islands,Japan	26.6297N	142.1780E	110	
Hahryggur	HAH	Iceland	64.1185N	21.2828W		
Haibara	HBR	Nara,Japan	34.5028N	135.9930E	390	
Haid-Arzbeg	MHAI	Bayern,Germany	50.0225N	12.1762E	550	From 2001-03-13
Haifa	HAF	Israel	32.7790N	35.0240E	179	
Ha'il	HILS	Saudi Arabia	27.3835N	41.7917E	1080	
Hailar	HIA	Nei Monggol Zizhiqu,China	49.2667N	119.7420E	610	From 1987-03-01
Hailey	HL-ID	Idaho,U.S.A.	43.6472N	114.2506W	1890	From 1961-10-14 to 1964-03-07
Hailey	HLID	Idaho,U.S.A.	43.5625N	114.4138W	1772	
Hailey	HL2	Idaho,U.S.A.	43.5618N	114.4149W		From 1964-03-01 to 1967-12-31
Hailey	HL2ID	Idaho,U.S.A.	43.5618N	114.4149W	1784	
Hailey	HL	Idaho,U.S.A.	43.6472N	114.2506W	1890	From 1961-10-14 to 1964-03-07
Haileybury School of Mines	HSMO	Ontario	47.3708N	79.6657W	306	From 2005-07-20
Hailstone	HLJ	Utah,U.S.A.	40.6103N	111.4000W	1926	From 1992-10-22
Haines Junction	HYT	Yukon Territory,Canada	60.8250N	137.5040W	1416	
Haiwee	HAI	California,U.S.A.	36.1367N	117.9470W	1150	From 1929-09-11 to 1965-10-27
Haiwee Spring South	HWSM	California,U.S.A.	36.1050N	117.7610W	1436	From 1975-09-26
Haiwee Spring S	HWSM	California,U.S.A.	36.1050N	117.7610W	1436	From 1975-09-26
Hajjah	HAJJ	Yemen	15.6990N	43.5990E	1650	From 1994-11-01
Hakkari	HKR	Turkey	37.5780N	43.7408E	1750	From 2004-06-18
HAKKARI	HAKT	Turkey	37.5579N	43.7071E	2153	From 2005-07-04
Hakodate	HAK	O shima,Japan	41.8150N	140.7583E	35	
Hakodate 2	HAKJ	O shima,Japan	41.8333N	140.7783E	80	From 1992-02-25
Hakui	JHJ	Ishikawa,Japan	36.9250N	136.7817E	35	
Halaksitan	HLJ	Djibouti	11.5965N	42.4323E	-75	From 1979-09-23
Haldarsvik	FHV	Faeroe Islands	62.2597N	7.0984W		
Haleakala	HLK	Hawaii,U.S.A.	20.7667N	156.2500W	2090	From 1958-09-01
Haleakala	HKL	Hawaii,U.S.A.	20.7106N	156.2590W	3051	From 1975-01-01
Hale Pohaku	HPU	Hawaii,U.S.A.	19.7808N	155.4580W	3396	From 1969-08-18
Halifax	HAL	Nova Scotia,Canada	44.6377N	63.5920W	64	From 1915-01-01
Halim	HALM	Morocco	31.7680N	9.4700W	0	
Hallabat	HLBJ	Jordan	31.3077N	36.3025E	827	From 1987-01-01
Halle	HLE	Sachsen-Anhalt,Germany	51.4979N	11.9569E	92	
Hallett	HTT	South Australia,Australia	33.4306S	138.9220E	708	From 1962-06-01
Halley Bay	HBA	Coats Land,Antarctica	75.5167S	26.6000W		
Hall Mountain, Copeland	A11A	Idaho,U.S.A.	48.9580N	116.3631W	1455	From 2006-10-10 to 2008-06-12
Halls	HALT	Tennessee,U.S.A.	35.9106N	89.3395W	85	
Hall's Lagoon	HLA	New South Wales,Australia	33.5226S	150.9160E	27	
Hallstavik	HVK	Sweden	60.0090N	18.5660E	20	From 1980-01-01 to 1991-12-31
Hamada	HMD	Shimane,Japan	34.8933N	132.0730E	21	
Hamaker Mountain	HAMO	Oregon,U.S.A.	42.0690N	121.9710W	1999	From 1993-10-06
Hamakita	JHMK	Shizuoka,Japan	34.8162N	137.7587E	-700	From 2002-01-01
Hamamatsu	HMM	Shizuoka,Japan	34.7067N	137.7233E	33	
Hamamatsu 2	HMMJ	Shizuoka,Japan	34.8558N	137.7215E	150	From 1989-03-25
Hambach	BD05	Nordrhein-Westfalen	50.9366N	6.4832E	90	From 2001-01-01
Hambach Funkstation	BD08	Nordrhein-Westfalen	50.8842N	6.5017E	114	From 2001-01-01
Hamburg	HMB	New York,U.S.A.	42.6545N	78.8525W	290	From 1971-09-01 to 1976-07-28
Hamburg	HAM	Hamburg,Germany	53.4651N	9.9248E	30	From 1905-01-01
Hamelton Butte	VHBM	Oregon,U.S.A.	42.7858N	121.3490W	1945	
Hamer Butte	HID	Idaho,U.S.A.	43.9631N	112.1640W	1527	From 1979-08-24 to 1999-08-25
Hamilton	HML	Ontario,Canada	43.2500N	79.8500W		
Hamilton	HMT	Alaska,U.S.A.	60.3365N	144.2610W	620	From 1977-06-01
Hamilton	HNY	New York,U.S.A.	42.8318N	75.5148W	500	From 1974-07-01 to 1978-08-31
Hamilton Opening	GHOM	California,U.S.A.	39.0444N	123.5400W	687	
Hamilton Ranch	HMR	California,U.S.A.	38.1547N	121.8003W	65	From 1971-04-29
Hamley Bridge	HML1	South Australia	34.4034S	138.5889E	73	From 2007-03-28
Hamman Mousa	HAMM	Egypt	28.2763N	33.5778E		
Hammer	RHAM	Bayern	47.8040N	12.7200E	799	From 2001-04-09
Hammernes	N1R5	Norway	66.3870N	14.0330E	62	
Hamra	HMRJ	Jordan	32.0450N	36.3110E	708	
Hamren	HMNA	Assam,India	25.9233N	92.6083E		From 1985-01-01
Hamta	HMTJ	Jordan	32.2208N	35.8122E	550	From 1983-09-01 to 1984-09-30
Hanceville	HVA	Alabama,U.S.A.	34.0264N	86.7692W	195	
Handcock Road	HRRZ	North Island	38.3919S	176.2836E	590	From 2007-03-23
Haney	HNB	British Columbia,Canada	49.2744N	122.5790W	185	From 1980-06-20
Haney	HYC	British Columbia,Canada	49.2656N	122.5730W	150	From 1975-09-01 to 1980-07-04
Hanford	HAN	Washington,U.S.A.	46.6033N	119.4670W	329	
Hanford	HAWA	Washington,U.S.A.	46.3925N	119.5326W	364	
Hanford Gable Butte	HGB	Washington,U.S.A.	46.5977N	119.4620W	165	
Hanimaadhoo	HMDM	Maldives	6.7731N	73.1822E	0	From 2008-01-22
Hanita	HNTI	Israel	33.0830N	35.1740E	301	
Hanksville Airport, Hanksville	R17A	Utah,U.S.A.	38.4187N	110.7109W	1357	From 2007-06-26
Hannah	HH2ND	North Dakota,U.S.A.	48.9442N	98.6822W	488	From 1966-05-23
Hannah	HH2	North Dakota,U.S.A.	48.9442N	98.6822W	488	From 1966-05-23
Hannah	HH-ND	Montana,U.S.A.	48.9481N	98.6925W	488	From 1963-07-22 to 1964-08-05
Hannah	HH-	Montana,U.S.A.	48.9481N	98.6925W	1100	From 1963-07-22 to 1964-08-05
Hanning Flat	WHFM	California,U.S.A.	35.6962N	118.3490W	902	
Hanno	JHU	Saitama,Japan	35.8517N	139.2817E	245	
Hanoi	HNV	Vietnam	21.0481N	105.7970E	6	
Hanover	HNH	New Hampshire,U.S.A.	43.7053N	72.2856W	180	From 1975-06-15
Hansel Valley	HVU	Utah,U.S.A.	41.7797N	112.7750W	1609	
Hans M'sky res	HMSA	South Africa	23.7288S	30.6680E	474	
Hanur-Agry	AGRB	Turkey	39.5755N	42.9920E	1820	From 2006-11-21
HAPCHEON	KSHAC	South Korea	35.5572N	128.1699E	33	From 2000-12-05
Happy Creek Ranch, Winnemucca	M08A	Nevada,U.S.A.	41.4483N	118.3792W	1288	From 2006-02-14 to 2008-04-02
Haql	HQL	Saudi Arabia	29.2700N	35.0469E	285	From 1986-01-01
Haql	HAQS	Saudi Arabia	29.0500N	34.9200E	320	
Harad	HRAD	Yemen	16.4167N	43.0500E	0	
Harads	HARU	Sweden	66.1635N	20.9752E	105	From 2006-09-19
Harbor Island ANSS-SMO	HART	Washington	47.5838N	122.3501W	2	From 2005-02-09
Harding Lake	HDA	Alaska,U.S.A.	64.4058N	146.9540W	450	From 1977-09-01
Hard Times	NEV	Nevis,Saint Kitts and Nevis	17.1361N	62.5710W	244	From 1980-07-09
Hardware Ranch	HRUT	Utah,U.S.A.	41.6073N	111.5650W	1720	
Hardware Ranch	HWUT	Utah,U.S.A.	41.6069N	111.5652W	1830	
Harich	HARI	Armenia	40.6080N	44.0000E	1980	From 1994-11-01
Harlan Ranch	PHAM	California,U.S.A.	35.8360N	120.3980W	455	
Harlequin Lake	HQN	Alaska,U.S.A.	59.4517N	138.8770W	372	From 1974-10-01
Harlowton	E18A	Montana,U.S.A.	46.5663N	109.9137W	1459	From 2007-09-14
Harmony Heights	HHI	Idaho,U.S.A.	46.4757N	116.1470W	636	From 1971-10-01 to 1974-07-15
Harness Mountain	HSO	Oregon,U.S.A.	43.5258N	123.0900W	1020	From 1990-09-20
Haroharo	HARZ	North Island,New Zealand	38.0911S	176.5019E	740	From 1992-06-15 to 2004-04-30

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Harold F. Ross	AHRM	California,U.S.A.	38.8543N	121.0700W	345	
Harre	HARN	Nepal	28.4200N	81.6700E	1230	From 1976-01-29
Harrisburg	HBAR	Arkansas,U.S.A.	35.5550N	90.6572W	74	
Harrisburg (Southeastern Illinois College)	HAIL	U.S.A.	37.7527N	88.4373W	123	
Harrisonburg	HBV	Virginia,U.S.A.	38.4383N	78.8725W	411	From 1971-06-01
Harrison Lake South	HLSB	British Columbia,Canada	49.2836N	121.7249W	18	
Harrison Mills	HRMB	British Columbia,Canada	49.2613N	121.9391W	3	
Harrison Substation	HAO	Oregon,U.S.A.	45.5092N	122.6567W	18	
Harris Ranch	HRC	California,U.S.A.	36.7700N	121.4130W	228	
Harsova	HARR	Romania	44.6900N	27.9310E	118	
Hartford	HAR	Connecticut,U.S.A.	41.7500N	72.6833W		From 1947-01-01 to 1954-12-31
Hartland	HTL	England,United Kingdom	50.9944N	4.4850W	91	From 1981-05-01
Harts Bluff	HBF	South Carolina,U.S.A.	32.9331N	80.3777W	10	From 1973-03-23
Harvard-Oak Ridge	HRV	Massachusetts,U.S.A.	42.5064N	71.5583W	180	From 1975-08-01
Harvey Farm, Monticello	S19A	Utah,U.S.A.	37.7459N	109.1366W	2059	From 2007-06-23
Hasanabad	IHSB	Iran	35.4406N	51.2823E	1098	From 1996-01-01
Hashikami	HSK	Iwate,Japan	40.4117N	141.5830E	355	
Hashim	HSJH	Jordan	29.4210N	35.4000E	1100	From 1989-09-04
Hashtroud	IHS	Iran	38.3067N	47.2633E	2170	From 1995-08-01
Hasliberg	HASLI	Switzerland	46.7568N	8.1511E	1280	
Hassan Addkhill	HAD	Morocco	31.9950N	4.4550W	1124	
Hassela	HASU	Sweden	62.1532N	16.6136E	100	From 2000-04-13
Hasselmere	SFH	England,United Kingdom	51.0604N	0.6912W	260	
Hastings	HAS	North Island,New Zealand	39.6333S	176.8830E	11	From 1931-01-01 to 1947-12-31
Hastings	HT	Minnesota,U.S.A.	44.8528N	92.8778W	274	From 1962-08-02 to 1962-10-05
Hastings	HT-MN	Minnesota,U.S.A.	44.8528N	92.8778W	274	From 1962-08-02 to 1962-10-05
Hastings State Park	BHSM	California,U.S.A.	36.3558N	121.5400W	646	From 1975-09-04
Hata	HATH	Aomori,Japan	41.3011N	140.9643E	180	
Hatay	HTY	Turkey	36.1212N	36.1378E	84	
Hatchie Coon Island	HCI	Arkansas,U.S.A.	35.6950N	90.3450W	67	
Hat Creek	LHCM	California,U.S.A.	40.8050N	121.5140W	1020	
Hat Creek Radio Observatory, Hat Creek	HATC	California,U.S.A.	40.8161N	121.4612W	1013	From 2005-05-19 to 2007-09-07
Hateruma jima	HATJ	Ryukyu Islands,Japan	24.0567N	123.8050E	15	From 1992-02-24
Hatgal	HTG	Mongolia	50.4600N	100.1700E	1680	
Hathaway	HAWT	Missouri,U.S.A.	36.2256N	89.6596W	81	
Hatillo	SDD06	Dominican Republic	19.0363N	70.2135W	240	
Hat Mesa	HTMS	New Mexico,U.S.A.	32.4725N	103.6340W	1192	From 1991-01-01
Hatta, Dubai	HATD	United Arab Emirates	24.8257N	56.1321E	340	From 2006-05-17
Hattorf	HAT	Hessen,Germany	50.8297N	9.9442E	-592	From 1980-01-01
Haudompre	HAU	Lorraine,France	48.0056N	6.3481E	577	
Hauti	HIZ	North Island,New Zealand	38.5147S	174.8554E	266	From 2004-02-09
Haukadalur	IHAU	Iceland	63.9690N	19.9650W	96	From 1989-12-08
Haulerwijk	HWF	Netherlands	53.0718N	6.3516E	6	
Haus	N2B5	Norway	61.9220N	5.5850E	30	
Hausen	HSND	Baden-Wurtemberg,Germany	48.3042N	9.1938E	709	From 1982-01-01
Hauterive	HTQ	Quebec,Canada	49.1917N	68.3939W	123	From 1982-04-15
Havelock North	HNZ	North Island,New Zealand	39.6833S	176.8830E	18	From 1947-01-01 to 1953-12-31
Haverah Park	HPK	England,United Kingdom	53.9581N	1.6241W	227	From 1978-01-01
Haverstraw	HAVE	New York,U.S.A.	41.2325N	74.1113W	268	
Havilah	WHVM	California,U.S.A.	35.5100N	118.5180W	1006	
Havilah	HAV	California,U.S.A.	35.5100N	118.5170W	990	From 1952-07-01 to 1952-09-04
Havirov	HAVC	Czech Republic	49.7630N	18.4770E	0	
Havre	HV	Montana,U.S.A.	48.4222N	109.8222W	884	From 1965-10-25 to 1967-12-10
Havre	HV-MA	Montana,U.S.A.	48.4222N	109.8222W	884	From 1965-10-25 to 1967-12-10
Hawaii-2 Observatory	H2O	North Pacific Ocean	27.8819N	141.9917W	-4947	
HawaiianBeaches	HBH	Hawaii,U.S.A.	19.5315N	154.8980W	92	
Hawaiian Volcano	HVO	Hawaii,U.S.A.	19.4233N	155.2930W	1240	From 1912-01-01
Hawaii Institute of Geophysics	HIG	Hawaii,U.S.A.	21.2847N	157.8190W	18	From 1964-05-01
Hawaii Isl. Ar.	HW-	Hawaii,U.S.A.	19.9803N	155.7056W	705	From 1963-07-24 to 1964-10-22
Hawaii Isl. Ar.	HW-IS	Hawaii,U.S.A.	19.9803N	155.7056W	705	From 1963-07-24 to 1964-10-22
Haweek	HAWK	Syria	34.5211N	36.4055E	1000	From 1995-09-01
Hawker	HKER	South Australia,Australia	31.7642S	138.5524E	440	
Hawk's Nest	HWKN	South Australia	29.9578S	135.2035E	180	From 1981-06-22
Hawks Nest	HKN	South Australia,Australia	30.0117S	135.1867E	171	
Hawk Springs	HK-WY	Wyoming,U.S.A.	41.6958N	104.3569W	1494	From 1962-07-17 to 1962-10-05
Hawk Springs	HK-	Wyoming,U.S.A.	41.6958N	104.3569W	1494	From 1962-07-17 to 1962-10-05
Hawqa	HWQ	Lebanon	34.2780N	35.9463E	1140	
Hayfield	HAY	California,U.S.A.	33.7083N	115.6380W	439	From 1956-06-20
Hayfork Bally	KHBM	California,U.S.A.	40.6602N	123.2190W	1885	
Hayseed and Buckwheat Dairy Farm	HBDB	British Columbia,Canada	49.1697N	122.2135W	6	
Hay Springs	HS-	Nebraska,U.S.A.	42.4256N	102.7144W	1158	From 1962-05-09 to 1962-06-28
Hay Springs	HS-NB	Nebraska,U.S.A.	42.4256N	102.7144W	1158	From 1962-05-09 to 1962-06-28
Haystack Butte	HYS	California,U.S.A.	34.8638N	117.5690W	867	
Haystack Fork	HAYW	Wyoming,U.S.A.	43.6396N	110.3320W	2835	From 1990-09-01 to 2007-08-07
Haystack Lookout	HTW	Washington,U.S.A.	47.8035N	121.7690W	829	From 1975-06-11
Hayter Ranch, Fort Stockton	427A	Texas,U.S.A.	30.8498N	103.4018W	1031	From 2008-03-16
Hayti	HATI	Missouri,U.S.A.	36.1770N	89.6760W	83	
Hazelwood Elementary School	RHAZ	Washington,U.S.A.	47.5405N	122.1857W	10	
Headley	HEA	England,United Kingdom	51.3583N	1.2639W	114	
Headquarters	HDO	Colorado,U.S.A.	39.5583N	105.0790W	1683	From 1973-01-01 to 1976-11-30
Healdsburg	NHBM	California,U.S.A.	38.5893N	122.9090W	165	From 1975-02-21
Heard Island	HII	Heard Island	53.0200S	73.3850E	10	
Hearst Castle	PHCM	California,U.S.A.	35.6822N	121.1530W	514	
Heber	HEB	Utah,U.S.A.	40.5015N	111.3358W	1925	
Heber	HR-	Arizona,U.S.A.	34.6697N	110.7664W	1875	From 1964-07-10 to 1965-10-04
Heber	HR-AZ	Arizona,U.S.A.	34.6697N	110.7664W	1875	From 1964-07-10 to 1965-10-04
Hebgen Ridge	YPHR	Idaho,U.S.A.	44.8523N	111.3160W	2060	
Hector,Ludlow	HEC	California	34.8300N	116.3300W	920	From 2004-04-01
Heda	HDAN	Shizuoka,Japan	34.9620N	138.8201E	250	
Heda	HEDN	Shizuoka,Japan	34.9591N	138.8126E	160	
Hedekas	HED	Sweden	58.6800N	11.7780E	78	From 1980-01-01 to 1991-12-31
Heerlen	HEE	Netherlands	50.8850N	5.9817E	115	From 1926-04-18 to 1981-01-01
Hegura jima	JHG	Ishikawa,Japan	37.8483N	136.9200E	12	
Heguri	JHE	Nara,Japan	34.6535N	135.6850E	260	
Hehuan Shan	WHF	Taiwan region	24.1450N	121.2650E	3395	
Heidelberg (Koenigstuhl)	HEI	Baden-Wurtemberg,Germany	49.3991N	8.7274E	560	From 1959-01-01
Heidenheim-Charlottenhoehe	HDH	Baden-Wurtemberg,Germany	48.5843N	10.2070E	501	From 1996-01-01
Heiheiahulu	HUL	Hawaii,U.S.A.	19.4188N	154.9790W	369	
Heimangroeve	HGN	Netherlands	50.7640N	5.9317E	135	From 1993-03-01
Heimerzheim	BA15	Nordrhein-Westfalen	50.7117N	6.9275E	157	From 2006-10-01
Heinrich-Robert Mine	HRH	Nordrhein-Westfalen,Germany	51.6234N	7.7527E	-888	
Heinsberg	BA13	Nordrhein-Westfalen	51.0707N	6.0753E	42	From 2006-10-01
Heioarbar	IHEI	Iceland	64.2000N	21.2360W	162	From 1989-12-13
Hejung	EHC	Taiwan region	24.2680N	121.7330E	11	
Helez	HLZ	Israel	31.6000N	34.6400E	100	
Helgoland	HLG	Schleswig-Holstein,Germany	54.1847N	7.8839E	41	
Hella	IHLA	Iceland	65.9440N	18.3870W	37	From 1995-02-01
Hells Half Acre	HLAI	Idaho,U.S.A.	43.2950N	112.3790W	1391	
Helmville	HLM	Montana,U.S.A.	46.8894N	112.9330W	1365	From 1974-09-03 to 1976-10-04
Helsinki	HEL	Finland	60.1756N	24.9570E	20	
Helvecia	HSFA	Santa Fe,Argentina	31.1028S	60.1108W	55	
Helwan	HLW	Egypt	29.8583N	31.3417E	116	From 1903-01-01
Hempstead	HE-	Texas,U.S.A.	30.1997N	96.0919W	67	From 1963-07-25 to 1964-03-16
Hempstead	HE-TX	Texas,U.S.A.	30.1997N	96.0919W	67	From 1963-07-25 to 1964-03-16
Hemsoen	HEMU	Sweden	62.6760N	18.0359E	100	From 2000-04-13
Hendek	HENT	Turkey	40.8231N	30.8992E	583	
Henderson Mound	HENM	Missouri,U.S.A.	36.7160N	89.4717W	88	
Hendrik Verwoerd Dam	HVD	Cape Province,South Africa	30.6050S	25.4967E	1433	
Hengchuen, Pingtung county	TSEB	Taiwan region	21.9000N	120.9000E	0	From 2005-01-01
Hengchun	HEN	Taiwan region	22.0055N	120.7381E	22	
Hengchun	TWK1	Taiwan region	21.9433N	120.8053E	90	From 1978-01-15
Heniu Mare	HNM	Romania	47.2775N	24.7339E	1580	From 1982-09-01 to 1989-01-01
Henry Mountain	HMU	Utah	37.9380N	110.7418W	2430	From 2005-11-17
Heoinshofoi	IHEI	Iceland	66.0810N	17.3100W	75	From 2000-09-25
Heping Village	EHP	Taiwan region	24.3100N	121.7410E	200	From 2001-05-01
Hepp	HPP	Alaska,U.S.A.	64.7905N	147.9590W	170	From 1971-11-09 to 1976-06-30
Herceg Novi	HCY	Montenegro,Serbia and Montenegro	42.4475N	18.4984E	273	From 1983-12-25
Hercules	HERB	California,U.S.A.	38.0124N	122.2622W	-18	
Herd Peak	LHEM	California,U.S.A.	41.6285N	122.2190W	2155	From 1981-01-15

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Heredia	HDC	Costa Rica	10.0013N 84.1140W	1150	From 1984-03-17
Heredia 2	HDC2	Costa Rica	10.0237N 84.1167W	1220	From 1985-01-01
Herke	HRT	Turkey	40.8217N 29.6680E	645	From 1980-01-01
Heris	IHRS	Iran	38.3183N 47.0417E	2150	From 1995-08-01
Herkenbosch	HKB	Netherlands	51.1889N 6.1684E	74	
Hermanus	HER	Cape Province,South Africa	34.4250S 19.2250E	26	
Hermiston	HRO	Oregon,U.S.A.	45.8357N 119.3810W	172	
Hernandez Reservoir, Idria	U04C	California,U.S.A.	36.3627N 120.7828W	812	From 2004-12-05 to 2007-12-11
Hernandez Valley	HVC	California,U.S.A.	36.3730N 120.8190W	750	From 1969-11-26
Hernandez Valley	PHRM	California,U.S.A.	36.3730N 120.8190W	750	From 1969-11-26
Hernando Brdge	HDBT	Tennessee,U.S.A.	35.1534N 90.0581W	66	
Hetta	HEF	Finland	68.4080N 23.6600E	380	From 2006-11-01
Heukewalde / Germany	HKWD	Thuringen	50.8297N 12.2681E	310	From 2008-05-06
Heuksando	KSHUK	South Korea	34.6838N 125.4518E	79	From 1999-04-18
Hexham	HEXM	Victoria,Australia	37.9280S 142.7780E	220	
Hiawatha	HWK	Kansas,U.S.A.	39.8022N 95.4965W	320	From 1978-10-05 to 2001-07-15
Hibok Hibok	VHH	Mindanao,Philippines	9.2330N 124.6720E	250	From 1993-01-01
Hickman	HICK	Kentucky,U.S.A.	36.5409N 89.2288W	141	
Hicks Bay	HBZ	North Island,New Zealand	37.5992S 178.3010E		From 1985-07-26 to 2004-03-01
Hicks Ranch, Iapah	O13A	Utah,U.S.A.	40.1314N 113.9814W	1573	From 2007-02-21
Hidaka	HDK	Wakayama,Japan	33.9259N 135.1390E	30	From 1965-01-01 to 1974-04-03
Hidaka-Cho	HIC	Hidaka,Japan	42.8915N 142.4573E	330	From 1978-07-01
Hidalgo Mountain	HDG	California,U.S.A.	34.4288N 116.3050W	1347	From 1974-04-01
Hidden Bay	AD4	Alaska,U.S.A.	51.6986N 176.6320W	213	From 1974-01-01 to 1992-02-01
Hidden Lake	HKP	Pennsylvania,U.S.A.	41.0382N 75.0617W	337	From 1973-02-01 to 1974-07-31
Hierbabuena	HIER	Ecuador	2.7200S 79.4200W	2800	
Hierro	EHRO	Spain	27.7535N 18.1106W	135	
Higginbotham Farm, Almira	C08A	Washington,U.S.A.	47.7849N 119.0454W	783	From 2006-09-21 to 2008-05-14
Highclere	BDH	Barbados	13.2030N 59.5890W	308	From 1978-11-19
Highcliff Hill	HHSZ	South Island	45.8860S 170.5977E	375	From 2006-04-08
High Heaven	VHHM	Oregon,U.S.A.	45.2647N 123.3090W	533	
High Hole Crater	LHHM	California,U.S.A.	41.5228N 121.5325W	1890	
High Hoyland	HHWY	England,United Kingdom	53.5867N 1.5974W	205	
Highland Ranch	HLR	Colorado,U.S.A.	39.5372N 104.9740W	1782	From 1973-01-01 to 1976-11-30
Highland Springs	GHLM	California,U.S.A.	39.0405N 123.0190W	956	From 1975-06-01
Highline Community College ANSS-SMO	HICC	Washington	47.3899N 122.2991W	115	From 2001-06-27
High Valley	GHVM	California,U.S.A.	39.0850N 122.7340W	1036	
Higuera	EHIG	Spain	28.567N 17.8062W	845	
Hikami	HMTD	Hyogo,Japan	35.2265N 135.0435E	250	
Hikimi	JHIK	Shimane,Japan	34.5313N 131.9292E	350	From 1997-12-01
Hikinohira	HIKD	Kagoshima,Japan	31.5803N 130.6439E	550	
Hikone	HIK	Shiga,Japan	35.2733N 136.2470E	87	
Hilina Pali	HLP	Hawaii,U.S.A.	19.2993N 155.3100W	707	From 1970-09-01
Hillesheim	HILG	Rheinland-Pfalz	50.2918N 6.6788E	500	From 1998-01-01
Hilo	HIL	Hawaii,U.S.A.	19.7178N 155.0878W	26	From 1922-01-01 to 2000-11-09
Hilton Creek	HTCR	California,U.S.A.	37.5298N 118.7710W	3012	From 1984-07-19
Himeji	HIM	Hyogo,Japan	34.8367N 134.6733E	39	
Himekami	HMK	Iwate,Japan	39.8483N 141.2467E	586	
Hinai	JAH	Akita,Japan	40.1887N 140.6358E	140	
Hinchinbrook Island	HIN	Alaska,U.S.A.	60.3968N 146.5020W	611	From 1974-10-03
Hinckley	HKM	Maine,U.S.A.	44.6564N 69.6408W	79	
Hinemaiaia	HATZ	North Island,New Zealand	38.8922S 176.0920E	492	From 1985-05-01
Hines	J07A	Oregon,U.S.A.	43.3736N 119.3105W	1273	From 2006-06-20 to 2008-04-04
Hinesburg	HBVT	Vermont,U.S.A.	44.3623N 73.0650W	342	
Hingarae	HITZ	North Island,New Zealand	38.7086S 175.7660E	458	From 1984-12-01 to 1991-06-21
Hinohara	HHR	Tokyo,Japan	35.7353N 139.0764E	595	
Hino-misaki	HNMJ	Wakayama,Japan	33.8811N 135.0661E	191	
Hinteralfeld	HINF	Lorraine,France	47.8167N 6.8531E	720	From 1996-04-03
Hinton	HWV	West Virginia,U.S.A.	37.5906N 80.8408W	521	From 1978-04-01 to 1998-12-31
Hinze Dam	HINZ	Queensland,Australia	28.0511S 153.2807E	140	
Hiratsu	HRTT	Yamagata,Japan	39.0100N 139.9400E	40	
Hirodai	HRD	Aomori,Japan	40.5842N 140.4773E	50	
Hirogawara	HRG	Shizuoka,Japan	35.1584N 139.0586E	285	
Hiroka	JHK	Fukushima,Japan	37.2483N 139.0170E	195	From 1994-04-01
Hiroo	HOO	Tokachi,Japan	42.2917N 143.3200E	32	
Hiroo 2	HO0J	Tokachi,Japan	42.3833N 143.2870E	-1	
Hiroshima	HIR	Hiroshima,Japan	34.3633N 132.4370E	30	From 1935-01-01
Hiroshima	HIR1	Hiroshima,Japan	34.3950N 132.4650E	-4	From 1987-12-23
Hiroshima 2	HIRJ	Hiroshima,Japan	34.4283N 132.5650E	412	From 1988-03-22
Hirz Mountain	HLMM	California,U.S.A.	40.8968N 122.2450W	1064	
Hisarcik	LHS	Turkey	40.4687N 29.9313E	970	From 1993-01-01
Hisarkoy	HSY	Cyprus	35.1734N 33.0552E	257	From 2005-05-11
Hitachi	JHO	Tochigi,Japan	36.6108N 140.5690E	215	From 1995-04-01
Hittiya	HITJ	Jordan	29.7430N 35.8410E	1235	From 1989-10-29
Hiyama	JHY	Hiyama,Japan	41.6777N 140.0573E	30	
H. Mason	HMO	Oregon,U.S.A.	45.5381N 122.5720W	64	From 1975-01-01
Hnaberd	HNAZ	Armenia	40.6330N 44.1440E	2150	
Hlnxe	BZER	Nordrhein-Westfalen	51.6207N 6.8695E	51	From 2004-12-08
Ho	HOGH	Ghana	6.6092N 0.4450E	372	From 1987-01-01
Ho Binh	HBV2	Vietnam	20.7962N 105.3387E	80	
Ho Binh	HBVN	Vietnam	20.8259N 105.3520E	30	From 1979-07-27
Hoadley Peaks	LHOM	California,U.S.A.	40.6852N 122.7500W	1378	
Hobart	HB-OK	Oklahoma,U.S.A.	35.1764N 98.9103W	491	From 1961-11-09 to 1963-04-10
Hobart	FNT	Tasmania,Australia	42.9265S 147.3540E	184	From 1957-01-01 to 1962-12-31
Hobart Mills	HBM	California,U.S.A.	39.4017N 120.1530W	1804	From 1970-03-24 to 1973-04-30
Hobart Mills	HBT	California,U.S.A.	39.4267N 120.1630W	1804	From 1973-04-01
Hobart (Okla)	HB-	Oklahoma,U.S.A.	35.1764N 98.9103W	491	From 1961-11-09 to 1963-04-10
Hochheid	FSH	Rheinland-Pfalz,Germany	50.0763N 7.1087E	350	
Hochneukirch	BD09	Nordrhein-Westfalen	51.0963N 6.4650E	88	From 2001-01-01
Hockley	HKT	Texas,U.S.A.	29.9500N 95.8333W	-415	From 1973-06-01
Hodge	HOD	California,U.S.A.	34.8388N 117.2460W	829	
Hodges Ranch	BHRM	California,U.S.A.	36.7278N 121.2640W	213	
Hof	HOF	Bayern,Germany	50.3136N 11.8775E	566	From 1909-01-01 to 2004-08-13
Hoffen	HOFF	Alsace,France	48.9417N 7.9639E	150	
Hogan Spring (BLM), Cisco	Q19A	Utah,U.S.A.	38.9553N 109.2630W	1283	From 2007-06-14
Hogback Mountain	HOG	Oregon,U.S.A.	42.2424N 121.7057W	1887	
Hogback Ridge	GHGM	California,U.S.A.	39.1283N 122.8250W	903	From 1975-04-18
Hog Canyon	PHGM	California,U.S.A.	35.8760N 120.4840W	792	
Hoggard's Bluff	HOGG	Arkansas,U.S.A.	35.2216N 92.2410W	133	From 1985-08-01
Hogget Hill	HHP	South Island,New Zealand	44.3275S 170.3460E	490	From 1975-06-01 to 1983-11-21
Hogsback Ridge	HRU	Utah,U.S.A.	40.7862N 111.8848W	1640	
Hohbusch	HOBG	Nordrhein-Westfalen	50.9835N 7.3338E	270	From 1996-03-01
Hohenheim	HOH	Baden-Wuerttemberg,Germany	48.7167N 9.2167E	396	From 1903-01-01 to 1934-01-31
Hohentengen	HTN	Baden-Wuerttemberg,Germany	48.0293N 9.3784E	571	From 1984-01-01
Hohe Rhon-Flad	HR0E	Bayern,Germany	50.5366N 10.1574E	569	From 2002-12-10
Hohkeppel	HOK	Nordrhein-Westfalen,Germany	50.9803N 7.3122E	230	From 1976-06-01 to 1994-12-01
Hoima	HOI	Uganda	1.4180N 31.3420E	1094	From 1991-07-01
Hokigiyama	HOKE	Yamanashi,Japan	34.8488N 139.0413E	900	
Hokkaido University	HSS	Ishikari,Japan	42.9647N 141.2320E	215	
Hokoriku	HKJ	Fukui,Japan	35.9375N 136.2125E	20	
Hokuryu	JHR	Sorachi,Japan	43.7430N 141.7248E	195	
Holberg	HOLB	British Columbia,Canada	50.6405N 128.1320W	564	From 1991-08-01
Holdsworth Station	HOWZ	North Island	40.8991S 175.5149E	475	From 2007-04-20
Hole	HLX	Nevada,U.S.A.	39.9337N 117.6632W	1219	
Holguin	HOL	Cuba	20.8940N 76.2630W	350	
Holguin	HLGC	Cuba	20.8900N 76.0600W	350	From 1999-09-01
Holland Mills	HMC	Quebec,Canada	45.7583N 75.6483W	175	
Holland Ranch, North Fork	M11A	Nevada,U.S.A.	41.4311N 115.7912W	1849	From 2006-05-06
Hollywood	HWD	South Carolina,U.S.A.	32.7388N 80.2835W	9	
Holman	HMNT	Northwest Territories,Canada	70.7631N 117.8058W	36	
Holmes Hill	YHH	Wyoming,U.S.A.	44.7883N 110.8505W	2717	
Holmfirth	LHO	England,United Kingdom	53.5451N 1.8548W	460	From 1991-01-01
Holstrom Ranch	JHLM	California,U.S.A.	37.1090N 121.8332W	908	From 1975-10-02
Holt	HLT	Alabama,U.S.A.	33.2223N 87.5077W	95	
Holter Research Foundation--Helena	HRF	Montana,U.S.A.	46.5943N 112.0440W	1256	
Holter Research Foundation--York Bridge	HRY	Montana,U.S.A.	46.7113N 111.8310W	1341	From 1980-11-08
Holt Ranch, Enterprise	S13A	Utah,U.S.A.	37.5808N 113.8604W	1698	From 2007-02-15
Holy Cross	HCC	California,U.S.A.	36.9814N 121.7220W	159	From 1967-05-02 to 1975-10-12
Holy Mount Cemetery	HMCY	New York,U.S.A.	40.9648N 73.8032W	245	From 1985-12-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Holy Rosary School	HOLY	Washington,U.S.A.	47.5654N	122.3839W	106	
Hornack Ranch, Wilcox	118A	Arizona,U.S.A.	32.6399N	109.9697W	1440	From 2007-04-05
Homer	HOM	Alaska,U.S.A.	59.6583N	151.6430W	198	From 1978-08-01
Homestead National Monument	HMN	Nebraska,U.S.A.	40.2864N	96.8356W	368	From 1979-03-10 to 2001-07-15
Homyel	NE57	Belarus	52.6030N	31.0810E	129	
Honcut	OHCM	California,U.S.A.	39.3357N	121.4840W	79	From 1975-08-05
Hondo	JHD	Kumamoto,Japan	32.4650N	130.1368E	70	
Hondo	HONK	Kumamoto,Japan	32.8761N	131.0780E	1167	
Honeyville	HONU	Utah,U.S.A.	41.6100N	111.9170W	1515	From 1989-06-13
Hong Kong	HKC	Hong Kong,China	22.3036N	114.1720E	27	From 1921-10-01
Hongo	HGJ	Tokyo,Japan	35.7156N	139.7630E	19	From 1965-05-01
Hongo	HNG	Tokyo,Japan	35.7111N	139.7660E	18	
Honiara	HNR	Solomon Islands	9.4316S	159.9470E	72	From 1960-10-01
Honjo	HJH	Akita,Japan	39.3383N	140.1730E	136	From 1975-04-01
Honjo	HJY	Akita,Japan	39.3383N	140.1730E	136	From 1975-04-01
Honolulu	HON	Hawaii,U.S.A.	21.3242N	158.0010W	2	From 1902-01-01
Honolulu	HNL	Hawaii,U.S.A.	21.3583N	157.8100W	243	From 1964-05-01 to 1974-12-31
Honuapo	HPO	Hawaii,U.S.A.	19.0889N	155.5540W	15	
Hood Meadows East	VHEM	Oregon,U.S.A.	45.3287N	121.6740W	1739	
Hoodsport	HDW	Washington,U.S.A.	47.6485N	123.0540W	1006	
Hope	HOPB	British Columbia,Canada	49.3873N	121.4205W	248	
Hope	HOJ	Jamaica	18.0045N	76.7494W	179	From 1965-08-21
Hope Bay	HOP	Jamaica	18.0220N	76.7500W	200	From 1961-11-01 to 1965-06-30
Hopedale	HDIL	Illinois,U.S.A.	40.5560N	89.2940W	219	
Hopon	HOPEN	Svalbard	76.5100N	25.0100E	25	From 2004-09-01
Hope Point	HOPE	South Georgia Islands	54.2836S	36.4879W	20	
Hopland	HOPS	California,U.S.A.	38.9935N	123.0723W	299	From 1994-10-20
Hopovo Monastery	HOPOS	Serbia	45.1351N	19.8354E	310	From 2004-01-28
Hopper	HOPT	Tennessee,U.S.A.	36.3270N	89.4717W	125	
Hocain	HOQ	Oman	23.5824N	57.3109E	350	From 2001-07-01
Horasan	HOMI	Turkey	40.0452N	41.9055E	2174	From 2006-09-18
Horco Molle	AHML	Tucuman,Argentina	26.7856S	65.3354W	658	
Horem	BA06	Nordrhein-Westfalen	50.9196N	6.7052E	73	From 2006-10-01
Hornachuelos	HORN	Spain	37.8466N	5.2582W	268	
Hornachuelos	EHOR	Spain	37.8231N	5.2481W	160	From 1985-05-01
Hornadal	HRN	Sweden	60.2500N	16.4860E		From 1980-01-01
Hornsund	HSP	Svalbard,Norway	77.0082N	15.5504E		
Horominai	HORH	Iburi,Japan	42.4765N	140.9167E	235	
Horqueta	HOQC	Colombia	3.4680N	76.6337W	2220	From 1987-01-01
Horse Butte	YHB	Idaho,U.S.A.	44.7512N	111.1952W	2157	
Horse Canyon	HCU	Utah,U.S.A.	39.4883N	110.3450W	2134	From 1962-01-01 to 1977-03-31
Horsefly Mountain	VHYM	Oregon,U.S.A.	42.2645N	121.0490W	1932	
Horse Heaven Hills	HHH	Washington,U.S.A.	46.1717N	119.3840W	490	From 1987-03-01
Horse Mountain	KHMM	California,U.S.A.	40.8747N	123.7310W	1509	
Horse Pasture	SHEL	Saint Helena	15.9588S	5.7457W	537	From 1995-06-19
Horseshoe Bay	HBC	British Columbia,Canada	49.3775N	123.2760W		From 1951-01-01 to 1960-04-30
Horse Springs, Datil	Y20A	New Mexico,U.S.A.	33.9085N	108.3769W	2177	From 2008-02-10
Horta	HOR	Azores,Portugal	38.5267N	28.6300W	60	
Horta de San Juan	ERTA	Spain	40.9567N	0.3335E	547	
Hortiatis	HORT	Greece	40.5978N	23.0996E	933	From 2006-07-12
Horyu	HRJ	Ishikawa,Japan	37.3994N	137.1360E	275	
Hoseineyeh	HIOS	Iran	32.6793N	48.2365E	0	From 1998-01-01
Hoshina	HSJ	Nagano,Japan	36.5841N	138.2740E	490	From 1968-07-21
Hoskins	DAW	New Britain,Papua New Guinea	5.5500S	150.4670E	250	From 1969-11-02 to 1970-12-31
Hososhima	JMH	Miyazaki,Japan	32.5717N	131.5883E	60	
Hot Caves	HTC	Hawaii,U.S.A.	19.2388N	155.4000W	381	
Hot Creek Range	HCR	Nevada,U.S.A.	38.2339N	116.4357W	2058	
Hotokeiwa	HTK	Nagano,Japan	36.3769N	138.5397E	1462	
Hot Spot	HSW	Washington,U.S.A.	46.5295N	119.5550W	217	From 1970-06-01 to 1971-10-31
Hot Springs	C13A	Montana,U.S.A.	47.6795N	114.5735W	976	From 2006-09-21
Hot Springs Basin	YPHS	Wyoming,U.S.A.	44.7556N	110.3540W	2621	
Hot Springs Mountain	HOT	California,U.S.A.	33.3140N	116.5820W	1963	From 1976-01-01
Houchin Ranch, La Veta	S24A	Colorado,U.S.A.	37.6407N	105.2126W	2672	From 2008-06-13
Houelmont	HMG	Guadeloupe	15.9823N	61.7000W	420	
Houlton	HN	Maine,U.S.A.	46.1619N	67.9858W	213	
Houlton	HN-ME	Maine,U.S.A.	46.1619N	67.9858W	213	
Houlton	HNME	Maine,U.S.A.	46.1599N	67.9867W	209	
Hourglass Bar Ranch, Mountainair	X23A	New Mexico,U.S.A.	34.5810N	106.1881W	1948	From 2008-04-19
House Creek	GHCM	California,U.S.A.	38.6060N	123.1970W	518	From 1975-05-07
House Creek Ranch, Rogerson	L12A	Idaho,U.S.A.	42.1460N	115.0162W	1756	From 2006-12-21
Houston	HOU	Texas,U.S.A.	29.7189N	95.4022W	5	
Houston--Electro-Tech	HET	Texas,U.S.A.	29.7200N	95.4699W	6	From 1961-01-01 to 1965-04-30
Hovd	HBD	Mongolia	48.0100N	91.6500E	1410	
Howard	HD	Pennsylvania,U.S.A.	40.9956N	77.5956W	369	From 1964-09-25 to 1965-01-25
Howard	HD-PA	Pennsylvania,U.S.A.	40.9956N	77.5956W	369	From 1964-09-25 to 1965-01-25
Howats Hill	BHH	Scotland,United Kingdom	55.0931N	3.2181W	216	
Howe Caverns	HCNY	New York,U.S.A.	42.6968N	74.3984W	273	
Howe Peak	HPI	Idaho,U.S.A.	43.7114N	113.0970W	2597	From 1972-10-01
Howe Scarp	HWSI	Idaho,U.S.A.	43.9222N	113.1060W	1740	From 1992-01-01
Howrah	HOW	West Bengal,India	22.4167N	88.3092E	3	From 1952-01-01
Hoy	OHO	Orkney Islands,United Kingdom	58.8321N	3.2464W	172	From 1995-09-21
Hoyanger	HYA	Norway	61.1660N	6.1870E	30	From 1999-06-08
Hoyt Mine	HYX	Nevada,U.S.A.	39.7728N	117.7630W	1661	From 1980-01-01
Hoyt Peak	HTU	Utah,U.S.A.	40.6753N	111.2200W	2575	From 1974-11-01
Hraun	IHRN	Iceland	66.1100N	20.1230W	15	From 1996-08-30
Hsiaoliuchiu	WLCT	Taiwan region	22.3480N	120.3620E	38	
Hsiaoliuchiu	TWP	Taiwan region	22.3460N	120.3625E	80	From 1978-01-02
Hsinchu	HSN	Taiwan region	24.8022N	120.9696E	34	
Hsinkong	SGK	Taiwan region	23.1000N	121.3670E	36	
Hsinkong	HSI	Taiwan region	23.1000N	121.3670E	36	
Hsinying	TKW	Taiwan region	23.2667N	120.4880E	590	From 1974-07-19
Huajuapalan	UTMO	Oaxaca	17.8300N	97.8035W	1783	From 2003-11-18
Hualalai	HUH	Hawaii,U.S.A.	19.6875N	155.8390W	2189	From 1971-05-06
Hualapai Mountain Park, Kingman	W13A	Arizona,U.S.A.	35.0990N	113.8854W	1988	From 2006-03-09
Hualien Port	HWAP	Taiwan region	23.9800N	121.6200E	0	From 2001-08-27
Hualilian	HLN	San Juan,Argentina	30.7364S	68.9492W	2000	
Huancayo	HUA	Peru	12.0384S	75.3228W	3313	From 1932-04-01
Huanuco	HCO	Peru	9.8300S	76.2300W	1851	
Huaraz	HUZ	Peru	9.5289S	77.5083W	3300	From 1972-01-01
Huarmaca	HURP	Peru	5.5830S	78.4330W	2000	
Huasco	HUCH	Atacama	28.4641S	71.2215W	9	From 2005-04-19
Huatulco	HUIG	Oaxaca,Mexico	15.7684N	96.1082W	150	
Huaypira	CHP5	Peru	4.6050S	80.5011W	240	
Huckleberry Mountain	HBO	Oregon,U.S.A.	43.8443N	122.3200W	1615	From 1990-09-19
Huddart Park	JHPM	California,U.S.A.	37.4442N	122.3020W	347	
Hudiksvall	HUDU	Sweden	61.7364N	17.1194E	100	From 2005-10-15
Hudson	HUO	Ontario,Canada	50.0806N	92.0981W	367	From 1986-10-02
Hudson Bay High School ANSS-SMO	HUBA	Washington	45.6307N	122.6526W	23	From 2002-09-12
Hue	HUV	Vietnam	16.4168N	107.5855E	8	
Huehuecho	HUES	El Salvador	13.7783N	89.0000W	910	From 1991-12-01
Huescar	EHUE	Spain	37.8148N	2.5927W	980	From 1980-11-13
Hu-ho-hao-te	HHC	Nei Monggol Zizhiqu,China	40.8494N	111.5640E	1169	
Huitzilzil	HUG	Guatemala	14.0208N	91.3235W		From 1987-10-01
Huka	HUTZ	North Island,New Zealand	38.6339S	176.0950E	360	From 1985-09-01 to 1996-04-22
Hull Mountain	GHMM	California,U.S.A.	39.4954N	122.9310W	1456	
Hull Mountain	HUMO	Oregon,U.S.A.	42.6071N	122.9567W	554	
Humahuaca	HJA	Jujuy,Argentina	23.2079S	65.4095W	3178	
Humbigny	HYF	Centre,France	47.2685N	2.6394E	428	
Humboldt	X15A	Arizona,U.S.A.	34.4866N	112.2368W	1331	From 2006-03-22
Hume Dam	HUMM	Victoria,Australia	36.1110S	147.0290E	190	
Humuula	HMH	Hawaii,U.S.A.	19.6052N	155.4860W	2445	
Hundersingen	HUN	Baden-Wuerttemberg,Germany	48.0792N	9.4083E	565	
Hundred Mile H.	HM-	British Columbia,Canada	51.6550N	121.4756W	1128	From 1962-07-26 to 1962-10-05
Hungry Horse	HHM	Montana,U.S.A.	48.3494N	114.0280W	1100	From 1947-11-10 to 1979-12-16
Hungye	EHY	Taiwan region	23.5060N	121.3220E	237	
Hunter Liggett MR Jolon	V03C	California,U.S.A.	36.0214N	121.2356W	336	From 2005-02-23 to 2007-12-05
Huntoon Valley	HVL	Nevada,U.S.A.	39.1832N	118.5390W	1856	
Huntoon Valley	HCK	Nevada,U.S.A.	38.0755N	118.5920W		
Huntsville	M16A	Utah,U.S.A.	41.3146N	111.6298W	1872	From 2007-07-09

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Hunxe	BHXE	Nordrhein-Westfalen,Germany	51.6308N 6.8929E	159	
Hurbanovo	HRB	Slovakia	47.8736N 18.1928E	115	
Huron Fishing Bridge	PHBM	California,U.S.A.	36.2488N 120.0830W	100	
Hurricane	HUR	Alaska,U.S.A.	62.9778N 149.6360W	505	From 1971-08-01
Hurricane	T14A	Utah,U.S.A.	37.0615N 113.0840W	1529	From 2007-01-28
Hurricane Hollow	HHT	Tennessee,U.S.A.	36.1711N 87.9014W	113	
Hurst Farm, Blanding	S18A	Utah,U.S.A.	37.6903N 109.9948W	2351	From 2007-06-25
Husband	HUOR	Oregon,U.S.A.	44.1197N 121.8482W	2037	
Huson	D13A	Montana,U.S.A.	47.0943N 114.4587W	1000	From 2006-10-06
Husum	HUSU	Sweden	63.3416N 19.2184E	100	From 2000-08-23
Huta Ginjang	HUTI	Sumatera,Indonesia	2.3153N 98.9711E	1600	
Huxley Gorge	HGP	South Island,New Zealand	44.1025S 169.8440E	590	From 1975-06-01 to 1983-11-21
Huzimizaka	HZA	Nagano,Japan	36.3992N 138.5411E	2232	
Hvannstoosfjoll	IHVA	Iceland	64.9550N 15.8690W	695	From 2004-12-29
Hvar	HVAR	Croatia	43.1780N 16.4490E	189	From 1986-10-01
Hveravellir	IHVE	Iceland	64.8700N 19.5670W	640	From 1996-08-30
Hwalien	HWA	Taiwan region	23.9770N 121.6050E	16	
Hwange	HWZ	Zimbabwe	18.3302S 26.5034E	0	
Hyde Park	HDU	Utah,U.S.A.	41.8044N 111.7650W	1853	From 1975-03-01
Hyderabad	HYD	Andhra Pradesh,India	17.4333N 78.4500E	528	
Hyderabad	HYB	Andhra Pradesh,India	17.4169N 78.5531E	510	From 1967-12-11
Hylton High School	PPHYL	District of Columbia,U.S.A.	38.6500N 77.3800W	112	
Hysham	HY-	Montana,U.S.A.	45.9728N 107.0817W	975	From 1964-11-30 to 1965-09-19
Hysham	HY-MA	Montana,U.S.A.	45.9728N 107.0817W	975	From 1964-11-30 to 1965-09-19
Iasi	IAS	Romania	47.1933N 27.5617E	160	From 1951-12-10
Ibarra	IBAR	Ecuador	0.2871N 78.1065W	2360	
Ibbenburen	IBBN	Nordrhein-Westfalen,Germany	52.3072N 7.7566E	137	
Ibiza	EIBI	Balearic Islands,Spain	39.0269N 1.3436E	260	
Ibuki Yama	IBU	Shiga,Japan	35.3783N 136.3770E	30	
Ica	ICA	Peru	14.0750S 75.7250W	500	
Ice Cap	IC-GL	Greenland	77.9467N 39.1833W	2365	From 1966-07-06 to 1967-08-28
Ice Cap	IC-	Greenland	77.9467N 39.1833W	2365	From 1966-07-06 to 1967-08-28
icheon	KSICN	South Korea	37.2907N 127.4167E	164	From 2003-11-28
Ichihara	ICH	Chiba,Japan	35.4009N 140.1768E	-146	
ichinomiya	INMK	Tokushima,Japan	34.0284N 134.4663E	50	
ichinoseki	JMK	Iwate,Japan	38.9518N 141.2198E	70	
ichiyama	ICY	Yamanashi,Japan	34.9033N 138.9333E	210	
icod de los Vinos	CICO	Canary Islands	28.3490N 16.7241W	785	From 2004-05-13
Idaho Array	IDA	Idaho,U.S.A.	43.7867N 113.0220W	1524	
Idaho Array 1	ID1	Idaho,U.S.A.	43.6200N 113.3280W	1638	
Idaho Array 2	ID2	Idaho,U.S.A.	43.5283N 112.8370W	1521	
Idaho Array 3	ID3	Idaho,U.S.A.	43.8575N 112.7080W	1460	
Idaho Array 4	ID4	Idaho,U.S.A.	43.7250N 112.7970W	1478	
Idaho Array 5	ID5	Idaho,U.S.A.	43.8983N 113.6160W	1829	
Idaho Springs	ISCO	Colorado,U.S.A.	39.7997N 105.6134W	2743	From 1996-10-17
Ideyld Park	J03A	Oregon,U.S.A.	43.3717N 122.9646W	292	From 2005-12-15 to 2007-10-31
Idfu	HEDF	Egypt	25.0945N 33.1818E	186	
Idjevan	VADZ	Armenia	40.8100N 43.8310E	1560	From 1983-01-01
Idjevan	IDJZ	Armenia	40.8820N 45.1460E	700	
Idriss Premier	IDR	Morocco	34.1660N 4.7500W	217	From 1979-06-01
Iengra	IENR	Sakha	56.2290N 124.8640E	860	From 2004-07-10
Ierapetra Chania	FRMA	Crete	35.0144N 25.7334E	33	From 2006-12-01
Ifrane	IFR	Morocco	33.5169N 5.1269W	1630	From 1964-11-01
Igarata	IGAB	Sao Paulo,Brazil	23.2525S 46.1165W	677	
Iggoen	IGGU	Sweden	60.8730N 17.3160E	100	From 2000-03-27
Igikkin Island	GSIG	Alaska,U.S.A.	51.9864N 175.9250W	407	
Igloolik	IGL	Northwest Territories,Canada	69.3767N 81.8067W	38	From 1975-09-03
Igloolik	IGLN	Northwest Territories,Canada	69.3689N 81.8175W	43	
Igloolik, Nunavut	ILON	Northwest Territories	69.3712N 81.8242W	51	From 2005-08-23
Ignalina	IGN	Lithuania	55.3503N 26.2225E	255	
Ignalina Nuclear	INPP	Lithuania	55.6056N 26.5667E	148	
Igoumenitsa	IGT	Greece	39.5325N 20.3325E	320	From 1989-04-01
Igron	IGR	Tajikistan	38.3000N 69.3000E	0	
Iguala	III	Guerrero,Mexico	18.3760N 99.4680W	1740	
Igualata	IGUA	Ecuador	1.4900S 78.6387W	4430	
Iheya	IJH	Ryukyu Islands,Japan	27.0348N 127.9670E	25	
Iida	IIDJ	Nagano,Japan	35.4800N 137.9120E	528	From 1978-03-01
Iida	IJDJ	Nagano,Japan	35.4800N 137.9120E	528	From 1978-03-01
Iida	IID	Nagano,Japan	35.5100N 137.8367E	484	
Iinan	INA	Mie,Japan	34.4463N 136.3750E	160	From 1965-07-01 to 1970-07-31
IISEE	IIS	Tokyo,Japan	35.7097N 139.6970E	25	
Iizuka	IZK	Fukuoka,Japan	33.6500N 130.7000E		
Iizume	IZMH	Aomori,Japan	40.8338N 140.4985E	30	
Iki	IJI	Nagasaki,Japan	33.7955N 129.7320E	70	
Ikuma	IJNM	Shimane,Japan	35.4958N 133.0297E	20	
Ikusaka	IKJ	Nagano,Japan	36.4218N 137.9440E	500	From 1968-07-01 to 1970-03-15
Ilan	YLA	Taiwan region	24.7656N 121.7480E	7	From 1936-01-01
Ilan	ILA	Taiwan region	24.7656N 121.7479E	7	From 1936-01-01
Ile d'Oleron	OLEF	Poitou-Charentes,France	45.9445N 1.3488W	3	From 1994-12-06
Ilgaz	ILGA	Turkey	41.0521N 33.7165E	2069	From 2007-07-02
Ili	ILI	Kazakhstan	43.8600N 77.0320E	540	
Iliamna	ILIM	Alaska,U.S.A.	60.0802N 152.9590W	823	
Iliamna	ILM	Alaska,U.S.A.	60.1820N 152.8160W	550	From 1971-08-07
Iliamna Low South	ILS	Alaska,U.S.A.	59.9576N 153.0681W	1125	
Iliamna NE	INE	Alaska,U.S.A.	60.0608N 153.0620W	1585	From 1990-08-29
Iliamna NW	INW	Alaska,U.S.A.	60.0677N 153.1325W	1219	From 1990-08-29 to 1994-12-31
Iliamna South	IVS	Alaska,U.S.A.	60.0092N 153.0810W	2332	From 1990-08-29
Iliamna Volcano East	IVE	Alaska,U.S.A.	60.0169N 153.0163W	1173	From 1996-01-01
Iliamna West	ILW	Alaska,U.S.A.	60.0600N 153.1360W	1722	From 1994-10-01
Illapel	ILCH	Coquimbo,Chile	31.6358S 71.1694W	350	
Iloca	ILOC	Maule,Chile	34.9350S 72.1828W	7	
Iloilo	ILO	Panay,Philippines	10.7000N 122.5670E		
I.L. Ranch, Tuscararo	M10A	Nevada,U.S.A.	41.5220N 116.5396W	1687	From 2006-05-05
Iluissat, Greenland	ILUG	Greenland	69.2170N 51.1080W	45	From 2004-05-14
Ilw as Safayhah	ALWS	Saudi Arabia	29.3103N 35.0650E		
Imadeyama	IMAT	Iwate,Japan	39.1067N 141.7600E	519	
Imagane	IMG	Hiyama,Japan	42.3905N 140.1444E	90	
Imajo	IMJ	Fukui,Japan	35.7982N 136.3028E	240	
Imi Mikki	IMK	Morocco	30.5239N 9.6517W	60	From 1991-12-17
Imperia	IMI	Italy	43.9102N 7.8893E	860	
Imphal	IMP	Manipur,India	24.7833N 93.9333E	785	
Imsbach	IMS	Rheinland-Pfalz,Germany	49.5940N 7.9008E	350	
Imsil	KSIMS	South Korea	35.6055N 127.2859E	246	From 2000-12-06
In Amguel	IAA	Algeria	23.8222N 5.1750E		
Incheon	KSINC	South Korea	37.4776N 126.6240E	68	
Inchon	INC	South Korea	37.4833N 126.6330E	70	
Inchon	INCN	South Korea	37.4830N 126.6330E	420	
Incio	EINC	Spain	42.6600N 7.3500W	739	
Independence	IND	California,U.S.A.	39.4343N 120.2920W	2146	
India	UMI	India	25.5167N 92.7333E		
Indiana Array	IN1	Indiana,U.S.A.	40.5420N 85.8936W		From 1980-01-01 to 1996-12-31
Indiana Array	IN2	Indiana,U.S.A.	39.9390N 86.7831W		From 1980-01-01 to 1996-12-31
Indiana Array	IN3	Indiana,U.S.A.	39.2653N 85.7854W		From 1980-01-01 to 1996-12-31
Indiana Array	IN4	Indiana,U.S.A.	39.5697N 84.9029W		From 1980-01-01 to 1996-12-31
Indiana State University	ISU	Indiana,U.S.A.	39.4714N 87.4075W	148	
Indian Gallows	SVG	St Vincent,Saint Vincent and the Grenadines	13.2450N 61.2780W	46	
Indian Hill Lake	IHLN	Northwest Territories,Canada	63.3052N 110.8911W	417	
Indian Lake	ILKN	Yukon Territory,Canada	64.2241N 115.1293W	266	
Indian Meadow	IMW	Wyoming,U.S.A.	43.8970N 110.9390W	2646	
Indian Mountain	IMA2	Alaska,U.S.A.	66.0688N 153.6871W	1318	
Indian Mountain	IMA	Alaska,U.S.A.	66.0685N 153.6790W	1380	
Indian Mountain Array Beam Reference Point	IMAR	Alaska,U.S.A.	65.9835N 153.7491W	372	
Indian Mountain Array Site 1	IM01	Alaska,U.S.A.	65.9969N 153.7225W	360	
Indian Mountain Array Site 2	IM02	Alaska,U.S.A.	66.0005N 153.7971W	645	
Indian Mountain Array Site 3	IM3	Alaska,U.S.A.	65.9835N 153.7490W	372	From 1993-07-01
Indian Mountain Array Site 4	IM04	Alaska,U.S.A.	65.9745N 153.7828W	587	
Indian Mountain Array Site 5	IM05	Alaska,U.S.A.	65.9751N 153.7253W	450	
Indianola	INDN	Nebraska,U.S.A.	40.1925N 100.4000W	762	
Indian Ridge	IRO	Oregon,U.S.A.	44.0053N 122.2543W	1642	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Indian Springs Canyon	ICU	Utah,U.S.A.	37.1497N 113.9235W	1451	
Indian Valley	PIVM	California,U.S.A.	35.9065N 120.6820W	497	From 1975-09-24
Indio Hills	INDC	California,U.S.A.	33.8162N 116.2300W	354	
Indio Mountain, Van Horn	425A	Texas,U.S.A.	30.7862N 104.9857W	1337	From 2008-03-15
INEL Research	IRCI	Idaho,U.S.A.	43.5153N 112.0333W	1442	From 1990-03-15
Infanta	INF	Luzon,Philippines	14.7500N 121.6467E	5	
Ingas	INGI	Bali,Indonesia	8.8183S 115.1450E	202	
Inge Lehmann	ILG	Greenland	77.9467N 39.1833W	2401	
Ingelmoor High School	NIHS	Washington	47.7413N 122.2226W	137	From 2002-06-04
Ingram Canyon, Westley	SO4C	California,U.S.A.	37.5049N 121.3278W	310	From 2004-12-20 to 2007-09-03
Ingram Point	VIPM	Oregon,U.S.A.	44.5082N 120.6190W	1731	
Ingram Ranch	ING	California,U.S.A.	32.9883N 115.3100W	2	From 1973-04-16
INUJE	KSIJA	South Korea	37.9867N 128.1111E	224	From 2006-12-30
Ink	IK	Arkansas,U.S.A.	34.6194N 94.1025W	305	From 1962-11-10 to 1962-12-13
Ink	IK-AR	Arkansas,U.S.A.	34.6194N 94.1025W	305	From 1962-11-10 to 1962-12-13
Inkopah	IKP	California,U.S.A.	32.6488N 116.1080W	957	From 1972-11-08
Innsbruck	IBK	Austria	47.2606N 11.3847E	580	From 1973-03-01
Innsbruck	INN	Austria	47.2667N 11.4000E	575	
Inspiration	INS	California,U.S.A.	33.9356N 116.1940W	1700	From 1974-04-01
Institut Agronomique	IAG	Guadeloupe	16.0840N 61.6000W	250	
Institute	INSR	Kamchatskaya Oblast',Russia	53.0661N 158.6050E	175	
Instituto de Ingenieria, UNAM	IIM	Mexico D.F.,Mexico	19.3260N 99.1820W	2275	
Instituto de Meteorologia, Lisbon	INMG	Portugal	38.7743N 9.1257W	93	From 1993-02-01
Instituto Hidrografico de la Armada	IHA	Valparaiso,Chile	33.0258S 71.6411W	88	From 1988-01-01
Intevop	INTV	Venezuela	10.3878N 67.0514W	1594	From 2004-01-23
Introdacqua	INTR	Italy	42.0115N 13.9046E	924	From 2003-08-29
Inubo	INB	Chiba,Japan	35.7031N 140.8603E	32	
Inukjuak	INUQ	Quebec,Canada	58.4509N 78.1186W	12	From 2006-09-12
Inuvik	INK	Northwest Territories,Canada	68.3070N 133.5200W	40	From 1969-02-22
Inuyama	INU	Aichi,Japan	35.3488N 137.0170E	140	From 1966-06-01
Inveralochy	IVY	New South Wales,Australia	34.9722S 149.7180E	650	From 1983-06-14
Inveralochy	INV	New South Wales,Australia	34.9650S 149.6670E	650	From 1959-01-01 to 1983-06-14
Inveralochy	IVN	New South Wales,Australia	34.9667S 149.6670E	650	From 1972-08-09 to 1983-06-14
Inverness	IVSM	Victoria,Australia	36.1338S 147.0681E	330	
ione	IO	Nevada,U.S.A.	38.5258N 117.6389W	1737	
ione	IO-NV	Nevada,U.S.A.	38.5258N 117.6389W	1737	
ipanguacu	IPA	Rio Grande do Norte,Brazil	5.6958S 36.8561W	65	From 1987-08-01
ipeti	IPE	Panama	8.9772N 78.4933W	50	
ipil	IPIL	Mindanao,Philippines	7.7880N 122.5710E	50	
ipoh	IPM	Peninsular Malaysia,Malaysia	4.4795N 101.0255E	247	From 1979-05-26
iquique	ICC	Tarapaca,Chile	20.2840S 70.0350W	950	
iquique	IQQ	Tarapaca,Chile	20.2408S 70.1278W		From 1976-01-01
Ira	IVT	Vermont,U.S.A.	43.5221N 73.0533W	295	
Iran Long-Period Array	IR2	Iran	35.6628N 50.8976E	1172	From 1976-01-01
Iran Long-Period Array	IR7	Iran	35.7028N 50.6089E	1305	From 1976-01-01
Iran Long-Period Array	IR6	Iran	35.4737N 50.4256E	1540	From 1976-01-01
Iran Long-Period Array	IR3	Iran	35.4761N 51.0237E	1106	From 1976-01-01
Iran Long-Period Array	IR1	Iran	35.4160N 50.6890E	1347	From 1976-01-01
Iran Long-Period Array	IR5	Iran	35.2128N 50.5811E	1350	From 1976-01-01
Iran Long-Period Array	IR4	Iran	35.2387N 50.9012E	1373	From 1976-01-01
Iranshahr	IRSH	Iran	27.2000N 60.7000E	0	
Irimote jima	IRI	Ryukyu Islands,Japan	24.3857N 123.7493E	9	From 1991-03-01
Irimote-Funauki	IRIF	Ryukyu Islands,Japan	24.3348N 123.7300E	5	From 2004-03-04
Iris	IR2	California,U.S.A.	33.1908N 115.4290W	-10	
IRIS PASSCAL Instrument Center, Socorro	Y22C	New Mexico,U.S.A.	34.0741N 106.9211W	1436	From 2004-05-07 to 2007-09-28
IRIS PASSCAL Instrument Center, Socorro	Y22D	New Mexico,U.S.A.	34.0739N 106.9210W	1436	From 2007-09-29
Irkutsk	IRK	Irkutskaya Oblast',Russia	52.2431N 104.2711E	467	
Iron Canyon	IRC	California,U.S.A.	34.3900N 118.4000W	580	From 1971-11-01
Iron Mountain	IMU	Utah,U.S.A.	38.6331N 113.1580W	1832	From 1988-09-29
Iron Mountain Pumping Sta,Desert Center	IRM	California	34.1600N 115.1500W	567	From 2004-04-01
Iron Mountains	IRN	California,U.S.A.	34.1600N 115.1840W	980	
Iron Peak	KIPM	California,U.S.A.	39.8087N 123.4810W	1367	
Isabella	ISA	California,U.S.A.	35.6628N 118.4740W	873	From 1954-01-06
Isangel	INH	Vanuatu	19.5472S 169.2730E	110	From 1970-06-10
Ise	ISE	Mie,Japan	34.4585N 136.7740E	440	From 1963-10-01
Ise	IJE	Mie,Japan	34.3917N 136.7067E	135	
Isfjord	ISF	Svalbard,Norway	78.0592N 13.6403E	5	
Ishigaki jima	ISI	Ryukyu Islands,Japan	24.3317N 124.1633E	6	
Ishigaki jima 2	IJJ	Ryukyu Islands,Japan	24.3635N 124.1428E	78	
Ishihara	IHR	Kochi,Japan	33.6879N 133.4710E	510	From 1967-04-01 to 1999-08-25
Ishii	ISIK	Tokushima,Japan	34.0573N 134.4581E	27	
Ishinomaki	ISN	Miyagi,Japan	38.4250N 141.3030E	44	
Ishipane	K05	Iwate,Japan	39.3822N 141.5139E	463	
Ishtion	ISH	Tajikistan	38.8333N 70.7833E	1880	
Isikli	IKL	Turkey	36.2386N 33.6853E	120	From 1988-01-01
Iskenderun	COBT	Turkey	36.5197N 36.2556E	1710	From 1994-02-17
Isia Aves	IAV	Venezuela	15.7000N 63.6000W	0	
Isia Barro Colorado	BCIP	Central America	9.1665N 79.8373W	61	
Isia Caja Muertos	ICM	Puerto Rico	17.8930N 66.5210W	25	
Isia de Alboran	ALR	Spain	35.9392N 3.0350W	10	From 1978-10-01 to 1999-08-25
Isia del Cano	IDC	Costa Rica	8.7133N 83.8698W	10	From 1987-01-01
Isia del Coco	ICO	Costa Rica	5.5461N 87.0555W	25	
Isia de Pascua	PSC	Easter Island,Chile	27.1583S 109.4340W	50	From 1965-08-01 to 1999-08-25
Isia Desecheo	IDE	Puerto Rico	18.3864N 67.4795W	218	From 1977-02-15
Isia Fernandina	FERN	Galapagos,Ecuador	0.2667S 91.4450W	3	
Isia Guadalupe	IGM	Baja California,Mexico	28.8842N 118.2917W	65	
Isia La Blanquilla	IBAV	Venezuela	11.8230N 64.5770W	100	From 2002-07-06
Isia La Orchila	ORCV	Venezuela	11.8120N 66.1940W	22	From 2003-01-15
Isia Los Monjes	IMOV	Venezuela	12.3590N 70.9020W	67	From 2003-10-10
Isia Los Testigos	ITEV	Venezuela	11.3550N 63.1320W	13	From 2002-07-10
Isia Mona	IMOB	Puerto Rico	18.0500N 67.8700W	93	
Isia Mona	IMR	Puerto Rico	18.0884N 67.8463W	55	From 1975-11-14 to 1977-01-10
Isia Mona	IMO	Puerto Rico	18.1114N 67.9085W	84	From 1977-02-15
Island Lagoon	ILN	South Australia,Australia	31.3931S 136.8700E	137	
Isia Saona	SAON	Dominican Republic	18.1833N 68.7667W	0	
Isias Juan Fernandez	IJF	Juan Fernandez Islands,Chile	33.6167S 78.8333W	6	
Isias Marias	IMM	Nayarit,Mexico	21.6200N 106.5800W		
Isia Socorro	SRR	Colima,Mexico	18.7254N 110.9524W	60	From 1974-01-01
Isle de Caille	GRIC	Grenada	12.2856N 61.5858W	46	From 2003-05-23
Isle of Man	WIM	Isle of Man,United Kingdom	54.1472N 4.6735W	365	From 1985-01-01
Isle of Wight	SIW	England,United Kingdom	50.6711N 1.3747W	162	
Ismayilli	ISM	Azerbaijan	40.8060N 48.2100E	926	From 1982-01-01 to 2003-01-01
Ismayilli	ISL	Azerbaijan	40.8100N 48.1700E	755	From 2003-01-01
Isoka	IKZ	Zambia	10.1713S 32.6460E	1350	From 1984-01-01
Isola	ISO	Provence-Cote d'Azur,France	44.1833N 7.0500E	876	From 1960-01-01
Isola di Gorgona	GROG	Italy	43.4262N 9.8920E	118	From 2005-08-03
Isola Di Gorgona	GORG	Italy	43.4276N 9.8946E	228	From 2003-09-30
Isola di Marettimo	IMT	Sicily,Italy	37.9567N 12.0783E		
Isola Levanzo	LVI	Sicily,Italy	37.9861N 12.3389E	30	
Isola Levanzo	LV9	Sicily,Italy	37.9856N 12.3374E	20	
Isortoq, Greenland	ISOG	Greenland	65.5480N 38.9757W	12	From 2007-07-24
Isparta	ISP	Turkey	37.8433N 30.5093E	1100	
Issarbe	ISSF	Aquitaine,France	43.0278N 0.7953W	1210	
Istanbul	ITU	Turkey	41.1062N 29.0148E	98	From 1989-01-02
Istanbul	IST	Turkey	41.0456N 28.9958E	50	From 1962-02-20 to 1989-01-02
Istanbul	IST1	Turkey	41.0433N 28.9850E	65	
Istanbul-Kandilli	ISK	Turkey	41.0656N 29.0592E	132	From 1935-01-01
Istrita	ISR	Romania	45.1188N 26.5431E	750	From 1977-03-01
Itadori	ITD	Gifu,Japan	35.7238N 136.7804E	390	
Itaipu	ITB	Parana,Brazil	24.7936S 54.2089W	300	
Itaipu 1	ITB1	Parana,Brazil	24.6467S 54.3886W		From 1983-01-01
Itaipu 7	ITB7	Parana,Brazil	25.1222S 54.1753W	400	
Itaka	ITKT	Tanzania	8.8728S 32.7830E	1590	From 1992-06-14
Italian Canyon	ICI	Idaho,U.S.A.	44.3293N 112.9410W	2463	From 1992-01-01
Itanagar	INR	Arunachal Pradesh,India	27.0800N 93.6000E		From 1981-05-01
Itaparica	ITR	Pernambuco,Brazil	8.7614S 38.4233W	321	
Itatiaia	ITA	Rio de Janeiro,Brazil	22.3756S 44.7017W	2530	
Itaya	JFI	Fukuoka,Japan	33.4272N 130.3883E	660	
Itezi-Tezhi	ITZ	Zambia	15.7697S 26.0361E	1106	From 1984-01-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Ithaca	ITH	New York,U.S.A.	42.4500N	76.4833W	243	From 1909-01-01 to 1999-08-25
Ithaca	INY	New York,U.S.A.	42.4438N	76.4836W	238	From 1972-08-05
Ithomi	ITHO	Greece	37.1786N	21.9252E	400	
Ithomi	ITM	Greece	37.1797N	21.9267E	400	From 1974-10-01
Ito	ITO	Shizuoka,Japan	34.9657N	139.1000E		From 1937-06-01 to 1949-09-30
Itoigawa	ITGE	Niigata,Japan	37.0082N	137.9992E	270	
Itoiz	IPRE	Spain	42.8058N	1.3564W	530	From 2005-05-18
Itumba	ITBT	Tanzania	9.4287S	33.1858E	1270	From 1992-06-15
Itzapa	ITG	Guatemala	14.5968N	90.8455W	2320	From 1984-07-01
Iul'tin	ILT	Magadanskaya Oblast',Russia	67.8700N	178.7300W	244	
Ivanof Bay	IVF	Alaska,U.S.A.	55.8958N	159.5300W	275	
IVIC	IVIV	Venezuela	10.4038N	66.9743W	2375	From 2004-02-17
Ivigtut	IVI	Greenland	61.2000N	48.1833W	20	
Ivujivik	IVKQ	Quebec,Canada	62.4183N	77.9113W	7	From 2006-09-16
Iwai-Kita	IWJ	Chiba,Japan	35.0981N	139.8714E	0	
Iwaki	IWK	Fukushima,Japan	37.0000N	140.9490E	35	
Iwakimizuishiyama	ONAJ	Fukushima,Japan	37.1017N	140.7983E	650	From 2002-03-28
Iwanai	IWN	Hokkaido,Japan	42.6705N	143.0462E	235	From 1976-07-01
Iwaosan	IWO	Mie,Japan	34.8825N	136.1322E	400	
Iwasaki	IJW	Aomori,Japan	40.5928N	140.0070E	330	
Iwatsuki	IWT	Saitama,Japan	35.9258N	139.7381E	-3501	
Iwo jima	YUO	Bonin Islands,Japan	24.7833N	141.3170E		
Ixhuan	IHC	Chiapas,Mexico	17.2906N	93.0083W		
Ixpaco	IXG	Guatemala	14.1743N	90.4545W	1420	From 1984-10-01
Ixtacomitan	IXC	Chiapas,Mexico	17.4272N	93.1008W		
Ixtapalapa	IXT	Mexico D.F.,Mexico	19.4000N	99.1000W		
Iza	SRO1	Slovakia	47.7622N	18.2328E	111	From 2004-09-25
Izee	I07A	Oregon,U.S.A.	44.0820N	119.5042W	1293	From 2006-07-21
Izmir	URLA	Turkey	38.3602N	26.5955E	495	From 2005-05-03
Izmir	IZM	Turkey	38.3978N	27.2625E	632	From 1973-03-18
Iznic	IZI	Turkey	40.3368N	29.4728E	910	From 1990-01-01
Iznic	IZN	Turkey	40.4338N	29.7605E	195	From 1978-11-01 to 1999-08-25
Izon-la-Bruisse	OG28	Rhone-Alpes	44.2582N	5.5975E	1040	From 1991-07-18
Izuhara	IZUJ	Nagasaki,Japan	34.1950N	129.2930E	3	From 1991-09-01
Izuhara	IZUJ	Nagasaki,Japan	34.1950N	129.2933E	18	
Izuhara 2	IZU2	Nagasaki,Japan	34.2273N	129.2733E	410	From 1991-02-26 to 2002-10-23
Izumi	IJU	Kumamoto,Japan	32.5733N	130.7933E	230	
Izumi	IJT	Hyogo,Japan	34.9722N	134.8876E	230	
Izumi 2	IJU2	Kumamoto,Japan	32.5453N	130.8145E	260	
Izumozaki	IJZZ	Niigata,Japan	37.5317N	138.7095E	40	
Izushimoda	IJZS	Shizuoka,Japan	34.7178N	138.8782E	135	
Jabal Ad Dan - Dhamar Gov. - Yemen	ADDN	Yemen	14.3530N	43.8500E	2598	From 1997-01-20
Jabal al Asfar	ASF	Jordan	32.1723N	36.8972E	937	
Jabal al Khashab	KHB	Egypt	29.9280N	30.9750E	265	
Jabal al Moallq	JMOS	Saudi Arabia	29.1686N	35.1094E		
Jabal at Tayr	GTR	Egypt	25.5096N	30.5595E	155	
Jabal bu Thady	BTHT	Tunisia	35.1323N	10.2852E	240	
Jabal Farasan	FRJS	Saudi Arabia	22.5905N	39.3638E		
Jabal Katrina	HKAT	Egypt	28.5229N	33.9928E	1729	
Jabal Laban	LBNS	Saudi Arabia	21.0465N	39.9013E		
Jabal Madar	JMDO	Oman	22.3701N	58.1035E	350	From 2001-07-01
Jabal Masmah	HMSM	Egypt	22.8814N	31.8890E	375	
Jabal Moqyreh	JMOS	Saudi Arabia	28.8861N	35.8778E		
Jabalpur	JBP	Madhya Pradesh,India	23.1667N	79.9833E	0	
Jackboy Hill	MJHT	Montserrat	16.7672N	62.1698W	149	
Jackerath	JCK	Nordrhein-Westfalen,Germany	51.0363N	6.4318E	-240	From 1981-01-01
Jackman	JKM	Maine,U.S.A.	45.6555N	70.2426W	378	
Jack Peak	JPK	Alaska,U.S.A.	61.0552N	146.5978W	835	
Jackson	JS-TN	Tennessee,U.S.A.	35.6556N	88.6128W	152	From 1961-12-11 to 1962-06-28
Jackson	JS-	Tennessee,U.S.A.	35.6556N	88.6128W	152	From 1961-12-11 to 1962-06-28
Jackson	G14A	Montana,U.S.A.	45.2432N	113.4604W	2140	From 2006-11-10
Jackson Bay	JCZ	South Island,New Zealand	44.0750S	168.7583E	1072	From 2004-06-22
Jackson Lake Dam	JLDW	Wyoming,U.S.A.	43.8562N	110.5873W	2074	
Jacksonville	JAC	Florida,U.S.A.	30.4167N	81.6500W	9	From 1950-01-01 to 1956-12-31
Jacoby Creek	JCC	California,U.S.A.	40.8175N	124.0296W	27	
Jacura	JACV	Venezuela	11.0880N	68.8300W	349	From 2002-10-30
Jaen	EXJA	Spain	37.7720N	3.7890W	549	
Jaguaretama	CS6B	Ceara,Brazil	5.4945S	38.6708W	112	From 2003-10-03 to 2005-06-16
Jahuel	JACH	Aconcagua,Chile	32.6819S	70.5929W	1075	
Jaisalmer	JASL	Rajasthan,India	26.9243N	70.9030E	223	From 2002-01-18
Jakarta	DJA	Jawa,Indonesia	6.1833S	106.8360E	8	
Jalalah	GLL	Egypt	29.5772N	31.7081E	519	
Jama	JAMA	Ecuador	0.2612S	80.2058W	680	From 1992-02-05
Jamag	JMAG	Xizang Zizhiqu,China	29.6880N	91.6694E	4160	From 2004-06-14
JAMBI	JMBI	Jawa	1.6335S	103.6417E	0	From 2005-01-01
James Farms, Milford	R14A	Utah,U.S.A.	38.2987N	113.0213W	1542	From 2007-02-27
Jamestown	JAS1	California,U.S.A.	37.9267N	120.4210W	398	From 1984-07-03 to 1986-11-06
Jamestown	JAS	California,U.S.A.	37.9466N	120.4393W	428	From 1964-01-01 to 1984-06-30
Jammu	JMU	Jammu and Kashmir,India	32.7167N	74.9000E		
Janina	JAN	Greece	39.6567N	20.8508E	540	
Jan Mayen	JMIC	Norway	70.9883N	8.5167W	0	
Jan Mayen	JMI	Jan Mayen Island,Norway	70.9283N	8.7308W	50	From 1996-01-18
Jan Mayen East	JNE	Jan Mayen Island,Norway	70.9900N	8.2970W	57	From 1996-01-18
Jan Mayen West	JNW	Jan Mayen Island,Norway	71.0290N	8.4280W	95	From 1996-01-18
Jaout	JAU	Aquitaine,France	43.0380N	0.3693W	1545	
Jarabacoa	DR07	Dominican Republic	19.0856N	70.5981W	1030	
Jarash	JARJ	Jordan	32.2375N	35.9461E	840	From 1984-10-01
Jardin	JDN	Chiapas,Mexico	17.1650N	92.5000W	920	
Jasper	JA-	Minnesota,U.S.A.	43.8900N	96.3214W	518	
Jasper	JP-AT	Alberta,Canada	52.8972N	118.0903W	1128	
Jasper	JA-MN	Minnesota,U.S.A.	43.8900N	96.3214W	518	
Jasper	JP-	Alberta,Canada	52.8972N	118.0903W	1128	
Jasper Ridge	JRSC	California,U.S.A.	37.4037N	122.2387W	70	From 1994-06-30
Jatai	JATB	Goias	17.8929S	51.4929W	819	From 2004-01-07 to 2006-08-09
Jatiwangi	JCJI	Jawa,Indonesia	6.4900S	108.2700E	0	
Jato	JAT	Guatemala	14.3180N	91.6367W	68	From 1979-11-01
J.Aulia	JAWL	Sudan	15.2340N	32.4820E	426	From 2003-11-01
Jausiers	JAUF	Provence-Cote d'Azur,France	44.4292N	6.7500E	1585	From 1990-09-12
Javornik	JAVS	Slovenia	45.8934N	14.0643E	1100	From 2004-01-01
Jaww	BJA	Bahrain	25.9917N	50.6083E		
Jayapura	JAY	Irian Jaya,Indonesia	2.5148S	140.7047E	400	From 1973-04-01
Jbel Babet	JBB	Morocco	35.0130N	4.1980W	1230	From 1994-08-10
Jbel Lahdid	JHA	Morocco	31.7360N	9.4540W	725	
Jbel Ouklim	JOK	Morocco	31.4060N	5.5650W	1669	
Jecheon	KSJEC	South Korea	37.1538N	128.1912E	263	From 2000-11-20
Jeeralang Junction	JENM	Victoria,Australia	38.3507S	146.4197E	330	
Jefferson College	JCMO	Illinois,U.S.A.	38.2575N	90.5585W	237	
Jehonathan	JNI	Israel	32.9500N	35.8270E	500	
Jehsanih	JEHI	Bali,Indonesia	8.0833S	115.2130E	60	
Jeju	KSJJU	South Korea	33.4306N	126.5463E	542	From 2003-12-03
Jena	JE-LA	Louisiana,U.S.A.	31.7847N	92.0153W	46	From 1964-02-06 to 1967-01-16
Jena	JEN	Thuringen,Germany	50.9519N	11.5833E	193	
Jena (USA)	JE-	Louisiana,U.S.A.	31.7847N	92.0153W	46	From 1964-02-06 to 1967-01-16
Jenkinsville	JSC	South Carolina,U.S.A.	34.2817N	81.2603W	120	
Jenolan Black	JBRM	New South Wales,Australia	33.7618S	150.0486E	1235	
Jenolan Caves	JNL	New South Wales,Australia	33.8257S	150.0219E	829	From 1959-01-01
Jenson Cabin	JECI	Idaho,U.S.A.	44.3722N	114.1840W	2135	From 1983-12-01
Jeongeup	KSJEU	South Korea	35.4935N	126.9298E	182	From 2003-11-26
JEONGSEON	KSJES	South Korea	37.4303N	128.6654E	414	From 2006-12-30
Jeonju	KSCHO	South Korea	35.8178N	127.1542E	53	From 1999-05-18
Jeri Cho Mine, NWT	JERN	Northwest Territories	66.0194N	111.4672W	476	From 2006-07-21
Jermuk	DZR	Armenia	39.8800N	45.7000E	2115	
Jerome	JR-AZ	Arizona,U.S.A.	34.8256N	111.9903W	1311	From 1964-03-30 to 1965-10-04
Jerome	JR-	Arizona,U.S.A.	34.8256N	111.9903W	1311	From 1964-03-30 to 1965-10-04
Jersey	JRS	Channel Islands,United Kingdom	49.1924N	2.0917W	53	From 1981-11-01
Jersey	VJYM	Oregon,U.S.A.	44.9022N	120.9740W	951	
Jersey Dam (Crest)	JDC	Channel Islands	49.1847N	2.0469W	39	From 1992-07-01
Jersey Dam (Gallery)	JDG	Channel Islands	49.1947N	2.0469W	7	From 1992-07-01
Jerusalem	JER	Israel	31.7719N	35.1972E	770	From 1954-01-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Jesolo	IESO	Italy	45.5200N	12.5500E	0	
Jette	JTMT	Montana,U.S.A.	47.7467N	114.2825W	1469	
Jewell Farm	JFWS	Wisconsin,U.S.A.	42.9143N	90.2481W	335	From 1992-07-29
Jhansi	JHNS	Uttar Pradesh,India	25.4658N	78.5395E	250	
Jialil	SCLT	Taiwan region	23.1750N	120.1940E	7	
Jian Township	EGA	Taiwan region	23.9730N	121.5630E	37	From 1998-08-07
Jiashian	SGST	Taiwan region	23.0820N	120.5830E	278	
Jicamarca	PT05	Peru	11.9548S	76.8693W	700	
Jicaral	JCR	Costa Rica	9.8498N	85.1118W	575	
Jichi Village	TEGC	Taiwan region	23.7090N	121.5400E	5	From 1999-08-04
Jilotepec	JIL	Veracruz,Mexico	19.6307N	96.9333W	1330	
Jim Creek	JCW	Washington,U.S.A.	48.1935N	121.9300W	616	
Jimena Frontera	EJIM	Spain	36.4514N	5.4689W	260	From 1987-04-01 to 1988-05-19
Jimena Frontera	EJIF	Spain	36.4513N	5.4688W	260	From 1988-05-20
Jim Sage Mountain	JSM	Idaho,U.S.A.	42.1313N	113.3825W	1524	
Jindabyne	JIN	New South Wales,Australia	36.4394S	148.5930E	960	From 1958-01-01 to 1972-08-09
Jindrichovice	JIND	Czech Republic	50.2621N	12.6168E	722	
Jinju	KSJIN	South Korea	35.1615N	128.0301E	72	From 2005-12-16
Jinju	KSCHI	South Korea	35.2032N	128.1194E	21	From 1999-05-16
Jinotega	JIG	Nicaragua	13.2012N	85.7708W	1249	From 1975-01-01
Jiouru	SGLT	Taiwan region	22.7250N	120.4910E	30	
Jiquilpan	JQX	Baja California,Mexico	32.5080N	115.0710W	5	
Jiri	JIRN	Nepal	27.6600N	86.1900E	3064	From 1994-04-01
Jizan	JIZN	Saudi Arabia	16.9590N	42.8250E	100	From 1989-02-01
Jizan	JAZS	Saudi Arabia	17.0684N	42.9174E	173	
Joaquin Canyon North	JCNB	California,U.S.A.	35.9390N	120.4311W	309	
Joaquin Canyon South	JCSB	California,U.S.A.	35.9212N	120.4340W	299	
Joaquin Lookout	JOAQ	New Mexico,U.S.A.	35.7708N	106.8410W	2768	From 1978-11-11
Joaquin Road	JJRM	California,U.S.A.	37.3447N	122.2010W	430	
Jocasse View	JJW	South Carolina,U.S.A.	34.9923N	82.9977W	554	
Jochberg	FJOB	Bayern,Germany	47.7372N	12.7957E	860	From 2001-05-15
Jocotitlan	IJ	Mexico:State,Mexico	19.7340N	99.7340W	3900	
Jocotitlan	JCM	Mexico D.F.,Mexico	19.7342N	99.7611W		From 1988-01-01
Joensuu	JOF	Finland	62.9182N	31.3124E	180	From 1981-09-29
Joensuu	JOE	Finland	62.6517N	29.6950E	90	
Johannesberg	BPI	Transvaal, South Africa	26.1750S	28.0300E	1700	
Johannesburg	JOH	Transvaal, South Africa	26.1817S	28.0750E	1806	
John Jarvie Ranch (BLM), Flaming Gorge	N19A	Utah,U.S.A.	40.8936N	109.1772W	1703	From 2007-08-18
Johnnie	JON	Nevada,U.S.A.	36.4399N	116.1033W	939	From 1978-07-24 to 2002-12-10
Johnny Jack Ridge	KJJM	California,U.S.A.	40.2477N	124.3070W	725	
John's Creek	JCE1	Oklahoma,U.S.A.	35.5812N	97.9003W	413	
John Smith Road	HJSM	California,U.S.A.	36.8165N	121.2990W	215	From 1975-06-01
Johnson	JHN	Nebraska,U.S.A.	40.4469N	96.0175W	329	From 1978-12-01 to 2001-07-15
Johnson Can.	BJCM	California,U.S.A.	36.5470N	121.3920W	207	From 1969-06-18
Johnson Can.	AN15*	California,U.S.A.	36.5470N	121.3920W	207	From 1969-06-18
Johnson Canyon	JHC	California,U.S.A.	36.5470N	121.3920W	207	From 1969-06-18
Johnson Ranch, Cut Bank	A15A	Montana,U.S.A.	48.9777N	112.7327W	1236	From 2007-09-13
Johns Peak	WJPM	California,U.S.A.	35.4108N	118.4810W	1122	
John Stanford Center Downhole Anss-SM	SSS1	Washington	47.5818N	122.3311W	-20	From 2004-10-24
Johnston I.	JN-	Line Islands,Kiribati	16.7339N	169.5281W	3	From 1962-03-31 to 1962-08-02
Johnston Island	JOHN	Johnston Island	16.7329N	169.5292W	-36	
Johnston Island	JN-IS	Johnston Island	16.7339N	169.5281W	3	From 1962-03-31 to 1962-08-02
Jolan Road	PJLM	California,U.S.A.	36.0898N	121.1560W	290	
Jolon Road	JOL	California,U.S.A.	36.0837N	121.1690W	336	From 1969-06-18
Jolon Road	PJRM	California,U.S.A.	36.0837N	121.1690W	336	From 1969-06-18
Jones Farm, Ritzville	D09A	Washington,U.S.A.	47.0615N	118.3092W	540	From 2006-08-29 to 2008-06-10
Jones Ranch, Declo	K14A	Idaho,U.S.A.	42.5452N	113.1760W	1387	From 2006-12-28
Joppolo	JOPP	Italy	38.6068N	15.8856E	500	From 2006-08-07
Jordan	GUIM	Panay,Philippines	10.6260N	122.5890E	50	
Jordan	JO-MN	Minnesota,U.S.A.	44.7069N	93.5083W	290	From 1962-07-13 to 1962-07-30
Jordan	JO-	Minnesota,U.S.A.	44.7069N	93.5083W	290	From 1962-07-13 to 1962-07-30
Jordan Butte	JBO	Oregon,U.S.A.	45.4616N	119.8370W	645	From 1982-09-01
Jordanelle	JLU	Utah,U.S.A.	40.6019N	111.4499W	2285	From 1981-09-28
Jordan Ranch	JRTX	Texas,U.S.A.	32.9340N	100.9530W	804	From 1979-01-01
Jordan River	JRBB	British Columbia	48.4300N	123.0522W	24	From 2008-05-13
Jordan Valley	JVI	Israel	31.9380N	35.3390E	680	From 1986-07-17
Jorden Valley SMO	JORV	Oregon	42.9777N	117.0537W	1338	From 2004-07-01
Jorhat	JHI	Assam,India	26.7333N	94.1667E	84	From 1979-01-01
Joseph F. Staten	JFS	California,U.S.A.	35.3508N	117.6700W	1433	From 1979-06-01
Joseph's Coat	YJC	Wyoming,U.S.A.	44.7555N	110.3492W	2684	
Joshimath	JOSI	India	30.5558N	79.5582E	1889	From 2002-04-09
Joshua Ridge West	JRWM	California,U.S.A.	35.9943N	117.8215W	1366	
Joshua Tree	NYJ	Nevada,U.S.A.	37.0800N	115.9750W	1286	From 1971-01-01 to 1973-01-31
Joshua Tree Park	JTR	California,U.S.A.	33.8140N	115.9002W	1372	
Josvafo	JOS	Hungary	48.4958N	20.5394E	280	
Jouge	JJG	Hiroshima,Japan	34.6412N	133.1543E	470	
Jozini	JOZ	Natal, South Africa	27.4450S	32.0783E	244	From 1976-07-01 to 1999-08-25
J Risha	RSHJ	Jordan	30.2610N	35.2330E	357	From 1989-12-15
J Risha	JRSJ	Jordan	30.2610N	35.2330E	357	From 1989-12-15
J. Sargent Reynolds Community College	JSRW	New York,U.S.A.	37.6938N	77.8786W	67	
Juana Nunez	DR1	Dominican Republic	19.3114N	70.6961W		
Juana Nunez	DR01	Dominican Republic	19.3114N	70.6961W	505	
Juan Diaz	JUD	Costa Rica	10.1620N	85.5470W	844	From 1984-11-01
Juan Diaz 2	JUD2	Costa Rica	10.1670N	85.5412W	680	
Jubany	JUBA	South Shetland Islands,Antarctica	62.2373S	58.6627W	16	
Judd Hill Plantation	JHP	Arkansas,U.S.A.	35.6050N	90.5100W	68	
Jufra	LJFR	Libya	29.1018N	15.8128E	351	
Jug	JUM	New Mexico,U.S.A.	35.9050N	106.6680W	2400	
Jugenheim	JUG	Hessen,Germany	49.7667N	8.6000E		
Juive	JUI6	Ecuador	1.4244S	78.4686W	2422	From 2007-07-13
Juive	JUIV	Ecuador	1.4238S	78.4647W	2380	From 1992-02-04
Juive 3	JUI3	Ecuador	1.4218S	78.4767W	2425	
Juiz de Fora	JFO	Minas Gerais,Brazil	21.7277S	43.3254W	780	From 1990-08-01
Jujurieux	OG05	Frache Comte,France	46.0405N	5.4583E	400	
Jujuy	JUJ	Jujuy,Argentina	24.2458S	65.2728W	1270	
Julian	JULC	California,U.S.A.	33.0483N	116.6130W	1292	From 1978-04-01
Julich	JUE	Nordrhein-Westfalen,Germany	50.9100N	6.4070E	91	From 1974-11-01
Jumaytepeque	JMG	Guatemala	14.3387N	90.2703W	1815	From 1979-05-01
Jumilla	EXJU	Spain	38.4750N	1.3160W	520	
Junction	R15A	Utah,U.S.A.	38.2108N	112.2767W	1861	From 2007-05-21
Junction City	JCT	Texas,U.S.A.	30.4794N	99.8022W	591	From 1965-03-01
Juneau Island	JIS	Alaska,U.S.A.	58.2762N	134.3831W	10	From 1995-04-18
June Lake	JLK	Washington,U.S.A.	46.1467N	122.1530W	1049	
Jungingen	JUND	Baden-Wuerttemberg,Germany	48.3301N	9.0408E	600	From 1976-01-01
Juni	PT11	Peru	11.5490S	75.7150W	4480	From 1983-09-21
Juniper Basin Ranch, Riddle	L10A	Idaho,U.S.A.	42.0773N	116.4711W	1537	From 2007-01-10
Juniper Gulch	JGI	Idaho,U.S.A.	44.0925N	112.6770W	1657	From 1979-11-06
Juniper Hills	JNH	California,U.S.A.	34.4475N	117.9540W	1317	From 1977-11-01
Junjel	JNJ	Guatemala	15.3988N	91.4287W	3348	From 1980-01-01 to 1999-08-25
Junjo	JU-	Texas,U.S.A.	30.1119N	101.0772W	533	From 1964-04-04 to 1964-08-11
Junjo	JU-TX	Texas,U.S.A.	30.1119N	101.0772W	533	From 1964-04-04 to 1964-08-11
JuntasAbangares	JTS	Costa Rica	10.2908N	84.9525W	340	
Juquia	JUQB	Sao Paulo,Brazil	24.0930S	47.7163W	470	
Jwalamukhi	JWA	Himachal Pradesh,India	31.8667N	76.3333E		
Jwalamukhi	JWL	Himachal Pradesh,India	31.8700N	76.3706E	0	
Jyotipuram	JYP	Jammu and Kashmir,India	33.1083N	74.8500E		
Kaapuna	KUH	Hawaii,U.S.A.	19.2663N	155.8710W	524	From 1972-01-04
Kabakon Island	EDY	New Ireland,Papua New Guinea	4.2395S	152.3890E	5	
Kabansk	KAB	Buryatiya,Russia	52.0500N	106.6539E	468	
Kabd	KBD	Kuwait	29.1756N	47.6933E	124	
Kabsdagh	KBSD	Syria	37.0013N	40.5430E	562	From 2002-04-01
Kabul	KBL	Afghanistan	34.5408N	69.0432E	1920	
Kabul (SRO)	KAAO	Afghanistan	34.5408N	69.0432E	1920	From 1977-05-10
Kadinhani	KDHN	Turkey	38.5211N	32.1164E	1122	From 2005-02-23
Kadzharan	KDR	Armenia	39.1500N	46.1000E	2155	From 1972-01-01
Kaena	KAE	Hawaii,U.S.A.	19.2892N	155.1320W	37	From 1973-05-08
Kaena Point	KPH	Hawaii,U.S.A.	21.5761N	158.2750W	110	From 1965-04-01 to 1976-12-31
Kafrein	KFNJ	Jordan	31.8617N	35.6760E	-90	From 1983-09-01
Kaftarguzar	KFTR	Tajikistan	38.8300N	70.1500E	1800	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Kaga	JKG	Ishikawa,Japan	36.2767N	136.3317E	25	
Kagalaska	AD3	Alaska,U.S.A.	51.7428N	176.3570W	198	From 1974-01-01 to 1992-02-01
Kagalaska Island	ETKA	Alaska,U.S.A.	51.8619N	176.4059W	290	
Kagoshima	KAG	Kagoshima,Japan	31.5508N	130.5508E	2	
Kagoshima 2	KAGJ	Kagoshima,Japan	31.1867N	130.8883E	200	
Kahang-Kahang	KHKI	Bali,Indonesia	8.3643S	115.6080E		
Kaharoa	KARZ	North Island	38.0219S	176.2438E	500	From 2006-07-11
Kahramanmaras	KMRS	Turkey	37.5053N	36.9000E	590	From 2006-08-30
Kahuku	KHU	Hawaii,U.S.A.	19.2483N	155.6180W	1939	From 1969-08-26
Kahuranaki	KAHZ	North Island	39.7959S	176.8764E	638	From 2007-06-07
Kahutara	KHZ	South Island,New Zealand	42.4181S	173.5400E	70	From 1988-11-01
Kaiam	KIAM	Papua New Guinea	7.1124S	143.9224E	307	
Kaiamu	PGKAI	New Britain,Papua New Guinea	5.4659S	150.9134E	10	
Kaibab National Forest USFS, William	V15A	Arizona,U.S.A.	35.8191N	112.1731W	1891	From 2007-04-19
Kaikoura	KKZ	South Island,New Zealand	42.4219S	173.6960E	109	From 1980-06-04 to 1989-06-08
Kaikoura West	KKY	South Island,New Zealand	42.4200S	173.6920E	101	From 1972-06-08 to 1980-06-04
Kailua Kona	KKH	Hawaii,U.S.A.	19.6567N	156.0186W	14	From 1975-01-01
Kaimata	KAI	South Island,New Zealand	42.5258S	171.4090E	82	From 1942-09-01 to 1990-12-05
Kainokawa	KKW	Wakayama,Japan	33.8987N	135.4420E	260	
Kaiser Creek	KCC	California,U.S.A.	37.3236N	119.3187W	888	
Kaiserville	KVN	Nevada,U.S.A.	39.0510N	118.1000W	1829	From 1972-01-13
Kaitaia	KIT*	North Island,New Zealand	35.1083S	173.2650E	91	
Kaitanek	KTNR	Altayskiy Kray,Russia	50.1470N	85.4650E	979	
Kaizawa	KZW	Aomori,Japan	40.6915N	140.3631E	160	
Kajaani	KJN	Finland	64.0853N	27.7119E	250	
Kajaani	KJF	Finland	64.1992N	27.7147E	160	From 1970-07-09 to 1990-03-31
Kakadu	KAKA	Northern Territory,Australia	12.7115S	132.4396E	100	
Kakani	KKN	Nepal	27.7900N	85.2800E	1920	From 1980-03-01
Kakaramea	KATZ	North Island,New Zealand	38.9764S	175.6946E	1280	
Kakegawa	JKKG	Shizuoka,Japan	34.7857N	137.9732E	-450	
Kakegawa	KGW	Shizuoka,Japan	34.8626N	138.0222E	69	
Kakik	KHI	Iran	34.1433N	58.6417E	1600	From 1971-04-01
Kakioka	KAK	Ibaraki,Japan	36.2317N	140.1930E	27	
Kakioka Outpost	KAKJ	Ibaraki,Japan	36.2050N	140.1730E	-60	From 1978-01-01
Kalahroud	IKLH	Iran	33.3190N	51.5787E	2185	From 2000-09-01
Kalaidasht	KLD	Tajikistan	38.5300N	69.4800E		
Kalalua Cone	KLCH	Hawaii,U.S.A.	19.4058N	155.0680W	659	
Kalamazoo	KZM	Michigan,U.S.A.	42.1528N	85.8211W		From 1978-02-01 to 1996-12-31
Kalaupapa	KPA	Hawaii,U.S.A.	21.1900N	156.9848W	4	
Kalayaan	KIPH	Spratty Islands	11.0530N	114.2840E	2	
Kald?r?sel	IKAS	Iceland	64.0229N	21.8520W	108	From 2006-02-03
Kalfafell	IKAL	Iceland	63.9480N	17.6870W	78	From 1996-10-22
Kalgarh	KALG	Uttar Pradesh,India	29.5062N	78.7537E	0	
Kalgoorlie	KLG	Western Australia,Australia	30.7837S	121.4580E	360	From 1964-01-01 to 1986-05-12
Kalgoorlie	KLGA	Western Australia,Australia	30.7175S	121.4380E	390	From 1986-05-12 to 1988-08-10
Kalianget	KMMI	Jawa,Indonesia	7.0500S	113.9667E	0	
Kaliastana	KALI	Jawa,Indonesia	7.1064S	106.6590E	810	
Kalibo	KALP	Panay,Philippines	11.6780N	122.3380E	15	
Kalitheia	KALE	Greece,Greece	38.3911N	22.1398E	760	From 2008-01-01
Kalix	KALU	Sweden	65.8596N	23.3567E	30	From 2006-09-19
Kalltalsperre	KLL	Nordrhein-Westfalen,Germany	50.6467N	6.3113E	440	
Kalmit	KTD	Rheinland-Pfalz,Germany	49.3202N	8.0837E	670	From 1971-10-01
Kalocsa	KAL	Hungary	46.5286N	18.9764E	93	
Kaloudiana Chania	KLDN	Crete	35.4870N	23.6905E	44	From 2006-12-01
Kalpa	KLP	Himachal Pradesh,India	31.5333N	78.2500E	2724	
Kalwaria	KWV	Poland	49.6314N	22.7075E	448	From 1999-06-24
Kamafusa	KMF	Miyagi,Japan	38.2100N	140.7017E	180	
Kamakawa 2	JKK2	Kamikawa,Japan	43.8728N	142.7480E	350	
Kamakura	KMK	Kanagawa,Japan	35.3167N	139.5500E		
Kaman	KAMT	Turkey	39.3690N	33.7130E	1161	
KAMANJAB	KJAB	Namibia	19.6200S	14.8480E	1071	From 2006-04-05
Kamaron Island	KAMRY	Yemen	15.3327N	42.6158E	23	From 2007-10-10
Kamata	KTJ	Shizuoka,Japan	34.9433N	139.0870E	58	From 1979-04-01 to 1990-03-20
Kamata 2	KTJJ	Shizuoka,Japan	34.9252N	139.0640E	175	From 1990-03-20
Kambalda	KMBL	Western Australia,Australia	31.3669S	121.8821E	370	
Kamenistaya	KMNR	Kamchatskaya Oblast',Russia	55.7560N	160.2370E	1100	
Kamenskoye	KAMR	Kamchatskaya Oblast',Russia	62.4560N	166.2100E	64	From 1994-10-10
Kameyama	KMYN	Mie,Japan	34.8670N	136.3500E	240	
Kameyama	KAM	Mie,Japan	34.8567N	136.4650E	71	
Kami	KMA	Albania	42.2620N	20.2428E		
Kamigamo	KGMK	Kyoto,Japan	35.0593N	135.7657E	180	
Kamigamo	KMM	Kyoto,Japan	35.0333N	135.7000E	190	
Kamikawa	JKK	Kamikawa,Japan	43.8117N	142.8472E	430	
Kamikineusu	KMU	Hidaka,Japan	42.2386N	142.9670E	185	From 1967-07-01
Kamikuga	KKGU	Tochigi,Japan	36.5979N	139.6250E	280	From 1976-07-17
Kamimonzen	KV02	Miyazaki,Japan	31.9931N	130.8364E	430	
Kamimuroga	KRJ	Nagano,Japan	36.4164N	138.1510E	621	From 1968-07-01
Kaminaka	KMNM	Tokushima,Japan	33.7865N	134.3057E	280	
Kaminokuni	KKJ	Hiyama,Japan	41.7789N	140.1757E	70	
Kamitakara	KTJD	Gifu,Japan	36.2802N	137.3271E	760	
Kamo	KAMZ	Armenia	40.8250N	43.9500E	1230	
Kamor	KAMOR	Switzerland	47.2896N	9.4875E	1730	
Kamuella	KML	Hawaii,U.S.A.	20.0317N	155.7000W	740	
Kanab	KN-	Utah,U.S.A.	37.0228N	112.8275W	1737	From 1961-12-09 to 1999-08-25
Kanab	KNB	Utah,U.S.A.	37.0166N	112.8220W	1715	From 1968-11-01
Kanab	KN-UT	Utah,U.S.A.	37.0228N	112.8275W	1737	From 1961-12-09 to 1999-08-25
Kanaga Island Cape Miga	KICM	Alaska,U.S.A.	51.9189N	177.1953W	183	
Kanaga Island Kanaga Volcano	KIKV	Alaska,U.S.A.	51.8788N	177.1704W	411	
Kanaga Island MID Benchmark	KIMD	Alaska,U.S.A.	51.7616N	177.2349W	183	
Kanaga Island North Cape	KINC	Alaska,U.S.A.	51.9314N	177.1276W	198	
Kanaga Island Round Head	KIRH	Alaska,U.S.A.	51.8996N	177.0935W	309	
Kanaga Island Westway Bight	KIWB	Alaska,U.S.A.	51.8531N	177.1508W	244	
Kanahau	KANH	Hawaii,U.S.A.	20.6933N	156.2913W	2745	
Kanaihara	KNJD	Shiga,Japan	35.5716N	136.2846E	300	
Kanaka Peak	KPK	California,U.S.A.	39.5833N	121.3050W	899	From 1969-01-01
Kanangra Walls	KANM	New South Wales,Australia	33.9966S	150.0668E	1206	
Kanayama	KNY	Fukushima,Japan	37.4004N	139.5580E	390	
Kanazawa	KAN	Ishikawa,Japan	36.5467N	136.6480E	28	
Kanazawa	KANJ	Ishikawa,Japan	36.5867N	136.6370E	0	From 1991-10-23
Kanazawa 2	KAN2	Ishikawa,Japan	36.5250N	136.7767E	530	From 1992-04-24
Kanchanaburi	KBR	Thailand	14.0167N	99.5333E	28	From 1986-12-01
Kandavu Island	KDV	Fiji	18.9655S	178.3470E	390	
Kandira	KND	Turkey	41.0527N	30.1608E	50	From 1978-11-01 to 1999-08-25
Kanekii	KIH	Hawaii,U.S.A.	19.5093N	155.7650W	1841	
Kane Nui o Hamo	KNHH	Hawaii,U.S.A.	19.3794N	155.1693W	954	
Kaneyama	JYK	Yamagata,Japan	38.9178N	140.3590E	220	
Kangasniemi	NE62	Finland	62.1120N	26.3060E	124	
Kangasniemi	KAF	Finland	62.1128N	26.3061E	205	From 1977-08-31
Kangerlussuaq 2	SFJD	Greenland	66.9960N	50.6215W	80	
Kangerlussuaq 2	SF2	Greenland	66.9967N	50.6226W	0	
Kangurt	KNR	Tajikistan	38.2500N	69.5300E		
Kano Inlet	KANO	British Columbia,Canada	53.2883N	132.6175W	221	
Kansas City	KC-	Missouri,U.S.A.	39.3558N	94.6714W	274	From 1965-10-17 to 1967-01-16
Kansas City	KC-MO	Missouri,U.S.A.	39.3558N	94.6714W	274	From 1965-10-17 to 1967-01-16
Kansas State University--Konza Prairie	KSU1	Kansas,U.S.A.	39.1009N	96.6094W	347	
Kantara	KANT	Cyprus	35.3830N	33.8800E	0	
Kantishna Hills	KTH	Alaska,U.S.A.	63.5530N	150.9220W	975	From 1988-08-15
Kanton	KNTN	Phoenix Islands,Kiribati	2.7744S	171.7190W	0	
Kanzaki	KZT	Hyogo,Japan	35.0739N	134.7933E	200	
Kaohsiung	KAU	Taiwan region	22.5679N	120.3080E	2	
Kaohsiung Port	KAUP	Taiwan region	22.5540N	120.3150E	0	From 2001-08-27
Kaoiki Faults	KFH	Hawaii,U.S.A.	19.4210N	155.4190W	1579	
Kapahiang	KSI	Sumatera,Indonesia	3.6517S	102.5929E	539	
Kapapala Ranch	KLH	Hawaii,U.S.A.	19.2733N	155.4450W	610	From 1969-10-02 to 2000-11-09
Kapiti Island	KIW	North Island,New Zealand	40.8625S	174.9095E	349	From 1978-04-10
Kapoho	KPO	Hawaii,U.S.A.	19.5003N	154.8420W	134	
Kappang	KPNG	Sulawesi,Indonesia	5.0153S	119.7508E	300	
Kappang	KAPI	Sulawesi,Indonesia	5.0142S	119.7517E	30	
Kap Tobin	KTG	Greenland	70.4167N	21.9833W	6	From 1980-09-30 to 2000-05-26

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
KapusKasing	KAPO	Ontario,Canada	49.4504N 82.5079W	210	
KapusKasing	KAO	Ontario,Canada	49.4483N 82.4850W	198	
Kaputan	KAPZ	Armenia	40.3220N 44.6990E	1700	From 1982-09-18 to 1999-08-25
Karabiga	KGT	Turkey	40.4517N 27.3033E	185	From 1984-03-14
Karabiga-Canakkale	KRBG	Turkey	40.3932N 27.2977E	76	From 2008-06-27
Karacabey	KCT	Turkey	40.2656N 28.3567E	451	From 1983-06-01
Karacayir	SVSK	Turkey	39.9170N 36.9980E		
Karachi	KAR	Pakistan	24.9333N 67.1433E	34	
Karad	KAD	Maharashtra,India	17.3075N 74.1833E	582	From 1970-01-01
Karad	KARD	Maharashtra,India	17.3074N 74.1834E	618	
Karadeniz	KDE	Turkey	41.2889N 31.4250E	290	From 1982-07-01
Karadeniz Ereoli	KDZE	Turkey	41.3132N 31.4429E	410	From 2006-06-29
Karagaybulak	KBK	Kyrgyzstan	42.6564N 74.9478E	1760	
Karahalli	KHAL	Turkey	38.3703N 29.4917E	1141	From 2007-05-30
Karahalli	KHL	Turkey	38.3232N 29.5232E	940	From 1988-08-01
Karaikal	KRKL	Tamil Nadu,India	10.9000N 79.8667E		
Karaisali	KARA	Turkey	37.2607N 35.0546E	366	From 2005-08-26
Karakunidake	KV06	Miyazaki,Japan	31.9494N 130.8711E	1100	
Karamursel	KMS	Turkey	40.6727N 29.5911E	280	From 1978-08-01 to 1999-08-25
Karanay	KRNR	Dagestan,Russia	42.8269N 46.9069E	1150	
KarangKates	KRKI	Jawa,Indonesia	8.1583S 112.4525E	0	
Karang Pucung	KPJI	Jawa	7.3330S 108.9310E	0	From 2007-12-01
Karanos	KARN	Crete,Greece	35.4019N 23.9174E	420	From 2004-12-03
Karapiro	KRP	North Island,New Zealand	37.9250S 175.5370E	64	From 1951-06-01 to 1990-02-06
Karasu	KRU	Tajikistan	38.4800N 68.9700E		
Karatas	KRTS	Turkey	36.5731N 35.3749E	53	From 2005-08-25
Karatay Array	KKAR	Kazakhstan	43.1034N 70.5115E	520	From 2001-12-01
Karatay Array site	KK04	Kazakhstan	43.1098N 70.5060E	525	From 2001-12-01
Karatay Array site	KK09	Kazakhstan	43.1224N 70.4995E	546	From 2001-12-01
Karatay Array site	KK08	Kazakhstan	43.1048N 70.4871E	539	From 2001-12-01
Karatay Array site	KK07	Kazakhstan	43.0891N 70.5008E	528	From 2001-12-01
Karatay Array site	KK06	Kazakhstan	43.0944N 70.5255E	533	From 2001-12-01
Karatay Array site	KK05	Kazakhstan	43.1170N 70.5235E	509	From 2001-12-01
Karatay Array site	KK03	Kazakhstan	43.1028N 70.5012E	529	From 2001-12-01
Karatay Array site	KK02	Kazakhstan	43.1034N 70.5115E	520	From 2001-12-01
Karatay Array site	KK01	Kazakhstan	43.1054N 70.5061E	525	From 2001-12-01
Karatay Array site	KK31	Kazakhstan	43.1034N 70.5115E	520	From 2001-12-01
Kardah	IKRD	Iran	36.7716N 58.5201E	2230	From 2004-06-01
Karewarewa	KRVZ	North Island,New Zealand	39.0962S 175.6412E	1207	From 2004-12-03
Karewarewa	KAVZ	North Island,New Zealand	39.0986S 175.6458E	1200	
Kargi	KART	Turkey	41.1697N 34.3056E	1946	From 1992-01-01 to 1994-05-31
Kariba Dam	KRB	Zimbabwe	16.5267S 28.7950E	805	From 1966-03-01 to 1999-08-25
Karkaralinsk	KKL	Kazakhstan	49.3300N 75.3800E	0	
Karkar Island	KKI	Papua New Guinea	4.5883S 145.9540E	460	From 1975-06-22
Karlskrona	KLS	Sweden	56.1650N 15.5917E	11	
Karlsruhe	KRL	Baden-Wurtemberg,Germany	49.0108N 8.4122E	114	From 1905-01-01
Karlsruhe West	KRW	Baden-Wurtemberg,Germany	49.0214N 8.3681E	110	
Karmit	KMTI	Israel	30.1044N 34.7251E	473	
Karmoy	KMY	Norway	59.2120N 5.2470E	58	From 1984-11-01
Karmrakar	KRMZ	Armenia	39.3110N 46.4760E	1480	
Karoi	KRI	Zimbabwe	16.8300S 29.6150E	1343	
Karoi	KRR	Zimbabwe	16.8517S 29.6183E	1380	From 1967-01-01 to 1978-12-31
Karpankyla	KU5	Finland	65.9146N 29.8862E	260	From 2003-11-05
Karpathos	KARP	Greece	35.5472N 27.1612E	528	
Karpathos	KRPT	Crete	35.7611N 27.1981E	161	From 2007-05-01
Karpathos	KAP	Greece	35.5508N 27.1747E	250	From 1988-01-01 to 2003-02-24
Karratha	KAA	Western Australia,Australia	20.7772S 116.8590E	15	From 1971-02-11 to 1972-08-09
Kars	KARS	Turkey	40.6123N 43.0927E	1450	From 1994-01-13
Kars	DIGO	Turkey	40.4147N 43.3742E	2278	From 2005-08-04
Karuizawa	KAZ	Nagano,Japan	36.3383N 138.5500E	1001	
Karuizawa	KRZ	Nagano,Japan	36.3383N 138.5500E	1001	
Karymshinskiy	KRMR	Kamchatskaya Oblast',Russia	52.8300N 158.1300E	120	From 2002-07-01
Karymskiy	KII	Kamchatskaya Oblast',Russia	54.0360N 159.4490E	900	
Kas	AKAS	Turkey	36.2339N 29.6052E	1279	From 2005-03-24
Kasabonika Lake, First Nations Ontario	KASO	Ontario	53.5279N 88.6414W	192	From 2005-08-03
Kasai	KJS	Hyogo,Japan	34.9827N 134.8443E	150	
Kasempa	KMZ	Zambia	13.4555S 25.8337E	1223	From 1984-01-01
Kashi	KSH	Xinjiang Uygur Zizhiqu,China	39.5167N 75.9731E	1314	
Kashima	KSJ	Nagano,Japan	36.5762N 137.8050E	1010	From 1968-12-01 to 1969-03-31
Kashiwara	KAJ	Osaka,Japan	34.5000N 135.8000E	120	
Kashiwa-zaki	KZK	Niigata,Japan	37.2951N 138.5157E	220	
Kashiwa-zaki	KZJ	Niigata,Japan	37.3307N 138.5265E	100	
Kasma	KU7	Finland,Finland	65.7582N 28.8991E	265	From 2007-08-13
Kasperske Hory	KHC	Czech Republic	49.1309N 13.5782E	695	From 1973-01-01
Kasrt alli	KSRV	Syria	35.8641N 39.0026E	300	From 2005-01-01
Kastamonu	KAS	Turkey	41.3717N 33.7667E	850	From 1958-09-01
Kastanea	KTI	Greece	40.3929N 22.1165E	1329	
Kastek	KST	Kazakhstan	43.0430N 75.9630E	1415	
Kastelli Heraklio	KSTL	Crete	35.3037N 25.0707E	70	From 2006-12-01
Kastellorizon	KSL	Greece	36.1500N 29.5833E	100	From 1988-01-01
Kastoria	KSO	Greece	40.5225N 21.2775E	740	From 1997-01-01
Kasumi	KJSM	Hyogo,Japan	35.5875N 134.6638E	85	
Kasumkent	KSMR	Dagestan,Russia	41.6028N 48.1278E	840	
Katale	KTL	Congo (Kinshasa)	1.3247S 29.3838E	1600	From 1990-01-01
Katano	KTNK	Osaka,Japan	34.7716N 135.7053E	250	
Katashina	JKT	Tochigi,Japan	36.7667N 139.2488E	933	
Katlanovo	KAY	Former Yugoslav Rep. of Macedonia	41.8958N 21.7017E	248	From 1969-01-01
Katmai	KAWH	Alaska,U.S.A.	58.3837N 154.7992W	777	
Katmai	KTM	Alaska,U.S.A.	58.3247N 155.3760W	945	From 1973-07-27 to 1975-08-24
Katmai Barrier Ridge	KABR	Alaska,U.S.A.	58.1312N 154.9692W	884	
Katmai Hardscrabble Creek	KAHC	Alaska,U.S.A.	58.6490N 155.0060W	1250	
Katmai Hook Glacier	KAHG	Alaska,U.S.A.	58.4940N 154.5463W	923	
Katmai Ikagluik Creek	KAIC	Alaska,U.S.A.	58.4850N 155.0458W	734	
Katmai Pasha	KAPH	Alaska,U.S.A.	58.5968N 154.3468W	907	
Katmai Rainbow River	KARR	Alaska,U.S.A.	58.4978N 154.7033W	610	
Kato Vasiliki	VRS	Greece	38.3520N 21.6080E	340	From 2006-05-10
Katrineberg	KTN	Sweden	61.0660N 16.2840E		From 1980-01-01
Katsuura	KTR	Chiba,Japan	35.1478N 140.3153E	10	From 1988-01-01
Katsuyama	KAJD	Fukui,Japan	36.0487N 136.5281E	300	
Katsuyama	KADD	Fukui,Japan	36.0621N 136.5482E	380	
Kauhava	NE63	Finland	63.0470N 22.6680E	55	
Kauri Point	KAAZ	North Island,New Zealand	36.8242S 174.7036E	65	
Kaushut	KAH	Turkmenistan	37.4500N 59.4830E	257	
Kautokeino	KTK5	Norway	69.0096N 23.2273E		
Kautokeino	KTK6	Norway	69.0100N 23.2360E	340	
Kautokeino	KTK3	Norway	69.0067N 23.2352E		From 1989-01-01 to 2003-04-05
Kautokeino	KTK4	Norway	69.0081N 23.2347E		
Kautokeino	KTK1	Norway	69.0117N 23.2371E	340	From 1989-01-01
Kautokeino	KTK2	Norway	69.0075N 23.2374E		From 1989-01-01 to 2003-04-05
Kavak	KVT	Turkey	41.0806N 36.0464E	650	From 1976-08-01
Kavala	KAVA	Greece	40.9967N 24.5137E	157	From 2008-05-16
Kavieng	KAV	New Ireland,Papua New Guinea	2.5733S 150.8170E	4	From 1971-08-25 to 1974-05-31
Kavieng	KVG	New Ireland,Papua New Guinea	2.5878S 150.8120E	10	From 1974-05-01
Kavouri	KVR	Greece	37.8278N 23.7695E	60	
Kawah Idjen	KIJ	Jawa,Indonesia	8.0667S 114.2330E		
Kawai	KWJ	Shiga,Japan	35.5154N 136.2494E	170	
Kawasaki	HRM	Kanagawa,Japan	35.5506N 139.6792E	-536	
Kawatabi	KWT	Miyagi,Japan	38.7533N 140.7600E	260	
Kawauchi	JFK	Fukushima,Japan	37.3665N 140.8745E	520	
Kawazu	KWZ	Shizuoka,Japan	34.7625N 138.9900E	65	
Kawich Peak	KP-NV	Nevada,U.S.A.	37.8975N 116.4592W	2134	
Kawich Range	KRNA	Nevada,U.S.A.	37.7417N 116.3803W	1980	From 1980-04-23 to 2002-10-10
Kayabasi	KDRM	Turkey	37.0653N 27.4442E	368	From 2003-05-26
Kayabe	JKB	O shima,Japan	41.8877N 141.0325E	10	
Kayak Island	KAIM	Alaska,U.S.A.	59.9268N 144.4160W	311	
Kayak Island	KYK	Alaska,U.S.A.	59.8683N 144.5230W	375	From 1974-10-02 to 1999-08-25
Kayrak	KYR	Turkey	36.3517N 33.5253E	1210	From 1988-01-01
Kazeroon	IKAZ	Iran	29.7796N 51.8400E	2805	From 2002-10-01
Kaziranga	KZI	Assam,India	26.5767N 93.4083E	130	From 1983-02-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Kazreti	KZR	Georgia	41.3815N	44.4153E	740	From 2003-01-01
Kealakekua	KLK	Hawaii,U.S.A.	19.5220N	155.9200W	505	From 1964-01-28 to 1974-01-31
Kealakomo	KEA	Hawaii,U.S.A.	19.3083N	155.1600W	201	
Keanakolu	KKU	Hawaii,U.S.A.	19.8988N	155.3430W	1863	
Keban	KEB	Turkey	38.7978N	38.7278E	739	From 1974-05-28
Kecel	PKS2	Hungary	46.4920N	19.2131E	106	
Kechabta	KCHT	Tunisia	37.1100N	9.9400E	565	
Kecovo	KECS	Slovakia	48.4832N	20.4856E	345	From 2003-12-15
Kecskemet	KEC	Hungary	46.9122N	19.6983E	122	
Kedomdong	KEDI	Lombok,Indonesia	8.4870S	116.1130E	560	From 1991-01-01
Kedougou	KDS	Senegal	12.5687N	12.2112W	110	From 1976-05-01
Kedougou	KDG	Senegal	12.9258N	12.3214W		
Kedougou	KED*	Senegal	12.5687N	12.2112W		From 1976-08-01
Kedougou	KED	Senegal	12.9258N	12.3214W		From 1974-08-01 to 1976-08-01
Keeler	KEEL	Oregon,U.S.A.	45.5502N	122.8951W	67	
Keelung Port	KLUP	Taiwan region	25.1330N	121.7410E	0	From 2001-04-10
Keen Camp Maintenance Station	KEE	California,U.S.A.	33.6383N	116.6530W	1366	From 1975-02-01
Keen Mountain	KMV	Virginia,U.S.A.	37.2083N	82.0258W	500	From 1969-01-01 to 1969-12-31
Keepit Bedrock	KPTM	New South Wales,Australia	30.8851S	150.4819E	295	
Keepit Dam	KPAM	New South Wales,Australia	30.8791S	150.4902E	264	
Keeseville	KSVO	New York,U.S.A.	44.5424N	73.6861W	388	
Keetly	KLJ	Utah,U.S.A.	40.6308N	111.4050W	1992	From 1992-10-30
Kefar Szold	KSDI	Israel	33.1920N	35.6590E	123	
Kef Ayad	AKAY	Algeria	36.3063N	4.9353E	1485	
Kef el Ahmar	CKHR	Algeria	36.0167N	5.5122E	1280	
Kef-Lekhel	CKFL	Algeria	36.4000N	6.7200E	1229	From 2004-12-01
Keg River	KV-	Alberta,Canada	56.8303N	117.3239W	305	From 1965-10-12 to 1965-11-15
Keg River	KV-AT	Alberta,Canada	56.8303N	117.3239W	305	From 1965-10-12 to 1965-11-15
Kejvi	KEH	Georgia	42.3082N	43.9339E	1031	From 2007-12-29
Keihoku	KHK	Kyoto,Japan	35.1774N	135.6623E	260	
Keihoku	JWK2	Soya,Japan	45.3162N	141.8975E	60	
Kejulik	KJL	Alaska,U.S.A.	58.0540N	155.5732W		From 1996-08-01
Kekaha, Kauai, Hawaii	KEKH	Hawaii	21.9830N	159.7110W	54	From 2007-07-18
Kekliktepe	KEKT	Turkey	40.4853N	29.2422E	950	From 1994-01-01
Kekakatan	KELI	Bali,Indonesia	8.2167S	114.4910E	591	
Kelbejer	KBJ	Azerbaijan	40.1500N	46.0900E	1350	From 1984-01-01 to 1993-01-01
Kelkit	KELT	Turkey	40.1486N	39.2556E	1912	From 2003-11-06
Kellerberrin	KLBR	Western Australia,Australia	31.5915S	117.7546E	320	
Kellerberrin	KLB	Western Australia,Australia	31.5923S	117.7600E	300	From 1981-09-23 to 2006-05-29
Kellerberrin	KLG	Idaho,U.S.A.	47.4883N	116.0820W	1400	From 1970-01-01 to 1975-01-31
Kellogg	KGI	Idaho,U.S.A.	43.6688N	111.6640W	1902	
Kelly Canyon	KCI	Idaho,U.S.A.	43.6688N	111.6640W	1902	
Kelly Hill Caves	KELC	South Australia,Australia	35.9825S	136.9111E	100	
Kelly School	KSWY	Wyoming,U.S.A.	43.6226N	110.6280W	2031	
Kelsey	KELB	British Columbia,Canada	48.6611N	123.5701W	53	
Kelsey Bay	KBB	British Columbia,Canada	50.3847N	126.0280W	1310	From 1986-08-23
Kelsey New	KLNB	British Columbia,Canada	48.6611N	123.5706W	53	
Keltepe	KLT	Turkey	40.6435N	30.1006E	1601	From 1978-09-01 to 1980-12-31
Kelud	KEL	Jawa,Indonesia	8.1000S	112.9000E		
Kemaliye	KEMA	Turkey	39.2688N	38.4932E	1026	From 2006-10-19
Kenai	KEN	Alaska,U.S.A.	60.6167N	151.1533W	10	From 1964-04-04 to 1964-06-26
Kendall Valley, Cora	J18A	Wyoming,U.S.A.	43.2112N	110.0200W	2357	From 2007-11-05
Kendar	KDI	Sulawesi	3.9574S	122.6192E	55	From 2005-01-01
Kendrikon	KNT	Greece	41.1619N	22.8981E	380	From 1981-01-01
Kennady Lake	KNDN	Northwest Territories,Canada	63.4193N	109.2013W	421	
Kennard Place, Willow Creek	F16A	Montana,U.S.A.	45.7843N	111.6262W	1350	From 2007-10-18
Kennedy	BKA	Alabama,U.S.A.	33.6339N	87.9690W	122	
Kennebec	KE-	Washington,U.S.A.	46.1400N	119.2775W	396	
Kennebec	KE-WA	Washington,U.S.A.	46.1400N	119.2775W	396	
Kent Elementary ANSS-SMO	KNEL	Washington	47.3805N	122.2519W	14	From 2004-08-01
Kentfield	KFC	California,U.S.A.	37.9550N	122.5530W	6	
Kent State University	KSUO	Ohio,U.S.A.	41.1509N	81.3504W	370	
Kepong	FRIM	Peninsular Malaysia,Malaysia	3.2370N	101.6250E	98	From 1996-01-01
Keramoti	KERA	Greece	35.3692N	23.5577E	240	
Keravat	KET	New Britain,Papua New Guinea	4.3331S	152.0360E	17	From 1969-03-26 to 1970-12-31
Keravat	KRT	New Britain,Papua New Guinea	4.3529S	152.0520E	20	From 1966-11-18 to 1969-04-07
Kerch	KERU	Ukraine	45.3100N	36.4600E	50	From 1997-05-01
Kerema	KRG	Papua New Guinea	7.9597S	145.7690E	14	
Keren	KERI	Israel	30.9900N	34.4900E	360	
Kereru	KRHZ	New Zealand	39.6449S	176.3699E	530	From 2008-05-17
Kerinci	KRJI	Sumatera	2.0912S	101.4619E	811	From 2005-01-01
Kerkira	KEK	Greece	39.7130N	19.7987E	280	From 1989-03-01
Kerman	KRBA	Iran	29.9797N	56.7523E		
Kerman	KRBR	Iran	29.9822N	56.7605E	2576	From 2004-06-01
Kermanshah	KER	Iran	34.3850N	47.1319E	1330	
Kermi	KTT	Texas,U.S.A.	31.5436N	102.8820W	795	From 1975-11-10
Kermi	KM2	Texas,U.S.A.	32.0925N	103.0718W	932	
Kermi	KM5	Texas,U.S.A.	31.8317N	103.0317W	874	From 1976-10-15 to 1999-08-25
Kermi	KT7	New Mexico,U.S.A.	31.7092N	103.3060W	847	From 1975-11-13 to 1999-08-25
Kermi	KT9	New Mexico,U.S.A.	31.7178N	102.8810W	869	From 1976-01-17 to 1976-10-14
Kermi	KTX	Texas,U.S.A.	31.5305N	103.2897W	847	From 1976-01-16 to 1999-08-25
Kermi	KT1	New Mexico,U.S.A.	32.0683N	103.3290W	930	From 1975-11-08 to 1999-08-25
Kermi	KT8	New Mexico,U.S.A.	31.7067N	103.0972W	840	From 1976-01-16 to 1999-08-25
Kermi	KT2	New Mexico,U.S.A.	32.0894N	103.1020W	927	From 1976-01-20 to 1976-12-15
Kermi	KIE	Texas,U.S.A.	31.6068N	103.1957W	828	
Kermi	KIT	Texas,U.S.A.	31.5436N	102.8820W	795	
Kermi	KTE	Texas,U.S.A.	31.5278N	103.0970W	799	From 1976-01-15 to 1976-10-14
Kermi	KT3	New Mexico,U.S.A.	31.6227N	103.2888W	855	
Kermi	KKT	Texas,U.S.A.	31.6227N	103.2890W		
Kermi	KT4	New Mexico,U.S.A.	31.9100N	103.3152W	948	From 1976-01-17 to 1999-08-25
Kermi	KM9	Texas,U.S.A.	31.7482N	102.8563W	888	From 1976-10-14 to 1999-08-25
Kermi	KME	Texas,U.S.A.	31.5782N	103.1200W	816	From 1976-10-14 to 1999-08-25
Kermi	KM6	Texas,U.S.A.	31.9825N	102.8632W	1030	From 1976-10-16 to 1999-08-25
Kermi	KM3	Texas,U.S.A.	31.6777N	103.2092W		
Kermi	KT5	New Mexico,U.S.A.	32.0680N	103.3260W		From 1976-03-24 to 1976-10-15
Kern-Tulare	WKTm	California,U.S.A.	35.7940N	118.4420W	890	
Keshet	KSHT	Israel	32.9820N	35.8110E	719	From 1991-05-01
Keskin Array Beam Reference Point	BRTR	Turkey	39.7250N	33.6390E	1440	
Keskin Array Site 101	BR101	Turkey	39.7254N	33.6391E	1437	
Keskin Array Site 102	BR102	Turkey	39.7355N	33.6486E	1525	
Keskin Array Site 103	BR103	Turkey	39.7196N	33.6570E	1488	
Keskin Array Site 104	BR104	Turkey	39.7074N	33.6414E	1346	
Keskin Array Site 105	BR105	Turkey	39.7180N	33.6173E	1431	
Keskin Array Site 106	BR106	Turkey	39.7338N	33.6180E	1372	
Keskin Array Site 131	BR131	Turkey	39.7253N	33.6390E	1414	
Keskin MP Array Beam Reference Point	BRMAR	Turkey	39.8417N	32.7760E	1257	
Keskin MP Array Site 231	BR231	Turkey	39.8417N	32.7760E	1196	
Keskin MP Array Site 232	BR232	Turkey	39.9285N	32.9820E	1071	
Keskin MP Array Site 233	BR233	Turkey	39.7935N	32.9813E	1	
Keskin MP Array Site 234	BR234	Turkey	39.6519N	32.8001E	1002	
Keskin MP Array Site 235	BR235	Turkey	39.7413N	32.5916E	1217	
Keskin MP Array Site 236	BR236	Turkey	39.8795N	32.5511E	1035	
Keskin MP Array Site 237	BR237	Turkey	40.0187N	32.7304E	1045	
Kesra	KEST	Tunisia	35.7318N	9.3460E	885	
Kestanelik-??atalca	CKTS	Turkey	41.2364N	28.5066E	47	From 2007-09-28
Keswick	CKE	England,United Kingdom	54.5877N	3.1059W	304	
Ketchikan	KCN	Alaska,U.S.A.	55.3343N	131.6325W	20	
Ketetahi	KETZ	North Island,New Zealand	39.1006S	175.6520E	1208	From 1985-05-01 to 1992-01-22
Kettenpom Peak	KKPM	California,U.S.A.	40.1458N	123.3350W	1244	
Kettle Butte	KBI	Idaho,U.S.A.	43.5907N	112.3770W	1698	From 1992-01-01
Kettleman Hills	PKEM	California,U.S.A.	36.0615N	120.1090W	288	
Keuruu	KEF	Finland	62.1672N	24.8703E	215	From 1977-08-31
Kevo	KEV	Finland	69.7553N	27.0067E	80	From 1967-06-01
Kevo	KEV1	Finland	69.7558N	27.0125E	97	
Kew	KEW	England,United Kingdom	51.4683N	0.3131W	5	
Kewanee	KEWM	Missouri,U.S.A.	36.6981N	89.5926W	85	
Key Point	KYP	California,U.S.A.	34.1018N	118.8795W	700	
Keyworth	KEY2	England,United Kingdom	52.8790N	1.0770W	76	
Keyworth	KEY1	England,United Kingdom	52.8779N	1.0757W	59	
Kfar Ka'horesh	HRSR	Israel	30.9601N	33.7219E	232	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Khabarovsk	HABR	Khabarovskiy Kray	48.4730N 135.0510E	81	
Khabaz	KBZ	Stavropol'skiy Kray,Russia	43.7286N 42.8975E		From 2005-04-01
Khafra	HKFR	Egypt	22.5897N 31.3047E	337	
Khaisi	KHS	Georgia	42.9427N 42.1893E	644	
Khait	KHAT	Tajikistan	39.1700N 70.8800E	1800	From 1967-01-01
khalkal	ADB	Iran	37.3700N 48.2000E	1576	
Khamasin	KMSA	Saudi Arabia	20.3710N 44.4950E	715	From 1988-11-01
Khamis Mushayt	KMTU	Saudi Arabia	18.1660N 42.8650E	2000	From 1990-06-13
Khamis Mushayt	KMTA	Saudi Arabia	18.1660N 42.8650E	2000	
Khancoban	KHA	New South Wales,Australia	36.2136S 148.1290E	435	From 1968-09-06
Khandyga	KHG	Sakha,Russia	62.6500N 135.5500E	105	
Khani	KHNR	Sakha	56.9210N 119.9790E	690	From 2005-12-11
Khanty-Mansiysk	HMA	Severo-Osetinskaya,Russia	61.0333N 69.1167E	91	
Khao Laem Dam	KHT	Thailand	14.7848N 98.5925E	173	From 1982-10-01
Khapcheranga	KPC	Buryatiya,Russia	49.7039N 112.3789E	953	
Kharkheh	IKAR	Iran	32.4833N 48.1543E	0	From 1998-01-01
Khatum	KTMO	Oman	23.4841N 57.6854E	85	From 1998-07-13
Khaybar	KBRS	Saudi Arabia	25.7886N 39.2644E	200	
Kheis	KHE	Arkhangel'skaya Oblast',Russia	80.6167N 58.0500E	21	
Khelvachauri	KHEL	Georgia	41.5742N 41.6963E	32	From 2003-01-01
Khenifra	KHF	Morocco	32.9830N 5.7070E	1060	
Khetri	KHET	Rajasthan,India	28.0740N 75.8063E	330	From 2001-08-01
Khios Island	XIO	Greece	38.2567N 26.0408E	210	From 1997-01-01
Khodzhekent	KDK	Uzbekistan	41.6167N 69.9667E		
Khon Kaen	KKTK	Thailand	16.3370N 102.8230E	140	From 2001-01-01
Khonsa	KOI	Arunachal Pradesh,India	26.9833N 95.5000E	785	From 1979-01-01
Khor El Raml	AKRL	Egypt	23.6634N 32.7211E	190	
Khorog	KHO	Tajikistan	37.4833N 71.5333E	2199	
Khorongon	KHR	Tajikistan	38.6667N 68.7833E		
Khor Sakr	AKSR	Egypt	23.6372N 33.0208E		
Khrisi	XRY	Crete,Greece	34.8748N 25.6943E	21	
Khumson	KHUM	Tajikistan,Uzbekistan	41.6800N 69.9500E	850	
Khunzakh	XNZR	Dagestan,Russia	42.5417N 46.7050E	1640	
Khuramsha	HRMR	Buryatiya,Russia	51.6280N 106.9550E	620	From 1997-04-01
Kiajanaja	KJA	Guatemala	15.7398N 91.7827W	2280	From 1980-10-01 to 1999-08-25
Kiara Terrace	KIA	Pakistan	34.1133N 72.7133E	497	
Kiasar	IKIA	Iran	36.2069N 53.6837E	2167	From 2000-08-01
Kibati	KBTI	Congo (Kinshasa)	1.5690S 29.2770E	2000	
Kibumba	KBBA	Congo (Kinshasa)	1.5190S 29.3330E	2029	
Kibwezi	KIBK	Kenya	2.3400S 38.0460E	775	From 1996-06-01
Kidapawan	KCP	Mindanao,Philippines	7.0090N 125.0900E	598	
Kidman Hollow	KDUT	Utah,U.S.A.	41.7213N 112.0290W	1829	From 1978-10-01
Kiev	KIEV	Ukraine	50.6944N 29.2083E	123	
Kiinagashima	KJK	Mie,Japan	34.2483N 136.2633E	90	
Kijevo	KIJV	Croatia	44.0050N 16.4050E	413	From 2004-04-07
Kiyo	KJK	Miyazaki,Japan	32.2483N 131.4150E	380	
Kikaishima	JZK	Ryukyu Islands,Japan	28.3145N 129.9720E	130	
Kika Raxquin	KIK	Guatemala	14.8130N 91.4105W	3200	From 1980-10-01
Kilembe	KIL	Uganda	0.2000N 30.0080E	1372	From 1991-07-01
Kilenge	KCM	New Britain,Papua New Guinea	5.4833S 148.3830E	15	From 1975-03-01 to 1980-09-05
Kilima Mbogo	KMBO	Kenya	1.1268S 37.2523E	1940	
Killbear Provincial Park	KLBO	Ontario,Canada	45.3566N 80.2132W	177	
Kilmashogue	DKM	Ireland	53.2553N 6.2644W	280	From 1976-11-01 to 2002-01-06
Kilpisjarvi	KIF	Finland	69.0044N 20.8018E	0	
Kilyos	KLYT	Turkey	41.2530N 29.0420E	30	From 2002-01-01
Kimball Elementary School	KIMB	Washington,U.S.A.	47.5752N 122.3016W	100	
Kimball Pass	KMP	Alaska,U.S.A.	61.5143N 145.0300W	1103	From 1977-08-04
Kimbe	KMBE	New Britain,Papua New Guinea	5.5590S 150.1530E	10	
Kimbe	KMB	New Britain,Papua New Guinea	5.4833S 150.1000E	23	From 1969-11-22 to 1999-08-25
Kimberley	KIM	Orange Free State,South Africa	28.7517S 24.7800E	1321	
Kincaid Ranch	HKRM	California,U.S.A.	36.9017N 121.4260W	66	From 1975-07-03
Kincaid Ranch, Fort Stockton	428A	Texas,U.S.A.	30.7263N 102.6847W	982	From 2008-03-10
Kindia	KING	Guinea	9.9638N 12.8685W	410	From 1991-07-01
King County	TKCO	Washington,U.S.A.	47.5369N 122.3004W	0	
King Edward Point	KEP	South Georgia Islands	54.2800S 36.4800W		From 1972-03-01 to 1999-08-25
Kingman	KG-AS	Arizona,U.S.A.	35.6417N 113.9078W	1067	
Kingman	KG-AZ	Arizona,U.S.A.	35.6417N 113.9078W	1067	From 1963-04-19 to 1963-07-11
Kingman	KG-	Arizona,U.S.A.	35.6417N 113.9078W	1067	From 1963-04-19 to 1963-07-11
King Ranch	KRC	California,U.S.A.	35.3267N 119.7450W	680	
Kingsbay	KBS	Svalbard,Norway	78.9256N 11.9417E	74	From 1994-11-05
Kingscourt	DMU	Ireland	53.8989N 6.9106W	280	From 1976-11-01
Kingscourt	DMUB	Ireland	53.9000N 6.9086W	280	From 1994-04-11
Kings Mountain	KMOR	Oregon,U.S.A.	45.6355N 123.4900W	975	From 1982-09-01
Kings Tableland	KTLM	New South Wales,Australia	33.8621S 150.4042E	720	
Kingston	KIN	Jamaica	17.9737N 76.7851W	32	From 1937-01-01 to 1978-12-09
Kingston	KGNO	Ontario,Canada	44.2272N 76.4934W	89	
Kingsville	KVTX	Texas,U.S.A.	27.5459N 97.8929W	14	
Kinkasan	KSN	Miyagi,Japan	38.2717N 141.5883E		
Kinmen	KNM	Taiwan region	24.4167N 118.4333E	13	
Kinomoto	KNJ	Wakayama,Japan	34.2623N 135.1250E	20	From 1965-06-02 to 1965-11-30
Kinomoto	KMT	Wakayama,Japan	34.2623N 135.1250E	20	From 1965-06-02 to 1965-11-30
Kipapa	KIP	Hawaii,U.S.A.	21.4233N 158.0140W	73	
Kipawa	MLQ1	Quebec,Canada	46.8036N 78.9873W	299	
Kipp Ranch, Antelope Well	320A	New Mexico,U.S.A.	31.3369N 108.5284W	1414	From 2008-02-16
Kipuka Nene	KNH	Hawaii,U.S.A.	19.3350N 155.2900W	924	From 1967-09-21
Kiractepe	KRCT	Turkey	41.0814N 32.8792E	1449	From 1993-07-01 to 1994-06-30
Kirchzarten	KIZ	Baden-Wurtemberg,Germany	47.9562N 7.9182E	445	From 1987-01-01
Kirikhan	KRH	Turkey	36.4922N 36.3466E	220	From 1979-12-01 to 1999-08-25
Kiri Road	TKEZ	North Island,New Zealand	39.3895S 174.0075E	330	
Kirishima Volcano	KV01	Kagoshima,Japan	31.9447N 130.8478E	1215	
Kiritimati	XMAS	Kiribati	2.0448N 157.4453W	1	
Kirkby Lonsdale	LKL	England,United Kingdom	54.2185N 2.5345W	396	From 1989-01-01 to 1992-10-14
Kirkenes	KRK	Norway	69.7242N 30.0625E	25	
Kirkland Lake	KILO	Ontario,Canada	48.4970N 79.7233W	322	
Kirkland Lake	KLO	Ontario,Canada	48.2060N 79.9950W	350	
Kirkland Lake	KLC	Ontario,Canada	48.1447N 80.0292W	310	
Kirkwood Meadows Resort, Kirkwood	R05C	California,U.S.A.	38.7028N 120.0755W	2366	From 2005-08-05 to 2007-10-05
Kirov	KIRV	Severo-Osetinskaya,Russia	58.5850N 49.4158E	0	
Kirovskiy	KROS	Amurskaya Oblast',Russia	54.4330N 126.9710E	455	
Kiruna	KIR	Sweden	67.8400N 20.4167E	390	
Kishima-dake	KISK	Kumamoto,Japan	32.8926N 131.0669E	1105	
Kishinev	KIS	Moldova	46.9980N 28.8180E	185	
Kishinomiya	KISE	Wakayama,Japan	34.2220N 135.3000E	75	
Kislovodsk	KIV	Stavropol'skiy Kray,Russia	43.9553N 42.6863E	1054	
Kislovodsk Array Beam Reference Point	KVAR	Stavropol'skiy Kray,Russia	43.9557N 42.6952E	1196	
Kislovodsk Array Site 0	KIV0	Stavropol'skiy Kray,Russia	43.9557N 42.6952E	1196	
Kislovodsk Array Site 1	KIV1	Stavropol'skiy Kray,Russia	43.9570N 42.6946E	1196	
Kislovodsk Array Site 2	KIV2	Stavropol'skiy Kray,Russia	43.9554N 42.6970E	1196	
Kislovodsk Array Site 3	KIV3	Stavropol'skiy Kray,Russia	43.9547N 42.6939E	1196	
Kitadake	KITD	Kagoshima,Japan	31.5992N 130.6461E	450	
Kita-Gairin	NRMH	Iburi,Japan	42.5479N 140.8392E	484	
Kitakami	KGJ	Iwate,Japan	39.3883N 141.5650E	376	
Kitakata	JKIT	Miyazaki,Japan	32.6245N 131.4535E	180	From 1997-03-01
Kitausu	KITH	Iburi,Japan	42.5239N 140.8104E	120	
Kithairon Oros	MKIT	Greece	38.1842N 23.2599E	1406	
Kithira	KYTH	Greece	36.2807N 23.0363E	458	
Kitsap County Moderate Risk Waste Facility	KIMR	Washington,U.S.A.	47.5031N 122.7672W	100	
Kitsap County North Road Shed	KINR	Washington,U.S.A.	47.7517N 122.6431W	100	
Kitsap County Wastewater Treatment Plant	KITP	Washington,U.S.A.	47.6750N 122.6297W	100	
Kiyosumi	KYS	Chiba,Japan	35.1977N 140.1480E	180	From 1966-04-01
Kiyosumi	KIY	Chiba,Japan	35.1500N 140.1830E	290	
Kizilcal	KIZT	Turkey	38.8800N 31.8800E	1202	
Kizyl-Arvat	KAT	Turkmenistan	39.0280N 56.2700E	200	
Klagenfurt	KFA	Austria	46.6483N 14.3278E	450	
Klamath Falls	KFO	Oregon,U.S.A.	42.2667N 121.7450W	1439	From 1962-01-01
Klamath Falls	KFAL	Oregon,U.S.A.	42.2577N 121.7851W	1326	
Klamath Falls	L04A	Oregon,U.S.A.	42.1750N 121.8910W	1336	From 2006-05-24 to 2007-10-26
Klaveano Farm, Fernwood	D11A	Idaho,U.S.A.	47.0477N 116.3353W	849	From 2006-11-11 to 2008-06-07
Klein Altendorf	BA10	Nordrhein-Westfalen	50.6131N 6.9945E	186	From 2006-10-01

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Kleinbodungen	KBDG	Thuringen	51.4645N 10.5318E	279	From 2008-06-18
Klimovskoe	KLMR	Arkhangel'skaya Oblast'	60.8539N 39.5186E	157	From 2003-11-25
Klikotos Trikala	THL	Thessaly, Greece	39.5647N 22.0145E	107	From 2008-09-22
Kloof	KLOF	South Africa	26.3498S 27.6100E	1631	From 2006-08-16
Kluane	KEY	Yukon Territory, Canada	61.0500N 138.5020W	785	From 1979-03-09 to 1981-07-25
Kluang	KGM	Peninsular Malaysia, Malaysia	2.0157N 103.3190E	103	
Klutina	KLU	Alaska, U.S.A.	61.4928N 145.9200W	1012	From 1972-08-09
Klyuchi	KLY	Kamchatskaya Oblast', Russia	56.3130N 160.6520E	100	
Knez@ 19ji Dol	KNDS	Slovenia	45.5279N 14.3806E	1024	From 2004-01-01
Knight Island	KNIM	Alaska, U.S.A.	60.3487N 147.7360W	434	
Knik Glacier	KNK	Alaska, U.S.A.	61.4125N 148.4560W	595	
Knox Ranch	KNO	California, U.S.A.	35.4833N 118.5280W	1090	From 1952-07-01 to 1952-11-10
Knoxville	HPKT	Tennessee, U.S.A.	35.9260N 83.8790W	305	From 1980-03-25 to 1991-04-01
Kobayashi Ranch	KBY	California, U.S.A.	33.0402N 115.7010W	-51	From 1975-02-01 to 1976-05-31
Kobe	KBE	Hyogo, Japan	34.7345N 135.1778E	440	
Kobe	KOB	Hyogo, Japan	34.6883N 135.1800E	58	
Kobuan	KOA	Bougainville, Papua New Guinea	6.2241S 155.6190E	65	From 1969-12-07 to 1972-11-30
Kobugahara	KBH	Tochigi, Japan	36.6550N 139.5286E	700	
Kochi	KOC	Kochi, Japan	33.5533N 133.5370E	-1	
Kodaikanal	KOD	Tamil Nadu, India	10.2333N 77.4667E	2345	From 1910-01-01
Kodera	KDT	Japan	34.9183N 134.7127E	200	From 1970-10-01 to 1972-06-01
Kodiak	KD2	Alaska, U.S.A.	57.7583N 152.4930W		From 1964-04-10 to 1964-05-03
Kodiak	KD3	Alaska, U.S.A.	57.7483N 152.5150W		From 1964-05-14 to 1964-08-17
Kodiak	KD1	Alaska, U.S.A.	57.7467N 152.4920W		From 1964-04-21 to 1964-05-10
Kodiak Island	KDAK	Alaska, U.S.A.	57.7828N 152.5835W	64	
Kodiak Island	KDC	Alaska, U.S.A.	57.7478N 152.4920W	13	From 1964-04-02 to 2004-04-03
Koelnbreinsperre	KBA	Austria	47.0784N 13.3447E	1721	From 1981-11-01
Koepfel	KOE	Rheinland-Pfalz, Germany	50.4253N 7.7317E	540	
Kofofordua	KOGH	Ghana	6.0842N 0.2431W	483	From 1987-01-01
Kofu	KFU	Yamanashi, Japan	35.7426N 138.5683E	590	
Kofu	KOF	Yamanashi, Japan	35.6650N 138.5567E	274	
Kog	KOGS	Slovenia	46.4481N 16.2503E	240	From 2004-03-01
Kogok River	KGR	Alaska, U.S.A.	63.1692N 162.0667W	320	
Kohala	KOH	Hawaii, U.S.A.	20.1282N 155.7800W	1166	
Kohima	KHM	Nagaland, India	25.6631N 94.0761E	1630	From 1979-01-01
Kohlern	KOSI	Italy	46.4630N 11.3778E	1604	From 2006-12-13
Kohler Place, Littleton	P24A	Colorado, U.S.A.	39.5144N 104.9082W	1861	From 2008-06-10
Kohls Ranch	KH-	Arizona, U.S.A.	34.4833N 111.0342W	2286	From 1964-04-02 to 1964-06-18
Kohls Ranch	KH-AZ	Arizona, U.S.A.	34.4833N 111.0342W	2286	From 1964-04-02 to 1964-06-18
Koide	K12	Iwate, Japan	39.4575N 141.4989E	534	
Koidern River	KRY	Yukon Territory, Canada	61.9700N 140.4080W	686	
Koike	KOJD	Kagoshima, Japan	31.5872N 130.6128E	40	
Kokohu	KNZ	North Island, New Zealand	39.0214S 177.6736E		
Kokoji	K04	Iwate, Japan	39.3611N 141.5192E	477	
Kokstad	KSD	Cape Province, South Africa	30.5410S 29.4167E	1350	From 1993-03-01
Kolacno	KOLL	Slovakia	48.5787N 18.4024E	290	From 2002-12-01
Kolay	KOL	Turkey	41.4243N 35.7961E	145	From 1976-09-01
Koldanda	KOLN	Nepal	27.7700N 83.6000E	1830	From 1994-04-01
Koln Dom Grabung	BA19	Nordrhein-Westfalen	50.9412N 6.9577E	48	From 2006-10-01
Koln University	BA07	Nordrhein-Westfalen	50.9259N 6.9243E	50	From 2006-10-01
Kolonicke sedlo	KOLS	Slovakia	48.9333N 22.2731E	460	From 2004-09-01
Komaba	KOM	Saitama, Japan	35.6500N 139.7630E	38	
Komagane	KGN	Yamanashi, Japan	35.7518N 137.9719E	629	
Komaggas	KOMG	Cape Province, South Africa	29.7970S 17.4837E	299	
Komakuk Beach	KBT	Yukon Territory, Canada	69.5937N 140.1820W	15	From 1981-08-08
Komarou	KOMA	Tajikistan	39.1000N 70.4000E		
Komasi	KOM	Iran	34.1764N 47.5144E	1751	From 2004-01-01
Komatsu	KMJD	Ishikawa, Japan	36.3645N 136.5057E	70	From 2004-01-01
Komatsu	KMD	Ishikawa, Japan	36.3135N 136.4916E	70	
Kompina	KMC	Cameroon	4.3861N 9.5781E	85	From 1984-12-14
Komsomolabad	KOMS	Tajikistan	38.9000N 69.9500E		
Komsomolskaya	KMSR	Severo-Osetinskaya	43.3708N 44.2924E	348	From 2005-08-11
Konawaena	KNW	Hawaii, U.S.A.	19.5133N 155.9180W	495	From 1922-01-01 to 1960-12-31
Konedobu	KDB	Papua New Guinea	9.4717S 147.1600E	40	From 1968-01-01
Kongan	KGNI	Nagaland, India	26.7558N 94.8383E	500	
Kongsberg	KON	Norway	59.6491N 9.5982E	216	
Kongsberg	KONO	Norway	59.6491N 9.5982E	216	From 1991-06-28
Konigsberg	KNG	Kaliningradskaya Oblast', Russia	54.8333N 20.5000E	33	
Konitsa	KNS	Greece	40.0596N 20.7592E	1090	From 2008-02-28
Konogogo	EKN	New Ireland, Papua New Guinea	3.4888S 152.1850E	270	
Konpirayama	KONH	Iburi, Japan	42.5541N 140.8168E	230	
Konsvik	KONS	Norway	66.4992N 13.1193E	36	From 2005-07-01
Konsvik	STOK1	Norway	66.5000N 13.1200E	36	From 2005-07-01
Konya--Tatoy	KONT	Turkey	37.9453N 32.3605E	550	
Kootwijk	NE32	Netherlands	52.1790N 5.8120E	40	
Kop Dag	KOPT	Turkey	40.0179N 40.4972E	2489	From 2006-09-18
Kophill	SKP1	England, United Kingdom	51.7218N 0.8096W	212	From 1993-01-01
Kopyto	KPT	Kamchatskaya Oblast', Russia	55.9661N 160.2219E	1004	
Kora	KORR	Severo-Osetinskaya	43.0861N 44.0677E	621	From 2005-11-03
Korca	KBN	Albania	40.6236N 20.7874E	870	
Korea Array	KSR5	South Korea	37.4540N 127.9230E		
Korhogo	LKO	Ivory Coast	9.5444N 5.5889W	435	From 1989-06-01
Korintj-Dempo	KKD	Sumatera, Indonesia	3.7000S 102.9330E		
Korkuteli	KORT	Turkey	37.0007N 30.3503E	1304	From 2008-03-06
Korkuteli	KORK	Turkey, Turkey	37.0007N 30.3503E	1304	
Koro	KRO	Fiji	17.3141S 179.3920E	522	From 1981-11-01
Koror	KOR	Caroline Islands, Palau	7.3350N 134.4850E	30	From 1950-01-01 to 1958-12-31
Koryaka	KOK	Kamchatskaya Oblast', Russia	53.2919N 158.6361E	1050	
Kosan Boka	KIC	Ivory Coast	6.3606N 4.7411W	176	From 1967-06-01
Kosmodemyansk	KOS	Sakhalinskaya Oblast', Russia	44.1000N 145.8830E		
Kosmos	KOSW	Washington, U.S.A.	46.4613N 122.1910W	828	
Kosov	KSV	Ukraine	48.3150N 25.0667E	450	
Koster	KSR	Transvaal, South Africa	25.8517S 26.8972E	1623	
Kota Agung	KASI	Sumatera	5.5236S 104.4967E	0	From 2007-12-01
Kotabaru	KBKI	Selatan	3.2995S 116.1670E	0	From 2007-12-01
Kotabumi	KLI	Sumatera, Indonesia	4.8630S 104.8567E	32	
Kota Kinabalu	KKM	Sabah, Malaysia	6.0443N 116.2147E	830	
Kota Tinggi	MYKOM	Peninsular Malaysia	1.7900N 103.8500E	0	From 2006-03-24
Kothagudem	KGD	Andhra Pradesh, India	17.5767N 80.6571E	0	
Kothi	KOTI	Himachal Pradesh, India	32.3077N 77.2000E	2527	From 1985-08-01
Kotohata	K07	Iwate, Japan	39.4164N 141.6564E	554	
Kotokel	KELR	Buryatiya	52.7600N 108.0800E	460	From 2005-11-03
Kottamaia	KEG	Egypt	29.9275N 31.8292E	460	From 1991-01-01
Kottamia	KOT	Egypt	29.9276N 31.8292E	490	
Kotzebue	KTA	Alaska, U.S.A.	66.8500N 162.6100W	26	From 1976-08-01
Koumac	KOU	New Caledonia	20.5619S 164.2810E	17	
Koumaradei	KOUM	Greece	37.7041N 26.8377E	340	
Kourou	KOG	French Guiana	5.2070N 52.7320W	10	
Koussour	KSU	Djibouti	11.5335N 42.4463E	370	From 1975-11-01
Kouya	JWY	Wakayama, Japan	34.2183N 135.5930E	795	
Kovokta	KVO	Buryatiya, Russia	56.1400N 113.0500E	1280	
Kowa	KOWA	Mali	14.4967N 4.0167W	280	
Kowarra	KOWM	Victoria, Australia	35.7885S 144.5201E	102	
Kowen Forest	KOW	Australian Capital Territory, Australia	35.2883S 149.2980E	792	
Koyama	KOY	Shizuoka, Japan	35.3500N 138.9830E		
Koyna Nagar	KNI	Maharashtra, India	17.3967N 73.7500E	630	From 1963-10-11 to 1999-08-25
Kozaga	JWZ	Wakayama, Japan	33.5305N 135.7148E	230	
Kozan	KOZTB	Turkey	37.4360N 35.8180E	150	From 1993-03-01
Kozan	KOZT	Turkey	37.4805N 35.8267E	381	From 2005-08-25
Kozani	KZN	Greece	40.3067N 21.7708E	900	
Kozel'skiy	KZL	Kamchatskaya Oblast', Russia	53.2010N 158.8940E	950	
Kozjak Brana	KOZJ	Former Yugoslav Rep. of Macedonia	41.8778N 21.1950E	533	From 2004-01-01
Kozu shima	KJO	Bonin Islands, Japan	34.1867N 139.1367E	138	
Kozyr	KOZ*	Kamchatskaya Oblast', Russia	56.0660N 159.8960E		
Kozyr	KOZR	Kamchatskaya Oblast', Russia	56.0660N 159.8960E	450	
Kozyrevsk	KOZ	Kamchatskaya Oblast', Russia	56.0580N 159.8732E	450	
K-Podof'skiy	KMPD	Ukraine	48.5630N 26.4600E	121	
Krabesse	KRAM	Morocco	31.7030N 9.3400W		
Krakow	KRA	Poland	50.0561N 19.9397E	223	From 1954-01-01 to 1992-04-30

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Kraliky	KRLC	Czech Republic	50.0753N 16.7817E	754	From 2007-11-01
Kramer	KM-CL	California, U.S.A.	34.8811N 117.2567W	853	From 1963-04-01 to 1966-03-31
Kramer	KM-	California, U.S.A.	34.8811N 117.2567W	853	From 1963-04-01 to 1966-03-31
Krasnaya Polyana	KPR	Krasnodarskiy Kray, Russia	43.6667N 40.2000E	450	
Krasnodar	KGUR	Krasnodarskiy Kray, Russia	45.0216N 39.0297E	66	
Krasnogorka	KRS	Kazakhstan	43.2500N 75.1667E		
Krasnovodsk	KRF	Turkmenistan	40.0130N 53.0030E	10	
Krasnoyarsk	KRAR	Krasnoyarskiy Kray, Russia	56.0111N 92.8733E	200	
Krefeld	NE39	Nordrhein-Westfalen, Germany	51.3425N 6.5375E	40	
Kremsmunster	KMR	Austria	48.0565N 14.1319E	379	From 1958-01-01
Kreppuhraun	IKRE	Iceland	64.7837N 16.3828W	760	From 2006-11-01
Krestovskiy	KRSR	Kamchatskaya Oblast', Russia	56.2169N 160.5653E	1120	
Krib	KRIT	Tunisia	36.3383N 9.0748E	640	
Kristallenia	KRIS	Crete, Greece	35.1780N 25.5030E	850	
Krokottuvotn	IKVO	Iceland	65.7140N 16.8810W	572	From 2002-06-23
Krokur	IKRO	Iceland	64.0980N 21.1200W	147	From 1996-10-08
Kronoki	KRN	Kamchatskaya Oblast', Russia	54.5961N 161.1339E	50	
Krupnik	KKB	Bulgaria	41.8667N 23.0833E	434	
Krusevo	KRUS	Former Yugoslav Rep. of Macedonia	41.3689N 21.2488E	1015	From 2006-09-01
Krutoberegovo	KBG	Kamchatskaya Oblast', Russia	56.2550N 162.7050E	30	
Krutoberegovo 1	KBTR	Kamchatskaya Oblast', Russia	56.2081N 162.8189E	200	
Krysuvik	IKRI	Iceland	63.8780N 22.0760W	146	From 1992-12-01
Ksara	KSA	Lebanon	33.8233N 35.8900E	920	
Ksar Es Souk	KES	Morocco	31.9950N 4.4550W	1124	From 1973-02-01 to 1976-10-31
Kshj	KSHJ	Jordan	30.2740N 36.9660E	1005	From 1995-08-01
Ksiaz	KSP	Poland	50.8428N 16.2931E	353	From 1970-01-01
Kuala Lumpur	KLM	Peninsular Malaysia, Malaysia	3.1025N 101.6450E	46	
Kuala Trengganu	KTGM	Peninsular Malaysia, Malaysia	5.3280N 103.1340E	56	From 1994-01-01
Kuala Trengganu	KTMY	Peninsular Malaysia, Malaysia	5.3283N 103.1356E	33	
Kuangyinshan	TWS1	Taiwan region	25.1008N 121.4177E	60	From 1981-01-05
Kuaoitunu	KUJZ	North Island, New Zealand	36.7471S 175.7200E	40	From 1990-10-11
Kubaka	GOLD	Magadanskaya Oblast'	63.6780N 159.9570E	726	From 2003-01-14
Kubataba	KUBR	Stavropol'skiy Kray, Russia	43.8000N 43.4097E	665	
Kubokawa	JKU	Kochi, Japan	33.3095N 133.0633E	340	
Kuching	KSM	Sarawak, Malaysia	1.4733N 110.3083E	66	
Kuchinoerabu	JKC	Ryukyu Islands, Japan	30.4620N 130.1957E	20	
Kuchiyama	KCY	Tokushima, Japan	33.9970N 134.1422E	260	
Kucino	KUC	Moskovskaya Oblast', Russia	55.7500N 37.9667E	155	
Kudamatsu	KJD	Yamaguchi, Japan	34.0540N 131.8738E	220	
Kudat	KDM	Sabah, Malaysia	6.9160N 116.8330E	3	
Kufra	LKFR	Libya	24.1613N 23.2122E	413	
Kufra	KFRA	Syria	35.2125N 36.7996E	650	From 1994-12-01
Kugaaruk Camp, Nunavut	KUGN	Nunavut	68.0898N 90.0616W	165	From 2007-08-18
Kukesi	KKS	Albania	42.0756N 20.4113E	300	
Kukul	KKG	Guatemala	14.9750N 92.0360W	960	From 1979-11-01
Kukurantumi	KUK	Ghana	6.1890N 0.3690W	198	From 1973-03-01
Kula-Manisa	KULA	Turkey	38.5144N 28.6607E	915	From 2007-02-21
Kul'dur	KLR	Yevreyskaya Avtonomnaya Oblast', Russia	49.2300N 131.7500E	298	From 1954-01-01
Kulim	KULM	Peninsular Malaysia, Malaysia	5.2900N 100.6500E	74	From 2003-11-01
Kulkuduk	KLKU	Uzbekistan	42.5400N 63.3000E	361	
Kuludalsa	IKUD	Iceland	64.3210N 21.8750W	28	From 1996-06-28
Kulusuk, Greenland	KULG	Greenland	65.5752N 37.1788W	50	From 2004-08-02
Kulyab	KUL	Tajikistan	37.9000N 69.7800E	605	
Kumagaya	KMG	Saitama, Japan	36.1466N 139.3833E	31	
Kumamoto	KUM	Kumamoto, Japan	32.8100N 130.7100E	39	
Kumamoto 2	KUMJ	Kumamoto, Japan	32.5350N 130.8280E	170	
Kumano	KMN	Wakayama, Japan	33.9677N 136.0580E	300	
Kumaryk	KUMR	Uzbekistan	41.2000N 69.3000E	404	
Kumba	KBC	Cameroon	4.6531N 9.4131E	375	From 1985-03-17
Kume jima	KMJ	Ryukyu Islands, Japan	26.3350N 126.8067E	4	
Kume jima 2	JKE	Ryukyu Islands, Japan	26.3260N 126.7860E	71	
Kumisi	KYM	Georgia	41.6300N 44.7300E	420	
Kumisi	KMSG	Georgia	41.6211N 44.7754E	420	From 1982-01-01
Kumluca	MARK	Turkey	36.2748N 30.4356E	973	From 2003-12-08
Kumora	KMO	Buryatiya, Russia	55.8869N 111.2006E	480	
Kumora	KUM*	Buryatiya, Russia	55.8869N 111.2006E	480	
Kumukh	KMKR	Dagestan, Russia	42.1311N 47.0989E	1950	
Kundal	KUDL	Haryana, India	28.1442N 76.4892E	0	
Kunene	KNN	Congo (Kinshasa)	1.4800S 29.0670E	1800	
Kuni	JGK	Gumma, Japan	36.5620N 138.6397E	645	
Kunigami	JOW	Ryukyu Islands, Japan	26.8322N 128.2745E	220	
Kunimi	JKI	Oita, Japan	33.6323N 131.5690E	120	
Kunming	KUN	Yunnan, China	25.1233N 102.7400E	1945	
Kunming	KMI	Yunnan, China	25.1233N 102.7400E	1940	
Kunnepu	KNP	Abashiri, Japan	43.7599N 143.7124E	190	
Kunszentmiklos	PKS7	Hungary	47.0473N 19.1609E	95	
Kununurra	KNA	Western Australia, Australia	15.7500S 128.7667E	150	From 1965-11-01
Kuosheng	TWX	Taiwan region	25.1988N 121.6616E	40	From 1975-01-10
Kupang	BATI	Timor, Indonesia	10.2065S 123.6633E	356	
Kupang	KUP	Timor, Indonesia	10.1678S 123.5860E	52	
Kupang	KUPT	Timor, Indonesia	10.1513S 123.6050E		
Kupang	KUG	Timor, Indonesia	10.1513S 123.6050E	52	From 1973-01-01
Kupiano	KPN	Papua New Guinea	10.0746S 148.1810E	20	
Kupiano	KUPN	Papua New Guinea	10.0769S 148.1840E	10	From 1983-12-14
Kurahashi	JHM	Hiroshima, Japan	34.1395N 132.5293E	60	
Kuranda	KDA	Queensland, Australia	16.8250S 145.6300E	365	From 1959-11-01 to 1964-12-31
Kurayoshi	JKR	Tottori, Japan	35.3783N 133.8198E	174	
Kurayoshi	KYTD	Tottori, Japan	35.4392N 133.8339E	100	
Kurchatov	KURK	Kazakhstan	50.7154N 78.6202E	184	From 1995-03-26
Kurchatov Array	KURBB	Kazakhstan	50.6226N 78.5304E	200	From 2006-09-20
Kurchatov Array Site 1	KUR01	Kazakhstan	50.7216N 78.5634E	163	From 2006-09-20
Kurchatov Array Site 10	KUR10	Kazakhstan	50.5236N 78.4977E	203	From 2006-09-20
Kurchatov Array Site 11	KUR11	Kazakhstan	50.6019N 78.6863E	200	From 2006-09-20
Kurchatov Array Site 12	KUR12	Kazakhstan	50.6061N 78.6551E	202	From 2006-09-20
Kurchatov Array Site 13	KUR13	Kazakhstan	50.6102N 78.6242E	224	From 2006-09-20
Kurchatov Array Site 14	KUR14	Kazakhstan	50.6144N 78.5927E	217	From 2006-09-20
Kurchatov Array Site 15	KUR15	Kazakhstan	50.6185N 78.5615E	198	From 2006-09-20
Kurchatov Array Site 16	KUR16	Kazakhstan	50.6269N 78.4993E	193	From 2006-09-20
Kurchatov Array Site 17	KUR17	Kazakhstan	50.6318N 78.4690E	184	From 2006-09-20
Kurchatov Array Site 18	KUR18	Kazakhstan	50.6353N 78.4368E	191	From 2006-09-20
Kurchatov Array Site 19	KUR19	Kazakhstan	50.6394N 78.4057E	180	From 2006-09-20
Kurchatov Array Site 2	KUR02	Kazakhstan	50.7017N 78.5566E	167	From 2006-09-20
Kurchatov Array Site 20	KUR20	Kazakhstan	50.6436N 78.3746E	182	From 2006-09-20
Kurchatov Array Site 21	KUR21	Kazakhstan	50.6222N 78.5311E	240	
Kurchatov Array Site 3	KUR03	Kazakhstan	50.6820N 78.5500E	173	From 2006-09-20
Kurchatov Array Site 4	KUR04	Kazakhstan	50.6622N 78.5434E	176	From 2006-09-20
Kurchatov Array Site 5	KUR05	Kazakhstan	50.6424N 78.5366E	181	From 2006-09-20
Kurchatov Array Site 6	KUR06	Kazakhstan	50.6028N 78.5239E	194	From 2006-09-20
Kurchatov Array Site 7	KUR07	Kazakhstan	50.5831N 78.5172E	200	From 2006-09-20
Kurchatov Array Site 8	KUR08	Kazakhstan	50.5632N 78.5108E	199	From 2006-09-20
Kurchatov Array Site 9	KUR09	Kazakhstan	50.5433N 78.5043E	199	From 2006-09-20
Kurday	KRD	Kazakhstan	43.3833N 75.0500E	900	
Kurdzhali	KDZ	Bulgaria	41.6500N 25.4167E	409	
Kure	KRE	Hiroshima, Japan	34.2333N 132.5670E		
Kuril'sk	KUR	Sakhalinskaya Oblast', Russia	45.2333N 147.8667E	25	
Kurino-dake	KV04	Miyazaki, Japan	31.9422N 130.8133E	1020	
Kurkur	AKUR	Egypt	23.8940N 32.7760E		
Kurmenty	KRM	Kazakhstan	42.9870N 78.2750E	2151	
Kuroka	JGF	Gifu, Japan	35.6008N 137.3572E	580	
Kuromamegawa	KMGE	Nagano, Japan	36.4200N 138.5456E	1557	
Kuro-shima	JKRS	Ryukyu Islands, Japan	24.2375N 124.0092E	9	
Kuroyon	KYJ	Toyama, Japan	36.5640N 137.6692E	1390	
Kurravaara	KUA	Sweden	67.9542N 20.3368E	360	
Kurtkulagi	KRTT	Turkey	36.9220N 35.8810E	100	From 1994-01-01
Kurty	KUU	Kazakhstan	43.8930N 76.3390E	550	
Kurukshehra	KKR	Haryana, India	29.9615N 76.8207E	257	From 1974-01-01
Kurvinen	KU1	Finland	65.5646N 29.5583E	240	From 2003-06-26
Kurzu	KRYG	Georgia	42.5826N 42.2841E	310	From 1973-01-01
Kushihara	KHJ	Gifu, Japan	35.2576N 137.4088E	343	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Kushima	JJK	Miyazaki,Japan	31.4800N	131.2847E	235	
Kushima--Naru	JNAR	Miyazaki,Japan	31.5265N	131.2717E	80	
Kushiro	KSUJ	Kushiro,Japan	43.1000N	144.7950E	-30	From 1978-01-01
Kushiro	KUSJ	Kushiro,Japan	43.1000N	144.7950E	-30	From 1978-01-01
Kushiro	KUS	Kushiro,Japan	42.9750N	144.3917E	33	
Kuta	KUTA	Papua New Guinea	5.9200S	144.2233E	2017	
Kutsugahara	KUT	Hiroshima,Japan	34.9528N	132.8160E	336	From 1968-05-06 to 1974-12-27
Kuturchin	KTR	Krasnoyarskiy Kray	54.9377N	94.2144E	350	From 2004-11-26
Kutztown	KTZ	Pennsylvania,U.S.A.	40.5117N	75.7800W	148	From 1967-10-01
Kuujuuaa	KUO	Quebec,Canada	58.1090N	68.4113W	54	From 1990-01-21
Kuztini	KUZU	Turkey	36.7735N	37.0750E	701	From 2007-12-07
Kuzumaki	JKZ	Iwate,Japan	39.9845N	141.3298E	620	
Kvetna	KVC	Czech Republic	50.2059N	12.5152E	580	From 2003-05-14
Kwajalein Atoll	KWAJ	Marshall Islands	8.8019N	167.6130E		
Kwanting	KWNG	Beijing	40.2400N	115.6050E	0	From 1955-01-01
Kyakhta	KYA	Buryatiya,Russia	50.3667N	106.4500E		
Kyburz Flat	KBF	California,U.S.A.	39.5068N	120.2120W	2079	From 1973-04-01
Kyle	KYL	Scotland,United Kingdom	57.3197N	5.6506W	105	From 1984-01-01 to 1986-04-18
Kyoto	KYO	Kyoto,Japan	35.0117N	135.7350E	42	
Ky Son	KSVV	Vietnam	20.8750N	105.3590E	30	From 2005-03-15
Kythira	KTHR	Crete	36.2606N	23.0042E	315	From 2007-05-01
Kyzart	KZA	Kyrgyzstan	42.0778N	75.2496E	3520	
Kyzyl	KZLR	Krasnoyarskiy Kray	51.7050N	94.4538E	603	From 2003-12-24
Kyzyl-Adyr	KZAD	Kyrgyzstan	42.6590N	71.6000E	900	
Kyzyldzhar	KYZD	Tajikistan	41.5500N	70.0100E	1428	
Kziot	KZIT	Israel	30.9063N	34.3972E	248	
La Aguada	AGV	Venezuela	8.5630N	71.0900W	3516	
La Almunia	NE11*	Spain	41.4770N	1.3720W	370	
Labasa	LBSA	Fiji	16.5540S	179.2890E	185	
Labassere	LABF	Midi-Pyrenees,France	43.0475N	0.0737E	750	From 1997-03-01
Labe	LABG	Guinea	11.2328N	12.3322W	1130	From 1991-07-01
Labete	LBT	Solomon Islands	8.3167S	157.2670E		
Labuha	LBMI	Bacan	0.6379S	127.5008E	114	From 2005-01-01
Lac	LACI	Albania	41.6363N	19.7094E	55	
Lac	LACR	Severo-Osetinskaya	42.8255N	44.2958E	1287	From 2004-08-13
Lac Aux requins	LARD	Djibouti	11.5787N	42.5066E	100	From 1999-01-01
Lac Daran	DAQ	Quebec,Canada	47.9644N	71.2425W	939	From 1988-12-15
Lac de Gras North	LDGN	Northwest Territories,Canada	64.6786N	110.5224W	422	
Lac de Gras South	LGSN	Northwest Territories,Canada	64.3337N	110.1307W	440	
Lac de Lave	LDLO	Djibouti	11.5837N	42.4985E	137	From 1987-01-01
Lac des Isle Mine	LDIO	Ontario,Canada	49.1750N	89.5955W	500	
Lac-des-Plages	DHLQ	Quebec,Canada	45.9963N	74.8853W	193	
Lac du Bonnet	ULM	Manitoba,Canada	50.2497N	95.8750W	281	From 1984-09-04
La Ceiba	LCBS	El Salvador	13.6550N	88.9783W	710	From 1991-12-01
La Ceiba	CEIV	Venezuela	9.4098N	71.0359W	4	
La Chapelle	CABF	Franche Comte,France	46.6111N	6.0875E	1070	From 1996-04-03
La Chataigneraiie	LCHF	Poitou-Charentes,France	46.6693N	0.7417W	166	
La Clusaz	OCG0	Rhone-Alpes,France	45.9137N	6.4380E	1330	From 1991-09-11
Lacona	LCNA	New York,U.S.A.	43.6442N	75.9260W	396	
La Concha	LHG	Guatemala	14.4450N	91.1825W	600	From 1979-05-01
Laconia	LANH	New Hampshire,U.S.A.	43.5910N	71.4900W	200	
Lacq	LACL	Aquitaine,France	43.4350N	0.7269W	195	
Lacq-Usine	USIL	Aquitaine,France	43.4169N	0.6378W	95	
La Cruz	CRUC	Colombia	1.4987N	76.9523W	2743	From 1994-01-01
La Cruz	CRZC	Costa Rica	10.9533N	85.5967W	325	
Lac Salanfe	SALAN	Switzerland	46.1441N	6.9730E	1885	
Lac Senin	SENIN	Switzerland	46.3633N	7.2993E	2035	
La Cuchilla	LACU	Venezuela	7.8767N	71.3906W	800	From 1984-01-01
La Cueva	LCV	New Mexico,U.S.A.	35.8828N	106.6740W	2652	From 1973-09-01 to 1999-08-25
La Culata	CUV	Venezuela	8.7490N	71.0600W	2940	
La Cumbre	CMG	Guatemala	14.6707N	89.7853W	1802	
La Cumbre 2	CMG2	Guatemala	14.6608N	89.7867W	1710	From 1988-01-01
La Cumbre Peak	LPC	California,U.S.A.	34.4965N	119.7130W	1190	From 1969-11-01
La Danta	LADA	Venezuela	7.9389N	71.6131W	1200	From 1984-01-01
Ladd Mountain	LMW	Washington,U.S.A.	46.6680N	122.2910W	1195	From 1975-06-30
La Desirade	DEG	Guadeloupe	16.3132N	61.0598W	575	From 1988-03-01
La Diana	DIAC	Colombia	3.2913N	76.1973W	1520	From 1987-01-01
La Diferencia	DR6	Dominican Republic	19.2328N	70.9915W		
La Diferencia	DR06	Dominican Republic	19.2328N	70.9915W		
Ladik-KONYA	LADK	Turkey	38.2000N	32.3648E	1168	From 2007-06-19
Ladron	LAZ	New Mexico,U.S.A.	34.4020N	107.1390W	1853	
Ladron Mountain	LAD	New Mexico,U.S.A.	34.4583N	107.0370W	1768	From 1976-01-01
La Druitiere	LDF	Basse-Normandie,France	48.5936N	0.1222W	290	From 1982-09-28
Lady	LDJ	Utah,U.S.A.	40.5815N	111.4087W	2217	From 1992-09-30
Lae	LAE	Papua New Guinea	6.6731S	146.9130E	50	From 1966-01-01 to 1970-05-18
Lae	LAT	Papua New Guinea	6.6651S	147.0020E	72	From 1970-05-18
Laeen	ILIN	Iran	34.9186N	46.9624E	2195	From 2004-01-01
Lae--Mount Lunaman	MLM	Papua New Guinea	6.7351S	147.0090E	100	From 1979-01-01
Lafayette	LA-	Georgia,U.S.A.	34.8572N	85.4500W	610	From 1965-12-03 to 1965-12-13
Lafayette	LA-GA	Georgia,U.S.A.	34.8572N	85.4500W	610	From 1965-12-03 to 1965-12-13
Lafayette	LAF	Rhode Island,U.S.A.	41.5508N	71.5067W	40	From 1976-03-25 to 1977-06-10
La Foliniere	FLN	Basse-Normandie,France	48.7625N	0.4819W	240	
La Follette	LF-TN	Tennessee,U.S.A.	36.4697N	83.8286W	366	
La Follette	LF-	Tennessee,U.S.A.	36.4697N	83.8286W	366	
La Foret Royale	FRF	Provence-Cote d'Azur,France	43.5607N	6.6468E	310	From 1981-07-01
La Frestale	LFF	Aquitaine,France	44.9395N	0.7402E	200	From 1985-07-17
La Fuente	LFU	El Salvador	13.7487N	89.1138W	732	
Lagarterita	LGT	Panama	9.0745N	79.9150W	50	
Lagoa do Fogo	LFA	Azores,Portugal	37.7726N	25.4831W	693	From 1981-01-01
Lago Colima	CLMC	Colombia	3.8814N	76.5630W	1480	From 1988-11-01
Lago de Cote	AR2	Costa Rica	10.5614N	84.8933W	763	
Lagodekhi	LGD	Georgia	41.8347N	46.2423E	420	From 1968-01-01
La Gomera	EGOM	Canary Islands,Spain	28.1594N	17.2096W	0	From 2003-05-19
Lagor	LAGL	Aquitaine,France	43.4061N	0.6650W	190	
La Grande	LGOR	Oregon,U.S.A.	45.2164N	118.0010W	1200	From 1991-07-01
La Grande	LTO	Quebec,Canada	53.7017N	76.0850W	313	From 1980-05-01 to 1982-11-17
La Grande	LGO	Quebec,Canada	53.6920N	77.7250W	190	From 1976-08-04 to 1980-05-17
La Grande	LBO	Quebec,Canada	53.5360N	77.3540W	183	From 1979-07-27
La Grande	LAQ	Quebec,Canada	53.8073N	77.0200W	183	From 1978-10-15
La Grande	LCO	Quebec,Canada	53.5411N	76.9731W	293	From 1978-10-13
La Grande	LDO	Quebec,Canada	53.8061N	77.4281W	198	
La Grande 3	LRO	Quebec,Canada	53.7014N	76.0589W	284	From 1984-04-02
La Grande 3	LXQ	Quebec,Canada	53.7223N	76.0222W	195	From 1986-12-16
La Grande 3	JCO	Quebec,Canada	53.4672N	75.8242W	320	
La Grande 3	JBO	Quebec,Canada	53.6103N	75.6053W	381	
La Grande 3	JAQ	Quebec,Canada	53.8022N	75.7211W	366	From 1981-03-23 to 1999-08-25
La Grande 4	LQO	Quebec,Canada	53.8458N	73.4883W	311	From 1983-02-23 to 1984-03-11
La Grande 4	KCO	Quebec,Canada	53.8328N	73.1319W	457	From 1983-01-01 to 1984-03-11
La Grande 4	LG4Q	Quebec,Canada	53.6269N	74.0972W	168	
La Grande 4	KBO	Quebec,Canada	53.9778N	73.2850W	472	From 1983-01-01 to 1984-03-11
La Grande 4	KAQ	Quebec,Canada	53.9833N	73.5230W	472	From 1983-01-01 to 1984-03-12
La Grange	LGAR	Arkansas,U.S.A.	34.6520N	90.6560W	100	From 1979-08-07
Lagu-Hvolar	IHVO	Iceland	63.5260N	18.8480W	196	From 1999-10-20
Laguna Mountains	LGA	Arizona,U.S.A.	32.7597N	114.4930W	68	
Laguna Peak	BLG	California,U.S.A.	34.1095N	119.0640W	415	From 1969-11-01
Laguna Tiscapa	TISN	Nicaragua	12.1425N	86.2693W	200	
Laguna Verde	LAV	Valparaiso,Chile	33.0874S	71.7462W	60	
Laguna Verde	LVVM	Veracruz,Mexico	19.7380N	96.4488W		
Laguna Verde	LVIG	Veracruz,Mexico	19.7232N	96.4177W	41	From 1988-01-01
Laguneta	LAGU	Venezuela	9.7700N	69.7650W	800	From 1986-01-01
Lagunillas	LGN	Venezuela	10.1450N	71.2700W	-3	From 1969-08-01
Lagunillas	LAGV	Venezuela	10.2239N	71.1593W	100	
Lahad Datu	MYLDM	Sabah	5.1800N	118.5000E	0	From 2006-03-24
Lahat	LHSI	Sumatera	3.8267S	103.5233E	0	From 2007-12-01
La Honda	LT5	California,U.S.A.	37.3313N	122.2800W	226	From 1966-12-18 to 1970-05-01
Lahore	LAH	Pakistan	31.5500N	74.3333E	210	From 1952-01-01 to 1968-12-31
Laichau	LUV	Vietnam	22.0519N	103.1590E	1100	
Lai Chau	LCVN	Vietnam	22.0387N	103.1543E	1100	
L'Aileron	AIL	Martinique	14.8010N	61.1080W	879	From 1971-03-01 to 1999-08-25

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Lailor River, Nunavut	LAIN	Northwest Territories	69.1086N	83.5361W	320	
Lajitas	LTX	Texas,U.S.A.	29.3339N	103.6670W	1013	From 2005-08-18
Lajitas Array Beam Reference Point	TXAR	Texas,U.S.A.	29.3338N	103.6670W	1013	From 1984-09-12
Lajitas Array Site 10	TX10	Texas,U.S.A.	29.3307N	103.7025W	1033	
Lajitas Array Site 2	TX02	Texas,U.S.A.	29.3297N	103.6575W	952	
Lajitas Array Site 3	TX03	Texas,U.S.A.	29.3310N	103.6740W	990	
Lajitas Array Site 4	TX04	Texas,U.S.A.	29.3397N	103.6672W	1013	
Lajitas Array Site 5	TX05	Texas,U.S.A.	29.3202N	103.6523W	957	
Lajitas Array Site 6	TX06	Texas,U.S.A.	29.3187N	103.6815W	1007	
Lajitas Array Site 7	TX07	Texas,U.S.A.	29.3397N	103.6890W	1038	
Lajitas Array Site 8	TX08	Texas,U.S.A.	29.3510N	103.6765W	1015	
Lajitas Array Site 9	TX09	Texas,U.S.A.	29.3433N	103.6598W	1001	
Lajitas Ar. Site	TX31	Texas,U.S.A.	29.3342N	103.6678W	1025	
Lajitas Ar. Site	TX00	Texas,U.S.A.	29.3338N	103.6670W	1013	
Lajitas B3	LTB3	Texas,U.S.A.	29.3397N	103.6672W	1013	
La Jolla	LJC	California,U.S.A.	32.8633N	117.2530W	8	From 1927-05-05 to 1975-11-30
La Jonquera	EJON	Spain	42.4487N	2.8886E	570	
La Joya	LJY	New Mexico,U.S.A.	34.3365N	106.8960W	1532	
Lake	LKWY	Wyoming,U.S.A.	44.5652N	110.4000W	2424	From 1995-10-19
Lake Benmore	LBZ	South Island,New Zealand	44.3872S	170.1842E	423	From 2004-06-04
Lake Butte	YPLA	Wyoming,U.S.A.	44.5127N	110.2687W	2580	
Lake Butte	YPLB	Wyoming,U.S.A.	44.5113N	110.2720W	2565	
Lake Chabot	CLCM	California,U.S.A.	37.7380N	122.0640W	312	From 1972-11-21 to 2008-07-16
Lake Chabot	CLCB	California,U.S.A.	37.7379N	122.0649W	309	
Lake Chabot	LKC	California,U.S.A.	37.7380N	122.0640W	312	From 1972-11-21 to 2008-07-16
Lake Erie College	LECO	Ohio,U.S.A.	41.7090N	81.2500W	204	
Lakehead University	LHC	Ontario,Canada	48.4167N	89.2667W	196	From 1969-02-28 to 1986-09-24
Lake Helena	LHM	Montana,U.S.A.	46.6756N	111.9430W	1117	From 1974-10-09 to 1976-10-04
Lake Herman	NLHM	California,U.S.A.	38.1198N	122.1480W	177	
Lake Hughes	LHU	California,U.S.A.	34.6710N	118.4110W	1036	From 1976-06-01
Lake Junction	WYPLK	Wyoming,U.S.A.	44.5697N	110.3865W	2390	
Lakeland CC	LCCO	Ohio,U.S.A.	41.6380N	81.3640W	231	
Lake Mead	LM-	Nevada,U.S.A.	36.5825N	114.5353W	536	From 1961-11-25 to 1962-05-14
Lake Mead	LM-NV	Nevada,U.S.A.	36.5825N	114.5353W	536	From 1961-11-25 to 1962-05-14
Lake Minchumina	CHUM	Alaska,U.S.A.	63.8827N	152.3147W	58	
Lake Moeraki	LMZ	South Island,New Zealand	43.7183S	169.2710E	10	From 1990-11-09
Lake Mountain	LMU	Utah,U.S.A.	40.2831N	111.9370W	2316	From 1974-09-01 to 1980-03-31
Lake Ozonia	LOZ	New York,U.S.A.	44.6197N	74.5829W	440	
Lake Ozonia	LONY	New York,U.S.A.	44.6197N	74.5829W	440	
Lake Shores	LSU	Utah,U.S.A.	40.1322N	111.7301W	1375	
Lakeside	LSCT	Connecticut,U.S.A.	41.6784N	73.2244W	318	From 1993-08-04 to 2007-02-06
Lake Taylor	LTZ	South Island,New Zealand	42.7828S	172.2690E	640	From 1989-11-01
Lakeview	LKVW	Oregon	42.2242N	120.3596W	1512	From 2007-05-01
Lakeview	L05A	Oregon,U.S.A.	42.0472N	120.8336W	1751	From 2006-06-16 to 2007-10-24
Lakeview Peak	LVP	Washington,U.S.A.	46.0683N	122.4080W	1170	
Lakeview Retreat	LRAL	Alabama,U.S.A.	33.0348N	86.9978W	130	
Lake Wenatchee	LW-WA	Washington,U.S.A.	47.8456N	120.9017W	762	
Lake Wenatchee	LW-	Washington,U.S.A.	47.8456N	120.9017W	762	
Lake Wisdom	LKW	Papua New Guinea	5.3350S	147.0650E	150	
Lakewood Golf Course	LGC	California,U.S.A.	33.8358N	118.1500W	17	From 1971-07-07 to 1974-03-15
Lakka	LAKA	Greece,Greece	38.2401N	21.9785E	505	From 2008-01-01
Lale Fork Canyon	LFC	New Mexico,U.S.A.	35.8769N	106.6650W	2451	
La Lomota	DR05	Dominican Republic	19.6349N	70.8596W	660	
La Lomota	DR5	Dominican Republic	19.6349N	70.8596W	660	
La Lucha	LCR	Costa Rica	9.7384N	84.0016W	1400	From 1978-01-01 to 1982-11-30
La Lucha 2	LCR2	Costa Rica	9.7422N	84.0030W	1730	From 1982-11-01
La Lucha Farm	LLC	Costa Rica	9.6654N	83.9991W	1400	From 1966-02-01 to 1978-01-31
Lama dei Peligni	LPEL	Italy	42.0468N	14.1832E	760	From 2008-04-11
La Malbaie	LMBQ	Quebec	47.4700N	70.1500W	0	From 1979-09-19
La Malbaie	LMQ	Quebec,Canada	47.5483N	70.3267W	419	From 1976-11-04
Lamap	LMP	Vanuatu	16.4256S	167.8000E	60	
Lambert Chapel	LCAL	Alabama,U.S.A.	34.5225N	85.6302W	544	From 1983-02-24 to 1985-12-03
Lamborn Island	ELB	New Ireland,Papua New Guinea	4.8038S	152.8300E	10	
Lamborn Mesa, Paonia	Q21X	Colorado,U.S.A.	38.8347N	107.5738W	1881	From 2007-12-04
La Mesa Andrade	LMX	Sonora,Mexico	32.1087N	114.9600W	1000	From 1988-01-01
Lamington	LMG	Papua New Guinea	8.9083S	148.1500E	1200	From 1970-01-01
Lamocks	LMC	Guangdong,China	23.2667N	117.2830E	0	
La Mourre	LMR	Provence-Cote d'Azur,France	43.3339N	6.5092E	200	
Lampang	LPT	Thailand	18.2167N	99.5500E	0	From 1976-02-01 to 1978-08-31
Lampedusa	LPD	Italy	35.5114N	12.5951E	20	From 1989-05-01
Lampeter	LPW	Wales,United Kingdom	52.1136N	4.0681W	152	
Lamto	LIC	Ivory Coast	6.2244N	5.0278W	105	From 1965-06-01
La Murta	EMUR	Spain	37.8422N	1.2405W	574	
Lancaster	LANC	California,U.S.A.	34.7270N	118.0510W	719	
Land-Between-the-Lakes	LLKY	Kentucky,U.S.A.	36.9220N	88.0970W	177	From 1985-01-01
Landers	LAC	California,U.S.A.	34.3898N	116.4120W	792	From 1968-08-01
Landfair	LDFC	California,U.S.A.	35.0781N	115.1096W	1209	
Lands Inn, Kimberly	H07A	Oregon,U.S.A.	44.5913N	119.5646W	1204	From 2006-08-15 to 2008-04-18
Landslide	LSW	Washington,U.S.A.	46.4813N	119.2453W	262	From 1970-06-01 to 1971-10-31
Lane BPA Site-SMO	LANE	Oregon	44.0517N	123.2331W	120	From 2001-01-17
Lanestosa	ELAN	Spain	43.2317N	3.4340W	0	From 2003-03-28
Langara Island	LIB	British Columbia,Canada	54.2558N	133.0580W	35	From 1984-09-12
Lang Chanh	LAVN	Vietnam	20.1532N	105.2475E	50	From 2003-01-01
Langenberg	LANF	Alsace,France	48.9806N	7.8053E	500	
Langila	LAG	New Britain,Papua New Guinea	5.4556S	148.4330E	24	
Lang Ngam	LNVN	Vietnam	21.0770N	106.1540E	50	
Lankaran	LNK	Azerbaijan	38.7500N	48.8600E	-18	From 1949-01-01 to 1984-01-01
Lannavaara	LANU	Sweden	68.0493N	21.9880E	500	From 2004-08-07
Lanshu	TWI	Taiwan region	22.0683N	120.5050E	20	From 1974-09-12
Lanslevillard	LNS	Rhone-Alpes,France	45.2889N	6.9147E	1480	
Lanuvio	LAV9	Italy	41.6778N	12.6989E	300	From 2000-06-07
Lan-yu	LAY	Taiwan region	22.0387N	121.5510E	324	
Lan-yu	LYUB	Taiwan region	22.0017N	121.5840E	40	
Lanzarote	CLAN	Canary Islands,Spain	29.1031N	13.4761W	356	
Lanzhou	LCC	Gansu,China	36.0833N	103.6670E	1600	
Lanzhou	LAN	Gansu,China	36.0500N	103.8330E	1518	
Lanzhou	LZH	Gansu,China	36.0867N	103.8440E	1560	
La Palma	LPS	El Salvador	14.2922N	89.1619W	1000	
La Paz	LPAZ	Bolivia	16.2879S	68.1307W	4774	
La Paz	LPIG	Baja California,Mexico	24.1020N	110.3080W	46	
La Paz	LZ-	Bolivia	16.2586S	68.4797W	3993	
La Paz	LPB	Bolivia	16.5327S	68.0984W	3292	From 1962-02-01
La Paz	LAP	Baja California,Mexico	24.1600N	110.2800W	65	
La Paz	LPX	Baja California	24.1293N	110.4310W	7	From 2006-12-09
La Paz	LZ-BV	Bolivia	16.2586S	68.4797W	3993	
La Pedrera	LAPE	Venezuela	7.5580N	71.5756W	327	From 1984-01-01
La Peregrina	LPR	Puerto Rico	18.3086N	65.8697W	580	From 1976-08-10 to 1999-08-25
La Plagne	LPL	Rhone-Alpes,France	45.5164N	6.7324E	2070	From 1986-07-01
La Plagne	LPG	Rhone-Alpes,France	45.4977N	6.7514E	2570	From 1985-06-01
La Plaine Cafres	PCR	Reunion	21.1957S	55.5778E	2270	
La Plantade	PLDF	Auvergne,France	45.9698N	3.6212E	940	From 1983-06-01
La Plata	LPA	Buenos Aires,Argentina	34.9089S	57.9319W	14	From 1907-01-01
La Pocatiere	LPO	Quebec,Canada	47.3408N	70.0093W	126	From 1980-06-06 to 2006-03-28
La Pocatiere	POC	Quebec,Canada	47.3644N	70.0408W	61	From 1972-01-21 to 1980-10-17
La Pryor	LP-	Texas,U.S.A.	29.1797N	99.6764W	274	From 1961-11-27 to 1962-05-16
La Pryor	LP-TX	Texas,U.S.A.	29.1797N	99.6764W	274	From 1961-11-27 to 1962-05-16
Lapseki	LPK	Turkey	40.3727N	26.7602E	200	
Lapu-Lapu	LLP	Cebu,Philippines	10.3170N	123.9660E	135	
La Quiaca	LQA	Jujuy,Argentina	22.1033S	65.6033W	3464	
L'Aquila	AQU	Italy	42.3539N	13.4019E	729	From 1952-01-01
La Quinta	LAQC	California,U.S.A.	33.6280N	116.2800W	49	
Laramie	LAR	Wyoming,U.S.A.	41.3144N	105.5830W	2400	From 1954-01-01 to 1977-12-31
Larch Mountain	VLMM	Oregon,U.S.A.	45.5385N	122.0390W	1158	
Lares	LRS	Puerto Rico	18.2934N	66.8450W	440	From 1977-02-15
La Roca	LARO	Costa Rica	9.7052N	84.0235W	2107	
La Roche-sur-Yon	LRFY	Poitou-Charentes,France	46.5787N	1.5472W	67	
Laroque-de-Fa	LRDF	Languedoc-Rousillon,France	42.9378N	2.5387E	400	From 2003-04-01
Larrau	LARF	Aquitaine,France	43.0380N	0.9875W	670	From 1997-10-30
Larroussi	LRO	Morocco	31.8370N	9.1500W	135	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Larsen Ranch, Manila	N18A	Utah,U.S.A.	40.9763N 109.6731W	1893	From 2007-07-24
Larsen Ranch, Promontory	M15A	Utah,U.S.A.	41.4632N 112.4477W	1348	From 2007-02-12
La Rúa	ERUA	Spain	42.3927N 7.1425W	431	From 1987-05-01
La Rumorosa	RMX	Baja California,Mexico	32.6020N 116.0780W	1420	
La Rusia	RUSC	Colombia	5.9271N 73.0755W	3356	From 1994-01-01
Lasa Array	LASA	Montana,U.S.A.	46.6885N 106.2231W	902	
Lasa Array	LA0	Montana,U.S.A.	46.6885N 106.2231W	902	
LASA Array	LA0	Montana,U.S.A.	46.6885N 106.2231W	902	From 1966-01-01
LASA B Ring	LB4	Montana,U.S.A.	46.7681N 106.2430W	717	From 1966-01-01 to 1999-08-25
LASA B Ring	LB3	Montana,U.S.A.	46.6592N 106.3170W	723	From 1966-01-01 to 1999-08-25
LASA B Ring	LB2	Montana,U.S.A.	46.6350N 106.1630W	694	From 1966-01-01 to 1999-08-25
LASA B Ring	LB1	Montana,U.S.A.	46.7522N 106.0920W	754	From 1966-01-01 to 1999-08-25
LASA C Ring	LC1	Montana,U.S.A.	46.8394N 106.1270W	719	From 1966-01-01 to 1999-08-25
LASA C Ring	LC2	Montana,U.S.A.	46.6694N 106.0130W	779	From 1966-01-01 to 1978-06-30
LASA C Ring	LC4	Montana,U.S.A.	46.7353N 106.3740W	764	From 1966-01-01 to 1978-06-30
LASA C Ring	LC3	Montana,U.S.A.	46.5742N 106.2500W	682	From 1966-01-01 to 1978-06-30
LASA D Ring	LD3	Montana,U.S.A.	46.5497N 106.4800W	800	From 1966-01-01 to 1999-08-25
LASA D Ring	LD1	Montana,U.S.A.	46.8397N 105.8890W	759	From 1966-01-01 to 1978-06-30
LASA D Ring	LD4	Montana,U.S.A.	46.9419N 106.3830W	713	From 1966-01-01 to 1978-06-30
LASA D Ring	LD2	Montana,U.S.A.	46.5031N 106.0110W	661	From 1966-01-01 to 1978-06-30
LASA E Ring	LE4	Montana,U.S.A.	46.7608N 106.9170W	803	From 1966-01-01 to 1974-01-01
LASA E Ring	LE3	Montana,U.S.A.	46.1494N 106.3340W	761	From 1966-01-01 to 1974-01-01
LASA E Ring	LE2	Montana,U.S.A.	46.5128N 105.3650W	610	From 1966-01-01 to 1974-01-01
LASA E Ring	LE1	Montana,U.S.A.	47.1628N 106.0560W	686	From 1966-01-01 to 1974-01-01
LASA F Ring	LF1	Montana,U.S.A.	47.3708N 105.1880W	740	From 1966-01-01 to 1974-01-01
LASA F Ring	LF3	Montana,U.S.A.	45.9728N 107.0820W	837	From 1966-01-01 to 1974-01-01
LASA F Ring	LF2	Montana,U.S.A.	45.9094N 105.4860W	754	From 1966-01-01 to 1974-01-01
LASA F Ring	LF4	Montana,U.S.A.	47.4111N 106.9440W	707	From 1966-01-01 to 1974-01-01
Las Aradas	LHAH	Honduras	14.0500N 87.4083W	1650	
Las Brisas	LBRS	El Salvador	13.7383N 89.0433W	770	From 1991-12-01
Las Campanas	LCO	Coquimbo,Chile	29.0111S 70.7010W	2299	
Las Canadas	CCAN	Canary Islands,Spain	28.2217N 16.6050W	2210	
Las Cruces	LC	New Mexico,U.S.A.	32.4022N 106.5994W	1585	
Las Cruces	LCCH	Santiago,Chile	33.4753S 71.5697W	180	From 1987-11-17
Las Cruces	LC-NM	New Mexico,U.S.A.	32.4022N 106.5994W	1585	
La Serena	LSCH	Coquimbo,Chile	29.9080S 71.2450W	52	
Las Flores	FLS	Guatemala	13.8943N 90.0658W	180	
Las Granadillas	GRDS	El Salvador	13.7583N 89.2917W	1500	From 1991-12-01
Lasithi	LAST	Crete,Greece	35.1611N 25.4786E	870	
Lasjerd	ILAS	Iran	35.3822N 52.9589E	1770	From 1999-05-01
Las Lajas	LJX	Veracruz,Mexico	19.5383N 97.1492W	3050	From 1983-04-01
Las Melosas	LMEL	Santiago,Chile	33.8476S 70.2034W	1540	
Las Mercedes	LMGC	Cuba	20.0640N 77.0050W		
Las Mercedes	MERV	Venezuela	9.2510N 66.2970W	156	From 2001-11-16
Las Mesas	LSP2	Puerto Rico	18.1458N 66.9811W		
Las Mesas	LSP	Puerto Rico	18.1775N 67.0860W	390	From 1975-11-14
Las Nubes	LNB	Nicaragua	12.0328N 86.2532W	640	From 1983-01-01
Las Nubes	NBG	Guatemala	14.5875N 90.3467W	2200	
Las Ollas	OLLA	Venezuela	10.0189N 66.8039W	947	From 1984-01-01
La Souterraine	LSF	Limousin,France	46.2500N 1.5294E	430	
Lassiter	DY2	Tennessee,U.S.A.	36.3302N 89.3520W	110	From 1969-01-01 to 1970-12-31
Last Change Range	LCH	California,U.S.A.	37.2330N 117.6450W	1414	
Las Vegas	LWV	Nevada,U.S.A.	36.1700N 115.1880W	654	
Las Vegas	LVN	Nevada,U.S.A.	36.1092N 115.1400W	610	From 1960-01-01 to 1970-12-31
Laterza	LTRZ	Italy	40.6033N 16.8191E	381	
Laterza	LATE	Italy	42.6137N 11.8040E	610	From 2006-05-04
Latheron	MLA1	Scotland,United Kingdom	58.3055N 3.3627W	188	From 1981-01-01
La Tortuga	TORT	Venezuela	10.9084N 65.3139W	40	From 1984-01-01 to 1999-08-25
Latouche	LTI	Alaska,U.S.A.	60.0405N 147.8540W	302	From 1988-07-01
Latrobe	ALAM	California,U.S.A.	38.5667N 120.9560W	293	
La Tuque	LATQ	Quebec,Canada	47.3835N 72.7819W	163	From 2007-09-14
Latur	LATR	Maharashtra,India	18.4163N 76.5595E		
La Union	UON	Guerrero,Mexico	17.9700N 101.8150W		
Laupahoehoe	LPH	Hawaii,U.S.A.	19.9972N 155.4042W	6	
Laupendahl	LAUG	Nordrhein-Westfalen	51.3510N 6.9440E	140	From 2004-08-01
Lau Rambong	LARI	Sumatera,Indonesia	2.8856N 98.1572E	820	
Laurance Lake	VLL	Oregon,U.S.A.	45.4633N 121.6790W	1195	From 1980-10-01
La Urbina	LAU	Venezuela	7.9110N 71.7080W	1810	
Laurel	LL-MS	Mississippi,U.S.A.	31.7214N 89.3558W	91	From 1966-11-14 to 1966-12-03
Laurel	LL	Mississippi,U.S.A.	31.7214N 89.3558W	91	From 1966-11-14 to 1966-12-03
Laurel Creek	LRCG	California,U.S.A.	37.5857N 118.9090W	2780	From 1984-07-01
Laurel Mountain	LRMC	California,U.S.A.	35.4773N 117.6892W	1256	
L'Aution	AUTN	Provence-Cote d'Azur,France	43.9955N 7.4275E	2065	
Lava2-Rev Volc	LAV2	Ecuador	0.0848S 77.6438W	2680	From 2002-03-08 to 2003-09-01
Lava3-Reventador	LAV3	Ecuador	0.0967S 77.6323W	2210	From 2004-11-09
Lava Cap Winery, Placerville	LAVA	California,U.S.A.	38.7552N 120.7395W	828	From 2004-12-09 to 2007-12-08
Lava Point	LVA	Alaska,U.S.A.	54.1609N 166.0338W	457	
Lavic	LAVC	California,U.S.A.	34.7658N 116.2865W	902	
La Victoria	LVG	Guatemala	14.9662N 91.0950W	2020	From 1978-06-01 to 1999-08-25
La Villa de Los Santos	LVS	Panama	7.9270N 80.4166W	37	From 2001-08-14
La Villita	LVGX	Guerrero,Mexico	18.0450N 102.1750W		
Lavrentia	LAVR	The Chukotsky Autonomous Okrug	65.5850N 171.0120W	18	From 2005-12-15
Lawrence	LAW	Kansas,U.S.A.	38.9594N 95.2500W	260	From 1909-01-01 to 2001-07-15
Lawrence	LAK	Kansas,U.S.A.	39.0463N 95.2045W	326	From 1977-08-14 to 2001-07-15
Lawton Elementary School	LAWT	Washington,U.S.A.	47.6565N 122.3894W	111	
La Yayitas	DR11	Dominican Republic	18.4719N 70.2346W	780	
Layou Valley	DLVT	Dominica	15.4365N 61.3946W	274	
Lazaro Cardenas	LAZM	Michoacan,Mexico	18.0360N 102.2050W		
Lazy 6 Ranch, Villanueva	W24A	New Mexico,U.S.A.	35.2106N 105.4075W	1902	From 2008-05-03
Lazy EL Ranch, Roscoe	G18A	Montana,U.S.A.	45.3171N 109.5631W	1699	From 2007-10-28
Lazy VL Ranch, Encino	X24A	New Mexico,U.S.A.	34.5646N 105.4349W	1917	From 2008-04-26
Leachville	LVAR	Arkansas,U.S.A.	35.9146N 90.2221W	71	
Lead	LEA	South Dakota,U.S.A.	44.3333N 103.8170W		
Lead Mountain	LED	California,U.S.A.	34.4677N 115.9360W	853	From 1974-04-01
Leadore	LI4A	Idaho,U.S.A.	44.6165N 113.3674W	1933	From 2007-08-16
Leadville	LDV	Nevada,U.S.A.	41.0975N 119.3910W	1798	From 1974-03-01 to 1976-05-31
Leamington	P15A	Utah,U.S.A.	39.5708N 112.2786W	1576	From 2007-05-23
Leaning Rock	LRCZ	South Island,New Zealand	45.0653S 169.3460E	1533	From 1986-12-01 to 2003-08-15
Lebam	E03A	Washington,U.S.A.	46.5459N 123.5632W	72	From 2005-10-26
Lebanon	LB-NH	New Hampshire,U.S.A.	43.6208N 72.2756W	274	From 1962-06-14 to 1962-06-28
Lebanon	LB-	New Hampshire,U.S.A.	43.6208N 72.2756W	274	From 1962-06-14 to 1962-06-28
Le Caire	OG25	Provence-Cote d'Azur,France	44.3698N 6.0735E	1060	
Lecce	LCI	Italy	40.3346N 18.1120E	46	
Leeds	LDS	Utah,U.S.A.	37.2425N 113.3514W	1101	
Leeds	LEE	Utah,U.S.A.	37.2430N 113.3767W	1097	From 1963-04-01 to 1999-08-25
Leeds University	LDU	England,United Kingdom	53.8025N 1.5553W	230	From 1983-01-01
Lee Vining	R07C	California,U.S.A.	38.0890N 119.0469W	1996	From 2005-08-03 to 2007-10-02
Lefka	LEF	Cyprus	35.1193N 32.8903E	130	From 1998-01-14
Lefkada island	LKD2	Greece	38.7889N 20.6578E	485	From 2008-06-02
Lefkose	LFK	Cyprus	35.2792N 33.5325E	690	From 1987-01-01
Legarje	LEGS	Slovenia	45.9488N 15.3177E	390	
Legaspi	LGP	Luzon,Philippines	13.1562N 123.7340E	19	From 1975-10-01
Legaspi	LEG	Luzon,Philippines	13.1333N 123.7333E	19	
Leghorn	LIV	Italy	43.5333N 10.3000E		
Legoe Bay, Lummi Island	A04A	Washington,U.S.A.	48.7197N 122.7070W	23	From 2004-09-19 to 2008-02-19
Legon	LGG	Ghana	5.6483N 0.1967W	137	From 1976-11-01 to 1986-12-31
Legon	LEGH	Ghana	5.6483N 0.1814W	91	
Lehigh University	LUPA	Pennsylvania,U.S.A.	40.5987N 75.3718W	255	From 2006-01-08
Leibel Peak	WLPM	California,U.S.A.	35.5077N 118.4090W	2265	
Leipzig	LEI	Sachsen,Germany	51.3350N 12.3917E	113	
Leirgulen	N2B6	Norway	61.8640N 5.3060E	20	
Leirhofn	ILEI	Iceland	66.4070N 16.4900W	41	From 1993-10-24
Lekhapani	LKP	Assam,India	27.3333N 96.0667E	148	
Le Mans	LMF	Pays de la Loire,France	48.0000N 0.2000E	77	
Le Marinel	LMA	Congo (Kinshasa)	10.3000S 25.4000E		
Lembang	LEM	Jawa,Indonesia	6.8266S 107.6175E	1293	From 1954-01-01
Lemhi Junction	LJI	Idaho,U.S.A.	43.8208N 112.8440W	1600	From 1990-05-15
Lemitar	LENM	New Mexico,U.S.A.	34.1655N 106.9740W	1698	
Lemonthyme	LMT	Tasmania,Australia	41.6100S 146.1520E	349	From 1969-09-25 to 1971-08-06

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Leninakan	LEN	Armenia	40.7667N	43.8500E	1522	
Lennox	LTN	Tennessee,U.S.A.	36.0630N	89.4950W		
Lenox	LNXT	Tennessee,U.S.A.	36.1014N	89.4913W	144	From 1977-08-01 to 1992-12-31
Lenox	LNx	Massachusetts,U.S.A.	42.3389N	73.2724W	345	
Lentini	HLNI	Sicily,Italy	37.3480N	14.8720E	95	From 1994-05-01
Leoben	LTA	Austria	47.4033N	15.0761E	840	
Leola	LAL	Alabama,U.S.A.	34.4367N	87.3372W	320	From 1989-03-28
Leon	LEON	Nicaragua	12.4160N	86.8925W	160	
Leon	LNM	Jalisco,Mexico	21.1167N	101.6675W	1800	
Leonard	LNO2	Oklahoma,U.S.A.	35.9125N	95.7892W	-171	From 1992-01-01
Leonard	LNO3	Oklahoma,U.S.A.	35.9125N	95.7892W	257	From 1992-01-01
Leonard	LNO	Oklahoma,U.S.A.	35.9125N	95.7892W	-487	From 1988-12-07
Leona Valley	LEOC	California,U.S.A.	34.6313N	118.3040W	1073	
Leon Cerro Gordo	LCG	Guanajuato,Mexico	21.1450N	101.7250W	2200	From 1968-03-01
Leoncito	LEO	San Juan,Argentina	31.7997S	69.3353W	2400	
Leoncito	RTLS	San Juan,Argentina	31.7989S	69.2969W	2250	
Leonessa	LNSS	Italy	42.6029N	13.0403E	1155	From 2004-05-10
Leota Junior High School	LEOT	Washington,U.S.A.	47.7679N	122.1151W	155	
Leova	LEOM	Moldova	46.4733N	28.2467E	52	From 1982-01-01
Lepanto	LPAR	Missouri,U.S.A.	35.6019N	90.3002W	66	
Le Parnasse	PAG	Guadeloupe	16.0297N	61.6800W	670	From 1950-01-01
Lepaterique	LTH	Honduras	14.0708N	87.3458W		From 1990-01-01
Le Pertre	LPF	Bretagne,France	48.0315N	1.0408W	156	
Le Peyrat	LPEF	Midi-Pyrenees,France	42.9485N	1.9077E	440	From 1998-10-20
Lephalale	LEP	Transvaal,South Africa	23.6497S	27.7468E	840	
Le Pouchou	LPO	Midi-Pyrenees,France	44.6831N	1.1869E	330	
Lerchenberg	LBG	Baden-Wuerttemberg,Germany	48.6639N	8.7954E	594	From 1995-01-01
Leresti	LRR	Romania	45.4403N	25.0750E	700	From 1989-01-01
Lerida	LER	New South Wales,Australia	34.9344S	149.3640E	700	From 1970-01-01 to 1995-01-01
Lermontov	LMTZ	Armenia	40.7570N	44.6440E	1810	
Lernakert	LERZ	Armenia	40.5670N	43.9500E	1990	
Le Roux Dam	PKR	Orange Free State,South Africa	30.0033S	24.7417E	1267	
Lerwick	LRWS	Shetland Islands,United Kingdom	60.1397N	1.1831W	80	
Lerwick	LRW	Shetland Islands,United Kingdom	60.1360N	1.1779W	100	From 1978-01-01
Les Avellanes	CAVN	Spain	41.8827N	0.7518E	626	
Les Buteaux	LBF	Bourgogne,France	46.9844N	3.9772E	715	
l'Escarene	ESCA	Provence-Cote d'Azur	43.8310N	7.3740E	550	From 2003-10-29
Lescure	LESF	Midi-Pyrenees,France	43.0311N	1.2839E	460	
Les Eyzies	NE09	Aquitaine,France	44.8520N	0.9810E	160	From 1982-11-01 to 1986-02-28
Les Forges d'Abel	FDFA	France	42.8188N	0.5672W	1230	From 1998-05-20
Lesken	LSNR	Severo-Osetinskaya	43.2738N	43.8156E	694	From 2004-06-23
Leskovik	LSK	Albania	40.1500N	20.6000E	922	From 1985-01-01
Lesozavodsk	LES	Sakhalinskaya Oblast',Russia	44.7667N	147.1830E		
Leparou	LSPF	Midi-Pyrenees,France	42.9481N	1.9042E	450	
Les Platons	JLP	Channel Islands,United Kingdom	49.2428N	2.1039W	131	From 1981-01-01
Les Rejaudoux	RJF	Limousin,France	45.3044N	1.5164E	410	From 1975-10-01
Les Rejaudoux	NE18	Limousin,France	45.3044N	1.5164E	410	From 1975-10-01 to 2001-07-28
Les Verrieres	BRANT	Switzerland	46.9381N	6.4729E	1145	
Letterbox	LBXM	New South Wales,Australia	34.2721S	150.8736E	400	
Leukerbad	LKBD	Switzerland	46.3871N	7.6271E	1550	
Levan	LEVD	Utah,U.S.A.	39.5065N	111.8147W	1996	From 1992-01-01
Levan Peak	LVU	Utah,U.S.A.	39.4917N	111.8270W	2530	From 1978-01-01
Levkas	LKD	Greece	38.7072N	20.6506E	1140	
Levy	LVY	Alaska,U.S.A.	64.2167N	149.2530W	230	From 1972-07-01
Lewis and Clark Caverns	LCCM	Montana,U.S.A.	45.8377N	111.8780W	1669	From 1983-03-01
Lewisburg	LE-TN	Tennessee,U.S.A.	35.6347N	86.7672W	213	From 1962-10-17 to 1962-10-27
Lewisburg	LE-	Tennessee,U.S.A.	35.6347N	86.7672W	213	From 1962-10-17 to 1962-10-27
Lewis Ranch	BLRM	California,U.S.A.	36.6660N	121.2730W	232	From 1973-02-15
Lewistown	LN-MA	Montana,U.S.A.	47.2119N	109.1489W	1448	
Lewistown	LT-	Pennsylvania,U.S.A.	40.3392N	78.0667W	396	From 1962-11-08 to 1962-12-12
Lewistown	LT-PA	Pennsylvania,U.S.A.	40.3392N	78.0667W	396	From 1962-11-08 to 1962-12-12
Lexington	LEX	Virginia,U.S.A.	37.7894N	79.4417W	311	From 1971-05-01 to 1977-12-31
Lexington	LEK	Kentucky,U.S.A.	38.0361N	84.5050W	299	From 1974-10-01 to 1976-05-31
Lexington Res.	JLXM	California,U.S.A.	37.2018N	121.9860W	244	From 1975-02-04
Lexington Reservoir	LXR	California,U.S.A.	37.2018N	121.9860W	244	From 1975-02-04
L&G Farms, Chester	B17A	Montana,U.S.A.	48.2921N	110.7988W	894	From 2007-11-15
Lhasa	LHA	Xizang Zizhiqu,China	29.6367N	91.0367E	3789	
Lhasa	LSA	Xizang Zizhiqu,China	29.7000N	91.1500E	3789	
Lhers	LHE	Aquitaine,France	42.9130N	0.6213W	1070	
Lhok Sumawe	LHMI	Sumatera	5.2288N	96.9472E	0	From 2008-01-01
Liard River	LR9	British Columbia,Canada	59.4483N	126.1750W	610	
Libby	B12A	Montana,U.S.A.	48.4694N	115.5889W	764	From 2006-09-23
Libby Dam	LDM	Montana,U.S.A.	48.4539N	115.3170W	838	From 1970-02-22 to 2004-03-11
Liberty	LTY	Washington,U.S.A.	47.2578N	120.6703W	970	
Liberty	LI-	Nevada,U.S.A.	38.3061N	117.2917W	1829	
Liberty	LI-NV	Nevada,U.S.A.	38.3061N	117.2917W	1829	
Liberty Hill	LHS	South Carolina,U.S.A.	34.4762N	80.8062W	120	From 1974-05-20
Lichensteins Rd	LIRZ	North Island,New Zealand	38.0050S	176.3842E	340	From 1992-06-15
Lichinga	LICH	Mozambique	13.2689S	35.2348E	1400	
Lichinga	LICM	Mozambique	13.2830S	35.2260E	1400	From 2006-06-01
Lidau	ELDTW	Taiwan region	23.1890N	121.0170E	1040	
Liddieville	LV-	Louisiana,U.S.A.	32.1361N	91.8750W	15	From 1963-06-28 to 1964-01-30
Liddieville	LV-LA	Louisiana,U.S.A.	32.1361N	91.8750W	15	From 1963-06-28 to 1964-01-30
Liddow	LID	Mecklenberg-Vorpommern,Germany	54.5481N	13.3664E	1	
Lightning Creek	LGTM	Victoria,Australia	36.7632S	147.4636E	1105	
Lignon Hill	VLH	Luzon,Philippines	13.1600N	123.7260E	67	From 1993-01-01
Lihir Island	LHIS	New Ireland,Papua New Guinea	3.1170S	152.6330E	10	From 1987-06-22
Liikasenvaara	KU4	Finland	66.3645N	29.5794E	290	From 2004-11-04
Lijar	LJA	Spain	36.9061N	5.4038E	951	From 1987-11-01
Likavka	LKVS	Slovakia	49.0500N	19.1060E	341	From 2003-12-01
Likely Place Golf, Likely	M06C	California,U.S.A.	41.2047N	120.4772W	1434	From 2005-06-28 to 2007-10-21
Lilico Spur	LSCZ	South Island,New Zealand	45.1164S	169.3692E	759	From 1986-12-01 to 1996-04-30
Lille	LIL	Nord-Pas-de-Calais,France	50.6158N	3.0708E	13	
Lillehammer	LHN	Norway	61.0492N	10.8800E	555	From 1965-04-01 to 1999-08-25
Lille Linde	LLD	Denmark	55.3331N	12.2150E	8	
Lillevand	N1R4	Norway	66.4490N	13.8780E	55	
Lillevik	N1R2	Norway	66.2820N	13.2330E	61	
Lillooet	LLLB	British Columbia,Canada	50.6090N	121.8815W	700	
Lillooet	LLL	British Columbia,Canada	50.6950N	121.9170W		From 1959-01-01 to 1960-02-01
Lilltraesk	LILU	Sweden	65.2856N	19.8480E	100	From 2000-09-01
Lilongwe	LILM	Malawi	14.1840S	33.7750E	1106	
Lima	LIM	Peru	11.9750S	77.0347W	127	
Lima	H15A	Montana,U.S.A.	44.6173N	112.6439W	1957	From 2007-08-16
Lima (Magdalena)	LM2	Peru	12.0850S	77.0583W	0	
Lima (NY)	LILH	New York,U.S.A.	42.9213N	77.6172W	233	
Limay	LIY	Nicaragua	13.1983N	86.5602W	460	From 1975-01-01
Limburg	LlBD	Baden-Wuerttemberg,Germany	48.1505N	7.6030E	210	From 1985-01-01
Lime	LIME	Oregon,U.S.A.	44.4331N	117.2480W	1500	From 1990-04-01
Limekiln Ridge	LRM	Montana,U.S.A.	45.8222N	112.4510W	2326	From 1981-10-10
Limnos	LOS	Greece	39.9342N	25.0814E	460	From 1996-09-28
Limnos Island	LIA	Greece	39.8981N	25.1831E	60	From 1997-01-01
Limon	LIO	Costa Rica	10.0050N	83.0350W	62	
Limon	LICR	Costa Rica	9.9692N	83.0883W	105	
Limon	LNCR	Costa Rica	9.9658N	83.0693W	40	
Limonal	LIM1	Costa Rica	10.6995N	85.2540W	591	From 1993-01-01
Limon Verde	LVC	Antofagasta,Chile	22.6128S	68.9113W	2165	
Linares	LNIG	Nuevo Leon	24.8982N	99.4657W	295	From 2006-01-16
Linares	LNCH	Maule,Chile	35.8475S	71.6013W	170	From 2005-01-13
Lincoln	Q04C	California,U.S.A.	38.8390N	121.3769W	14	From 2004-12-10 to 2007-10-12
Lincoln	ALNM	California,U.S.A.	38.9297N	121.2880W	54	From 1976-12-02
Lincoln	LCN	Nebraska,U.S.A.	40.8117N	96.7019W	352	
Lincoln	LIN	Nebraska,U.S.A.	40.8383N	96.6533W	366	
Lincoln	D15A	Montana,U.S.A.	47.0418N	112.5204W	1593	From 2006-10-05
Lincoln School	LOC	California,U.S.A.	38.1525N	122.7130W	120	From 1970-08-14
Linclon Mountain	LNOR	Oregon,U.S.A.	45.8711N	118.2850W	768	From 1986-08-01
Linda	LDMO	Missouri,U.S.A.	36.4110N	89.5630W	86	From 1980-07-19
Lindquist Farm, Mitchell	H06A	Oregon,U.S.A.	44.7344N	120.3346W	516	From 2006-08-16 to 2008-05-08
Lindsay	LINO	Ontario,Canada	44.3541N	78.7802W	268	
Linfen	LNF	Shanxi,China	36.0840N	111.3700E	555	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Linhart Farms, Moccasin	D18A	Montana,U.S.A.	47.1961N	109.8023W	1202	From 2007-10-15
Linkoeeping	LNKU	Sweden	58.2232N	15.5047E	130	From 2002-03-25
Linth-Limmern	LLS	Switzerland	46.8483N	9.0093E	1900	From 1975-01-01
Lioujiâu	CHN7	Taiwan region	23.4840N	120.2350E	6	
Lipari	LLI	Sicily, Italy	38.4450N	14.9481E	225	
Lipari	LPI	Italy	38.4892N	14.9328E	225	From 1987-12-11
Lipkovo	LIP	Former Yugoslav Rep. of Macedonia	42.1625N	21.5833E	483	From 1969-01-01
Lip M Gallina IE	ILMG	Sicily, Italy	38.4603N	14.9467E	170	From 1988-01-01
Lip Q Pani IE	LIQ	Sicily, Italy	38.5100N	14.9158E	350	From 1988-01-01
Lisbon	LBNH	New Hampshire,U.S.A.	44.2401N	71.9259W	367	From 1993-08-14
Lisbon	LIS	Portugal	38.7165N	9.1491W	77	
Lisbon	LS-NH	New Hampshire,U.S.A.	44.2383N	71.9225W	287	From 1963-09-27 to 1965-03-22
Lisbon--Monsanto	PMST	Portugal	38.7368N	9.1833W	175	
Lisbon (USA)	LS-	New Hampshire,U.S.A.	44.2383N	71.9225W	287	From 1963-09-27 to 1965-03-22
Listvyanka	LSTR	Irkutskaya Oblast',Russia	51.8681N	104.8319E	450	
Lita	LITE1	Ecuador	0.7945N	78.3611W	1206	From 2006-01-18
Lita	LITE	Ecuador	0.8078N	78.3644W	1200	From 2007-01-01
Litchfield	LITR	California,U.S.A.	40.4308N	120.3208W	1646	
Litokhoron	LIT	Greece	40.1008N	22.4900E	480	From 1981-01-01
Little America	LAA	King Edward VII Land,Antarctica	78.2000S	162.2500W		
Little Aspen Butte	LAB	Oregon,U.S.A.	42.2675N	122.0640W	1774	From 1969-10-07
Little Butte	LBM	Montana,U.S.A.	46.5149N	111.8540W	1524	From 1974-10-09 to 1976-10-04
Little Cholame Creek	LCCB	California,U.S.A.	35.9801N	120.5142W	385	
Little Chuckwalla Mountains	LTC	California,U.S.A.	33.4890N	115.0700W	458	
Little Green Mountain	LGM	Idaho,U.S.A.	46.7330N	116.0930W	1455	From 1971-10-01 to 1974-07-25
Little Hoodo Mountain	LHD	Montana,U.S.A.	48.2578N	115.5580W	1134	
Little Horse	WLHM	California,U.S.A.	36.1523N	118.3120W	2676	
Little Humpy Peak	LHUT	Utah	40.8914N	110.9964W	3084	From 2008-07-08
Little Hunttoon Valley	LHV	Nevada,U.S.A.	38.2512N	118.5040W		
Little Lost River	LLRI	Idaho,U.S.A.	43.7230N	112.9330W	1471	From 1990-06-06
Little Maria Mountains	LTM	California,U.S.A.	33.9150N	114.9180W	744	From 1974-04-01
Little Mountain	LMTN	Tennessee U.S.A.	35.8868N	83.4098W	610	From 1984-03-16 to 1991-09-08
Little Mountain	LMT	Utah,U.S.A.	41.5917N	112.2470W	1585	From 1974-09-01
Little Mount Hoffman	LMHM	California,U.S.A.	41.5790N	121.6570W	2228	From 1979-07-12
Little Rabbit V.	BRVM	California,U.S.A.	36.4243N	121.0180W	555	From 1969-11-26
Little Rabbit Valley	LRV	California,U.S.A.	36.4243N	121.0180W	555	From 1969-11-26
Little Raleigh	RNC	North Carolina,U.S.A.	35.6318N	78.9803W		
Little Rock	LRA	Arkansas,U.S.A.	34.7783N	92.3517W	150	From 1931-02-02 to 1967-07-27
Little Rock Reservoir	LRRC	California,U.S.A.	34.5260N	118.0280W		
Little Sitkin Island	LSI	Alaska,U.S.A.	51.9197N	178.5340E		
Little Skull Mountain	LSM	Nevada,U.S.A.	36.7389N	116.2716W	1162	From 1970-10-20 to 1972-06-30
Little Skull Mountain	LSN	Nevada,U.S.A.	36.7536N	116.2590W	1070	From 1971-07-20 to 2002-10-10
Little Table Mountain	LTMT	Montana,U.S.A.	44.5258N	112.1100W	2603	From 1989-09-14
Little Thumb Creek	YLT	Wyoming,U.S.A.	44.4370N	110.5880W	2439	
Liverpool	LVR	England,United Kingdom	53.4167N	2.9333W	60	
Livingston	LTL	U.S.A.	30.5374N	90.7660W	21	
Liwa	LWLI	Sumatera	5.0175S	104.0589E	938	From 2005-01-01
Liyang	LYP	Luzon,Philippines	14.6334N	120.4851E	100	
Liyutan	TWQ1	Taiwan region	24.3480N	120.7730E	260	
Ljotipollur	LJO	Iceland	64.0235N	19.0230W		
Ljubljana	LJU	Slovenia	46.0438N	14.5274E	396	
Llanada	LLA	California,U.S.A.	36.6167N	120.9430W	475	From 1961-01-01
Llanberis	YLL	Wales,United Kingdom	53.1402N	4.1704W	162	From 1984-01-01
Llano	LLAC	California,U.S.A.	34.8455N	117.4855W	1018	
Llanuwchllyn	LLW	Wales,United Kingdom	52.8492N	3.6650W	213	
Ilaves	U22A	New Mexico,U.S.A.	36.3773N	106.8546W	2119	From 2008-05-22
Llico	LLIC	Bio-Bio,Chile	37.2293S	73.5942W	70	
Llivia	CLLI	Spain	42.4792N	1.9741E	1411	
Llolleo	LLCH	Santiago,Chile	33.6105S	71.6182W	30	
Llyn Conwy	WLC	Wales,United Kingdom	52.9956N	3.7788W	440	From 1985-01-01
Llynfaes	WLF1	Wales,United Kingdom	53.2894N	4.3966W	58	From 1985-01-01
Lobatse	LBTB	Botswana	25.0145S	25.5970E	1028	From 1993-01-01
Lobios	ELOB	Spain	41.8674N	8.0611W	980	
Lock 6	LGKY	Kentucky,U.S.A.	37.9260N	84.8200W	128	From 1983-11-01 to 1988-04-13
Lock 6	L6KY	Kentucky,U.S.A.	37.9260N	84.8200W		
Locke Island	LOCK	Washington,U.S.A.	46.7170N	119.4308W	210	From 1982-11-01
Lockhart	LOKY	Kentucky,U.S.A.	37.2370N	88.2950W	230	From 1992-12-01
Lockwood Valley	LOK	California,U.S.A.	34.7245N	119.0910W	1570	
Lodge	LDG	Alabama,U.S.A.	33.2905N	87.5350W	95	
Lodi Road	LDR	Delhi,India	28.5833N	77.2167E		
Lodumlu	LOD	Turkey	39.8890N	32.7640E	902	
Loei	LOE	Thailand	17.4063N	101.7300E	259	From 1984-08-01
Loerrach-Stetten	LOES	Baden-Wuerttemberg,Germany	47.6047N	7.6663E	307	From 2004-06-16
Lofoten	LOF	Norway	68.1310N	13.5420E	80	From 1987-01-01
Logan	LOG	Utah,U.S.A.	41.7417N	111.8130W	1455	
Log Cabin	LCA	Alabama,U.S.A.	33.3067N	87.4683W	132	From 1971-01-09
Logie Almond	ELO	Scotland,United Kingdom	56.4706N	3.7119W	495	From 1969-01-01
Loginova	LGNR	Kamchatskaya Oblast',Russia	56.0828N	160.6897E	2500	
Logrono	LGR	Spain	42.4578N	2.5032W	446	From 1963-01-01 to 1989-11-30
Logumkloster	NE03	Denmark	55.0450N	9.1530E	25	From 1983-02-01 to 2001-07-28
Lohaghat	LGTI	India	29.4500N	80.2463E	0	
Lohaghat	LGAT	Nepal	29.4500N	81.8333E		
Loja	ALOJ	Spain	37.1090N	4.1050W	1340	
Lokbatan	LKB	Azerbaijan	40.3050N	49.7150E	30	From 1980-01-01
Lokris	LKR	Greece	38.6506N	22.9994E	180	From 1997-01-01
Loma Alta	LALZ	El Salvador	13.5393N	88.5422W	474	
Loma Carmona	SACA	Dominican Republic	18.9775N	69.6803W		
Loma Colora	SDD01	Dominican Republic	19.1235N	69.9732W	165	From 1986-07-12
Loma de el Viento	LEV	Venezuela	7.7661N	63.0607W	337	
Loma El Cafe	SDD07	Dominican Republic	18.7828N	70.2223W	620	
Loma El Joboban	MAVI	Dominican Republic	19.2457N	69.9117W		From 1986-09-07
Loma El Mogote	SDD04	Dominican Republic	19.4835N	70.4855W	905	
Loma en Medio	LOMO	Dominican Republic	18.8767N	68.8613W	0	
Loma La Ceniza	SDD03	Dominican Republic	19.3370N	70.0685W	410	
Loma La Naviza	DR08	Dominican Republic	18.9623N	70.0217W	640	
Loma La Naviza	DR8	Dominican Republic	18.9624N	70.0217W		
Loma Manacilla	SDD05	Dominican Republic	19.1017N	70.4478W	425	
Loma Pena Alta	DR12	Dominican Republic	18.7878N	69.3807W	640	
Loma Prieta	JLPM	California,U.S.A.	37.1110N	121.8430W	1152	
Loma Quita	QUES	Dominican Republic	19.3530N	70.1480W	0	
Loma Siseviere	SDD02	Dominican Republic	19.6035N	69.9483W	440	
Loma Yayaes	SDD08	Dominican Republic	18.9885N	69.6922W	325	
Lome	LOM	Togo	6.1217N	1.2133E	5	
Lo Mia Camp, Pine	X16A	Arizona,U.S.A.	34.4178N	111.4411W	1759	From 2007-03-30
Lomita	LOMS	California,U.S.A.	33.7952N	118.2790W	-173	From 1989-12-20
Lomont	LOMF	Frache Comte,France	47.3508N	6.8275E	1000	
Lompoc	BLP	California,U.S.A.	34.5603N	120.4000W	134	From 1969-11-01
London (Ont)	LND	Ontario,Canada	43.0410N	81.1830W	246	From 1961-12-07 to 1967-05-31
London (Ont)	LDN	Ontario,Canada	43.0400N	81.1833W	246	From 1975-06-01
Lone Oak Road	LRC	California,U.S.A.	36.2465N	121.0430W	308	From 1970-08-14
Lone Oak Road	PLOM	California,U.S.A.	36.2465N	121.0430W	308	From 1970-08-14
Lone Pine	LN9	California,U.S.A.	36.5944N	118.1850W	500	
Lone Star	LST	Missouri,U.S.A.	36.5230N	89.7310W	83	
Lone Tree Road	HLTM	California,U.S.A.	36.8845N	121.3080W	183	From 1970-08-17
Lone Tree Road	LTR	California,U.S.A.	36.8845N	121.3080W	183	From 1970-08-17
Long Ground	MLGT	Montserrat	16.7250N	62.1623W	287	
Long Hollow	LOHW	Wyoming,U.S.A.	43.6124N	110.6040W	2121	From 1986-01-01
Longmire	LON	Washington,U.S.A.	46.7500N	121.8100W	854	From 1958-03-12
Long Mynd	HLM1	Wales,United Kingdom	52.5184N	2.8807W	429	From 1984-01-01
Longovilo	LNV	Valparaiso,Chile	33.9558S	71.4108W	160	From 1972-01-01
Longridge	LLO	England,United Kingdom	53.8503N	2.5598W	247	From 1989-01-01 to 1991-10-14
Long Valley	LVNJ	New Jersey,U.S.A.	40.8095N	74.7650W	201	From 1977-06-08
Long Valley	LG-	Arizona,U.S.A.	34.4078N	111.5458W	1768	From 1964-04-02 to 1965-10-04
Long Valley	LG-AZ	Arizona,U.S.A.	34.4078N	111.5458W	1768	From 1964-04-02 to 1965-10-04
Lonorore	LNR	Vanuatu	15.8519S	168.1600E	8	
Lookout	M05C	California,U.S.A.	41.3593N	121.1457W	1333	From 2005-06-29 to 2007-10-10
Lookout Mountain	LMCR	California,U.S.A.	37.7283N	118.9450W	2530	From 1979-11-01
Lookout Mountain	LKGA	Georgia,U.S.A.	34.6233N	85.4722W	655	From 1985-12-05
Lookout Mountain Observatory	LMO	California,U.S.A.	34.1086N	118.3880W	392	From 1971-02-12 to 1973-06-30

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Lookout Mountain Observatory	LMS	California,U.S.A.	34.0692N	118.4400W	131	
Lookout Peak	LOP	Nevada,U.S.A.	36.8544N	116.1677W	1714	
Look Rock	LRKT	Tennessee,U.S.A.	35.6340N	83.9240W	780	From 1979-01-23 to 2002-10-10
Lorado	LRDO	Arkansas,U.S.A.	35.9692N	90.6953W	137	From 1983-10-25
Lorca	EXLO	Spain	37.6760N	1.7000W	407	From 1988-12-01
Lorch/Rhein	WBD	Hessen	50.0847N	7.8570E	229	
Lord Howe Island	LHI	New South Wales,Australia	31.5200S	159.0631E	73	From 2001-11-30
Lorgues	LRG	Provence-Cote d'Azur,France	43.4547N	6.3603E	110	From 2007-07-08
Lormes	LOR	Bourgogne,France	47.2683N	3.8589E	520	
Lorqui	EXLR	Spain	38.0820N	1.2530W	115	
Los Alamitos	LNAS	California,U.S.A.	33.7892N	118.0550W	-50	From 1972-05-01
Los Alamos	LOA	New Mexico,U.S.A.	35.8247N	106.2940W	2144	From 1972-01-12 to 1999-08-25
Los Alamos Infrasonic Array Beam Ref. Pt.	LSIAR	New Mexico,U.S.A.	36.7681N	106.3340W	0	
Los Alamos Infrasonic Array Site 1	LSI01	New Mexico,U.S.A.	36.7681N	106.3340W	0	
Los Alamos Infrasonic Array Site 2	LSI02	Colorado,U.S.A.	36.8619N	105.2269W	0	
Los Alamos Infrasonic Array Site 3	LSI03	New Mexico,U.S.A.	36.9657N	105.3340W	0	
Los Alamos Infrasonic Array Site 4	LSI04	New Mexico,U.S.A.	36.8619N	107.4411W	0	
Los Angeles Museum of Natural History	LCM	California,U.S.A.	34.0178N	118.2870W	0	From 1971-08-01
Los Banos	LBPH	Luzon,Philippines	14.1540N	121.1800E	300	
Los Chungos	CHNG	Coquimbo	31.8828S	71.4998W	27	From 2005-03-12
Los Guarumos	LGUZ	El Salvador	13.6447N	88.5613W	220	
Los Lagos	LOLA	Costa Rica	10.4900N	84.7137W	550	
Los Molles	MOCH	Valparaiso,Chile	32.2319S	71.5069W	15	
Los Morros	CEN1	Antofagasta	23.3897S	70.2000W	1090	From 2005-09-16
Los Niches	NICH	Maule,Chile	35.0026S	71.2296W	220	From 2004-06-03
L'Ospedale	OSPF	Corse,France	41.6632N	9.1915E	965	From 2003-01-01
Los Pinos Mountain	LPM	New Mexico,U.S.A.	34.3117N	106.6320W	1737	From 1976-01-01
Los Quelltehues	LQT	Santiago,Chile	33.8147S	70.2119W	1400	From 1978-06-26
Los Roques	LORO	Venezuela	11.9520N	66.6768W	69	From 1984-01-01
Lossier	NE31	Netherlands	52.2641N	7.0066E	35	
Los Tablonas	LTG	Guatemala	14.9625N	90.1553W	928	From 1978-06-01 to 1999-08-25
Lost Marbles Ranch, Westfall	I09A	Oregon,U.S.A.	43.9733N	117.7407W	950	From 2006-07-27
Lostock Dam	LOSM	New South Wales,Australia	32.3304S	151.4556E	109	
Los Trancos	JLTM	California,U.S.A.	37.3537N	122.2040W	270	From 1966-12-15
Los Trancos Road	JTRM	California,U.S.A.	37.3522N	122.1980W	251	
Los Trancos Woods	LTW	California,U.S.A.	37.3537N	122.2040W	270	From 1966-12-15
Lost Valley Reservoir	LVRT	Idaho,U.S.A.	44.9447N	116.4520W	1700	From 1991-08-01
Losuia	LOSU	D'Entrecasteaux Islands,Papua New Guinea	8.5119S	151.0740E	10	From 1983-12-08
Los Vilos	VICH	Coquimbo,Chile	31.9112S	71.5104W	44	
Lotru	LOT	Romania	45.4481N	23.7694E	1240	
Louis Bay	LOU	Alaska,U.S.A.	60.4655N	147.6440W	490	
Louis Trichardt	LTT	Cape Province,South Africa	29.7233S	23.0150E	1006	
Loup City	LCNC	Nebraska,U.S.A.	41.3083N	98.9387W	671	
Loup City	LCNE	Nebraska,U.S.A.	41.3083N	98.9387W	671	
Loures	PLOU	Portugal	38.8852N	9.1518W	180	
Loutraki	LTRA	Greece	37.9754N	22.9766E	100	From 2008-03-15
Loutraki	LTAK	Greece	38.0230N	22.9670E	410	From 2006-01-01
Lovejoy Buttes	LJB	California,U.S.A.	34.5912N	117.8480W	899	From 1977-12-01
Lovelace Mesa, Carrizozo	Y23A	New Mexico,U.S.A.	33.9315N	106.0549W	1789	From 2008-04-12
Lovelock	LO-	Nevada,U.S.A.	39.9353N	118.8394W	1280	From 1963-02-23 to 1963-03-29
Lovelock	LO-NV	Nevada,U.S.A.	39.9353N	118.8394W	1280	From 1963-02-23 to 1963-03-29
Lovelock	LVK	Nevada,U.S.A.	40.1870N	118.5250W	1225	From 1969-11-05 to 1975-11-30
Lovikneset	N2B3	Norway	61.8250N	4.9530E	10	
Lovozero	LVZ	Karel'skaya,Russia	67.8979N	34.6514E	630	
Lower Browns Hole	LBUT	Utah,U.S.A.	41.3097N	111.7320W	1768	From 1978-06-01 to 1981-05-31
Lower Mag Wash	LWA	Utah,U.S.A.	38.4903N	112.8610W	1817	
Loyalton	LOY	California,U.S.A.	39.6600N	120.2400W	0	
Lualailua	LLAH	Hawaii,U.S.A.	20.6270N	156.3103W	683	
Luanda	LUA	Angola	8.5000S	13.2333E	69	
Lubang	LUBP	Mindoro,Philippines	13.7340N	120.2460E	50	
Lubbock	LUB	Texas,U.S.A.	33.5833N	101.8670W	979	From 1948-06-01
Lubilhac	LBL	Auvergne,France	45.2323N	3.2470E	950	
Luboga	LBGA	Congo (Kinshasa)	1.2650S	29.1170E	1850	
Lubrecht Forest	LFM	Montana,U.S.A.	46.8898N	113.4530W	1256	From 1974-08-02 to 1976-10-04
Lubudi	LBC	Congo (Kinshasa)	9.9000S	25.9833E	1375	From 1966-12-01 to 1999-08-25
Lubumbashi	ELI	Congo (Kinshasa)	11.6500S	27.4667E	1245	
Luby	LUBY	Czech Republic	50.2602N	12.3592E	625	
Lucas Creek	LCW	Washington,U.S.A.	46.6707N	122.7008W	396	
Lucas Heights	LHBM	New South Wales,Australia	34.0537S	150.9786E	168	
Lucedale	LD-MS	Mississippi,U.S.A.	30.9500N	88.8833W	70	From 1966-11-13 to 1966-12-03
Lucedale	LD3MS	Mississippi,U.S.A.	30.6661N	89.0436W	46	
Lucedale	LD2MS	Mississippi,U.S.A.	30.8528N	88.5406W	79	
Lucedale	LD-	Mississippi,U.S.A.	30.9500N	88.8833W	70	From 1966-11-13 to 1966-12-03
Luceram	LUCF	Provence-Cote d'Azur	43.8925N	7.3462E	1087	From 2006-05-17
Lucky Boy Pass	LBP	Nevada,U.S.A.	38.4320N	118.7390W	2280	
Lucky Star	LSUT	Utah,U.S.A.	41.6848N	111.5580W	2225	From 1979-11-01 to 2004-03-11
Lucq-de-Bearn	LDBL	Aquitaine,France	43.3189N	0.6139W	250	
Luda	DAI	Liaoning,China	38.9000N	121.6330E	97	
Luepa	LUEV	Venezuela	5.8430N	61.4610W	1380	From 2003-06-04
Luganville	LUG	Vanuatu	15.5178S	167.1300E	150	
Lugo	EXLU	Spain	43.0120N	7.5540W	466	
Lukban	LQP	Luzon,Philippines	14.1120N	121.5390E	1650	
Lumberton	LU-MS	Mississippi,U.S.A.	31.0389N	89.2389W	91	
Lumbreras	ALUM	Salta,Argentina	25.2376S	64.8794W	812	
Lunacharskoye	LNC	Uzbekistan	41.3333N	69.3500E	0	
Lund	LUN	Sweden	55.6983N	13.1867E	32	
Luning	LNG	Nevada,U.S.A.	38.6150N	118.2100W	0	
Lupin Mine	LUQP	Northwest Territories,Canada	65.7383N	111.2569W	505	
Luque	EXLUQ	Spain	37.5605N	4.2668W	703	From 1992-01-23
Luri	LURI	Corse,France	42.8988N	9.3958E	180	From 1989-11-01
Lusaka	LUS	Zambia	15.3837S	28.3312E	1259	From 1971-01-01 to 1999-08-25
Lusaka	LSZ	Zambia	15.2766S	28.1882E	1184	From 1984-01-01
Lussari	LSR	Italy	46.4758N	13.5278E	1750	From 1988-01-01
Lutao	TWH	Taiwan region	22.7103N	121.4773E	50	From 1974-09-17
Lutirano	LMD	Italy	44.0767N	11.7239E	450	
Luwuk	LUWI	Sulawesi	0.9390S	122.7930E	0	From 2008-01-01
Luxembourg	LUX	Luxembourg	49.6000N	6.1333E	0	
Luz	PLUZ	Azores	39.0164N	28.9773W	98	From 2005-08-01
L'vov	LVV	Ukraine	49.8190N	24.0310E	320	
Lwiro	LWI	Congo (Kinshasa)	2.2393S	28.8025E	1772	From 1953-01-01
Lyangar	LNA	Tajikistan	38.4000N	69.3500E	0	
Lyman	LYW	Washington,U.S.A.	48.5353N	122.1020W	107	From 1975-04-16
Lyman	M18A	Wyoming,U.S.A.	41.4272N	110.0674W	2103	From 2007-10-27
Lynden	LY-WA	Washington,U.S.A.	48.6475N	122.2028W	122	
Lynnwood City Hall ANSS-SMO	LYNC	Washington	47.8255N	122.2938W	19	From 2005-02-08
Lyon Mountain	LYMT	Montana,U.S.A.	46.9700N	112.2895W	2237	From 1996-08-31
Lyns Estate	DLE	Ireland	53.2872N	6.5436W	140	From 1980-04-25 to 1990-12-31
Lyns Farm	DLF	Ireland	53.2958N	6.5314W	96	From 1990-08-01
Lytham Saint Anne's	LLY	England,United Kingdom	53.7975N	2.9069W	33	From 1989-01-01
M12	M12	Hawaii,U.S.A.	19.3948N	155.3080W	1116	From 1972-12-01 to 1973-02-28
Ma@18dasht	IMHD	Iran	35.6853N	50.6675E	1645	From 1996-01-01
Ma'ale Noah	NOH	Israel	30.6890N	34.9620E	680	
Maars	MRS	Alaska,U.S.A.	57.8567N	156.4890W	131	From 1977-05-20
Maaselka	MSF	Finland	65.9113N	29.0402E	365	
Maasin	MSLP	Leyte,Philippines	10.1340N	124.8590E	50	
Macae	CAM1	Rio de Janeiro,Brazil	22.3978S	41.8338W	139	
Macagua	GMC	Venezuela	8.3000N	62.6833W	0	
Macas	MACE	Ecuador	2.2549S	78.1985W	1553	From 2006-01-22
Macdoel	M04C	California,U.S.A.	41.7826N	121.8393W	1391	From 2005-06-30 to 2007-10-23
Macedon	MACM	Victoria,Australia	37.4303S	144.6910E	576	
Machiques	MCHV	Venezuela	10.0460N	72.5800W	0	
Machtesh Katan	MKT	Israel	30.9480N	35.1520E	520	From 1983-01-01
Mackay	I14A	Idaho,U.S.A.	43.9286N	113.4518W	1897	From 2007-08-13
MacKay Lake North	MCKN	Northwest Territories,Canada	64.1980N	110.2132W	431	
Mackay Peak	MCPI	Idaho,U.S.A.	43.9003N	113.7040W	2902	From 1983-11-01
MacKenzie Ranch, Jordan Valley	K10A	Oregon,U.S.A.	42.7779N	116.8705W	1701	From 2006-12-16
Macquarie Island	MCQ	Macquarie Islands,Australia	54.4986S	158.9560E	14	From 1950-06-01
Macquarie Island	MQI	Macquarie Islands,Australia	54.5200S	158.9300E	250	
Mactan	MAP	Cebu,Philippines	10.3228N	123.9807E	137	From 1980-01-22

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Macugnaga	MCGN	Switzerland,Italy	45.9575N 7.9878E	1185	
Madang	MDG	Papua New Guinea	5.2501S 145.7800E	27	From 1974-12-01
Madang	MAD	Papua New Guinea	5.2333S 145.8000E		
Madeira	PMAR	Madeira Islands,Portugal	32.7237N 16.9137W	1605	
Madeleine	MADF	Aquitaine,France	43.1457N 0.8195W	535	
Madison	MDS	Wisconsin,U.S.A.	43.3722N 89.7600W	278	From 1962-01-16 to 1968-06-10
Madison Junction	MJW	Wyoming,U.S.A.	44.6483N 110.8590W	2111	From 1964-01-01 to 1999-08-25
Madison River	YMR	Wyoming,U.S.A.	44.6687N 110.9650W	2149	
Madoc	MADO	Ontario,Canada	44.4360N 77.4708W	138	
Madras	MDR	Tamil Nadu,India	13.0000N 80.1833E	15	
Madras	H05A	Oregon,U.S.A.	44.6473N 121.2271W	720	From 2005-12-09 to 2008-01-30
Madrid	MDD	Spain	40.4000N 3.6833W		
Madsous	MADS	Saudi Arabia	29.1080N 35.0730E	645	From 1993-09-01
Maebashi	MAE	Gumma,Japan	36.4017N 139.0650E	112	
Maebashi 2	MAEJ	Gumma,Japan	36.5377N 139.1795E	1665	From 1989-03-25
Mafra	PMAFR	Portugal	38.9554N 9.2827W	329	From 2006-07-31
Magadan	MA2	Magadanskaya Oblast',Russia	59.5753N 150.7680E	339	
Magadan	MAG	Magadanskaya Oblast',Russia	59.5540N 150.8050E	50	
Magadan 1	MGD	Magadanskaya Oblast',Russia	60.0460N 150.7300E	221	
Magadi	MAGK	Kenya	1.9182S 36.2873E	660	From 1994-02-01
Magalia	MGL	California,U.S.A.	39.8117N 121.5580W	1010	From 1966-06-01
Magasa	MAGA	Italy	45.7753N 10.6286E	1265	From 2006-06-21
Magazine Ridge	OKFG	Alaska,U.S.A.	53.4107N 167.9115W	201	
Magdalena	MAGD	Ecuador	0.0685S 79.7738W	340	
Magdalena	MAG1	Ecuador	0.0722S 79.7733W	316	From 2005-08-24
Magdalena	MMG	Guatemala	14.5380N 90.6815W	2190	From 1975-03-01
Magdalen Islands	MADG	Gulf of St. Lawrence	47.2748N 61.6892W	78	From 2005-10-01
Magek LS	MGLS	Alaska,U.S.A.	58.2107N 155.3260W		From 1996-08-01
Maghara	AMAG	Egypt	30.6430N 33.2083E	601	
Magodro	MGO	Fiji	17.7925S 177.7400E	726	From 1983-09-01
Magosa	MAGT	Cyprus	35.1000N 33.8700E	7	
Magruder Mountain	MGM	Nevada,U.S.A.	37.4411N 117.4961W	2148	
Maguayo	MGPB	Puerto Rico	18.0500N 67.0400W	60	
Maguayo	MGP	Puerto Rico	18.0076N 67.0891W	60	From 1975-11-14
Maguga Dam	MAGG	Swaziland	26.0739S 31.2668E	694	
Mag Wash	MWA	Utah,U.S.A.	38.4981N 112.8470W	1878	
Mahableshwar	MAH	Maharashtra,India	17.8900N 73.6500E	1382	
Mahe	SEY1	Seychelles	4.6150S 55.4908E	270	
Mahe Island	MSEY	Seychelles	4.6737S 55.4792E	475	
Mahia	MAHZ	North Island,New Zealand	39.1883S 177.8808E	336	From 1987-03-01 to 1999-08-25
Mahia Peninsula	MHGZ	North Island	39.1543S 177.9068E	302	From 2007-08-24
Mahoenui	MOZ	North Island,New Zealand	38.5058S 174.8030E	160	From 1990-04-26 to 2003-09-29
Mahon	MAHO	Baleaic Islands,Spain	39.8959N 4.2665E	25	
Mahukona	MHA	Hawaii,U.S.A.	20.1878N 155.9030W	5	From 1983-01-01
Maitri	MAIT	Dronning Maud Land,Antarctica	70.7760S 11.7360E	132	
Maizieres J'ville	MEZF	Champagne-Ardenne,France	48.5019N 5.0519E	245	
Maizuru	MZH	Kyoto,Japan	35.4483N 135.3200E	21	
Maizuru	MAI	Kyoto,Japan	35.4717N 135.3870E	31	
Maizuru 2	MZH2	Kyoto,Japan	35.4017N 135.3933E	170	From 1994-02-24
Majene	MJSI	Sulawesi	3.5503S 118.9803E	97	From 2005-01-01
Makanchi	MAKZ	Kazakhstan	46.8080N 81.9770E	570	From 1996-09-14
Makanchi Array Beam Reference Point	MKAR	Kazakhstan	46.7937N 82.2904E	615	
Makanchi Array site	MK04	Kazakhstan	46.7715N 82.2951E	589	From 2000-08-28
Makanchi Array site	MK32	Kazakhstan	46.7937N 82.2904E	609	From 2000-08-28
Makanchi Array site	MK31	Kazakhstan	46.7937N 82.2904E	609	From 2000-08-28
Makanchi Array site	MK09	Kazakhstan	46.7744N 82.2769E	579	From 2000-08-28
Makanchi Array site	MK08	Kazakhstan	46.7561N 82.2866E	607	From 2000-08-28
Makanchi Array site	MK07	Kazakhstan	46.7538N 82.3156E	627	From 2000-08-28
Makanchi Array site	MK06	Kazakhstan	46.7751N 82.3133E	637	From 2000-08-28
Makanchi Array site	MK05	Kazakhstan	46.7937N 82.2913E	615	From 2000-08-28
Makanchi Array site	MK03	Kazakhstan	46.7656N 82.3015E	630	From 2000-08-28
Makanchi Array site	MK02	Kazakhstan	46.7694N 82.3086E	639	From 2000-08-28
Makanchi Array site	MK01	Kazakhstan	46.7700N 82.3003E	609	From 2000-08-28
Makaopuhi	MKA	Hawaii,U.S.A.	19.3678N 155.1640W	881	From 1964-03-01 to 2002-10-16
Makara Radio	MFRW	North Island,New Zealand	41.2300S 174.7000E	235	From 1976-01-26
Makassar	MKS	Sulawesi,Indonesia	5.2178S 119.4700E	28	From 1970-06-01
Makatiti	MKRZ	North Island,New Zealand	38.1403S 176.4667E	300	
Makawir	MKRJ	Jordan	31.5522N 35.6408E	815	From 1983-09-01
Makeyevka	MKY	Ukraine	48.0333N 37.9833E		
Makhachkala	MAK	Dagestan,Russia	42.9610N 47.5050E	42	
Makhata	MAX	Georgia	41.7117N 44.8225E	575	From 2003-01-01
Maki	MAKK	Kumamoto,Japan	32.9173N 130.9279E	440	
Makna	MKNA	Saudi Arabia	28.4380N 34.8750E	650	From 1993-07-01
Makrakomi, Fthiotida	MAKR	Greece	39.0132N 22.1317E	532	From 2008-06-18
Maku	MAKU	Iran	39.3548N 44.6833E	1730	From 2004-04-03
Makukawa	MAKT	Fukushima,Japan	37.6792N 140.2494E	1240	
Makushin Cirque	MCCR	Alaska,U.S.A.	53.9513N 166.8918W	800	From 1996-08-01
Makushin Gods Own Repeater Site	MGOD	Alaska,U.S.A.	53.7947N 166.8725W	695	From 1996-08-01
Makushin Julie Andrews	MJOM	Alaska,U.S.A.	53.8165N 166.9490W	50	From 1996-08-01
Makushin Nateekin	MNAT	Alaska,U.S.A.	53.8838N 166.6833W	390	From 1996-08-01
Makushin Switchbacks	MSW	Alaska,U.S.A.	53.9147N 166.7827W	418	From 1996-08-01
Makushin Table Top	MTBL	Alaska,U.S.A.	53.9693N 166.6785W	865	From 1996-08-01
Malabar	MLB	Jawa,Indonesia	7.2167S 107.6170E	1550	From 1911-01-01 to 1945-12-31
Malad City	L15A	Idaho,U.S.A.	42.0041N 112.3860W	1645	From 2007-07-13
Malad Range	MLI	Idaho,U.S.A.	42.0268N 112.1260W	1896	From 1974-10-01
Mala Drenova	MDRV	Serbia,Serbia and Montenegro	43.6915N 21.0919E	0	
Malaga	MAL	Spain	36.7275N 4.4111W	60	From 1915-01-01
Malaga	EXMA	Spain	36.7260N 4.3930W	83	
Malaga-Limonero	EMAL	Spain	36.7620N 4.4292W	80	From 1993-05-20
Malaga, Loving	226A	New Mexico,U.S.A.	32.0618N 104.1014W	929	From 2008-03-22
Malagash, Nova Scotia	MALG	Nova Scotia	45.7903N 63.3271W	22	From 2005-10-15
Malaho	MAOD	Djibouti	12.0944N 42.2253E	329	From 2004-01-01
Malaspina Glacier	MLA	Alaska,U.S.A.	59.7633N 140.1500W	46	
Malaspina Glacier	MLP	Alaska,U.S.A.	59.7633N 140.1500W	46	
Malataya	MYA	Turkey	38.3261N 38.4253E	1050	
Malatya	MALT	Turkey	38.3134N 38.4273E	1120	
Malatya	MLTT	Turkey	38.3542N 38.3617E	1170	From 1992-10-01 to 2002-04-25
Malaya Ipel'ka	MIPR	Kamchatskaya Oblast',Russia	52.2761N 156.7581E	370	
Malden	MLDM	Missouri,U.S.A.	36.6250N 89.9195W	84	
Malden	MLD	Missouri,U.S.A.	36.5587N 89.9698W		From 1967-11-01 to 1969-11-30
Malga Bissina	MABI	Italy	46.0549N 10.5140E	1853	From 2003-12-17
Malibu	MABC	British Columbia,Canada	50.1647N 123.8560W	75	From 1991-03-20
Malin Array Beam Reference Point	AKASG	Ukraine	50.7012N 29.2242E	160	
Malin Array Site 01	AK01	Ukraine	50.6911N 29.2131E	160	
Malin Array Site 02	AK02	Ukraine	50.6573N 29.2057E	170	
Malin Array Site 03	AK03	Ukraine	50.7263N 29.2217E	160	
Malin Array Site 04	AK04	Ukraine	50.7226N 29.1660E	160	
Malin Array Site 05	AK05	Ukraine	50.6197N 29.2036E	180	
Malin Array Site 06	AK06	Ukraine	50.5858N 29.1985E	190	
Malin Array Site 07	AK07	Ukraine	50.5507N 29.2044E	170	
Malin Array Site 08	AK08	Ukraine	50.6338N 29.2548E	122	
Malin Array Site 09	AK09	Ukraine	50.6151N 29.2846E	180	
Malin Array Site 10	AK10	Ukraine	50.5990N 29.2513E	180	
Malin Array Site 11	AK11	Ukraine	50.6784N 29.1677E	160	
Malin Array Site 12	AK12	Ukraine	50.6437N 29.1549E	180	
Malin Array Site 13	AK13	Ukraine	50.6123N 29.0606E	180	
Malin Array Site 14	AK14	Ukraine	50.6306N 29.1076E	180	
Malin Array Site 15	AK15	Ukraine	50.6951N 29.1240E	170	
Malin Array Site 16	AK16	Ukraine	50.6700N 29.1058E	170	
Malin Array Site 17	AK17	Ukraine	50.6851N 29.0574E	170	
Malin Array Site 18	AK18	Ukraine	50.7221N 29.0676E	170	
Malin Array Site 19	AK19	Ukraine	50.7222N 29.0116E	180	
Malin Array Site 20	AK20	Ukraine	50.7430N 29.0100E	170	
Malin Array Site 21	AK21	Ukraine	50.7764N 29.0419E	160	
Malin Array Site 22	AK22	Ukraine	50.7608N 29.0712E	160	
Malin Array Site 23	AK23	Ukraine	50.7625N 29.1254E	160	
Malin Array Site BB	AKBB	Ukraine	50.7012N 29.2242E	160	
Malindi	MALM	Malawi	14.3500S 35.3170E	496	
Malini	MII	Romania	47.4558N 26.0747E	400	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Mallorca	ETOS	Balearic Islands,Spain	39.7678N 2.8144E	480	
Malnas	MSR	Romania	46.0381N 24.8214E	640	
Malnisio	MLNI	Italy	46.1500N 12.6100E	814	From 1982-09-01
Malo-Kuril'sk	MLK*	Sakhalinskaya Oblast',Russia	43.8667N 146.8170E		
Malo Peshtene	MPEP	Bulgaria	43.3560N 23.7401E	339	From 2007-05-10
Malpasso	EMLP	Sicily,Italy	37.6842N 15.1778E	115	From 1994-10-01
Malta	L14A	Idaho,U.S.A.	42.0343N 113.2398W	1528	From 2007-07-17
Malta	MLT	Malta	35.9000N 14.4800E	18	From 1982-07-01
Malvaux	MLV	Bourgogne,France	47.2655N 3.0387E		
Malvern	MCJ	Jamaica	17.9250N 77.6870W	755	From 1977-02-20
Mambajao	MAM	Mindanao,Philippines	9.2500N 125.6000E		From 1917-01-01 to 1935-12-31
Mammari	MAMC	Cyprus	35.1710N 33.2180E	240	
Mammoth Hot Springs	MHS	Wyoming,U.S.A.	44.9770N 110.6850W		From 1964-01-01 to 1974-10-31
Mammoth Lakes Airport	MLAC	California,U.S.A.	37.6301N 118.8361W	2134	
Mammoth Pass	MMPM	California,U.S.A.	37.6100N 119.0280W	2870	From 1983-08-26
Mammoth Vault	YMV	Wyoming,U.S.A.	44.9737N 110.6888W	1829	
Mamou	MAMG	Guinea	10.2645N 11.9650W	773	From 1991-07-01
Mamousia	MAMO	Greece	38.1520N 22.1443E	650	From 2001-12-10
Manaccan	CMA1	England,United Kingdom	50.0821N 5.1274W	42	From 1993-01-01
Manadas	PMAN	Azores,Portugal	38.6327N 28.0890W	180	
Manado	MNI	Sulawesi,Indonesia	1.4439N 124.8399E	191	From 1972-01-01
Managua	MGAN	Nicaragua	12.1468N 86.2472W	80	
Manakhah	MNKH	Yemen	15.0652N 43.7500E	0	
Manam	AMAN	Egypt	23.9333N 32.9340E		
Manamana	MANV	Venezuela	9.7992N 70.7962W		
Manantiales	MAA	Mendoza,Argentina	32.0839S 69.8500W		
Manas	MNSR	Dagestan,Russia	42.7028N 47.7194E	-20	
Manas	MNAS	Kyrgyzstan	42.4870N 72.5040E	1515	
Manawahe	MARZ	North Island,New Zealand	37.9867S 176.6744E	480	From 1992-06-15
Manchester	MNWA	Washington	47.5650N 122.5341W	1554	From 2002-11-01
Manchester	MX-TN	Tennessee,U.S.A.	35.5503N 86.2700W	305	From 1962-11-14 to 1962-12-12
Manchester	MX-	Tennessee,U.S.A.	35.5503N 86.2700W	305	From 1962-11-14 to 1962-12-12
Mandailing Natal	MNSI	Sumatera	0.7955N 99.5796E	0	From 2007-12-01
Mandalay	MND	Myanmar	22.0157N 96.1148E	93	From 1966-10-01 to 1999-08-25
Mandiavato	MDSM	Madagascar	19.0852S 47.0306E	1511	
Mandileni	MDL	Cape Province,South Africa	30.7100S 28.8000E	1320	From 1988-01-01 to 1999-12-31
Mangahao	MNG	North Island,New Zealand	40.6186S 175.4820E	396	From 1965-11-01 to 2003-08-15
Mangahewa	MHEZ	North Island	39.0778S 174.3229E	194	From 2008-03-04
Mangalore	MNGI	Karnataka,India	12.9417N 74.8227E		
Mangatainoka River	MRZ	North Island,New Zealand	40.6625S 175.5792E	320	From 1992-06-01
Mangateitei	MTVZ	North Island,New Zealand	39.3864S 175.4703E	815	From 2005-03-16
Mangla	MNL	Pakistan	33.1472N 73.7500E	436	
Mangrove Creek Dam	MGCD	New South Wales,Australia	33.2096S 151.1092E	219	
Manhattan	AMNH	New York,U.S.A.	40.7808N 73.9738W		
Manhattan	MHK	Kansas,U.S.A.	39.1874N 96.5792W	318	From 1974-11-19 to 2001-07-15
Manhattan	MHT	Kansas,U.S.A.	39.1997N 96.5806W	339	
Manica	MANI	Mozambique	18.9482S 32.8843E	1300	
Manicaragua	MGV	Cuba	22.1100N 79.9800W		
Manicouagan	MNQ	Quebec,Canada	50.5333N 68.7744W	564	From 1974-11-27
Manihiki	MNHK	Cook Islands	10.4150S 161.0330W	1	
Manila	MAN	Luzon,Philippines	14.6600N 121.0780E	70	From 1949-01-01
Manila South	MSAR	Arkansas,U.S.A.	35.7842N 90.1469W	69	
Manipur University	MUM	Manipur,India	24.7498N 93.9242E	784	
Manisa	MANT	Turkey	38.4908N 28.5578E	2008	From 2002-12-12
Maniwaki	MIQ	Quebec,Canada	46.3667N 75.9667W	199	From 1974-02-27 to 1981-04-30
Manley	MLY	Alaska,U.S.A.	65.0308N 150.7390W	804	From 1990-09-25
Manna	MNAI	Sumatera	4.4500S 102.9170E	0	From 2006-07-27
Mann Creek Ranch, Princeton	K08A	Oregon,U.S.A.	42.7308N 118.4864W	1391	From 2006-06-29 to 2008-04-08
Manof	MNFI	Israel	32.8510N 35.2360E	350	
Mansa	MZZ	Zambia	11.1422S 28.8760E	1256	From 1984-01-01
Manso	MSB	Mato Grosso,Brazil	14.8864S 55.8172W	360	
Manteigas	MTE	Portugal	40.3997N 7.5442W	815	From 1974-12-10
Manton Dam	MTN	Northern Territory,Australia	12.8436S 131.1327E	137	From 1972-06-01
Manual Prospect Mine,Trona	MPMC	California	36.0600N 117.4900W	1839	From 2004-04-01
Manysh	MNYS	Turkmenistan	37.7720N 58.6080E	680	
Manzanillo	MNZ	Colima,Mexico	19.0542N 104.3306W	60	
Manzanita Entrance	LMEM	California,U.S.A.	40.5378N 121.5700W	1753	From 1988-11-04
Manzanita Lake	LMZM	California,U.S.A.	40.5443N 121.5640W	329	From 1976-11-12
Manzanita Lake	MLC	California,U.S.A.	40.5367N 121.5620W	1800	From 1956-06-01
Manzenberg	MANZ	Bayern,Germany	49.9822N 12.1083E	638	From 1996-07-31
Mapaga	MPSI	Sulawesi	0.3374N 119.8980E	0	From 2007-12-01
Maple Bay	SHDB	British Columbia,Canada	48.7970N 123.6360W	55	From 2003-02-28
Maple Canyon	MPU	Utah,U.S.A.	40.0155N 111.6333W	1909	
Maple Creek	YMC	Wyoming,U.S.A.	44.7593N 111.0060W	2073	From 1974-10-01
Maple Falls	A05A	Washington,U.S.A.	48.9983N 122.0852W	174	From 2005-11-29
Mapleton	I02A	Oregon,U.S.A.	44.0035N 123.8299W	170	From 2005-11-17 to 2008-01-22
Maple valley SMO-IDS24	MPL	Washington	47.4684N 122.1858W	122	From 1997-01-01
Maputo	LMM	Mozambique	25.9686S 32.5942E	55	
Maracay	MARA	Venezuela	10.3239N 67.6069W	1200	From 1984-01-01 to 1999-08-25
Marand	IMRD	Iran	38.7133N 45.7033E	2150	From 1995-08-01
Marapu	PGMAR	New Britain,Papua New Guinea	5.5830S 150.7675E	110	
Marathon	MTX	Texas,U.S.A.	30.3079N 103.2542W	1363	
Maraveh tapeh	MRVT	Iran	37.6593N 56.0893E	870	From 2006-03-18
Marayes	AMAR	San Juan,Argentina	31.4555S 67.3277W	659	
Marble Bar	MBL	Western Australia,Australia	21.1600S 119.8330E	200	From 1976-06-23 to 2006-05-29
Marble Bar	MBT	Western Australia,Australia	21.1700S 119.7420E	200	From 1972-10-01 to 1976-06-23
Marble Bar	MBWA	Western Australia,Australia	21.1590S 119.7312E	194	
Marble Canyon	MCA	California,U.S.A.	36.6466N 117.2805W	303	From 1979-01-23
Marblemount	B06A	Washington,U.S.A.	48.5183N 121.4845W	75	From 2006-09-17
Marconi Conference Center, Marshall	MCCM	California,U.S.A.	38.1448N 122.8802W	-7	
Marcus Island	MCS	Marcus Island,Japan	24.2900N 153.9880E		From 1966-01-01 to 1970-12-31
Mardin	MARD	Turkey	37.3139N 40.7789E	1290	From 2005-06-24
Mareth	MART	Tunisia	33.5768N 10.2495E	140	
Marewa	MRH	North Island,New Zealand	39.4992S 176.8880E	4	From 1987-03-19 to 1989-07-31
Margaret Lake	MGTN	Northwest Territories,Canada	63.6856N 109.5911W	411	
Marguerite Bay	ANC	Antarctic Peninsula,Antarctica	68.1944S 67.0000W	7	
Mariazell	MZA	Austria	47.7703N 15.3283E	990	
Ma'rib	MARB	Yemen	15.4640N 43.9920E	1120	From 1994-11-01
Maricao	MRCP	Puerto Rico	18.1770N 67.0310W	330	
Maricopa	MARC	California,U.S.A.	35.0025N 119.3390W	436	
Marie-Galante	MGG	Guadeloupe	15.9180N 61.3168W	51	
Mariestad	MRE	Sweden	58.6170N 13.7460E		From 1980-01-01 to 1991-12-31
Marin Headlands	MHDL	California,U.S.A.	37.8421N 122.4940W	0	
Marino	MA9	Italy	41.7702N 12.6593E	340	From 2000-05-11
Marion BPA Site DOGAMI SMO	MRIN	Oregon	44.8002N 122.6995W	187	From 2002-03-19
Marion Island	MIO	Prince Edward Islands	46.9583S 37.9000E	10	
Mariponipon	MRPI	Sumatera,Indonesia	1.6125N 99.3172E	1100	
Marisa	MRSI	Sulawesi	0.4771N 121.9406E	0	From 2007-12-01
Markates	VMA	Greece	38.7058N 23.5876E	468	From 1983-01-01
Marked Tree	MK-	Arkansas,U.S.A.	35.5589N 90.2653W	61	
Marked Tree	MK-AR	Arkansas,U.S.A.	35.5589N 90.2653W	61	
Market Rasen	LMK	England,United Kingdom	53.4569N 0.3266W	130	From 1991-01-01
Mark West Springs	MAC	California,U.S.A.	38.5505N 122.7230W	134	From 1970-08-14
Mark W Springs	NMWM	California,U.S.A.	38.5505N 122.7230W	134	From 1970-08-14
Mariboro	MARL	Vermont,U.S.A.	42.7990N 72.8378W	580	From 1977-08-08 to 1983-02-25
Mario Lake	MLON	Northwest Territories,Canada	63.9696N 109.8953W	418	
Marmara Adasi	MRMT	Turkey	40.6032N 27.5957E	800	
Marmelete	MORF	Portugal	37.3063N 8.6508W	650	
Marmol	MRL	Guatemala	15.0658N 89.6912W	1460	From 1979-10-01
Maron	MAJ	Jawa,Indonesia	7.5667S 110.4170E		
Marquesado	RTMQ	San Juan,Argentina	31.5057S 68.6667W	798	
Marquette Ranch, East Glacier	B14A	Montana,U.S.A.	48.3609N 113.2729W	1529	From 2007-09-14
Marrei Ranch, Paradise Valley	M09A	Nevada,U.S.A.	41.4230N 117.4497W	1355	From 2006-04-26 to 2008-04-01
Marsad	MRSJ	Jordan	29.6850N 35.3219E	810	From 1990-03-15
Marsa Matruh	MMT	Egypt	31.3800N 27.2750E		From 1975-01-01 to 1980-12-31
Marseilles	MAR	Provence-Cote d'Azur,France	43.3053N 5.3939E	75	
Marsico Vetere	MARE	Italy	40.3932N 15.8113E	1030	
Marston	MARMO	Missouri,U.S.A.	36.5300N 89.6690W	82	
Martakert	MTKZ	Armenia	40.2000N 46.8200E	480	From 1998-01-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Martimbang	MARI	Sumatera, Indonesia	1.9603N	98.9681E	1680	
Martinez Indian Reservation	MIRC	California, U.S.A.	33.4162N	116.0810W	91	
Martinsdale	E17A	Montana, U.S.A.	46.4620N	110.8576W	1835	From 2007-09-13
Martis Peak	MPK	California, U.S.A.	39.2957N	120.0300W	2484	From 1973-04-01
Martuni	MTNZ	Armenia	39.7970N	47.1140E	400	From 1998-01-01
Martvili	MARV	Georgia	42.4100N	42.3800E	190	
Marumori	JMM	Miyagi, Japan	37.8660N	140.7930E	100	
Maruseppu	JMP	Abashiri, Japan	44.0070N	143.3597E	460	
Mary??o	PMRV	Portugal	39.4283N	7.3917W	430	From 2007-07-01
Mary	MRY	Turkmenistan	37.6000N	61.8667E		
Mary Lake	YPML	Wyoming, U.S.A.	44.6028N	110.6063W	2519	
Mary Lake	YML	Wyoming, U.S.A.	44.6053N	110.6432W	2653	
Maryland-Naval Ordnance Lab	NLM	Maryland, U.S.A.	39.0324N	76.9805W	114	From 1962-01-01 to 1972-12-31
Mary Lane Ranch, Marfa	526A	Texas, U.S.A.	30.0609N	104.0898W	1405	From 2008-03-05
Mary's Peak	MPOR	Oregon, U.S.A.	44.5048N	123.5500W	1249	From 1990-08-01
Marysvale	MSU	Utah, U.S.A.	38.5123N	112.1772W	2105	From 1975-11-01
Marysvale	MVU	Utah, U.S.A.	38.5037N	112.2123W	2239	
Marysville	MV-	California, U.S.A.	39.2131N	121.2931W	183	From 1961-10-22 to 1966-03-12
Marysville	MV-CL	California, U.S.A.	39.2131N	121.2931W	183	From 1961-10-22 to 1966-03-12
Maryville	MVLT	Tennessee, U.S.A.	35.7340N	83.9420W		From 1984-01-29
Maryville College	MVMO	Missouri, U.S.A.	38.6465N	90.5009W	183	
Masachapa	MCH	Nicaragua	11.8747N	86.5287W	147	From 1975-01-01
Masada	MSDA	Israel	31.3200N	35.2900E	400	
Masada	MZDA	Israel	31.3096N	35.3628E	-275	From 1991-05-01
Masamba	MSSI	Sulawesi	2.5547S	120.3241E	111	From 2005-01-01
Masan	KSMAS	South Korea	35.1706N	128.5725E	78	From 2000-12-05
Masaya	MASN	Nicaragua	11.9873N	86.1513W	500	
Masbate	MMPH	Luzon, Philippines	12.3580N	123.6240E	11	
Masc	MASC	Cuba	20.1750N	74.2310W		
Mas de Barberans	CMAS	Spain	40.7267N	0.3150E	530	From 2006-04-01
Mash'abbe Sade	MASH	Israel	30.9960N	34.7850E	365	
Mashhad	MHI	Iran	36.3083N	59.4717E	1150	From 1975-09-15
Mashhad	MSH	Iran	36.3111N	59.5878E	987	From 1965-09-17 to 1975-09-06
Mashhad (SRO)	MAIO	Iran	36.3083N	59.4717E	1150	From 1975-10-01
Mashhad University	MUI	Iran	36.3117N	59.6050E	1000	From 1972-01-01
Masjed Soleyman	MSHA	Iran	31.9000N	49.3000E		
Maskali	MKL	Djibouti	11.7123N	43.1498E	5	
Masohi	MSAI	Seram	3.3461S	128.9285E	82	From 2005-01-01
Mason Butte	MAS	Idaho, U.S.A.	46.6327N	116.3580W	1141	From 1971-10-01 to 1976-01-14
Massena	MSNY	New York, U.S.A.	44.9983N	74.8620W	55	From 1977-02-01
Masseria Cannata	ECAN	Sicily, Italy	37.8880N	14.9100E	1140	From 1994-10-01
Masset	MASB	British Columbia, Canada	54.0150N	132.0230W	15	
Masset	MSTB	British Columbia, Canada	54.0033N	132.1180W	91	From 1987-12-04
Masuda	JMD	Shimane, Japan	34.6317N	131.8933E	260	
Masugnsbyn	MASU	Sweden	67.4569N	21.9983E	500	From 2003-11-19
Masuku	MSKU	Gabon	1.6557S	13.6116E	287	
Matagami	MATQ	Quebec, Canada	49.7589N	77.6376W	280	From 2007-09-19
Matakaoa Point	MXZ	North Island, New Zealand	37.5638S	178.3063E	126	From 2004-03-01
Matam	MMS	Senegal	15.6167N	13.3333W	50	
Mataram	MTNI	Lombok	8.6360S	116.1707E	108	From 2005-01-01
Matau	MTUR	Romania	45.2261N	25.0630E	1018	From 1988-08-01
Matawai	MWZ	North Island, New Zealand	38.3357S	177.5275E	600	From 2004-02-29
Matera	MATE	Italy	40.6493N	16.7047E	0	From 2007-04-24
Mathat	MATF	Poitou-Charentes, France	45.8308N	0.2883W	30	
Matj	MATI	Luzon, Philippines	6.9460N	126.2570E	120	
Matias Romero	CMIG	Oaxaca, Mexico	17.0910N	94.8840W	200	
Matirih	MATL	Lebanon	33.4887N	35.3297E	5	
Matka	MYG	Former Yugoslav Rep. of Macedonia	41.9567N	21.3008E	306	From 1969-01-01
Matopo	MATP	Zimbabwe	20.4258S	28.4994E	1215	
Matouba	MBG	Guadeloupe	16.0481N	61.6839W	830	
Matruh	HMAT	Egypt	31.0940N	27.0964E	239	
Matruh	MATJ	Egypt	31.3450N	27.2340E	55	
Matsushiro Site	MJ00	Nagano, Japan	36.5427N	138.2070E	406	
Matsu	MTST	Taiwan region	26.0900N	119.5600E	113	
Ma-tsu	MATB	Taiwan region	26.1515N	119.9456E	75	
Matsu Arr-Jizo	MJA0	Nagano, Japan	36.5427N	138.2472E	629	
Matsu-Daira	MJB3	Nagano, Japan	36.4847N	138.2944E	848	
Matsue	MTS	Shimane, Japan	35.4550N	133.0720E	18	
Matsu-Inaba	MJB8	Nagano, Japan	36.5214N	138.2099E	729	
Matsu-Irikauiz	MJB6	Nagano, Japan	36.4712N	138.2507E	762	
Matsu-Jizotouge	MJA4	Nagano, Japan	36.5115N	138.2422E	997	
Matsula	MTSE	Estonia	58.7144N	23.8146E	3	From 2006-08-07
Matsumoto	MTMJ	Nagano, Japan	36.5850N	137.8050E	929	From 1978-01-01
Matsumoto	MTM	Nagano, Japan	36.2433N	137.9730E	610	
Matsumotoyama	MATH	Iburi, Japan	42.5489N	140.8683E	120	
Matsu-Nakagumi	MJB4	Nagano, Japan	36.4677N	138.2816E	736	
Matsu-Nakaone	MJA2	Nagano, Japan	36.5241N	138.2656E	1126	
Matsushiro	MAT	Nagano, Japan	36.5427N	138.2070E	406	From 1947-05-01
Matsushiro	MAJO	Nagano, Japan	36.5427N	138.2070E	405	From 1977-06-30
Matsushiro Array Beam Reference Point	MJAR	Nagano, Japan	36.5417N	138.2090E	422	
Matsushiro Array Site 0	MAT0	Nagano, Japan	36.5417N	138.2067E	407	
Matsushiro Array Site 1	MJ01	Nagano, Japan	36.5599N	138.2419E	598	
Matsushiro Array Site 2	MJ02	Nagano, Japan	36.5393N	138.3193E	1230	
Matsushiro Array Site 4	MJ03	Nagano, Japan	36.4816N	138.2976E	837	
Matsushiro Array Site 4	MJ04	Nagano, Japan	36.4681N	138.2538E	760	
Matsushiro Array Site 5	MJ05	Nagano, Japan	36.4867N	138.2139E	960	
Matsushiro Array Site 6	MJ06	Nagano, Japan	36.5216N	138.2503E	616	
Matsu-Soehiyama	MJA3	Nagano, Japan	36.4956N	138.2467E	886	
Matsu-Sugadaira	MJB2	Nagano, Japan	36.5423N	138.3160E	1255	
Matsu-Takimoto	MJB1	Nagano, Japan	36.5630N	138.2387E	611	
Matsu-Toyosaka	MJA1	Nagano, Japan	36.5338N	138.2523E	630	
Matsu-Tunnel	MJB9	Nagano, Japan	36.5458N	138.2039E	454	
Matsu-Wadaira	MJB7	Nagano, Japan	36.4898N	138.2108E	997	
Matsuyama	MTY	Ehime, Japan	33.8400N	132.7800E	34	
Matsu-Yatsubo	MJB5	Nagano, Japan	36.4824N	138.2575E	803	
Mattawa	MW-ON	Ontario, Canada	46.2753N	78.5717W	244	From 1962-10-11 to 1962-10-27
Mattawa	MW-	Ontario, Canada	46.2753N	78.5717W	244	From 1962-10-11 to 1962-10-27
Matthews	MATM	Missouri, U.S.A.	36.7743N	89.6046W	86	
Mattmark	MMK	Switzerland	46.0517N	7.9650E	2200	From 1981-01-01
Matua	MAU	Sakhalinskaya Oblast', Russia	48.0600N	153.2500E	20	
Matupit	MIP	New Britain, Papua New Guinea	4.2433S	152.1900E	2	
Matupit Island	MPT	New Britain, Papua New Guinea	4.2437S	152.1900E	2	
Matura	TTR	Trinidad and Tobago	10.6740N	61.0660W	46	From 1984-07-01
Maui	MAUI	Hawaii, U.S.A.	20.7684N	156.2448W	2060	
Maumere	MMRI	Flores	8.6357S	122.2376E	137	From 2005-01-01
Mauna Kea	MKH	Hawaii, U.S.A.	19.8267N	155.4720W		From 1975-01-01 to 1999-08-25
Mauna Loa	MLH	Hawaii, U.S.A.	19.4967N	155.3880W	2010	From 1958-07-01
Mauna Loa 2	MLX	Hawaii, U.S.A.	19.4600N	155.3450W	1475	From 1966-09-21
Maungaku	MGZ	North Island, New Zealand	39.0019S	175.5390E	806	From 1984-04-11
Maupin	VMNM	Oregon, U.S.A.	45.1868N	121.0530W	555	
Maura Dua	MDSI	Sumatera	4.4861S	104.1783E	0	From 2007-12-01
Mauritius Island	MRI	Mauritius	20.1000S	57.5300E		
Mavora Lakes	MLZ	South Island, New Zealand	45.3481S	168.1728E	640	From 1996-03-01
Mawashi	MWS	Ryukyu Islands, Japan	26.2333N	127.6830E	25	
Mawson	MAW	Mac Robertson Land, Antarctica	67.6039S	62.8706E	12	From 1956-01-01
Maxey Ranch	PMRM	California, U.S.A.	35.7848N	120.2360W	512	
Maximikha	MXMB	Buryatiya, Russia	53.2630N	108.7450E	510	From 1997-10-01
Mayacamas Mountains	GMMM	California, U.S.A.	38.8382N	122.7988W	963	
Mayadein	HMYD	Egypt	29.7958N	30.8009E	279	
Mayaguez	MPR	Puerto Rico	18.2130N	67.1390W	25	From 1973-01-01
Maychil	PT20	Peru	6.5190S	79.1860W	1180	
Mayfield	MAY	Washington, U.S.A.	46.0833N	122.0830W		
May Junction 2	MJ2	Washington, U.S.A.	46.5575N	119.3590W	146	From 1989-03-13
Maynard	MAYB	British Columbia, Canada	50.4025N	127.1720W	1414	From 1994-09-02
Mayon Resthouse	VMR	Luzon, Philippines	13.2800N	123.6710E	800	
Mayor Island	MYRZ	North Island, New Zealand	37.2819S	176.2407E	356	From 2004-05-21
Maysville	MVKY	Ohio, U.S.A.	38.6460N	83.7614W	213	
Mazaricos	EMAZ	Spain	42.9490N	8.9765W	405	
Mazatlan	MAIG	Sinaloa, Mexico	23.1883N	106.4244W	10	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Mazatlan	MAZ	Sinaloa,Mexico	23.1881N 106.4061W	65	
Mazatlan	MXZ	Sinaloa,Mexico	23.2008N 106.4253W	10	
Maze	MZE	Gifu,Japan	35.8911N 137.1553E	590	
Mazie Landing	MZO	Oklahoma,U.S.A.	36.1316N 95.3001W	182	From 1976-09-16 to 1978-06-16
Mazirat	MZF	Auvergne,France	46.2156N 2.5839E	480	From 1971-01-01 to 1985-07-10
Mazirat	MAF	Auvergne,France	46.2215N 2.5664E	470	From 1985-07-10
Mazon	MSON	Ecuador	1.4845S 78.4678W	3380	From 1992-12-10
Mazracia	MAZR	Egypt	27.9292N 33.9948E		
Mbarara	MBAR	Uganda	0.6019S 30.7382E	1390	
Mbeya	MBAT	Tanzania	8.8740S 33.4528E	1780	From 1992-06-12
M'Bour	MBO	Senegal	14.3908N 16.9547W	3	
McAlpine Lake	MALO	Ontario,Canada	50.0244N 79.7635W	271	
McCloud	M03C	California,U.S.A.	41.2742N 122.1220W	1047	From 2005-07-12 to 2007-11-13
McCloud Flat S	MFSM	California,U.S.A.	36.1172N 117.8550W	1524	From 1975-09-25
McCloud Flat South	MFS	California,U.S.A.	36.1172N 117.8550W	1524	From 1975-09-25
McClure	MCIL	North America	37.2965N 89.4984W	115	
McComb	MB-MS	Mississippi,U.S.A.	31.3428N 90.2864W	122	From 1966-11-15 to 1966-12-06
McComb	MB-	Mississippi,U.S.A.	31.3428N 90.2864W	122	From 1966-11-15 to 1966-12-06
McCrory	MY-	Arkansas,U.S.A.	35.3511N 91.0797W	61	From 1962-07-16 to 1962-08-03
McCrory	MY-AR	Arkansas,U.S.A.	35.3511N 91.0797W	61	From 1962-07-16 to 1962-08-03
McDonald Obs.	MOT3	Texas,U.S.A.	30.5419N 104.6580W	1481	
McDonald Obs.	MOT2	Texas,U.S.A.	30.8990N 105.0800W	2088	
McDonald Obs.	MOT1	Texas,U.S.A.	30.9290N 104.3910W	1715	
McDonald Obs.	MOT4	Texas,U.S.A.	30.2730N 104.5700W	1469	
McDonald Observatory	MOT	Texas,U.S.A.	30.6797N 104.0080W	2020	From 1975-08-01
McDonald Observatory, Fort Davis	426A	Texas,U.S.A.	30.6689N 104.0293W	1943	From 2008-03-12
McGee Creek	MGCB	British Columbia,Canada	48.6317N 123.6808W	236	
McGill	P12A	Nevada,U.S.A.	39.4731N 114.9075W	1878	From 2006-05-30
McKendrick Lake	KLN	New Brunswick,Canada	46.8433N 66.3717W	411	
McKenzie Canyon	MCMT	Montana,U.S.A.	44.8277N 112.8490W	2323	From 1989-09-14
McKinley	MCK	Alaska,U.S.A.	63.7323N 148.9349W	618	From 1964-12-01
McLaughlin Mine	HOME	California,U.S.A.	38.8800N 122.4600W	0	
McLaughlin Natural Reserve	MNRC	California,U.S.A.	38.8787N 122.4428W	709	
McLaughlin Ranch	GMCM	California,U.S.A.	38.7927N 123.1300W	439	From 1975-05-07
McMillan Canyon	PMCM	California,U.S.A.	35.7247N 120.3710W	488	
McMinnville	MM-	Tennessee,U.S.A.	35.5644N 85.5889W	381	From 1961-12-17 to 1963-04-01
McMinnville	MM-TN	Tennessee,U.S.A.	35.5644N 85.5889W	381	From 1961-12-17 to 1963-04-01
McMurdo Sound	MCM	Victoria Land,Antarctica	77.8333S 166.6000E	25	
McNeil Island	MEW	Washington,U.S.A.	47.2019N 122.6460W	98	From 1985-03-01
McNeill Hill	MCHZ	North Island	39.4443S 176.6967E	349	From 2008-05-27
McNeil River	MCNL	Alaska,U.S.A.	59.1852N 154.3370W	442	From 1981-08-22
McNeil River	MCL	Alaska,U.S.A.	59.1027N 154.2000W	273	From 1975-01-01 to 1981-08-16
McPhails Peak	BMCM	California,U.S.A.	36.6567N 121.3650W	1022	From 1975-01-26
McQueen's Valley	MQZ	South Island,New Zealand	43.7078S 172.6520E	60	From 1990-03-01
Meadow Creek Golf Course	MGU	Utah,U.S.A.	40.6815N 111.9180W	1291	From 1993-06-24
Meangora	MEG	New South Wales,Australia	35.1006S 150.0370E	712	From 1978-05-17 to 2007-08-29
Meany Middle School ANSS-SMO	MEAN	Washington	47.6225N 122.3064W	37	From 2002-02-19
Mecca Hills	MECC	California,U.S.A.	33.6353N 116.0280W	495	
Mechernich	MEC	Nordrhein-Westfalen,Germany	50.6000N 6.6667E		
Meda	MEDT	Tunisia	34.1082N 9.9203E	90	
Medan	MED	Sumatera,Indonesia	3.5500N 98.6833E	32	
Medea	AMDA	Algeria	36.2600N 2.7100E	1059	
Medea	MEB	Algeria	36.3030N 2.7300E	500	
Medellin	MEDC	Colombia	6.2028N 75.5808W	1518	
Medford	MF-WS	Wisconsin,U.S.A.	45.3475N 90.5897W	412	From 1962-12-22 to 1963-04-01
Medford	MF-	Wisconsin,U.S.A.	45.3475N 90.5897W	412	From 1962-12-22 to 1963-04-01
Medias	MOB	Romania	46.1417N 24.3806E	375	From 1979-01-01
Medicine Creek Dam	MKN	Nebraska,U.S.A.	40.3739N 100.2250W	732	From 1979-03-01 to 2001-07-15
Medicine Lake	LMDM	California,U.S.A.	41.5730N 121.6230W	2140	
Medina	MEDO	New York,U.S.A.	43.1646N 78.4546W	190	From 2004-05-07
Medina	MEDY	New York,U.S.A.	43.1818N 78.3903W	186	From 1978-12-01 to 2002-12-20
Medio Mundo	MMO	Nicaragua	11.8942N 86.0150W	480	From 1975-01-01
Meekatharra	MEK	Western Australia,Australia	26.6128S 118.5450E	515	
Meekatharra	MEEK	Western Australia,Australia	26.6376S 118.6135E	529	From 1992-06-03
Meekatharra	MEKA	Western Australia,Australia	26.6142S 118.5360E	390	From 1986-05-01 to 1991-06-16
Meers	MEO	Oklahoma,U.S.A.	34.7835N 98.5846W	465	From 1985-09-01
Meers Fault	MFO	Oklahoma,U.S.A.	34.8212N 98.5296W	451	From 1984-04-20 to 1985-05-31
Meerut	MEE	Uttar Pradesh,India	28.9167N 77.6667E	220	
Megha	MEGN	Nepal	28.7100N 82.3400E	2740	
Megler CREST BB SMO	MEGW	Washington	46.2661N 123.8771W	351	From 2001-11-16
Megri	MGRZ	Armenia	38.9000N 46.2400E	0	
Mehetia	MEH	Society Islands,French Polynesia	17.8753S 148.0661W	300	
Mehriz	IMEH	Iran	31.3902N 54.6130E	2000	From 1998-10-01
Mei-Ami	MAMI	Israel	32.5000N 35.1500E	460	
Meikle Cairn	MME1	Scotland,United Kingdom	57.3149N 2.9647W	475	From 1981-01-01
Meishan	TWO1	Taiwan region	23.5705N 120.5946E	231	From 1976-08-20
Meishan	TWO	Taiwan region	23.5761N 120.5490E	180	From 1972-09-10
Melanico ??? S. Croce di Magliano	MELA	Italy	41.7059N 15.1270E	115	From 2008-04-23
Melbourne	MEL	Victoria,Australia	37.8314S 144.9733E	28	From 1902-01-01
Melilla	MELI	Spain	35.2938N 2.9350W	5	
Melilla	EMLI	Morocco	35.3000N 2.9500W	0	From 2002-06-21
Melilla	EMEL	Spain	35.3000N 2.9567W	85	From 1988-02-01 to 1999-01-31
Melilli	MEI	Sicily,Italy	37.1806N 15.1300E		
Melles	MELF	Midi-Pyrenees,France	42.8727N 0.7592E	940	From 1997-10-08
Mels	MELS	Switzerland	47.0484N 9.3826E	1060	
Membach	MEM	Belgium	50.6092N 6.0066E	250	
Memphis	MPH	Tennessee,U.S.A.	35.1230N 89.9320W	94	From 1978-09-21 to 1983-01-10
Memphis--Engineering Building	MET	Tennessee,U.S.A.	35.1220N 89.9340W	93	From 1973-11-13
Menan Buttes	MBI	Idaho,U.S.A.	43.7864N 111.9710W	1707	From 1973-09-01 to 1974-07-31
Mencas	MENF	Picardie,France	50.5582N 2.1550E	100	
Mendi	MNDI	Papua New Guinea	6.1550S 143.6580E	1800	From 1985-08-28
Mendips	SMD	England,United Kingdom	51.3083N 2.7170W	310	
Mendoza	MDZ	Mendoza,Argentina	32.8833S 68.8500W	826	From 1968-03-07
Mendoza	MEN	Mendoza,Argentina	32.9050S 68.8642W	287	
Mendum Tagoi	MENI	Irian Jaya,Indonesia	2.5103S 140.4170E	300	
Menerdue Farm	CME	England,United Kingdom	50.1760N 5.1903W	178	From 1982-01-01 to 1994-05-31
Mengen	MGN	Turkey	40.9248N 32.1812E	720	From 1970-08-01 to 1982-07-10
Menlo Park	LT7	California,U.S.A.	37.4502N 122.1830W	21	From 1967-09-22 to 1976-09-11
Menlo Park	MOB	California,U.S.A.	37.4502N 122.1830W	21	From 1967-09-22 to 1976-09-11
Menlo Park	JMPM	California,U.S.A.	37.4556N 122.1660W	17	
Mentasta	MENT	Alaska,U.S.A.	62.9381N 143.7194W	702	
Mentor	CMEN	Ohio,U.S.A.	41.6840N 81.4040W	188	
Menzel Bouzelfa	MBZ	Tunisia	36.6800N 10.6700E	220	
Meolans	OG27	Rhone-Alpes	44.3932N 6.5085E	1393	From 1991-04-17
Mera	TMS	Chiba,Japan	34.9200N 139.8280E	13	
Merapi	MRP	Jawa,Indonesia	7.4000S 110.2670E		
Merauke	MMPI	Irian Jaya,Indonesia	8.4667S 140.3833E	8	
Merced	S05C	California,U.S.A.	37.3460N 120.3296W	85	From 2005-04-18 to 2007-12-08
Mercer	MCR	Alaska,U.S.A.	63.8952N 149.0590W	456	From 1971-09-01 to 1975-07-31
Mercury	MCN	Nevada,U.S.A.	36.9315N 116.0560W		
Mercury	MCV	Nevada,U.S.A.	36.6335N 116.0000W	1158	From 1971-01-01 to 1979-08-31
Mercury	MCY	Nevada,U.S.A.	36.6620N 115.9621W	1308	From 1980-03-07 to 2002-10-10
Mercy Hot Springs	BMSM	California,U.S.A.	36.6580N 120.7940W	769	From 1973-12-06
Merida	MER	Yucatan,Mexico	20.9475N 89.6164W	7	
Meridian	MRO	Oklahoma,U.S.A.	35.8356N 97.2265W	294	From 1978-03-16 to 1982-09-04
Meriville Lake	BMRO	Ontario,Canada	44.5952N 81.2174W	178	From 2007-08-02
Merkhyat	MRKH	Sudan	15.7010N 32.3670E	446	From 2003-11-01
Merouana	CMER	Algeria	35.6200N 5.9000E	1020	
Merrill Creek	EPMC	New Jersey,U.S.A.	40.6580N 75.1900W	140	
Merrill Creek	PMMC	New Jersey,U.S.A.	40.6410N 75.1230W	152	
Merrill Creek	PDMC	New Jersey,U.S.A.	40.7560N 75.1170W	232	
Merrill Creek	FHMC	New Jersey,U.S.A.	40.7510N 75.0400W	256	
Merrill Creek	PEMC	New Jersey,U.S.A.	40.7580N 75.0760W	305	
Merrill Creek	HRMC	New Jersey,U.S.A.	40.7230N 75.0890W	295	
Merrill Creek	PFMC	New Jersey,U.S.A.	40.7250N 75.1550W	220	
Merrill Creek	ABMC	New Jersey,U.S.A.	40.6860N 75.0540W	170	
Merritt	ME-BC	British Columbia,Canada	50.1058N 120.6656W	1067	From 1962-07-07 to 1962-07-17
Merritt	ME-	British Columbia,Canada	50.1058N 120.6656W	1067	From 1962-07-07 to 1962-07-17
Mersa Alam	EMRS	Egypt	25.0131N 34.8387E	197	From 2003-06-20

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Mersin	MERS	Turkey	36.8677N	34.5222E	802	From 2005-08-23
Meru	MERK	Kenya	0.1925S	37.8095E	920	From 1997-12-01
Mesa Falls	YPMF	Idaho,U.S.A.	44.1432N	111.2882W	1786	
Mesa Lucera	MLM	New Mexico,U.S.A.	34.8144N	107.1450W	2088	From 1976-01-01
Mesa, Roswell	Y25A	New Mexico,U.S.A.	33.9229N	104.6928W	1364	From 2008-04-16
Mesa State College	MSCO	Colorado,U.S.A.	39.0794N	108.5546W	1387	
Mesa Verde	MVCO	Colorado,U.S.A.	37.2103N	108.4986W	2169	
Mesquite Ranch, Deming	221A	New Mexico,U.S.A.	32.0094N	107.7782W	1277	From 2008-02-11
Messejana	MESJ	Portugal	37.8400N	8.2200W	147	From 2007-07-04
Messina	MSNA	South Africa	22.3452S	30.0232E	600	
Messina ING	MSI	Sicily, Italy	38.2052N	15.5539E	55	From 1967-07-01
Messina Univ.	MES1	Sicily, Italy	38.1989N	15.5550E	45	
Messina University	MES	Sicily, Italy	38.1989N	15.5550E	45	
Messtetten	MSS	Baden-Wuerttemberg,Germany	48.1783N	8.9615E	948	From 1933-01-01
Mestia	MTIG	Georgia	43.0417N	42.7723E	1395	From 1973-01-01
Met	MTZV	Vietnam	21.5480N	106.3420E	50	From 2002-01-01
Metahra	OMET	Algeria	35.3300N	0.7300W	400	From 2004-12-01
Metsahovi	MEF	Finland	60.2172N	24.3958E	55	
Metsamor	METS	Armenia	40.1500N	44.0800E	850	
Metsovon	MEV	Greece	39.7850N	21.2289E	1500	
Mettingen	NE34	Nordrhein-Westfalen,Germany	52.3110N	7.7710E	122	
Metzger Ranch, Havre	A18A	Montana,U.S.A.	48.9198N	109.8459W	804	From 2007-11-20
Mexican Hat	T18A	Utah,U.S.A.	37.1364N	109.8741W	1297	From 2007-06-23
Mexico City	MEX	Mexico D.F.,Mexico	19.3289N	99.1861W	2280	From 1978-06-01
Mezcala	MEIG	Guerrero	17.9258N	99.6197W	808	From 2005-03-09
Mezhor'ye	MEZ	Ukraine	48.5140N	23.5140E	440	
Mezontepec	IZ	Mexico:State,Mexico	19.1875N	99.2413W	3430	
Miamay	IMYA	Iran	36.3414N	60.1021E	1684	From 1999-07-01
Miami	MIA	Florida,U.S.A.	25.9167N	80.3000W		From 1945-01-01 to 1956-12-31
Mianeh	MISD	Iran	37.3500N	47.6000E	0	
Miaoli City	NML	Taiwan region	24.5650N	120.8260E	45	From 1999-08-04
Mica Creek	MCC	British Columbia,Canada	52.0517N	118.5850W	578	
Mica Creek	MCE	British Columbia,Canada	52.0033N	118.5620W	625	From 1977-06-04 to 1981-08-12
Michaelchurch	MCH1	Wales,United Kingdom	51.9974N	2.9983W	219	From 1978-01-01
Michilla	MIC	Antofagasta,Chile	22.7064S	70.2669W	100	
Michnevo	MHV	Moskovskaya Oblast',Russia	54.9595N	37.7664E	150	From 1995-05-01
Michoacan	ZEM	Michoacan,Mexico	18.7926N	102.1116W	200	
Michoacan	CBZM	Michoacan,Mexico	18.0150N	102.4050W		
Michoacan	BVTM	Michoacan,Mexico	18.8933N	102.2650W		
Middleburg	MR-	Pennsylvania,U.S.A.	40.8147N	77.1756W	213	From 1962-10-11 to 1962-10-27
Middleburg	MR-PA	Pennsylvania,U.S.A.	40.8147N	77.1756W	213	From 1962-10-11 to 1962-10-27
Middlebury	MDV	Vermont,U.S.A.	43.9992N	73.1812W	134	From 1970-03-01
Middle Cape	MMC	Alaska,U.S.A.	57.3333N	154.6350W	340	From 1971-08-01
Middle Mountain	MMNB	California,U.S.A.	35.9565N	120.4960W	385	
Middlesmoor	MMY	England,United Kingdom	54.1758N	1.8689W	427	
Middleton Gardens	MGS	South Carolina,U.S.A.	32.8978N	80.1410W	9	From 1976-03-31
Middleton Island	MID	Alaska,U.S.A.	59.4278N	146.3390W	37	From 1964-04-10
Middletown	NMTM	California,U.S.A.	38.8057N	122.4460W	422	From 1975-06-26
Midelt	MDT	Morocco	32.8169N	4.6139W	1200	
Mid-South CC	MCAR	Arkansas,U.S.A.	35.1449N	90.2225W	0	
Midway	MDW	Washington,U.S.A.	46.6132N	119.7610W	330	From 1969-03-01
Midway	MIDW	Midway Islands,Hawaiian Islands	28.2157N	177.3697W	-75	
Midway	MDY	Midway Islands,Hawaiian Islands	28.2067N	177.3330W		From 1966-01-01 to 1970-12-31
Midwestern State University	MSUEL	Texas,U.S.A.	33.8735N	98.5195W	294	From 2004-02-07
Miekhoku	JKN2	Mie	34.2390N	136.2737E	80	From 2005-03-23
Miglionico	MIGL	Italy	40.6044N	16.4410E	440	From 2006-08-07
Mihama	JFM	Kyoto,Japan	35.5283N	135.9833E	161	
Mihama	MHJ	Fukui,Japan	35.5306N	135.9789E	260	
Mijas	EMIJ	Spain	36.5645N	4.7727W	470	
Mikata	JMT	Hyogo,Japan	35.4433N	134.5350E	270	
Mikawa	MIKN	Aichi,Japan	34.7626N	137.4701E	76	
Mikawa	MKW	Hiroshima,Japan	34.6111N	133.1070E	320	From 1967-09-01
Mikazuki	MZT	Hyogo,Japan	34.9867N	134.4446E	200	
Mikes Peak	CMPM	California,U.S.A.	37.3577N	121.3080W	799	
Miki	JMIK	Hyogo,Japan	34.8070N	135.0538E	160	
Mila	MILA	New South Wales,Australia	37.0547S	149.1550E	785	
Milagra Ridge	JMGM	California,U.S.A.	37.6370N	122.4740W	201	From 1971-08-31
Milagra Ridge	MGA	California,U.S.A.	37.6370N	122.4740W	201	From 1971-08-31
Milan	V21A	New Mexico,U.S.A.	35.8054N	107.6378W	2046	From 2008-02-18
Milan	MILT	Tennessee,U.S.A.	35.8489N	88.7329W	146	From 1985-11-01
Milan	MIL	Italy	45.4667N	9.1833E	124	
Milas	MLSB	Turkey	37.2953N	27.7765E	500	From 2003-09-16
Milazzo	MILZ	Sicily,Italy	38.2713N	15.2313E	0	From 1995-01-01
Mile High Drive	MHD	Utah,U.S.A.	40.6607N	111.8010W	1597	From 1990-10-04
Mileto	MLE	Italy	38.6000N	16.0500E	360	
Milford	MLF	Ohio,U.S.A.	39.1374N	84.2774W	238	From 1963-01-01
Milford North	MNU	Utah,U.S.A.	38.6197N	112.8470W	1664	From 1977-01-01
Milford Reservoir	MLK	Kansas,U.S.A.	39.1073N	96.8933W	386	From 1977-08-15
Milford Sound	MSZ	South Island,New Zealand	44.6733S	167.9280E	90	From 1966-03-01
Milimani	MILK	Kenya	0.1140S	34.7510E	1142	From 1997-02-01 to 1998-03-31
Military Pass	LMPM	California,U.S.A.	41.4883N	122.1620W	1865	
Mill City	MILG	California,U.S.A.	37.6213N	118.9870W	2536	From 1981-07-01
Mill Creek	MLL	California,U.S.A.	34.0913N	116.9360W	1513	
Millendorf	BD03	Nordrhein-Westfalen	50.9917N	6.5570E	70	From 2001-01-01
Miller Ranch	MT3	Texas,U.S.A.	30.5419N	104.6570W	1481	From 1977-06-01 to 2003-01-28
Millersville	MVL	Pennsylvania,U.S.A.	39.9992N	76.3506W	91	
Millerton Lake Dam, Friant	T06C	California,U.S.A.	37.0069N	119.7089W	216	From 2004-12-06 to 2007-12-06
Millington	MLNT	Tennessee,U.S.A.	35.3340N	89.9300W	100	
Millom	LMI	England,United Kingdom	54.2206N	3.3070W	140	From 1989-01-01
Mills College	CMCM	California,U.S.A.	37.7813N	122.1760W	90	From 1971-07-20
Millsfield	MFTN	Tennessee,U.S.A.	36.1610N	89.3930W	113	
Milo	MIM	Maine,U.S.A.	45.2436N	69.0403W	140	From 1975-07-01 to 2004-10-14
Milos	MHL	Greece	36.6828N	24.3958E	400	
Milton-Freewater	MFW	Oregon,U.S.A.	45.9030N	118.4060W	384	From 1971-10-01
Milwaukee	MLW	Wisconsin,U.S.A.	43.0333N	87.9167W	194	From 1909-01-01 to 1957-12-31
Mina	MNV	Nevada,U.S.A.	38.4322N	118.1540W	1507	From 1970-05-26
Mina	MN-	Nevada,U.S.A.	38.4361N	118.1481W	1524	
Mina	MN-NV	Nevada,U.S.A.	38.4361N	118.1481W	1524	
Mina	R08A	Nevada,U.S.A.	38.3489N	118.1064W	1419	From 2006-03-03 to 2008-03-24
Mina	MINR	Krasnoyarskiy Kray,Russia	54.9000N	94.2000E	510	
Mina	MNA	Nevada,U.S.A.	38.4328N	118.1570W	1525	
Mina Array Beam Reference Point	NVAR	Nevada,U.S.A.	38.4296N	118.3036W	2041	
Mina Array Site 1	NV01	Nevada,U.S.A.	38.4296N	118.3035W	2029	
Mina Array Site 10	NV10	Nevada,U.S.A.	38.4488N	118.3194W	2133	
Mina Array Site 2	NV02	Nevada,U.S.A.	38.4374N	118.3049W	2094	
Mina Array Site 3	NV03	Nevada,U.S.A.	38.4279N	118.2937W	1978	
Mina Array Site 32	NV32	Nevada,U.S.A.	38.3342N	118.3003W	1836	
Mina Array Site 33	NV33	Nevada,U.S.A.	38.4858N	118.4238W	1946	
Mina Array Site 4	NV04	Nevada,U.S.A.	38.4232N	118.3068W	1984	
Mina Array Site 5	NV05	Nevada,U.S.A.	38.4464N	118.2913W	2186	
Mina Array Site 6	NV06	Nevada,U.S.A.	38.4224N	118.2744W	1936	
Mina Array Site 7	NV07	Nevada,U.S.A.	38.4105N	118.2949W	1849	
Mina Array Site 8	NV08	Nevada,U.S.A.	38.4041N	118.3184W	1798	
Mina Array Site 9	NV09	Nevada,U.S.A.	38.4354N	118.3352W	1918	
Mina Array Sites 11 and 31	NV11	Nevada,U.S.A.	38.4320N	118.1554W	1509	
Minabe	JWM	Wakayama,Japan	33.8492N	135.3547E	170	
Mina Concepcion	EMIN	Spain	37.7675N	6.6724W	240	
Minamishigara	ASG	Kanagawa,Japan	35.3138N	139.0279E	386	
Minamidaito 2	JMZ	Ryukyu Islands,Japan	25.8190N	131.2207E	50	
Minamidaito jima	MVI	Ryukyu Islands,Japan	25.8283N	131.2350E	14	From 1974-02-01
Minami-Gairin	SRMH	Iburi,Japan	42.5312N	140.8330E	476	
Minamiizu	MIZN	Shizuoka,Japan	34.6889N	138.8424E	105	
Minami-tori-shima	MCSJ	Marcus Island,Japan	24.2900N	153.9780E	10	
Mineo	MNE	Sicily,Italy	37.2500N	14.7333E	510	
Mineo	HMNO	Sicily,Italy	37.3180N	14.6000E	530	From 1994-05-01
Mineoka	MNJ	Chiba,Japan	35.1019N	139.9908E	100	
Mineral	MIN	California,U.S.A.	40.3460N	121.6066W	1470	From 1938-01-01 to 2000-06-29
Minerbio Fiu	FIU	Italy	44.6395N	11.4917E	12	
Minerbio--Passere	PASE	Italy	44.6062N	11.4567E	12	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Minerbio--Torre	TORE	Italy	44.6072N	11.5255E	16	
Miners Draw (BLM), Jensen	O19A	Utah,U.S.A.	40.2982N	109.1236W	1649	From 2007-08-20
Miners Mountain	MMU	Utah,U.S.A.	38.1985N	111.2940W	2387	From 1980-10-01
Minervino Murge	MRVN	Italy	41.0609N	16.1958E	610	From 2007-04-24
Mines Road	MNR	California,U.S.A.	37.5947N	121.6370W	500	From 1969-04-17 to 2008-07-16
Mines Road	CMNM	California,U.S.A.	37.6275N	121.7080W	245	From 1979-11-29
Mines Road	CMRM	California,U.S.A.	37.5947N	121.6370W	500	From 1969-04-17 to 2008-07-16
Mines Road	CL2	California,U.S.A.	37.6275N	121.7080W	245	From 1979-11-29
Mines Road	CB9	California,U.S.A.	37.5947N	121.6370W	500	From 1969-04-17 to 2008-07-16
Mineville/Witherbee	MIV	New York,U.S.A.	44.0747N	73.5340W	317	From 1985-06-01
Mingacevir	MGC	Azerbaijan	40.7700N	47.0600E	30	From 1968-01-01
Mingjian	WNT	Taiwan region	23.8780N	120.6840E	110	
Minicoy	MNCY	Laccadive Islands,India	8.2667N	73.0333E	0	
Minicoy	MNCI	Laccadive Islands,India	8.3000N	73.1333E	0	
Minitrack	MIK	Alaska,U.S.A.	64.8723N	147.8280W	160	From 1970-05-01 to 1975-03-31
Mink Peak	MKMT	Montana,U.S.A.	47.1032N	115.1138W	2088	
Minneapolis	MFN	Minnesota,U.S.A.	44.9141N	93.1930W	226	
Minneapolis	MNN	Minnesota,U.S.A.	44.9144N	93.1900W	217	From 1964-01-01 to 1967-12-31
Minneapolis	MNM	Minnesota,U.S.A.	44.9740N	93.2381W	204	From 1974-12-01 to 1976-12-31
Minoodasht	IMIN	Iran	37.1422N	55.2336E	180	From 2000-08-01
Minshiang	CHN2	Taiwan region	23.5320N	120.4750E	45	
Minsk	MNK	Belarus	54.5000N	27.8333E	198	
Miomork	IMID	Iceland	63.6580N	19.8860W	132	From 1989-12-21
Miracle	EMIR	Spain	41.9144N	1.5258E	841	
Miradouro	MIRA	Azores,Portugal	37.7855N	25.2787W	702	From 1999-04-27
Miraflores	MRF	Peru	12.1316S	77.0249W	280	
Miramar	MIRN	Nicaragua	12.4400N	86.7117W	280	
Miramichi	MINB	New Brunswick	46.9700N	66.5300W	0	From 1982-06-01
Miranda	MIDA	Italy	41.6419N	14.2540E	950	From 2004-07-07
Mirandola	SGIA	Italy	44.8592N	11.0358E	20	
Mirnyy	MIR	Queen Mary Land,Antarctica	66.5514S	93.0167E	34	
Mirrayikh	MYKS	Saudi Arabia	21.5545N	39.3323E	0	
Mirror Lake Plateau	YMP	Wyoming,U.S.A.	44.7402N	110.1560W	2774	
MIRYANG	KSMIY	South Korea	35.4864N	128.7412E	13	From 2000-03-04
Misaki	MSK	Kanagawa,Japan	35.1500N	139.6170E	0	
Misakubo	MSKJ	Shizuoka,Japan	35.1934N	137.9390E	754	From 1979-04-01
Misere	AS4	Quebec,Canada	47.4567N	70.4125W	381	From 1977-08-30
Misericordia	VMS	Luzon,Philippines	13.2500N	123.7550E	0	
Mishima	MIS	Shizuoka,Japan	35.1117N	138.9300E	22	
Mishlifan	MIF	Morocco	33.4090N	5.2290W	2070	
Misao	MISV	Venezuela	9.9730N	70.9256W	768	
Misono	MSN	Hidaka,Japan	42.4232N	142.5414E	100	From 1976-07-01
Misrath	LMSR	Libya	32.3125N	15.0083E	114	
Mission Creek	MSMT	Montana,U.S.A.	45.6305N	110.3537W	1926	
Mission San Jose	MSJ	California,U.S.A.	37.5208N	121.8710W	498	From 1972-07-01
Mission San Jose	CMJM	California,U.S.A.	37.5208N	121.8710W	498	From 1972-07-01
Missoula	MSO	Montana,U.S.A.	46.8292N	113.9410W	1264	From 1973-11-01
Miston	MIST	Tennessee,U.S.A.	36.1707N	89.5023W	80	
Mitaka	MTK	Tokyo,Japan	35.6667N	139.5000E	57	
Mitchell	MH-	Nebraska,U.S.A.	41.8889N	103.8917W	1311	From 1962-10-15 to 1962-10-27
Mitchell	MC-	South Dakota,U.S.A.	43.6544N	97.9194W	366	From 1962-05-09 to 1962-06-28
Mitchell	MC-SD	South Dakota,U.S.A.	43.6544N	97.9194W	366	From 1962-05-09 to 1962-06-28
Mitchell	MH-NB	Nebraska,U.S.A.	41.8889N	103.8917W	1311	From 1962-10-15 to 1962-10-27
Mitchell Field	MFA	Alaska,U.S.A.	51.9350N	176.5920W	0	From 1949-07-01 to 1952-12-31
Mitchell Peak, Miramonte	HELL	California,U.S.A.	36.6801N	119.0228W	1145	From 2005-02-11 to 2007-10-14
Mito	MIT	Ibaraki,Japan	36.3783N	140.4720E	29	
Mitogawa	MTGE	Wakayama,Japan	33.5539N	135.6874E	60	
Mitoyo	MITH	Iburi,Japan	42.5728N	140.7804E	325	
Mitsuishi	MUJ	Hidaka,Japan	42.2831N	142.5856E	60	
Mitsune	JHJ2	Bonin Islands,Japan	33.1117N	139.8167E	70	
Mitta Mitta	MITM	Victoria,Australia	36.7317S	147.6587E	470	
Mi Wuk Village	MMWM	California,U.S.A.	38.0638N	120.1810W	1411	From 1976-07-12
Mix Canyon Road	MIX	California,U.S.A.	38.4113N	122.0570W	177	From 1971-06-12
Mix Canyon Road	NMXM	California,U.S.A.	38.4113N	122.0570W	177	From 1971-06-12
Miyake jima	MKJ	Bonin Islands,Japan	36.1100N	139.5283E	170	From 1972-02-01
Miyakejima3	JMY	Bonin Islands,Japan	34.0715N	139.5127E	470	
Miyako	Miy	Iwate,Japan	39.6450N	141.9680E	46	
Miyako	MKO	Iwate,Japan	39.5900N	141.9820E	125	From 1968-09-01
Miyako jima 2	JMJ	Ryukyu Islands,Japan	24.8147N	125.2935E	43	
Miyakonagasawa	MiyJ	Iwate,Japan	39.5767N	141.8197E	200	From 1990-04-23
Miyako zima	MYK	Ryukyu Islands,Japan	24.7917N	125.2783E	41	
Miyama	JGM	Gifu,Japan	35.6993N	136.7182E	495	
Miyazaki	MYZ	Miyazaki,Japan	31.9200N	131.4233E	7	
Miyazaki 2	MYZ2	Miyazaki,Japan	31.8967N	131.4120E	12	
Miyazu	MYD	Kyoto,Japan	35.5333N	135.2000E	0	
Mizel	MZLS	Saudi Arabia	24.0275N	45.2071E	880	
Mizumiro	MZI	Shizuoka,Japan	35.0440N	138.2936E	400	
Mizusawa	Miw	Iwate,Japan	39.1343N	141.1360E	63	From 1902-01-01
Mizusawa	MIZ	Iwate,Japan	39.1343N	141.1360E	63	From 1902-01-01
M & M Farms, Shelby	B16A	Montana,U.S.A.	48.4128N	111.7073W	1038	From 2007-09-26
Moa	MOAC	Cuba	20.6600N	74.9600W	0	
Moab	MBUT	Utah	38.5334N	109.5099W	1376	From 2006-07-27
Moab Khotsong	MOAB	Transvaal	26.9870S	26.7990E	1370	From 2008-05-13
Moapa	T12A	Nevada,U.S.A.	36.7256N	114.7147W	538	From 2007-01-24
Moar Alm	RMOA	Bayern,Germany	47.7617N	12.8645E	815	From 2001-08-24
Moawhango	MOVZ	North Island,New Zealand	39.4083S	175.7525E	850	From 2004-06-01
Moca	SRO2	Slovakia	47.7627N	18.3940E	109	From 2004-09-25
Moca	MOCA	Puerto Rico	18.4143N	67.0775W	0	
Moca	MCAB	Puerto Rico	18.4100N	67.0800W	303	
Moca	MCP	Puerto Rico	18.4190N	67.1107W	250	From 1975-11-14 to 1999-08-25
Moca	MFP	Fernando Poo,Equatorial Guinea	3.3418N	8.6609E	1338	From 1963-10-01
Moc Chau	MCVV	Vietnam	20.8000N	104.6500E	800	From 2005-03-15
Mochara	MOCB	Bolivia	21.2505S	65.6380W	3580	From 1993-06-01
Mocoron	MOCN	Nicaragua	12.7817N	87.0400W	0	
Model	MOTN	Tennessee,U.S.A.	36.6180N	87.9867W	177	
Modena	MODE	Italy	44.6297N	10.9492E	41	From 2007-10-18
Modica	HMDC	Sicily,Italy	36.9580N	14.7820E	540	From 1994-05-01
Modoc	MOD	Oregon,U.S.A.	41.9024N	120.3029W	1554	
Modra-Piesok	MODS	Slovakia	48.3736N	17.2774E	520	
Moessingen	MSG	Baden-Wuerttemberg,Germany	48.3992N	9.0353E	475	From 1971-01-01
Moffit Pass	N17A	Utah,U.S.A.	40.9425N	110.8335W	2500	From 2007-07-11
Moffitt Ranch	GMOM	California,U.S.A.	38.7102N	123.1430W	802	From 1975-05-07
Mogadiscio	MOG	Somalia	2.0333N	45.3500E	0	
Moghan	IMOG	Iran	36.1080N	59.3391E	2577	From 1999-07-01
Mogollon	ML-	New Mexico,U.S.A.	33.4147N	108.8364W	1646	From 1961-12-15 to 1962-02-16
Mogollon	ML-NM	New Mexico,U.S.A.	33.4147N	108.8364W	1646	From 1961-12-15 to 1962-02-16
Mogosoaia	MAGR	Romania	44.5649N	25.9417E	144	From 2003-10-26
Mogosoaia	PMGR	Romania	44.5275N	25.9939E	141	From 2006-11-23
Mogote Corralitos	AMLC	San Juan,Argentina	31.3089S	67.9250W	3241	
Mohaka	MOH	North Island,New Zealand	39.1325S	177.1478E	245	From 1987-03-19 to 1999-08-25
Mohawk Valley, Roll	113A	Arizona,U.S.A.	32.7683N	113.7667W	118	From 2007-05-08
Mohican School	MOSO	Ohio,U.S.A.	40.6120N	82.3830W	370	
Mohonk Preserve	NPNY	New York,U.S.A.	41.7546N	74.1435W	216	From 2007-09-07
Moikau	MOW	North Island,New Zealand	41.4217S	175.2520E	430	
Moikau Station	MSWZ	North Island,New Zealand	41.4158S	175.2495E	410	From 2003-08-28
Moi Rana	MOR6	Norway	66.2370N	14.7670E	650	From 1986-02-01 to 1989-12-12
Moi Rana	MOR1	Norway	66.2374N	14.7721E	650	From 1989-01-01 to 1989-12-12
Moi Rana	MOR2	Norway	66.2366N	14.7741E	650	From 1989-01-01 to 1989-12-12
Moi Rana	MOR5	Norway	66.2377N	14.7664E	650	
Moi Rana	MOR3	Norway	66.2357N	14.7724E	650	
Moi Rana	MOR4	Norway	66.2367N	14.7668E	650	From 1989-01-01 to 1989-12-12
Moi Rana	MOR8	Norway	66.1713N	14.4411E	445	From 1993-08-01
Moi Rana	MOR7	Norway	66.2850N	14.7350E	435	From 1990-05-23 to 1993-08-31
Mojave River Dam	MRD	California,U.S.A.	34.6757N	117.2410W	969	
Mokapu	MOK	Hawaii,U.S.A.	21.4565N	157.7370W	90	From 1965-04-01 to 1999-08-25
Mokollar	IMKO	Iceland	64.9778N	16.3391W	660	From 2005-11-01
Mokpo	KSMOP	South Korea	34.8083N	126.3766E	37	From 2000-02-11
Mokuaweoweo	MWH	Hawaii,U.S.A.	19.4880N	155.6000W	1251	
Molcaxac	MOPM	Puebla,Mexico	18.7333N	97.9167W	1840	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Molde	MOL	Norway	62.5700N 7.5480E	98	
Molesworth	MLWM	Victoria,Australia	37.1366S 145.5105E	280	From 1987-02-01
Moliterno	MOLE	Italy	40.2514N 15.8296E	1130	
Molkenrain	MOF	Alsace,France	47.8517N 7.1332E	1085	From 1982-01-01
Mollejon	MOLL	Venezuela	7.7350N 71.6289W	900	From 1984-01-01
Mollin	MOA	Austria	47.8495N 14.2659E	572	From 1996-01-01
Moma	MOMR	Severo-Osetinskaya,Russia	66.4667N 143.2167E	192	
Mombacho	MOBN	Nicaragua	11.8317N 85.9777W	1000	
Momias	MOMI	Spain	36.3301N 5.7200W	370	
Momote	MOM	Admiralty Islands,Papua New Guinea	2.0417S 147.4020E	10	From 1969-10-01
Momotombo	MOMJ	Nicaragua	12.4083N 86.5400W	500	
Momotombo	MOMN	Nicaragua	12.4083N 86.5400W	500	
Monaco	MON	Monaco	43.7306N 7.4250E	52	
Monarch Peak	MOP	California,U.S.A.	36.2152N 120.7950W	784	From 1970-08-14
Monarch Peak	PMPM	California,U.S.A.	36.2152N 120.7950W	784	From 1970-08-14
Monasavu	MSV	Fiji	17.7578S 178.0544E	626	From 1983-02-01
Monastery St. Joachim Osogovski	KPJ	Former Yugoslav Rep. of Macedonia	42.2092N 22.3617E	700	From 1995-01-01
Monastery St. Andrei	MSAB	Romania	44.0910N 27.8256E	106	From 2000-10-24
Moncalieri	MNC	Italy	45.0000N 7.7000E	238	
Moncks Corner	MKC	South Carolina,U.S.A.	33.1900N 80.0400W	25	From 1973-03-13 to 1973-10-01
Moncorvo	MVO	Portugal	41.1644N 7.0289W	860	From 1980-08-01
Moncucco Torinese	MONC	Italy	45.0739N 7.9271E	480	From 2005-01-13
Mondonedo	EMON	Spain	43.4361N 7.3298W	615	From 1988-07-01
Mondragone	MODR	Italy	41.1459N 13.8779E	345	From 2007-06-19
Mondy	MOY	Buryatiya,Russia	51.6667N 100.9931E	1303	
Monesi	MONE	Italy	44.0795N 7.7550E	1320	From 1991-06-01
Monestir Poblet	POBL	Spain	41.3793N 1.0847E	515	
Monetta	MTT	South Carolina,U.S.A.	33.7503N 81.6400W	182	From 1976-08-09
Mongiuffi-Melia	MMME	Sicily,Italy	37.9350N 15.2540E	905	From 1993-12-01
Moni Apezanon	APEZ	Crete,Greece	34.9777N 24.8859E	435	
Monida	MOMT	Montana,U.S.A.	44.5933N 112.3940W	2220	
Monjas	MJAS	Ecuador	0.2520S 78.4980W	2800	
Monmouth DOGAMI SMO	MONO	Oregon	44.8537N 123.2414W	60	From 2008-02-12
Monnetier-Mornex	OG02	Rhone-Alpes,France	46.1542N 6.2208E	620	From 1989-11-10
Monobe	JMN	Kochi,Japan	33.7822N 133.8790E	550	
Mono Craters	MCRR	California,U.S.A.	37.8872N 118.9937W	2268	
Mono Lake	ML1CL	California,U.S.A.	37.8806N 118.8494W	2512	From 1966-08-22 to 1966-08-26
Mono Lake	ML3	California,U.S.A.	37.5494N 118.8153W	2512	From 1966-08-25 to 1966-09-09
Mono Lake	ML2	California,U.S.A.	38.0806N 119.2442W	2987	From 1966-08-24 to 1966-09-09
Mono Lake	ML2CL	California,U.S.A.	38.0806N 119.2442W	2987	From 1966-08-24 to 1966-09-09
Mono Lake	ML1	California,U.S.A.	37.8806N 118.8494W	2512	From 1966-08-22 to 1966-08-26
Mono Lake	ML4CL	California,U.S.A.	38.3058N 119.5536W	2195	From 1966-08-23 to 1966-09-09
Mono Lake	ML3CL	California,U.S.A.	37.5494N 118.8153W	2512	From 1966-08-25 to 1966-09-09
Mono Lake	ML4	California,U.S.A.	38.3058N 119.5536W	2195	From 1966-08-23 to 1966-09-09
Monomi-yama	K08	Iwate,Japan	39.3128N 141.5244E	488	
Mono Valley	MONR	California,U.S.A.	38.0608N 118.7760W	2179	From 1974-07-01 to 2002-10-10
Monowai	MNW	South Island,New Zealand	45.7803S 167.6190E	155	From 1935-07-01 to 1978-11-26
Monroe Substation	MBPA	Washington,U.S.A.	47.8985N 121.8889W	186	
Monserrat	MRB	Spain	41.5950N 1.8372E	860	
Monsted	NE02	Denmark	56.4590N 9.1700E	60	From 1983-02-01 to 2001-07-28
Monsted U'grnd	MUD	Denmark	56.4550N 9.1733E	12	From 1982-03-01
Mont	MONL	Aquitaine,France	43.4328N 0.6506W	100	
Montachique	MTH	Portugal	38.8967N 9.1925W	409	
Montagna Grande	MTGR	Sicily,Italy	37.8934N 12.7593E	751	From 2000-07-01
Montagne du Rey	REYF	Aquitaine,France	43.0697N 0.3925W	1000	From 1996-12-12
Montagnes des Peres	MPGF	French Guiana	5.1100N 52.6440W	147	
Montagne Vauclin	MVM	Martinique	14.5545N 60.8955W	361	From 1975-01-01
Montagny	OG11	Rhone-Alpes,France	45.4527N 6.6095E	1120	From 1993-07-07
Montague Island	MTU	Alaska,U.S.A.	59.9878N 147.6520W	434	
Montague Island	MTG	Alaska,U.S.A.	59.9118N 147.4970W	31	From 1974-10-03 to 1985-07-31
Montana Rajada	CRAJ	Canary Islands	28.2649N 16.5969W	2474	From 2004-06-11
Montanita	PT21	Peru	6.8490S 79.1360W	1200	
Montasola	MA1	Italy	42.3846N 12.6800E	600	From 1978-01-01
Montasola	MNS	Italy	42.3847N 12.6808E	600	From 1978-01-01
Montbardon	MBDF	Provence-Cote d'Azur,France	44.7269N 6.7714E	1520	From 1996-04-03
Mont Bernier	MBV	Vanuatu	17.6587S 168.3100E	280	
Mont Chateau	MCWV	West Virginia,U.S.A.	39.6581N 79.8456W	280	From 1991-03-28
Montclair	MONJ	New Jersey,U.S.A.	40.8083N 74.2308W	98	
Montclair St. U.	MSNJ	New Jersey,U.S.A.	40.8841N 74.1815W	132	From 2000-11-02
Mont de Guillon, France	MDGS	Franche Comte,France	47.3146N 6.3929E	400	From 2004-10-20
Mont-d'or	MLG	Guadeloupe	16.0613N 61.7103W	642	
Mont Dore	PLUM	New Caledonia	22.2730S 166.6400E	9	From 2007-01-01
Mont Dzurnac	DZM	New Caledonia	22.0710S 166.4440E	905	From 1985-01-01
Monte Acero	MAB1	Italy	41.2589N 14.4958E	723	
Monteagle	MEA	New South Wales,Australia	34.2083S 148.3930E	2664	From 1966-08-14 to 1972-08-09
Monte Arcimis	EMAR	Sicily,Italy	37.6883N 15.0623E	1250	From 1994-10-01
Monte Arcimis	EARC	Sicily,Italy	37.6938N 15.0643E	1267	From 2002-10-01
Monte Argentario	MAON	Italy	42.4283N 11.1309E	237	From 2003-07-25
Monte Argentario	MAO	Italy	42.4167N 11.1522E	326	From 1983-08-01
Monte Baldo	BALD	Italy	45.6831N 10.8181E	1911	From 2007-11-08
Monte Baldo	BALI	Italy	45.7806N 10.8625E	1751	From 1981-06-15
Montebello Ionico	MMBI	Italy	38.0330N 15.7630E	950	From 1993-12-01
Montebello Ridge	MTB	California,U.S.A.	37.2907N 122.0910W	347	From 1975-02-07 to 1976-12-23
Montecano	MONV	Venezuela	11.9550N 69.9710W	170	From 2002-04-17
Monte Cassino	MCI	Italy	41.4833N 13.8167E	527	
Montecelio	MTCE	Italy	42.0228N 12.7422E	388	From 2002-12-05
Monte Cimone	MME	Italy	44.1936N 10.7000E	2160	
Monte Cocuzzo	CZ1	Italy	39.2183N 16.1336E	1700	From 1982-01-01
Montecristo	MTO	El Salvador	14.3897N 89.4050W	1380	
Montecristo 2	MT02	El Salvador	14.4000N 89.3617W	1870	
Monte Cristo Peak	MCU	Utah,U.S.A.	41.4617N 111.5070W	2664	From 1975-12-01
Monte dei Santi	ESAN	Sicily,Italy	37.6945N 14.9677E	1690	From 1994-10-01
Monte Escuro	MTSA	Azores,Portugal	37.7810N 25.4384W	826	
Monte Escuro	MESC	Azores,Portugal	37.7931N 25.4456W	790	From 1990-01-19
Monte Figo	FIG	Portugal	37.1006N 7.8283W	310	From 1984-03-30
Monte Figo	PFMF	Portugal	37.1005N 7.8235W	398	From 1996-01-01
Monte Finestrelle	MFNL	Sicily,Italy	37.7908N 12.9224E	677	From 2000-07-01
Monte Fontane	EMFO	Sicily,Italy	37.7352N 15.0835E	1134	From 1994-10-01
Montegabbione	MGAB	Italy	42.9126N 12.1121E	547	From 2008-04-02
Montego Bay	MBJ	Jamaica	18.4027N 77.8627W	576	
Monte Grosso	EMGR	Sicily,Italy	37.6703N 15.0073E	1350	From 1994-10-01
Montehunto	PMJU	Portugal	39.1750N 9.0488W	660	
Monte Intraleo	EMIL	Sicily,Italy	37.7213N 14.9165E	1560	From 1994-10-01
Monte Lauro	MEU	Sicily,Italy	37.1011N 14.9300E	985	
Monte Llano	DR4	Dominican Republic	19.4672N 70.3600W	327	
Monte Llano	DR04	Dominican Republic	19.4672N 70.3600W	327	
Montello	M13A	Nevada,U.S.A.	41.3602N 114.1655W	1514	From 2006-05-04
Montello	MTLO	Italy	45.8133N 12.0967E	350	From 1988-01-01
Monte Magaggiaro	MMGO	Sicily,Italy	37.6619N 12.9767E	397	From 2000-07-01
Monte Massico	MSC	Italy	41.1914N 13.9714E	109	
Montemor	MOE	Portugal	38.5228N 8.3506W	263	From 1983-02-19
Monte Nero	EMNR	Sicily,Italy	37.8162N 15.0260E	1745	From 2003-09-01
Monte Nero	EN6*	Sicily,Italy	37.8058N 15.0389E	1745	From 1966-04-01 to 1966-05-01
Monte Parmentelli	EMPL	Sicily,Italy	37.6790N 14.9698E	1434	From 1994-10-01
Monte-Pele	MPM	Martinique	14.8120N 61.1680W	1190	
Monte Pellegrino	MPG	Sicily,Italy	38.1617N 13.3600E	600	From 1994-03-01
Monte Pirata	MTPB	Puerto Rico	18.0900N 65.5500W	175	
Monte Pirata	MTP	Puerto Rico	18.0940N 65.5570W	175	From 1975-04-01
Monte Pizzetto	PZZT	Italy	44.1313N 10.8617E	1236	From 2005-08-09
Monte Prat	MPRI	Italy	46.2417N 12.9883E	762	From 1977-06-02
Monterenzio	MTRZ	Italy	44.3763N 11.4663E	594	From 2007-12-12
Monterey	MTR	California,U.S.A.	36.6005N 121.9180W	192	From 1970-11-27
Monterey	HMOM	California,U.S.A.	36.6005N 121.9180W	192	From 1970-11-27
Monte Rocchetta	MRB1	Italy	41.1264N 14.9728E	625	
Monte Rojo	SDD10	Dominican Republic	19.2105N 69.2698W	385	
Monte Rosa	MR6*	Sicily,Italy	38.4792N 14.9578E	1729	From 1966-04-01 to 1966-05-01
Monte Rota	SEST	Italy	46.7493N 12.2165E	1729	From 2003-11-12
Monte Ruvolo	EMRV	Sicily,Italy	37.7463N 14.8835E	1205	From 1994-10-01
Monte S. Angelo	MSAG	Italy	41.7120N 15.9096E	890	From 2006-05-25

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Montesano sulla Marcellana	MTSN	Italy	40.2663N 15.7515E	1056	
Monte Sant'Angelo	FGMS	Italy	41.7079N 15.9534E	848	From 2006-08-07
Monte Sant'Angelo (FG)	MS1	Italy	41.7050N 15.9420E	830	From 1982-04-01
Montesarchio	MSB1	Italy	41.0897N 14.6594E	610	
Monte Scavo	ESVO	Sicily, Italy	37.7728N 14.9468E	1680	From 1994-10-01
Monte Sirino - Moliterno	SIRI	Italy	40.1821N 15.8675E	1063	From 2006-08-07
Monte Soro	ESRO	Sicily, Italy	37.9308N 14.6940E	1847	From 1994-10-01
Monte Soro	MNO	Sicily, Italy	37.9331N 14.6947E	1830	
Monte Spagnolo	EMSG	Sicily, Italy	37.8208N 14.9498E	1435	From 1994-10-01
Monte Urbino	MURB	Italy	43.2630N 12.5246E	845	From 2004-01-21
Monte Vetore	EMVT	Sicily, Italy	37.6910N 14.9835E	1855	From 1994-10-01 to 2005-07-13
Monte Vettore	MVT	Sicily, Italy	37.6892N 14.9861E	1660	
Montevieu	I15A	Idaho, U.S.A.	43.9997N 112.4850W	1470	From 2007-08-14
Monte Vulture - Melfi	VULT	Italy	40.9549N 15.6163E	1101	From 2005-08-12
Monteynard	MNY	Rhone-Alpes, France	44.9606N 5.6911E	422	From 1963-09-01
Montezuma	MTZ	Antofagasta, Chile	22.6333S 68.8333W	1850	From 1933-01-01 to 1999-08-25
Montezuma Peak	MZP	Nevada, U.S.A.	37.7007N 117.3834W	2395	From 1979-07-13
Montgomery	MGVT	Vermont, U.S.A.	44.9135N 72.6277W	262	From 1977-08-01 to 1981-08-25
Monticello	MCEL	Italy	40.3249N 15.8019E	960	From 2006-08-07
Monticello Reservoir Site 1	MR01	South Carolina, U.S.A.	34.3318N 81.2957W	131	
Monticello Reservoir Site 10	MR10	South Carolina, U.S.A.	34.3363N 81.3375W	137	
Monticello Reservoir Site 2	MR02	South Carolina, U.S.A.	34.1929N 81.2302W	84	
Monticello Reservoir Site 3	MR03	South Carolina, U.S.A.	34.3514N 81.4569W	125	
Monticello Reservoir Site 4	MR04	South Carolina, U.S.A.	34.4287N 81.2166W	145	
Monticello Reservoir Site 5	MR05	South Carolina, U.S.A.	34.2675N 81.3342W	103	
Monticello Reservoir Site 6	MR06	South Carolina, U.S.A.	34.3517N 81.1962W	137	
Monticello Reservoir Site 7	MR07	South Carolina, U.S.A.	34.3720N 81.3250W	134	
Monticello Reservoir Site 8	MR08	South Carolina, U.S.A.	34.4088N 81.4092W	112	
Monticello Reservoir Site 9	MR09	South Carolina, U.S.A.	34.3008N 81.4030W	122	
Monti di Nese	MDI	Italy	45.7772N 9.7114E	1025	
Montoliu	MTLF	Languedoc-Roussillon, France	43.3411N 2.2175E	365	From 1996-04-03
Mont Orford	MOQ	Quebec, Canada	45.3120N 72.2541W	841	From 1991-05-03
Montpelier	MPVT	Vermont, U.S.A.	44.2783N 72.6067W		From 1977-06-27 to 1981-08-25
Montreal	MNT	Quebec, Canada	45.5025N 73.6231W	112	From 1954-09-01
Mont Rhoder	AMRH	Algeria	35.8572N 4.9388E	1530	
Montrose	MRS	Colorado, U.S.A.	38.4706N 107.8600W	1790	From 1970-01-01 to 1972-11-30
Montrose	MSC	Pennsylvania, U.S.A.	41.7611N 75.7975W	457	From 1962-07-24 to 1962-07-27
Montrose	MS-PA	Pennsylvania, U.S.A.	41.7611N 75.7975W	457	From 1962-07-24 to 1962-07-27
Mont Sano	MSAL	Alabama, U.S.A.	34.8467N 86.6735W	260	
Monts Chateau	KCH	Kerguelen Islands	49.2440S 70.1450E		From 1974-02-01
Montserrat	MWI	Montserrat	16.7130N 62.2220W	46	From 1966-03-20 to 1999-08-25
Montserrat Volcano Observatory	MVOV	Montserrat	16.7465N 62.2283W	80	
Mont Tournerai	TOUF	Provence-Cote d'Azur, France	44.0137N 7.2483E	1830	
Mont Tremblant	TRQ	Quebec, Canada	46.2222N 74.5556W	853	From 1981-03-16
Monturquiu	MTQ	Antofagasta, Chile	24.3400S 68.4400W	3000	
Mont Vial	MVIF	Provence-Cote d'Azur, France	43.8963N 7.1525E	1480	
Mont Vial	MUIF	Provence-Cote d'Azur, France	43.8963N 7.1525E	1480	
Monument Peak	MONP	Arizona	32.8900N 116.4200W	1920	From 2004-04-15
Moodus	MD3	Connecticut, U.S.A.	41.5066N 72.4715W	152	
Moodus	MD2	Connecticut, U.S.A.	41.5314N 72.4337W	61	
Moodus	MD5	Connecticut, U.S.A.	41.4551N 72.4950W	101	
Moodus	MD1	Connecticut, U.S.A.	41.5529N 72.4667W	113	
Moodus	MD4	Connecticut, U.S.A.	41.5023N 72.5121W	106	
Mook	IMOK	Iran	29.0461N 52.7146E	2788	From 2002-10-01
Moondarra Dam	MDRM	Victoria, Australia	38.0990S 146.3790E	250	
Moonee Ponds	MPDM	Victoria, Australia	37.7689S 144.9064E	30	
Moon Mountain	MOON	Oregon	44.0515N 121.6695W	224	From 2002-08-01
Moorlands	MOO	Tasmania, Australia	42.4417S 147.1900E	325	From 1960-01-01
Moosalm	MOTA	Austria	47.3448N 11.1037E	1575	From 1991-02-09
Moose Creek	MSE	Alaska, U.S.A.	61.8383N 148.9670W	1319	From 1984-09-11
Moose Creek	MCID	Idaho, U.S.A.	44.1903N 111.1827W	2149	
Moose Creek Bluff	MCB	Alaska, U.S.A.	64.7225N 147.2250W	200	From 1968-09-01 to 1971-09-30
Moose Pass	MPA	Alaska, U.S.A.	60.4892N 149.3610W	150	From 1973-08-05
Moose Ponds	MOOW	Wyoming, U.S.A.	43.7486N 110.7450W	2128	From 1986-01-01
Moosonee Ontario	MSNO	Ontario	51.2913N 80.6113W	4	From 2005-07-23
Mopani	MOPA	Transvaal, South Africa	23.5173S 31.3977E	362	From 2004-03-26
Moragy	PKSM	Hungary	46.2119N 18.6413E	170	
Moravsky	KRUC	Czech Republic	49.0619N 16.3952E	341	
Moravsky Beroun	MORC	Czech Republic	49.7768N 17.5425E	743	From 1995-04-01
Morawa	MORW	Western Australia, Australia	29.0679S 116.0403E	296	
Morawa	MRWA	Western Australia, Australia	29.2180S 115.9960E	300	From 1984-06-21
Morecambe B102	LBH	England, United Kingdom	54.0325N 2.9058W	-85	From 1990-01-01
Morelia	MOIG	Michoacan, Mexico	19.6779N 101.1889W	1275	
Morelia	MRX	Michoacan, Mexico	19.7045N 101.1917W	1560	From 1988-01-01
Moreno Valley High School, Angel Fire	U24A	New Mexico, U.S.A.	36.4093N 105.2784W	2573	From 2008-05-18
Moresby Island	MOBC	British Columbia, Canada	53.1969N 131.8983W	675	
Morganfield	MOKY	Kentucky, U.S.A.	37.6470N 87.9010W	204	From 1989-01-01
Morgan Territory	MTC	California, U.S.A.	37.8110N 121.8037W	745	From 1969-04-17 to 2008-07-16
Morgan Territory	LT17	California, U.S.A.	37.8110N 121.8037W	745	From 1969-04-17 to 2008-07-16
Morgan Territory	CMOM	California, U.S.A.	37.8110N 121.8037W	745	From 1969-04-17 to 2008-07-16
Morgan Territory	CMOB	California, U.S.A.	37.8104N 121.8027W	743	
Morgantown	MRG	West Virginia, U.S.A.	39.6331N 79.9544W	281	From 1950-10-01
Morge	MRGE	Italy	45.7698N 7.0610E	1660	From 2005-09-08
Mori	MOR	Oshima, Japan	42.1033N 140.5717E	19	
Morigerati	MGR	Italy	40.1376N 15.5535E	288	
Morin Heights	MRNQ	Quebec, Canada	45.8425N 74.2934W	59	
Morin Heights	MRHQ	Quebec, Canada	45.8870N 74.2127W	422	
Morioka	MRK	Iwate, Japan	39.6967N 141.1667E	154	
Morioka 2	MRKJ	Iwate, Japan	39.5988N 141.3238E	380	From 1992-02-21
Moriya	MRJ	Ibaraki, Japan	35.9425N 140.0044E	1	
Mormanno	MMN	Italy	39.8901N 15.9905E		
Morne Balai	BAMF	Martinique	14.8157N 61.1483W	670	
Morne-Daniel	MDN	Dominica	15.3185N 61.3923W	99	From 1981-03-16
Morne Jacques	MJM	Martinique	14.7887N 61.0708W	400	
Morne La Croix	CXM	Martinique	14.8113N 61.1685W	1240	
Morne Lapointe	LPMF	Martinique	14.5745N 60.9663W	130	
Morne Lenard	PML	Martinique	14.7810N 61.1838W	370	
Morne Pavillon	PAMF	Martinique	14.6138N 61.0363W	120	
Morne Soldat	MSGF	Guadeloupe	16.0987N 61.7220W	851	
Morne Tabac	SLTA	St Lucia	13.8704N 61.0399W	550	
Morong	MNP	Luzon, Philippines	14.6798N 120.2780E	12	
Morongo Valley	MRVC	California, U.S.A.	34.1558N 116.5020W	1239	From 1978-03-01
Morovis	MOV	Puerto Rico	18.2987N 66.3666W	485	From 1977-02-15 to 1999-08-25
Morocoy	MORO	Venezuela	10.8722N 68.3161W	920	From 1984-01-01
Morro de la Arena	MACI	Canary Islands, Spain	28.2500N 16.5080W	1590	
Morro Solar	PT01	Peru	12.0150S 77.0317W	250	
Morshin	MRSS	Ukraine	49.1330N 23.8940E	262	
Morshin	MORS	Ukraine	49.1330N 23.8940E	262	
Morton Thiokol	MTUT	Utah, U.S.A.	41.7092N 112.4547W	1373	
Moscow	MOS	Moskovskaya Oblast', Russia	55.7383N 37.6250E	121	
Moseley Ranch, Sierra Blanca	324A	Texas, U.S.A.	31.4425N 105.4828W	1441	From 2008-02-23
Mosqueruela	EMOS	Spain	40.3639N 0.4721W	1694	
Moss Hill, Ennis	G16A	Montana, U.S.A.	45.2285N 111.8046W	1769	From 2007-09-24
Mostar	MST	Bosnia-Herzegovina	43.3500N 17.8167E	70	
Mosteiros	SET4	Azores, Portugal	37.8747N 25.7988W	402	From 1998-12-01
Mosul	MSL	Iraq	36.2900N 43.0900E	242	From 1981-07-01
Motegi	MGJ	Tochigi, Japan	36.5535N 140.2167E	140	
Motril	EXMO	Spain	36.7270N 3.5360W	55	
Motta San Giovanni	MTTG	Italy	38.0019N 15.6939E	490	
Motutapu	MTAZ	North Island, New Zealand	36.7881S 174.9100E	60	
Moucha	MCAD	Djibouti	11.7303N 43.2120E	4	From 1994-01-01
Mould Bay	NP-NT	Northwest Territories, Canada	76.2522N 119.3717W	59	
Mould Bay	MBC	Northwest Territories, Canada	76.2417N 119.3600W	15	From 1961-10-18 to 2004-11-10
Moule a Chique	MCLT	St Lucia	13.7096N 60.9412W	220	
Moulis	MLS	Midi-Pyrenees, France	42.9578N 1.0947E	450	
Moumakai	MKAZ	North Island, New Zealand	37.1114S 175.1667E	120	
Mounoet Dainard	MNB	British Columbia, Canada	52.1987N 118.3830W	2271	
Mount Abel	ABL	California, U.S.A.	34.8508N 119.2210W	1981	From 1976-06-01
Mount Adagdak	ADAG	Alaska, U.S.A.	51.9802N 176.6017W	286	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Mount Adams	AMW	North Island,New Zealand	41.3094S 175.7610E	400	
Mount Adams--Stagman Ridge	ASR	Washington,U.S.A.	46.1507N 121.5930W	1280	From 1991-02-11 to 2003-09-09
Mountain Creek	FALL	British Columbia,Canada	53.2780N 132.4601W	391	
Mountain Home	MO-ID	Idaho,U.S.A.	43.0719N 116.2656W	792	From 1966-11-17 to 1967-06-26
Mountain Home	MO-	Idaho,U.S.A.	43.0719N 116.2656W	792	From 1966-11-17 to 1967-06-26
Mountain Pass	MTPC	Nevada,U.S.A.	35.4848N 115.5533W	1582	
Mountain Pine	MP-AR	Arkansas,U.S.A.	34.6017N 93.1458W	183	From 1961-11-20 to 1963-06-03
Mountain Pine	MP-	Arkansas,U.S.A.	34.6017N 93.1458W	183	From 1961-11-20 to 1963-06-03
Mountain View	MVH	Hawaii,U.S.A.	19.5042N 155.0620W	409	
Mount Airy	MANY	New York,U.S.A.	41.2220N 73.8686W	133	
Mount Amassa	ASI	Israel	31.3300N 35.0950E	850	From 1983-08-01 to 1984-10-31
Mount Arapiles	ARPS	Victoria,Australia	36.7699S 141.8383E	213	
Mount Atzmon	ATZ	Israel	32.8216N 35.2697E	510	From 1986-01-01
Mount Bagana	BGA	Bougainville,Papua New Guinea	6.1500S 155.1800E	1000	From 1984-01-01
Mount Baker	MBW	Washington,U.S.A.	48.7840N 121.9000W	1676	From 1972-11-08
Mount Baker	MU-WA	Washington,U.S.A.	48.9167N 121.9103W	732	From 1962-09-26 to 1962-10-05
Mount Baldy Sta	BFSC	California,U.S.A.	34.2388N 117.6585W	1312	
Mount Belmont	BEMT	Montana,U.S.A.	46.7483N 112.3300W	2228	
Mount Berech	MBH	Israel	29.7925N 34.9153E	842	From 1986-06-18 to 2007-06-18
Mount Bingar	MBA	New South Wales,Australia	34.1250S 146.2370E		From 1961-01-01 to 1962-12-31
Mount Brisbane	WMBO	Queensland,Australia	27.1155S 152.5500E	160	From 1977-03-18
Mount Cameroon	MOKC	Cameroon	4.2583N 9.2500E	2040	
Mount Cameroon	MOKC	Cameroon	4.2869N 9.2169E	2475	From 1985-11-23 to 1990-12-31
Mount Carmel	CRI	Israel	32.6820N 35.0450E	450	From 1983-07-01 to 1999-08-25
Mount Cartier	CARB	British Columbia,Canada	50.9000N 118.0530W	2294	
Mount Castle	MCAS	Papua New Guinea	6.3719S 143.4833E	1950	From 1996-08-31
Mount Constitution	MCW	Washington,U.S.A.	48.6797N 122.8320W	693	From 1972-11-08
Mount Cooper	MCPQ	Queensland,Australia	20.5500S 146.8065E	300	From 1984-02-23
Mount Cotopaxi	CPXM	New South Wales,Australia	34.4765S 150.6248E	622	
Mount Darwin	MTD	Zimbabwe	16.7800S 31.5833E	967	From 1971-06-01
Mount Davis	MDA	California,U.S.A.	33.9130N 116.9990W	845	
Mount Denham	MTDJ	Jamaica	18.2261N 77.5345W	925	
Mount Diablo	MDC	California,U.S.A.	37.8817N 121.9140W	1173	From 1967-05-27 to 1974-06-01
Mount Ellis	MEMT	Montana,U.S.A.	45.6040N 110.9697W	1951	From 1987-10-15
Mount Erie	ERW	Washington,U.S.A.	48.4540N 122.6251W	389	
Mount Fremont	FMW	Washington,U.S.A.	46.9317N 121.6720W	1890	From 1972-09-04
Mount Gambier	MGBR	South Australia,Australia	37.7283S 140.5710E	190	
Mount Gilboa	MGI	Israel	32.4391N 35.4117E	300	
Mount Grey	MGB	British Columbia,Canada	49.0000N 124.6920W	1300	From 1983-12-01
Mount Hagen	VMHM	Oregon,U.S.A.	44.1377N 122.4070W	902	
Mount Hamilton	MHC	California,U.S.A.	37.3416N 121.6426W	1250	From 1887-01-01
Mount Hamilton Road	MHR	California,U.S.A.	37.3595N 121.7560W	518	From 1969-03-04
Mount Harif	HRFI	Israel	30.0364N 35.0370E	438	From 2002-05-20
Mount Harkness	LHKM	California,U.S.A.	40.4353N 121.2780W	2060	
Mount Harlan	BMHM	California,U.S.A.	36.6863N 121.4130W	811	From 1975-01-29
Mount Hebo	VHOM	Oregon,U.S.A.	45.2192N 123.7250W	951	
Mount Hebo	HEBO	Oregon,U.S.A.	45.2137N 123.7542W	875	
Mount Hermon	HRI	Israel	33.2660N 35.7340E	1015	From 1983-07-01
Mount Hood Meadows	HOOD	Oregon,U.S.A.	45.3216N 121.6522W	1520	
Mount Hope	RD03	Ontario,Canada	43.1832N 79.9440W	198	
Mount Hope	MHPQ	Queensland,Australia	21.3960S 146.8020E	200	From 1984-04-10
Mount Hope	HOPM	Victoria,Australia	35.9964S 144.2046E	140	
Mount Horn	MHZ	South Island,New Zealand	45.0619S 169.2797E	1127	From 1984-06-06 to 1996-04-30
Mount Humbug	HBMT	Montana,U.S.A.	45.7930N 112.6080W	2481	From 1990-08-08
Mount Ida	MIAR	Arkansas,U.S.A.	34.5457N 93.5730W	207	From 1992-09-23
Mount Ida	MZ-AR	Arkansas,U.S.A.	34.5586N 93.6578W	213	From 1962-12-20 to 1963-01-31
Mount Ida	MZ-	Arkansas,U.S.A.	34.5586N 93.6578W	213	From 1962-12-20 to 1963-01-31
Mount Irish	MTI	Nevada,U.S.A.	37.6758N 115.2759W	1536	From 1979-06-08 to 2002-10-10
Mount Isa	QIS	Queensland,Australia	20.5577S 139.6052E	450	From 1987-06-15
Mount Isa	ISQ	Queensland,Australia	20.7150S 139.5530E	500	From 1979-08-21 to 1987-06-14
Mount John	MJZ	South Island,New Zealand	43.9872S 170.4660E	1000	From 1965-05-29 to 1980-06-25
Mount John Pukaki	MJP	South Island,New Zealand	43.9911S 170.4590E	960	From 1975-06-01 to 1983-11-21
Mount Johnson	BJOM	California,U.S.A.	36.6283N 121.3130W		From 1974-01-31
Mount Konoctai	GMKM	California,U.S.A.	38.9695N 122.7870W	906	From 1975-04-18
Mount Lassen	LAS	California,U.S.A.	40.4752N 121.5080W	2650	From 1973-10-01 to 1974-07-16
Mount Lazard	LZB	British Columbia,Canada	48.6117N 123.8236W	844	
Mount Lewis	CMLM	California,U.S.A.	37.4773N 121.6510W	1076	
Mount Malkishua	MML	Israel	32.4351N 35.4133E	510	From 1986-05-01 to 2001-07-18
Mount Malkishua	MMLI	Israel	32.4379N 35.4216E	511	
Mount Mary	MMP	South Island,New Zealand	44.1425S 170.2780E	950	From 1975-06-01 to 1983-11-21
Mount Meron	MMR	Israel	32.9900N 35.4200E	1108	From 1991-05-01
Mount Meron	MRNI	Israel	33.0120N 35.3920E	900	
Mount Meron	MNRI	Israel	33.0100N 35.3870E	900	
Mount Meron array	MMA1	Israel	33.0305N 35.4037E	827	From 2004-01-01
Mount Meron array	MMA0	Israel	33.0152N 35.4031E	810	From 2004-01-01
Mount Meron array	MMA2	Israel	33.0125N 35.4057E	776	From 2004-01-01
Mount Meron array	MMA3	Israel	33.0121N 35.4006E	792	From 2004-01-01
Mount Meron array	MMA4	Israel	33.0146N 35.3975E	851	From 2004-01-01
Mount Meron array	MMB1	Israel	33.0151N 35.4108E	733	From 2004-01-01
Mount Meron array	MMB2	Israel	33.0097N 35.3953E	878	From 2004-01-01
Mount Meron array	MMB3	Israel	33.0195N 35.3971E	812	From 2004-01-01
Mount Meron array	MMB4	Israel	33.0208N 35.4020E	806	From 2004-01-01
Mount Meron array	MMC2	Israel	33.0268N 35.4116E	701	From 2004-01-01
Mount Meron array	MMC3	Israel	33.0183N 35.4138E	713	From 2004-01-01
Mount Meron array	MMC4	Israel	33.0072N 35.4186E	750	From 2004-01-01
Mount Meron array	MMC5	Israel	33.0087N 35.4127E	766	From 2004-01-01
Mount Meron array	MMC6	Israel	33.0120N 35.3915E	893	From 2004-01-01
Mount Meron array	MMC7	Israel	33.0221N 35.3926E	816	From 2004-01-01
Mount Meron array	MMA0B	Israel	33.0153N 35.4031E	809	From 2004-01-01
Mount Meron array	MMA1	Israel	33.0181N 35.4062E	776	From 2004-01-01
Mount Meron Array Beam Reference Point	MMAI	Israel	33.0153N 35.4031E	809	From 2004-01-01
Mount Michael	MMCZ	South Island,New Zealand	45.0036S 169.1313E	1163	From 1990-03-01 to 1996-04-30
Mount Mitchell	MTMW	Washington,U.S.A.	46.0255N 122.2120W	1121	
Mount Mocho	CMMM	California,U.S.A.	37.4557N 121.4940W	1117	
Mount Montar	MOI	Israel	31.7350N 35.3491E	140	
Mount Morgan	MORG	Queensland,Australia	23.7626S 150.3901E	170	
Mount Moriah Church	MMCS	South Carolina,U.S.A.	34.7798N 82.9152W	280	
Mount Morrison	MTW	North Island,New Zealand	41.1594S 175.5020E	282	From 1979-06-29
Mount Natib	NBP	Luzon,Philippines	14.7420N 120.4160E	585	
Mount Nelson	NELS	Tasmania,Australia	42.9271S 147.3326E	348	
Mount Ogden	MOU	Utah,U.S.A.	41.1849N 111.8790W	2743	From 1980-09-01
Mount Olympus	OLYC	California,U.S.A.	33.4313N 117.1180W	482	
Mount Oso	COSM	California,U.S.A.	37.5085N 121.3740W	1020	
Mount Ozzard	OZB	British Columbia,Canada	48.9603N 125.4930W	671	
Mount Pasian	MPP	Mindanao,Philippines	7.8972N 126.0180E	1130	From 1975-09-01 to 1980-01-17
Mount Pierce	KMPM	California,U.S.A.	40.4173N 124.1200W	957	
Mount Pinos, Frazier Park	MPI	California	34.8126N 119.1453W	2673	From 2000-11-01
Mount Rainier--Camp Muir	RCM	Washington,U.S.A.	46.8358N 121.7318W	3085	
Mount Rainier--Camp Schurman	RCS	Washington,U.S.A.	46.8710N 121.7310W	2877	From 1989-06-27
Mount Rainier--Emerald Ridge	REMR	Washington,U.S.A.	46.8192N 121.8409W	1756	From 1989-07-12
Mount Rainier--Summit	RSU	Washington,U.S.A.	46.8533N 121.7631W	4440	
Mount Rainier--Voight Creek	RVC	Washington,U.S.A.	46.9429N 121.9710W	1000	
Mount Ramon	RMNI	Israel	30.5964N 34.7620E	853	
Mount Ramon	RMN	Israel	30.4970N 34.6270E	1000	
Mount Read	MTRD	Tasmania,Australia	41.8464S 145.5436E	1080	
Mount Saint Catherine	GRW	Grenada	12.1600N 61.6610W	762	From 1978-04-09
Mount Saint Helena	SHC	California,U.S.A.	38.6703N 122.6340W	1200	From 1973-12-07 to 1977-01-20
Mount Saint Helena	NMHM	California,U.S.A.	38.6695N 122.6340W	1331	From 1977-01-20
Mount Saint Helens	SHW	Washington,U.S.A.	46.1925N 122.2370W	1423	From 1972-10-25
Mount Saint Helens Crater	VALT	Washington	46.2412N 122.1893W	1681	From 2006-09-23
Mount San Antonio	MSA	New Mexico,U.S.A.	36.8592N 106.0180W	3322	From 1975-10-09
Mount Santo Tomas	MSP	Luzon,Philippines	16.3333N 120.5667E	2000	From 1975-10-01
Mount Sar Shalom	MSM	Israel	33.0610N 35.2790E	500	From 1983-03-19 to 1983-07-14
Mount Sheppard	MTSH	North Carolina,U.S.A.	35.7556N 79.9528W	361	
Mount Sheridan	YMS	Wyoming,U.S.A.	44.2640N 110.5278W	3106	
Mount Signal	SGL	California,U.S.A.	32.6492N 115.7250W	110	From 1973-04-16
Mount Sodom	SDOM	Israel	31.0800N 35.3900E	-200	
Mount Spurr	SFU	Alaska,U.S.A.	61.1817N 152.0540W	800	From 1971-08-10
Mount St. Helen	MSH31	Washington	46.3085N 119.3380W	117	From 2005-08-14

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Mount St. Helen	MSH11	Washington,U.S.A.	46.2078N 119.0377W	97	From 2004-10-28
Mount St. Helen	MSH21	Washington,U.S.A.	46.3079N 122.2660W	1040	From 2004-10-30
Mount Surprise	MTSU	Queensland,Australia	18.1342S 144.3168E	460	From 2002-11-06
Mount Tamalpais	NTPM	California,U.S.A.	37.9200N 122.5630W	274	
Mount Tarawera	TARZ	North Island	38.2356S 176.5059E	1071	From 2007-11-22
Mount Tassie	MTV	Victoria,Australia	38.4017S 146.5660E	740	
Mount Tassie Tower	MTLM	Victoria,Australia	38.4015S 146.5642E	755	
Mount Taylor	MTL	New Mexico,U.S.A.	35.2519N 107.5960W	3335	From 1975-10-15
Mount Thompson	THOB	British Columbia,Canada	52.6900N 119.1220W	2499	From 1972-10-15 to 1999-08-25
Mount Tsukuba	MTJ	Ibaraki,Japan	36.2108N 140.1100E	286	From 1921-01-01
Mount Umunhum	JUMM	California,U.S.A.	37.1608N 121.8980W	1048	
Mount Union College	MUCO	Ohio,U.S.A.	40.9050N 81.1090W	365	
Mount Varzin	EVZ	New Britain,Papua New Guinea	4.3960S 152.1550E	597	
Mount Wilson	MWC	California,U.S.A.	34.2238N 118.0580W	1730	From 1928-04-23
Mount Yahel	MYI	Israel	31.1990N 35.2160E	500	
Mount Yoash	YASH	Israel	29.5850N 34.8810E	718	
Mount Zion Church	ZIN	South Carolina,U.S.A.	33.1072N 80.1628W	30	From 1977-10-23
Moutere Station	MSCZ	South Island,New Zealand	45.0931S 169.4117E	701	From 1986-12-01 to 1996-04-30
Mouthoumet	MTHF	Languedoc-Roussillon,France	42.9386N 2.5339E	620	From 1989-01-01
Moxa	MOX	Thuringen,Germany	50.6447N 11.6156E	455	
Moxie City	MXC	Washington,U.S.A.	46.5772N 120.2930W	540	
Moye	OG06	Rhone-Alpes,France	45.8810N 5.8902E	650	From 1992-04-14
Moyogalpa	MOYN	Nicaragua	11.5357N 85.6958W	50	
Moyori	MYR	Tokachi,Japan	42.2918N 143.2837E	80	From 1971-11-03
Moyuta	MYT	Guatemala	14.0472N 90.0642W	1325	From 1983-10-01
Mozaanca	MOZS	Slovenia	46.2941N 14.4433E	660	From 2005-07-07
Mtatsminda	MTA	Georgia	41.6939N 44.7925E	515	From 2004-01-01
Mt Baker	MU-	Washington,U.S.A.	48.9167N 121.9103W	732	From 1962-09-26 to 1962-10-05
Mt Berech	MBRI	Israel	29.7942N 34.9140E	850	From 2007-06-19
Mt. Cagua	MGCP	Luzon,Philippines	18.2420N 122.0460E	50	
Mte Cammarata	MCT	Sicily,Italy	37.6311N 13.6336E	1565	
Mte del Estrado	MEP	Puerto Rico	18.1458N 66.9811W	880	From 1990-07-01 to 1999-08-25
M.te Sabotino	SABO	Italy	45.9800N 13.6000E	600	
Mte Sant'Angelo	FG3	Italy	41.7074N 15.9494E	858	
Mte Valcellina	RCL	Italy	46.1600N 12.6533E	548	From 1977-08-03 to 1995-11-10
Mte Valcellina	RE1	Italy	46.1600N 12.6533E	548	From 1977-08-03 to 1995-11-10
Mt Hamilton Road	CMHM	California,U.S.A.	37.3595N 121.7560W	518	From 1969-03-04
Mt Hamilton Road	NHMM	California,U.S.A.	38.1547N 121.8003W		From 1969-03-04
Mt Hamilton Road	CB10	California,U.S.A.	37.3595N 121.7560W	518	From 1969-03-04
Mt. Morris Dam	MMNY	New York,U.S.A.	42.7319N 77.9066W	241	From 2008-05-01
Mt Rat	MRAT	South Australia	34.6300S 137.6254E	120	From 2007-02-01
Mts of Mourne	GMM	Northern Ireland,United Kingdom	54.2390N 5.9510W	140	From 1989-01-01
Mt St Catherine	MCG	Grenada	12.1600N 61.6610W	762	From 1977-07-01 to 1978-07-01
Mt Trumbull	U14A	Arizona,U.S.A.	36.4182N 113.1805W	1916	From 2007-02-18
Mt Valcellina	MRVI	Italy	46.1600N 12.6533E	548	From 1977-08-03 to 1999-08-25
Mucha	TWA	Taiwan region	24.9803N 121.5837E	260	From 1972-08-29
Mudanjiang	MDJ	Jilin,China	44.6164N 129.5920E	250	
Mudanya-Bursa	MDNY	Turkey	40.3690N 28.8840E	110	From 2008-07-09
Mudaysisat	MDSJ	Jordan	31.6320N 36.2520E	970	From 1985-12-20
Mud Lake	MUDI	Idaho,U.S.A.	43.6189N 111.0770W	2124	From 1986-01-01 to 2005-03-26
Muduarah	MDRJ	Jordan	29.4420N 35.8200E	900	From 1990-04-26
Muduarah	MUDJ	Jordan	29.4420N 35.8200E	900	
Mudurnu	MDUB	Turkey	40.4711N 31.1976E	1108	From 2008-05-22
Mudurnu	MDU	Turkey	40.4653N 31.2145E	740	From 1995-12-21 to 2008-05-22
Mudurnu	MUT	Turkey	40.4647N 31.2119E	960	From 1979-01-01 to 1999-08-25
Mud Volcano	MVW	Wyoming,U.S.A.	44.6225N 110.4420W	2415	From 1972-10-01
Muggio	MUGIO	Switzerland	45.9219N 9.0417E	830	
Muharrag	BMU	Bahrain	26.2350N 50.6600E		
Muhayil	MOHS	Saudi Arabia	18.5761N 42.0190E	520	
Muirshiel	PMSU	Scotland,United Kingdom	55.8459N 4.7452W	351	From 1990-01-01 to 1991-01-01
Mukerian	MUK	Punjab,India	31.9500N 75.6167E		
Mula	EXMU	Spain	38.0390N 1.4940W	340	
Muleshoe	MSTX	Texas,U.S.A.	33.9696N 102.7724W	1167	From 2008-04-23
Mulino	G04A	Oregon,U.S.A.	45.2059N 122.4784W	272	From 2005-11-09
Mullan	MUL	Idaho,U.S.A.	47.4617N 115.7820W	1300	From 1968-01-01
Mull of Kintyre	GMK	Scotland,United Kingdom	55.3459N 5.5936W	160	From 1989-01-01
Mulungwishi	MLN	Congo (Kinshasa)	10.7833S 26.6250E	1200	From 1970-11-30 to 1976-12-31
Mummy Mountain	MMA	Arizona,U.S.A.	33.5544N 111.9580W	426	From 1971-05-17 to 1973-01-18
Munchique	MUNC	Colombia	2.4693N 76.9569W	3007	From 1994-01-01
Muncho Lake	MUB	British Columbia,Canada	58.9550N 125.7570W	1100	
Mundaring	MUN	Western Australia,Australia	31.9783S 116.2080E	253	From 1959-07-31 to 2008-04-21
Mungyeong	KSMGY	South Korea	36.6552N 128.0608E	209	From 2006-12-30
Mungyeong	KSMUG	South Korea	36.6213N 128.1506E	170	From 2000-02-23 to 2006-12-30
Munich	MNH	Bayern,Germany	48.1500N 11.6000E	528	From 1905-01-01 to 1943-12-31
Munster	MWG	Nordrhein-Westfalen,Germany	51.9627N 7.6241E	58	
Muntele Rosu	MLR	Romania	45.4909N 25.9450E	1360	
Muotathal	MUO	Switzerland	46.9678N 8.6371E	1920	
Murafatepe	MRFT	Turkey	40.5036N 33.4547E	1500	From 1992-01-01 to 1992-07-31
Murefte	MFT	Turkey	40.7867N 27.2812E	924	From 1978-10-01
Murgab	MUR	Tajikistan	38.3667N 73.9333E	3860	
Muro Lucano	MRLC	Italy	40.7564N 15.4889E	605	
Muroran	MRR	Iburi,Japan	42.3100N 140.9817E	43	From 1923-06-01
Muroran 2	MRRJ	Iburi,Japan	42.4250N 141.0720E	-15	
Murotomisaki	MRT	Kochi,Japan	33.2483N 134.1800E	186	
Muroto Misaki	MRMJ	Kochi,Japan	33.2444N 134.1805E	10	From 1995-05-31
Murotomisaki 2	MRT2	Kochi,Japan	33.3863N 134.1432E	200	From 1994-01-27
Murphy	MYNC	North Carolina,U.S.A.	35.0739N 84.1279W	550	
Murphy Dome	MDM	Alaska,U.S.A.	64.9588N 148.2300W	634	From 1990-02-16
Murphy's Point	MPPO	Ontario,Canada	44.7700N 76.2648W	143	
Murrieta	MURC	California	33.6000N 117.2000W	562	From 2005-10-12
Murzuk	LUMB	Libya	26.1382N 14.7520E	474	
Musan	KSMUS	South Korea	37.8881N 126.7594E	40	From 2002-10-19
Mushullacta	MUSH	Ecuador	1.7147S 77.8392W	1010	From 1995-10-06
Musihges	OG34	Rhone-Alpes	46.0113N 5.9600E	445	From 2002-08-06
Muskinabad	MUS	Tajikistan	38.6833N 69.6000E		
Musomiste	MMB	Bulgaria	41.5892N 23.7278E	606	From 1983-08-01
Musselwhite Mine	MUMO	Ontario,Canada	52.6128N 90.3914W	316	
Musuan	BUKP	Mindanao,Philippines	7.8790N 125.0620E	471	
Mutare	MUZ	Zimbabwe	18.9950S 32.6267E	0	
Mutkov	MUTC	Czech Republic	49.7990N 17.2837E	614	
Mutribah	MIB	Kuwait	29.8032N 47.3388E	125	
Myers Farm, Uniontown	E10A	Washington,U.S.A.	46.4850N 117.1102W	903	From 2006-09-28 to 2008-06-20
Myklebust	N2B2	Norway	61.7210N 5.1780E	25	
Myndd Eilian	WME	Wales,United Kingdom	53.3966N 4.3034W	130	From 1985-01-01
Myokensan	MYO	Osaka,Japan	34.9254N 135.4705E	640	
Myponga	MYP	South Australia	35.4436S 138.4162E	150	From 2006-04-01
Myrviken	MYV	Sweden	62.9417N 14.3467E	345	From 1981-12-15
Mys Kozlova	MKZ	Kamchatskaya Oblast',Russia	54.5561N 161.7300E		
Mys Shipunski	SPN	Kamchatskaya Oblast',Russia	53.0980N 160.0230E	170	
Mzuzu	MZM	Malawi	11.4333S 34.0167E		
N23	N23	Nevada,U.S.A.	37.3013N 116.6160W	1838	
Naalehu	NAA	Hawaii,U.S.A.	19.0633N 155.5870W	205	From 1958-01-01 to 1969-01-01
Nabeyama	NABD	Kagoshima,Japan	31.4875N 130.7753E	340	
Nabire	NABI	Irian Jaya,Indonesia	3.3269S 135.2403E	0	
Naboro	NAF	Fiji	18.1203S 178.3008E	183	From 1979-10-01 to 1983-04-30
Naches	NAC	Washington,U.S.A.	46.7344N 120.8260W	738	
Nacogdoches	NATX	Texas,U.S.A.	31.7598N 94.6610W	168	
Naden	NDB	British Columbia,Canada	53.9550N 132.9420W	686	
Nadi	NDF	Fiji	17.7569S 177.4500E	30	From 1971-08-05
Nadzab	NADZ	Papua New Guinea	6.5778S 146.7130E	65	
Naegeli Ranch, Trout Creek	C12B	Montana,U.S.A.	47.7092N 115.4750W	801	From 2007-08-27
NAFPAKTOS	NFP	Greece	38.4170N 21.8590E	280	From 2006-01-06
Nagahama	JNA	Ehime,Japan	33.5572N 132.4787E	230	
Nagai Island	NAGA	Alaska,U.S.A.	54.9783N 160.1383W	305	From 1996-07-01
Nagai Island	NGI	Alaska,U.S.A.	55.0393N 160.0692W	240	
Nagano	NGN	Nagano,Japan	36.6600N 138.1950E	419	
Nagara	JCN	Chiba,Japan	35.4183N 140.2017E	40	
Nagasaki	NGS	Nagasaki,Japan	32.7317N 129.8700E	24	
Nagasakinomozaki	NGSJ	Nagasaki,Japan	32.6327N 129.7987E	20	From 1992-04-25

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Nagatsuro	NGT	Shizuoka,Japan	34.6000N	138.8470E	55	
Na-gawa	NGJ	Nagano,Japan	36.1330N	137.7208E	858	
Nageezi	U21A	New Mexico,U.S.A.	36.4277N	107.6578W	2124	From 2008-05-23
Nago	NGO	Ryukyu Islands,Japan	26.5950N	127.9730E	7	From 1974-07-01
Nago	NGO1	Ryukyu Islands,Japan	26.5900N	127.9683E	6	From 1987-07-01
Nago	NAGO	Ryukyu Islands,Japan	26.0000N	128.1000E		
Nagoya	NAG	Aichi,Japan	35.1650N	136.9680E	56	
Nagpur	NGP	Maharashtra,India	21.1500N	79.0500E	311	
Nagutskaya	NAGR	Stavropol'skiy Kray,Russia	44.4472N	42.7614E	580	
Naha	NAH	Ryukyu Islands,Japan	26.2167N	127.6833E	11	
Naha	NAH1	Ryukyu Islands,Japan	26.2033N	127.6900E	21	From 1987-02-01
Nahal Hemdat	HMDT	Israel	32.2530N	35.5260E	151	From 1991-05-01
Na'in	NASN	Iran	32.7990N	52.8080E	2800	From 1998-03-28
Nairobi	NAI	Kenya	1.2739S	36.8037E	1692	From 1963-06-14
Nairobi	NAKO	Kenya	1.2739S	36.8037E	1692	
Najran	NAJS	Saudi Arabia	17.5034N	44.2847E	1310	
Nakaizu	JIZ	Yamanashi,Japan	34.9129N	138.9968E	263	
Na'kalak'ari	NKK	Georgia	41.9300N	45.0200E	1000	
Nakama	JJN	Niigata,Japan	37.1030N	138.1630E	140	
Nakano	NNJ	Nagano,Japan	36.7486N	138.3850E	420	From 1968-07-01 to 1973-03-31
Nakanohara	NKR	Hiroshima,Japan	34.9419N	132.8240E	391	From 1970-12-18
Nakanosawa	NSW	Nagano,Japan	36.4006N	138.5697E	1381	
Nakanoshima	JNN	Ryukyu Islands,Japan	29.8412N	129.8747E	240	
Nakash	JNK	Nemuro,Japan	43.5853N	144.7190E	220	
Nakatsue	JNU	Oita,Japan	33.1217N	130.8783E	540	
Nakayama Pass	NKS	Shiribeshi,Japan	42.8295N	141.0160E	420	From 1977-11-10 to 1978-08-20
Nake	NKE	Ryukyu Islands,Japan	28.3833N	129.5000E		
Nake (Tuamotu)	NAE	Tuamotu,French Polynesia	18.4236S	140.6690W	2	From 1976-01-01
Nakhchivan	NAX	Azerbaijan	39.1740N	45.4950E	927	From 2003-08-01
Nakhl	NMKL	Egypt	29.9293N	33.9804E	438	
Nakla	NKM	Morocco	35.4481N	5.4100W	158	From 1973-10-01
Nakhon Sawan	NST	Thailand	15.6727N	100.1330E	34	From 1982-09-01
Nakina Ontario	NANO	Ontario	50.3543N	86.9684W	309	From 2005-08-04
Nalgonda	NLG	Andhra Pradesh,India	17.0669N	79.2672E	220	From 1974-04-01
Nailhan	NAL	Turkey	40.2094N	31.3092E	1390	From 1991-01-01 to 1998-09-30
Nalytchevo	NLC	Kamchatskaya Oblast',Russia	53.1711N	159.3450E	20	
Namangan	NAM	Uzbekistan	40.9833N	71.6667E	419	
Namatanaï	NAMA	Papua New Guinea	3.6653S	152.4416E	5	From 1997-10-24
Namlea	NLAI	Ambon	3.2390S	127.0998E	0	From 2007-12-01
Namosi	NMS	Fiji	18.0842S	178.1650E	534	From 1979-10-01
Nampula	NPA	Mozambique	15.0875S	39.2533E	374	From 1974-02-10
Namsos	NSS	Norway	64.5300N	11.9670E	102	From 1987-02-01
Namwon	NSNAW	South Korea	35.4014N	127.3344E	89	From 2000-02-07
Nan	NANT	Thailand	18.8000N	100.7000E	264	From 1995-06-01
Nana	NNA	Peru	11.9873S	76.8422W	575	
Nanahuazin	NANS	El Salvador	13.7150N	89.5092W	1160	
Nanaimo	NAB	British Columbia,Canada	49.2225N	124.0040W	256	From 1982-03-23 to 2004-04-03
Nanaimo Lost Lake,BC	NLLB	British Columbia,Canada	49.2274N	123.9881W	192	From 2003-12-30
Nanau	ENA	Taiwan region	24.4280N	121.7410E	113	
Nango	JANG	Aomori,Japan	40.3735N	141.5152E	270	
Nanjing	NJ2	Jiangsu,China	32.0517N	118.8540E	45	
Nanjing	NJI	Jiangsu,China	32.0633N	118.7830E	10	
Nanjing	NAN	Jiangsu,China	32.0633N	118.7830E	10	
Nanjiang	NSTT	Taiwan region	24.6310N	121.0010E	164	
Nankipoo	NKT	Tennessee,U.S.A.	35.8500N	89.5540W	153	From 1974-06-26 to 1992-02-29
Nanoose	GHNB	British Columbia	49.3065N	124.2364W	5	From 2004-11-22
Nan Shan	NNS	Taiwan region	24.4400N	121.3730E	1140	
Nanshi	CHN1	Taiwan region	23.1850N	120.5280E	360	
Nantucket	NMA	Massachusetts,U.S.A.	41.2947N	70.0261W	3	
Nanutarra	NAU	Western Australia,Australia	22.5442S	115.5000E	80	From 1980-04-19 to 1987-10-21
Nanutarra	NANU	Western Australia,Australia	22.5619S	115.5290E	80	From 1987-10-22 to 1995-02-28
Napay	NAP	Uzbekistan	41.7167N	70.1167E		
Napfberg	NAPF	Bayern,Germany	49.8887N	12.0517E	695	
Napier	NPR	North Island,New Zealand	39.5000S	176.9170E	10	From 1953-01-01 to 1955-12-31
Naples	NPL	Italy	40.8467N	14.2578E	7	
Napperby	NAPP	South Australia,Australia	33.1840S	138.1450E	120	
Nara	NAR	Nara,Japan	34.6917N	135.8317E	105	
Naramoto	NRME	Shizuoka,Japan	34.8266N	139.0645E	200	
Nardaran	NDR	Azerbaijan	40.5810N	49.9870E	41	From 2003-08-01
Nariel	NARM	New South Wales,Australia	36.4302S	147.8448E	550	
Narlikuyu	NART	Turkey	36.4510N	34.1030E	100	From 1993-01-01
Naroch'	NE53	Belarus	54.9040N	26.7930E	189	From 1989-10-01
Narrogin	NWA	Western Australia,Australia	32.9270S	117.2340E	365	From 1976-02-13 to 2006-05-29
Narrogin (SRO)	NWAO	Western Australia,Australia	32.9270S	117.2340E	265	From 1976-02-13
Narrow River	NWR	Idaho,U.S.A.	42.0987N	113.4367W	1646	
Narrows	NAV	Virginia,U.S.A.	37.3167N	80.7931W	610	From 1968-01-01 to 2004-09-30
Narsarsuaq	NRS	Greenland	61.1595N	45.4188W	65	
Naryn	NRN	Kyrgyzstan	41.4333N	76.0000E	2849	
Nasa	NAS1	Ecuador	0.6335S	78.4775W	3880	From 1993-11-24
Nasa	NAS2	Ecuador	0.6453S	78.4683W	4022	From 2007-08-15
Nasa Cotopaxi	NCE	Ecuador	0.6611S	78.4972W	3821	From 1977-01-01 to 1982-12-31
Nasa Mountain	NMN	Nevada,U.S.A.	37.0808N	116.8181W	1500	From 1978-11-28
Nasaqa	NAS	Fiji	16.5367S	179.2967E	85	From 1964-01-01 to 1969-12-31
Nasudden	NSD	Sweden	65.1955N	18.8235E		From 1991-01-01
Natal	NAT	Rio Grande do Norte,Brazil	5.8678S	35.2845W	50	
Natashquan Quebec	NATG	Gulf of St. Lawrence	50.2872N	62.8102W	-1	From 2005-11-26
Natchez Trace	NATN	Tennessee,U.S.A.	35.8560N	88.2400W	198	From 1985-03-27 to 1987-05-06
Natchez Trace	NAIN	Tennessee,U.S.A.	35.8560N	88.2400W	198	
Nathian	NTP	Pakistan	34.3272N	72.3858E	686	
National Central University	NCU	Taiwan region	24.9700N	121.1870E	134	
National Guard	NGH	Hawaii,U.S.A.	19.7020N	155.0290W	18	
National Taiwan Ocean University, Keelung City	TNOU	Taiwan region	25.1500N	121.7730E	50	From 1999-08-04
Natividade	NATB	Brazil	21.0550S	42.0040W		
Natroun	HNAT	Egypt	29.6329N	30.6172E	270	
Nattai	NATM	New South Wales,Australia	34.2061S	150.4267E	632	
Natural Bridge	YNB	Wyoming,U.S.A.	44.5245N	110.4590W	2390	
Natural Resources Authority	JSOJ	Jordan	31.9570N	35.8460E	926	
Naumai	NMHZ	North Island	39.0988S	176.8063E	864	From 2008-04-07
Nausori Highlands	NHF	Fiji	17.8083S	177.5967E	518	From 1964-01-01 to 1969-12-31
Navajo Lake, Ignacio	T21A	Colorado,U.S.A.	36.9914N	107.5342W	2006	From 2008-05-24
Navajo Res., Navajo Mountain	T17A	Arizona,U.S.A.	36.9969N	110.8041W	1876	From 2007-07-30
Navarro Ridge	GNAM	California,U.S.A.	39.1975N	123.6310W	344	
Navidad	NAVD	Valparaiso,Chile	33.9508S	71.8328W	16	
Naxcivan	NAK	Azerbaijan	39.2050N	45.4150E	887	From 1951-01-01
Naze	NZJ	Ryukyu Islands,Japan	28.3767N	129.4980E	4	From 1973-04-01
Nazlini	NL-AZ	Arizona,U.S.A.	35.9014N	109.5694W	1768	From 1964-03-31 to 1965-01-25
Nazlini	NL-	Arizona,U.S.A.	35.9014N	109.5694W	1768	From 1964-03-31 to 1965-01-25
Nazlini	NL2AZ	Arizona,U.S.A.	35.8069N	109.6286W	1920	
Nazlini	NL2	Arizona,U.S.A.	35.8069N	109.6290W	1920	From 1965-02-10 to 1965-10-04
Nazwa, Dubai	NAZ	United Arab Emirates	24.9884N	55.6618E	199	From 2006-05-24
Neah Bay	NBW	Washington,U.S.A.	48.4000N	124.7000W		
Neapolis	NPS	Crete,Greece	35.2625N	25.6125E	370	From 1973-07-01
Near Bada	BODY	Saudi Arabia	28.3560N	35.1320E		
Near Lassiter	DY5	Tennessee,U.S.A.	36.3247N	89.3621W	134	From 1970-01-01 to 1972-12-31
Near Potsdam	CHIP	New York,U.S.A.	44.7980N	75.1950W	97	
Near Sharaf	MATS	Saudi Arabia	28.7140N	35.0800E		
Nebitdag	NBD	Turkmenistan	39.5100N	54.3830E	15	From 1993-07-01 to 1999-08-25
Nectar Brook	NBK	South Australia,Australia	32.7010S	137.9830E	180	
Nedlands	NDA	Western Australia,Australia	31.9750S	115.8170E	8	
Needles	ND-CL	California,U.S.A.	34.5992N	115.5514W	366	From 1963-04-17 to 1963-06-07
Needles	ND-	California,U.S.A.	34.5992N	115.5514W	366	From 1963-04-17 to 1963-06-07
Needles	NEE	California,U.S.A.	34.8248N	114.5994W	139	From 1993-04-16
Needles Airport, Needles	NEE2	California	34.7676N	114.6188W	271	From 2006-07-27
Negara	NBBI	Bali,Indonesia	8.3700S	114.6200E	0	
Negi	NEGI	Italy	43.8477N	7.7038E	640	From 1996-03-01
Neginohata	NGHE	Shizuoka,Japan	34.8122N	138.8281E	160	
Negril	NEJ	Jamaica	18.2510N	78.3300W	200	From 2002-04-17
Neicheng	TWE	Taiwan region	24.7211N	121.6670E	20	From 1975-07-18
Neifu	TWZ	Taiwan region	25.0970N	121.5790E	280	From 1975-01-18 to 1983-11-11

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Neilton Lookout	NLWA	Washington,U.S.A.	47.3917N	123.8691W	640	
Neipperg	NEI	Baden-Wurtemberg,Germany	49.1083N	9.0417E	268	
Nelchina	NCA	Alaska,U.S.A.	61.9937N	146.8240W	741	From 1986-07-17
Nelson	NEN	Nevada,U.S.A.	35.6495N	114.8433W	1326	
Nelson	NNZ	South Island,New Zealand	41.2188S	173.3794E	145	From 2003-08-12
Nelson	NEL	Nevada,U.S.A.	35.7122N	114.8433W	999	From 1963-10-01 to 1981-12-31
Nelson	V12A	Nevada,U.S.A.	35.7266N	114.8511W	1098	From 2006-06-19
Nelson Butte	NLW	Washington,U.S.A.	48.0783N	120.3380W	1490	From 1985-05-01
Nelyaty	NLY	Buryatiya,Russia	56.5036N	115.7022E	596	From 1979-04-01 to 2001-11-28
Nelyaty	NLYR	Chilinskaya Oblast',Russia	56.4911N	115.7031E	596	
Nemaska	NEMQ	Quebec,Canada	51.6837N	76.2576W	197	From 2007-08-27
Nemuro	NEM	Nemuro,Japan	43.3283N	145.5900E	26	
Nemuro 2	NEM2	Nemuro,Japan	43.3650N	145.7430E	16	From 1992-12-16
Nemuro--Hokkaido University	NMR	Nemuro,Japan	43.3695N	145.7280E	20	
Nenana	NEA	Alaska,U.S.A.	64.5772N	149.0770W	364	From 1971-10-01
Neochorion	VNE	Greece	39.3119N	23.2322E	692	From 1982-10-01
Neokhori	NEO	Greece	39.3067N	23.2235E	500	From 1988-01-01
Nerja	ANER	Spain	36.7623N	3.8453W	170	
Nerungri	NRGR	Sakha,Russia	56.6570N	124.7230E	840	From 2001-11-01
Neskantaga (Lansdowne House)First Nations Ontario	NSKO	Ontario	52.1965N	87.9305W	241	From 2005-07-29
Nestorio	NEST	Greece	40.4147N	21.0489E	1056	From 2008-06-30
Neuchatel	NEU	Switzerland	46.9973N	6.9573E	487	From 1911-01-01 to 1999-08-25
Neuchatel	NEC	Switzerland	47.0063N	6.9487E	600	From 1980-06-01
Neuenburg	NEUB	Sachsen-Anhalt,Germany	51.2083N	11.7752E	200	From 2003-08-21
Neuhaus	RNHA	Bayern	47.8060N	12.8190E	855	From 2001-05-22
Neumayer	VNA	Dronning Maud Land,Antarctica	70.5997S	8.3622W	40	
Neumayer Olymp	VNA3	Dronning Maud Land,Antarctica	71.2428S	9.6687W	480	
Neumayer--Station	VNA1	Dronning Maud Land,Antarctica	70.6503S	8.2624W	40	From 1992-03-01
Neumayer--Watzmann	VNA2	Dronning Maud Land,Antarctica	70.9252S	7.3927W	350	
Nevada Test Site	NT2NV	Nevada,U.S.A.	37.2533N	116.2858W	2185	
Nevada Test Site	NT-NV	Nevada,U.S.A.	37.2758N	116.4183W	1987	
Nevada Test Site Array	NTA	Nevada,U.S.A.	37.2783N	116.4370W	1996	
Nevado Cumbal	CUMC	Colombia	0.9607N	77.8723W	3950	From 1989-01-01
Nevis Range	KNR1	Scotland,United Kingdom	56.8219N	4.9714W	1147	From 1991-01-01
Nevrokopi	NVR	Greece	41.3500N	23.8619E	595	From 1997-01-01
NEVSHA	NEF	Bulgaria	43.2643N	27.2752E	350	From 2007-06-01
New Abbey	BNA	Scotland,United Kingdom	54.9658N	3.6242W	28	
New Alisa	ANAL	Egypt	23.4100N	32.6780E	230	
Newall Road	NWEZ	North Island,New Zealand	39.2750S	173.8667E	230	
New Almaden Mine	JNAM	California,U.S.A.	37.1770N	121.8450W	512	
Newark	NED	Delaware,U.S.A.	39.7042N	75.7047W	47	From 1970-11-19
Newberry Crater	NCOR	Oregon,U.S.A.	43.7040N	121.1380W	1908	From 1987-09-01
Newcastle	NWL	Natal,South Africa	27.7207S	29.9532E	1332	
Newcastle	P21A	Colorado,U.S.A.	39.5240N	107.4493W	2097	From 2007-12-12
New Castle	NCJ	Jamaica	18.0750N	76.7190W	1142	
Newcastle Ridge	NCRB	British Columbia,Canada	50.4035N	126.0533W	1293	
Newcomb	NCB	New York,U.S.A.	43.9708N	74.2236W	500	
Newcomb	U20A	New Mexico,U.S.A.	36.3758N	108.5204W	1682	From 2008-02-19
Newdale	I16A	Idaho,U.S.A.	43.8756N	111.4868W	1744	From 2007-08-15
New Delhi	NDI	Delhi,India	28.6833N	77.2167E	230	From 1960-10-01
New Goldendale	GL2	Washington,U.S.A.	45.9597N	120.8230W	1000	
New Haven	NHC	Connecticut,U.S.A.	41.3167N	72.9000W	11	From 1925-01-01 to 1999-08-25
New Haven	NHIL	Illinois,U.S.A.	37.9269N	88.1708W	134	
New Hogan Reservoir	MNHM	California,U.S.A.	38.1458N	120.8140W	219	From 1977-03-01
New Hope	NHSC	South Carolina,U.S.A.	33.1067N	80.1778W	11	
New Kensington	NKP	Pennsylvania,U.S.A.	40.5597N	79.7542W	251	From 1939-01-01 to 1959-12-31
New Madrid	NMD	Missouri,U.S.A.	36.5750N	89.4819W	92	
New Madrid	NMM	Missouri,U.S.A.	36.5910N	89.5282W	90	From 1967-11-01 to 1969-11-30
New Madrid	NMMO	Missouri,U.S.A.	36.5880N	89.5520W	90	
New Madrid Sch	NMEM	Missouri,U.S.A.	36.5740N	89.5850W	0	
New Mexico Highlands	NMH	New Mexico,U.S.A.	35.6042N	105.1700W	2026	From 1977-10-15
New Orleans	NOL	Louisiana,U.S.A.	29.9483N	90.1200W	2	From 1910-01-01
New Plymouth	NPZ	North Island,New Zealand	39.0667S	174.0730E	34	From 1931-08-01 to 1958-12-31
Newport	NEW	Washington,U.S.A.	48.2642N	117.1227W	760	From 1966-06-01
Newport DOGAMI SMO	NEWO	Oregon	44.6243N	124.0461W	2	From 2008-02-14
New Reactor	NPRI	Idaho,U.S.A.	43.5975N	112.8270W	1513	From 1990-08-14
New River	NW2	California,U.S.A.	33.0905N	115.6920W	-68	From 1976-12-01
New Salem	NSLM	Texas,U.S.A.	31.9750N	94.9580W	0	
Ngariki Road	NRZ	North Island,New Zealand	39.3375S	173.9330E	250	From 1991-02-01
Ngau Island	GAU	Fiji	18.0817S	179.3296E	286	From 1978-05-01 to 1999-08-25
Ngauruhoe	NGZ	North Island,New Zealand	39.1769S	175.6010E	1430	From 1976-07-01
Ngawi	NGJI	Jawa	7.3676S	111.4612E	0	From 2007-12-01
Ngoundere	NGC	Cameroon	7.2617N	13.5683E	1100	From 1982-02-01
Nha Trang	NTV	Vietnam	12.2667N	109.1943E	5	
Nha-Trang	NHA	Vietnam	12.2100N	109.2120E	5	From 1975-06-01
Nhimo	NHIM	Xizang Zizhiqu,China	29.4336N	90.1643E	3822	From 2004-06-18
Niagara	NG-WS	Wisconsin,U.S.A.	45.7575N	88.1492W	396	From 1961-11-19 to 1963-06-14
Niagara	NG-	Wisconsin,U.S.A.	45.7575N	88.1492W	396	From 1961-11-19 to 1963-06-14
Nibetsu	NIB	Akita,Japan	39.8033N	140.2683E	243	
Nicholson Point	NPT	Northwest Territories,Canada	69.9272N	128.9630W	60	From 1981-08-08
Nicolai Mountain	NLO	Oregon,U.S.A.	46.0883N	123.4500W	900	
Nicolosi	ENCS	Sicily,Italy	37.6390N	15.0050E	958	From 1994-10-01
Nicolosi	ENIC	Italy	37.6314N	15.0216E	882	From 2006-03-08
Nicolosi	ENLS	Sicily,Italy	37.6060N	15.0243E	666	From 2002-10-01
Nicosia	NIC	Cyprus	35.1564N	33.3450E	166	
NICOSIA -NORTH CYPRUS	CMET	Cyprus	35.1960N	33.3630E	134	From 2006-10-17
Nicoya	AR8	Costa Rica	10.1925N	85.5206W	511	
Niedersach Riedel	NRDL	Niedersachsen,Germany	52.4943N	10.1073E	-355	
Niedzica	NIE	Poland	49.4189N	20.3131E	649	
Nigde	BSTP	Turkey	37.9508N	34.1100E	1318	From 2005-02-25
Nigde	NIG	Turkey	38.1100N	34.6100E	2291	
Niigata	NII	Niigata,Japan	37.9100N	139.0520E	3	
Niigata 2	NIIJ	Niigata,Japan	37.2400N	139.0020E	31	From 1978-01-01
Niihama	NHM	Ehime,Japan	33.9500N	133.2500E	50	
Nii jima	NJJ	Bonin Islands,Japan	34.3667N	139.2500E	50	
Nii jima 2	NJJJ	Bonin Islands,Japan	34.4020N	139.2830E	180	From 1988-01-01
Nijar	ENIJ	Spain	36.9717N	2.2069W	440	From 1985-04-01
Nikishka	NKA	Alaska,U.S.A.	60.7431N	151.2380W	100	From 1971-09-10
Nikkaluokta	NIKU	Sweden	67.8673N	19.0347E	300	From 2003-08-24
Nikolaevsk School	NHSA	Alaska,U.S.A.	59.8111N	151.6127W	256	
Nikolayevsk	NKL	Khabarovskiy Kray,Russia	53.1500N	140.6800E	15	
Nikolski	NIK	Alaska,U.S.A.	52.9743N	168.8530W	207	From 1971-05-17
Nikolski	NKI	Alaska,U.S.A.	52.9426N	168.8570W	8	
Nikolski	NIKO	Alaska,U.S.A.	52.9738N	168.8539W	8	
Niksic	NKY	Montenegro,Serbia and Montenegro	42.8129N	18.9982E	1142	From 1983-12-25
Niles Canyon	CNIC	California,U.S.A.	37.6079N	121.9646W	393	
Nilore	NIL	Pakistan	33.6500N	73.2517E	536	From 1994-12-19
Nine Mile Canyon	NMC	California,U.S.A.	35.8428N	117.9048W	951	
Nine Mile Canyon	WNMM	California,U.S.A.	35.8428N	117.9048W	951	
Ninemile Creek	NCM	Montana,U.S.A.	47.1802N	114.5660W	1183	From 1983-06-15
Ninemile Divide	NDMT	Montana,U.S.A.	47.2690N	114.7988W	1917	
Nine Sixteen Ranch, Cliff	Z20A	New Mexico,U.S.A.	33.1132N	108.5922W	1547	From 2008-02-20
Ninganchiao	NACB	Taiwan region	24.1738N	121.5947E	130	
Niniconang	NINI	Sulawesi,Indonesia	4.4225S	119.7560E	1463	
Ninilchik	NNL	Alaska,U.S.A.	60.0422N	151.2960W	366	From 1972-08-24
Ninilchik One	NIN	Alaska,U.S.A.	60.0111N	151.5360W	110	From 1971-08-28 to 1972-08-24
Ninotsminda	NTS	Georgia	41.7410N	45.2865E	915	From 2003-01-01
Niobrara River	NR-	Nebraska,U.S.A.	42.8197N	101.7011W	975	
Niobrara River	NR-NB	Nebraska,U.S.A.	42.8197N	101.7011W	975	
Nioudou	ENTT	Taiwan region	24.6400N	121.5660E	280	
Nirayama	NRY	Shizuoka,Japan	35.0599N	138.9628E	-91	
Nirehara	NRJ	Toyama,Japan	36.5133N	137.2384E	220	
Nishiizu	NSI	Shizuoka,Japan	34.7870N	138.8040E	-422	
Nishinai	K01	Iwate,Japan	39.3989N	141.6053E	431	
Nisiros	NISR	Greece	36.6117N	27.1283E	48	
Nisos Aigina	NAIG	Greece	37.7585N	23.4887E	221	
Nisos Salamina	NSAL	Greece	37.9066N	23.4633E	190	
Nissan Island	NIS	New Britain,Papua New Guinea	4.5300S	154.2383E	10	From 1971-08-01
Nisyros Isl.	NIS1	Greece	36.6023N	27.1782E	378	From 2008-05-24

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
NORSAR Subarray 5B Beam Reference Point	NB5	Norway	60.6224N	10.8369E	428	From 1971-04-01 to 1976-10-31
NORSAR Subarray 5C Beam Reference Point	NC5	Norway	60.9468N	11.8004E	425	From 1971-04-01 to 1976-10-31
NORSAR Subarray 6B Beam Reference Point	NB6	Norway	60.7300N	10.4589E	630	From 1971-04-01 to 1976-10-31
NORSAR Subarray 6C Beam Reference Point	NC6	Norway	60.7473N	11.4584E	321	From 1971-04-01
NORSAR Subarray 7B Beam Reference Point	NB7	Norway	60.9200N	10.4658E	759	From 1971-04-01 to 1976-10-31
NORSAR Subarray 7C Beam Reference Point	NC7	Norway	60.4553N	11.4988E	221	From 1971-04-01 to 1976-10-31
NORSAR Subarray 8C Beam Reference Point	NC8	Norway	60.4756N	11.0868E	480	From 1971-04-01 to 1976-10-31
NORSAR Subarray 9C Beam Reference Point	NC9	Norway	60.4094N	10.6038E	478	From 1971-04-01 to 1976-10-31
North	AR9	Costa Rica	10.4717N	84.7286W	658	From 1975-07-13
North Anna	NA11	Virginia,U.S.A.	37.9831N	77.6850W		
North Anna	NA12	Virginia,U.S.A.	37.9882N	77.8770W	134	From 1978-08-01
North Anna	NA5	Virginia,U.S.A.	38.0108N	77.7365W	76	From 1978-08-01 to 2004-09-30
North Anna	NA2	Virginia,U.S.A.	38.1279N	77.7401W	99	From 1978-10-01 to 1999-08-25
North Anna 1	NV1	Virginia,U.S.A.	38.0618N	77.7870W		From 1974-01-01 to 1999-08-25
North Anna 2	NV2	Virginia,U.S.A.	38.0628N	77.8503W		From 1974-01-01 to 1999-08-25
North Anna 3	NV3	Virginia,U.S.A.	38.0983N	77.8093W		From 1974-01-01 to 1999-08-25
North Anna 4	NV4	Virginia,U.S.A.	38.0268N	77.7808W		From 1974-01-01 to 1999-08-25
North Anna 5	NV5	Virginia,U.S.A.	38.0537N	77.7365W		From 1974-01-01 to 1999-08-25
North Anna 6	NV6	Virginia,U.S.A.	38.0913N	77.7782W		From 1974-01-01 to 1999-08-25
North Anna 7	NV7	Virginia,U.S.A.	38.0227N	77.8570W		From 1974-01-01 to 1999-08-25
North Bay	NBH	Hawaii,U.S.A.	19.4950N	155.5800W	1221	From 1964-03-12 to 1968-07-05
North Branch	NB	Minnesota,U.S.A.	45.5328N	92.8475W	259	
North Branch	NB-MN	Minnesota,U.S.A.	45.5328N	92.8475W	259	
North Capps Glacier	NCG	Alaska,U.S.A.	61.4037N	152.1570W	1244	From 1989-08-07
North Crescent	NCT	Alaska,U.S.A.	60.5617N	152.9300W	1166	From 1988-08-14
North Egmont	NEZ	North Island,New Zealand	39.2719S	174.0960E	920	From 1985-04-17
Northern Antelope Island	NAIU	Utah,U.S.A.	41.0162N	112.2280W	1472	From 1991-11-13
Northern Marianas College	NMCC	Mariana Islands	15.1500N	145.7160E	100	From 1992-05-01
Northfield	NRT	Vermont,U.S.A.	44.1667N	72.6833W	256	
North Gasline	NGL	Alaska,U.S.A.	60.8208N	149.9980W	122	
North Gisborne	NOZ	North Island,New Zealand	38.6180S	178.0370E	60	From 1990-03-05
North Grampians	GOGM	Victoria,Australia	36.8882S	142.3996E	265	
North Hampton	NHS	South Carolina,U.S.A.	33.0717N	79.7556W	10	From 1974-05-20 to 1980-12-31
North Isle of Man	GIM	Isle of Man,United Kingdom	54.2923N	4.4670W	366	From 1989-01-01
North Kanaga	AD7	Alaska,U.S.A.	51.9000N	177.0900W	244	From 1974-01-01 to 1992-02-01
North Lily Mine	NLU	Utah,U.S.A.	39.9548N	112.0750W	2036	
North Marawa	ANMR	Egypt	23.7340N	32.5626E	185	
North Mineral Mountain	NMUT	Utah,U.S.A.	38.5165N	112.8500W	1853	From 1987-10-01
North-of-Casa	NOCG	California,U.S.A.	37.6875N	118.9190W	2475	From 1984-07-01
North Oquirrh Mountains	NOQ	Utah,U.S.A.	40.6525N	112.1200W	1622	
North Pahroc Range	NPN	Nevada,U.S.A.	37.6529N	114.9370W	1664	
North Pahute Mesa	NPM	Nevada,U.S.A.	37.3839N	116.3230W	2250	From 1975-09-01
North Pit	NPH	Hawaii,U.S.A.	19.4150N	155.2830W	1115	From 1958-07-01
North Pocatello Valley	NPI	Idaho,U.S.A.	42.1473N	112.5180W	1640	From 1975-04-01
North Pole	NP	Northwest Territories,Canada	76.2522N	119.3717W	59	
Northport	A10A	Washington,U.S.A.	48.9813N	117.5586W	688	From 2006-08-30 to 2008-06-14
North Rainier Mesa	NRM	Nevada,U.S.A.	37.2744N	116.2060W	2210	From 1975-09-01 to 1981-12-31
North Reno	NRN	Nevada,U.S.A.	39.5720N	119.8490W	1634	From 1964-04-09
North Rim	U15A	Arizona,U.S.A.	36.4280N	112.2915W	2489	From 2007-05-16
North River	NRA	Alaska,U.S.A.	63.8918N	160.5140W	105	From 1976-08-01 to 1978-08-31
North Stansbury	NSU	Utah,U.S.A.	40.9082N	112.5060W	1422	From 1976-10-01 to 2004-03-05
North Stonington	NSC	Connecticut,U.S.A.	41.4808N	71.8516W	110	From 1977-06-27 to 1999-01-31
North Tanaga	AK5	Alaska,U.S.A.	51.8040N	176.8920W	0	
North Tanaga	AK3	Alaska,U.S.A.	51.8067N	177.8200W	350	From 1976-10-01 to 1992-02-01
North Tanaga	AT3	Alaska,U.S.A.	51.8067N	177.8200W	350	From 1975-01-01 to 1976-10-31
North Tanaga	AK0	Alaska,U.S.A.	51.7790N	176.8800W	152	
North Woods Club	NWC	New York,U.S.A.	43.8450N	74.1502W		From 1986-10-01
Norton	NNK	Kansas,U.S.A.	39.9363N	100.0420W	732	From 1979-03-01 to 1981-12-31
Nottersdorf	NOTT	Bayern,Germany	49.8110N	12.1223E	490	
Nou	NOUE	Niigata,Japan	37.0480N	138.0309E	240	
Noumea	NORM	New Caledonia	22.2280S	166.4840E	97	From 2007-01-01
Noumea	NOC	New Caledonia	22.2839S	166.4320E	5	From 1986-12-09 to 1987-10-27
Noumea	LASL	New Caledonia	22.2310S	166.5400E	11	From 2007-01-01
Noumea	ONTRN	New Caledonia	22.3070S	166.4540E	116	From 2007-04-01
Noumea	MVNO	New Caledonia	22.2700S	166.4420E	0	From 2007-01-01
Noumea	NOU	New Caledonia	22.3100S	166.4510E	105	From 1960-01-01
Nova Friburgo	CAM4	Rio de Janeiro,Brazil	22.3568S	42.5653W	2000	
Novolja	NVLJ	Croatia	44.5635N	14.8711E	20	
Novara	NOV	Sicily,Italy	38.0278N	15.1367E	775	
Nova Varos 1	NOVS	Serbia,Serbia and Montenegro	43.4485N	19.8216E	0	
Nova Varos 2	NVSS	Serbia,Serbia and Montenegro	43.5077N	19.7005E	0	
Novellara	NOVE	Italy	44.7982N	10.7161E	16	From 2003-05-20
Novi Di Modena	ROCE	Italy	44.9000N	10.9242E	17	
Novokhopersk	VRHR	Voronezhskaya Oblast'	51.0955N	41.6246E	137	From 2003-11-01
Novosibirsk	NVS	Novosibirskaya Oblast',Russia	54.8404N	83.2346E	150	
Novy Kostel	NKC	Czech Republic	50.2331N	12.4479E	564	
Now Shahr	NOSH	Iran	36.7000N	51.5000E	0	
NPP	NPPZ	Armenia	40.1670N	44.1330E	945	
NRDS	ADM	Nevada,U.S.A.	36.7697N	116.2850W	1033	From 1965-01-01 to 1970-12-31
Nsakai	JNG	Nagano,Japan	36.4067N	138.1000E	930	
Nueva Concepcion	NCS	El Salvador	14.1015N	89.1795W	290	
Nuku'alofa	NUK	Tonga	21.1320S	175.2070W	10	From 1983-09-05
Nuku Hiva Island	TAOE	Marquesas archipelago	8.8549S	140.1482W	812	From 2004-12-01
Nukus	NUKS	Uzbekistan	42.3500N	59.7700E	73	
Numazu	NUM	Shizuoka,Japan	35.1000N	138.8500E	6	
Nunatak	NTK	Alaska,U.S.A.	59.8777N	139.0350W	1050	From 1974-09-09 to 1975-10-31
Nunuq Camp, NU	NUNN	Nunavut	65.2146N	91.0784W	229	From 2007-08-16
Nurata	NUT	Uzbekistan	40.5500N	65.6833E	524	
Nurek	NRK	Tajikistan	38.4000N	69.3333E		
Nurmija@14rvi	NE61	Finland	60.5090N	24.6490E	105	
Nurmija@14rvi	NUR	Finland	60.5090N	24.6490E	102	From 1957-01-01
Nurpur	NURP	Himachal Pradesh,India	32.2667N	75.8967E		
Nutriosio	Y19A	Arizona,U.S.A.	33.9571N	109.2541W	2448	From 2007-04-04
Nuxco	NUXM	Guerrero,Mexico	17.2108N	100.7547W	80	
NWS Agricenter	NAIT	Tennessee,U.S.A.	35.1297N	89.8036W	104	
Nyala	NYA	Sudan	12.0475N	24.9022E	651	From 1980-04-17 to 1982-12-31
Nyarlorinc	PKSN	Hungary	46.8972N	19.8673E	110	
Nye Farm, Monte Vista	S23A	Colorado,U.S.A.	37.7059N	106.0023W	2323	From 2008-06-07
Nyeri	NYRK	Kenya	0.4290S	36.9370E	1902	From 1997-04-01 to 1997-09-30
Nykoping	NYK	Sweden	58.9240N	17.0910E	33	From 1980-01-01
Nylenda	INYL	Iceland	63.9740N	22.7380W	7	From 1997-02-06
Nynaeshamn	NYNU	Sweden	59.0047N	18.0042E	20	From 2002-01-25
Oahu Island	OA	Hawaii,U.S.A.	21.4575N	157.9964W	183	From 1962-03-30 to 1962-11-05
Oahu Island	OA-IS	Hawaii,U.S.A.	21.4575N	157.9964W	183	From 1962-03-30 to 1962-11-05
Oakfield	OAK	New York,U.S.A.	43.0570N	78.3372W	259	From 1971-09-01 to 1974-11-30
Oak Flat	WOFM	California,U.S.A.	35.5357N	118.7130W	1341	
Oak Grove	OKG	Tennessee,U.S.A.	35.6260N	89.8350W	129	From 1975-06-27 to 1992-02-29
Oak Harbor	OHW	Washington,U.S.A.	48.3233N	122.5320W	54	From 1975-05-16
Oakhill	ONH	New Hampshire,U.S.A.	43.2792N	71.5056W	280	From 1975-12-01
Oak Ridge	ORT	Tennessee,U.S.A.	35.9095N	84.3048W	370	From 1967-06-01
Oak Springs Butte	OB3NV	Nevada,U.S.A.	37.2325N	116.0542W	1609	
Oak Springs Butte	OB-NV	Nevada,U.S.A.	37.2358N	116.0525W	1731	
Oak Springs Butte	OB2NV	Nevada,U.S.A.	37.2253N	116.0578W	1542	
Oamaru	OMZ	South Island,New Zealand	45.0706S	170.9150E	95	From 1969-10-16 to 1990-07-31
Oasis	OAS	Antofagasta,Chile	23.2006S	69.7139W	1340	
Oasis-Bungera	OBA	Queen Mary Land,Antarctica	66.1667S	100.7330E	24	
Oaxaca	GUO	Oaxaca,Mexico	16.0987N	97.0610W	244	
Oaxaca	OAX	Oaxaca,Mexico	17.0203N	96.7628W	1570	
Oaxaca	LAGM	Oaxaca,Mexico	16.1042N	97.0778W	201	
Oaxaca	OXX	Oaxaca,Mexico	17.0817N	96.7233W	1730	From 1984-01-01
Oaxaca	AZO	Oaxaca,Mexico	15.9660N	97.4080W		
Oaxaca	PXO	Oaxaca,Mexico	15.7478N	96.3030W	25	
Oaxaca	YOO	Oaxaca,Mexico	17.7500N	97.8250W	1600	
Obama	SWAJ	Nagasaki,Japan	32.6775N	130.2022E	257	
Oban	OBZ	Stewart Island,New Zealand	46.9050S	168.1150E	26	From 1976-09-17 to 2003-08-15
Obara	JAO	Gifu,Japan	35.2667N	137.2583E	600	
Obergurgl	OGA	Austria	46.8678N	11.0253E	1934	From 1975-09-01
Oberlin	OBK	Kansas,U.S.A.	39.9288N	100.4390W	792	From 1979-03-01 to 1981-12-31
Oberstdorf	OBER	Bayern,Germany	47.4070N	10.2934E	1000	From 2002-03-18

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Obertriebel	TRIB	Sachsen,Germany	50.3517N	12.1370E	510	
Obi Garm	OBG	Tajikistan	38.7167N	69.7167E	1350	From 2001-12-19
Obihoro	OBI	Tokachi,Japan	42.9200N	143.2167E	39	
Obir	OBKA	Austria	46.5092N	14.5489E	1074	
Obispado Ponce	OBIP	Puerto Rico	18.0428N	66.6061W	85	
Obninsk	OBN	Kaluzhskaya Oblast',Russia	55.1138N	36.5687E		
Obock	OBO	Djibouti	11.9853N	42.2917E	40	From 1973-06-01
Observatory	POB1	Scotland,United Kingdom	55.8458N	4.4299W	34	From 1992-01-01
Obsidian Butte	OB	California,U.S.A.	33.1673N	115.6370W	-59	From 1973-04-16
O'Byrne Ferry	MOYM	California,U.S.A.	37.9000N	120.5670W	176	From 1972-04-19
Ocana	OCAC	Colombia	8.2388N	73.3193W	1264	
Ocean Bottom Seismometer	OBS	California,U.S.A.	38.0920N	124.5440W	-3840	From 1966-01-01 to 1972-12-31
Ocean Falls	OFB	British Columbia,Canada	52.3540N	127.6843W	75	
Oceanview	VEW	South Carolina,U.S.A.	32.7177N	79.9415W	-60	
Oceanview Est	OVEH	Hawaii,U.S.A.	19.1535N	155.7653W	1378	
Ochomogo	OCM	Costa Rica	9.8948N	83.9608W	1660	
O'Connell Ranch	HORM	California,U.S.A.	36.9172N	121.5080W	98	From 1967-06-26
O'Connell Ranch	OCR	California,U.S.A.	36.9172N	121.5080W	98	From 1967-06-26
Ocos	OCG	Guatemala	14.5655N	92.1217W	8	From 1984-03-01 to 1988-12-31
Ocos 2	OC2	Guatemala	14.5605N	92.1862W	5	From 1986-07-01
Ocozacoautla	OZC	Chiapas,Mexico	16.7850N	93.3730W	864	
Octopus Mountain	OCWA	Washington,U.S.A.	47.7489N	124.1781W	671	
Octopus West	OOW	Washington,U.S.A.	47.7367N	124.1890W	743	
OCUMARITO	OCUV	Venezuela	10.1164N	66.8000W	248	From 2004-10-08
Oda	JJO	Shimane,Japan	35.1683N	132.5033E	60	
Odare	ODAN	Nepal	26.8600N	87.3900E	2045	From 1994-04-01
Odawara	JOD	Kanagawa,Japan	35.2648N	139.0908E	360	
Odawara 2	JOD2	Kanagawa,Japan	35.2632N	139.0882E	380	
Odda	ODD1	Norway	59.9120N	6.6280E	684	From 1987-12-03
Odda	ODD	Norway	59.9500N	6.6670E	630	From 1984-11-01 to 1987-12-02
Odesa	NE56	Ukraine	46.6760N	30.8990E	30	
Odesa	ODS	Washington,U.S.A.	47.3067N	118.7450W	524	From 1969-03-01
Odesa Site #2	OD2	Washington,U.S.A.	47.3910N	118.7110W	590	From 1989-06-01
Odiongan	OTPR	Luzon,Philippines	12.3620N	122.0210E	120	
Odiongan	OTR	Panay,Philippines	12.3620N	122.0210E	120	
Od Khalfella	OKL	Morocco	32.2030N	9.1390W	122	
Odobesti	ODB	Romania	45.7747N	27.0561E	140	From 1979-01-01 to 1989-01-01
Oestervaala	OSTU	Sweden	60.2298N	17.1342E	100	From 2001-12-20
Ofenpass	FUORN	Switzerland	46.6202N	10.2635E	2335	
Ofen	OFRI	Israel	32.6210N	34.9850E	520	
Offenburg	OFBG	Baden-Wuerttemberg,Germany	48.4453N	7.9770E	237	From 2001-11-15
Office Forets	ONF	Aquitaine,France	43.0950N	0.7160W		From 1985-02-01
Offida	OFFI	Italy	42.9350N	13.6857E	320	From 2006-05-16
Oficina Alemania	OFA	Antofagasta,Chile	25.1525S	69.9500W	1000	From 1975-01-01
Ofunato	OFU	Iwate,Japan	39.0617N	141.7180E	37	
Ofunato	OFUJ	Iwate,Japan	39.0802N	141.6690E	180	From 1978-01-01
Oga	OGH	Akita,Japan	39.9050N	139.7769E	354	
Oga	JOG	Akita,Japan	39.9043N	139.7770E	270	
Oga 2	JOG2	Akita,Japan	39.9140N	139.7927E	140	
Ogallala	OGNE	North America	40.9451N	102.0330W	1054	
Ogasawara	OGS	Bonin Islands,Japan	27.0568N	142.2030E	20	From 1992-06-26
Ogden Bay	OGU	Utah,U.S.A.	41.2750N	111.9440W	1506	From 1975-09-01 to 1979-05-31
Ogdensburg	OGD	New Jersey,U.S.A.	41.0875N	74.5958W	-367	From 1961-12-12 to 1981-12-31
Ogdensburg	ODNJ	New Jersey,U.S.A.	41.0829N	74.6056W	187	From 2007-06-23
Ogeu	OGE	Aquitaine,France	43.1685N	0.4733W	440	
O'Grain Ranch, Modena	R13A	Utah,U.S.A.	38.1802N	113.9691W	1969	From 2007-06-08
Ohasama	JOM	Iwate,Japan	39.4730N	141.2923E	210	
Ohata	JOT	Aomori,Japan	41.3820N	141.0482E	80	
Ohdaira	OHD	Iburi,Japan	42.5262N	140.8425E	250	
O'Higgins	OHC	Antarctic Peninsula,Antarctica	63.3167S	57.9000W	20	
Ohinepanea	OPRZ	North Island	37.8461S	176.5547E	134	From 2007-02-22
Ohio Geological Survey, Columbus	OGSO	Ohio,U.S.A.	40.0568N	82.9654W	268	
Ohio State University--Lima	OSLO	Ohio,U.S.A.	40.7390N	84.0250W	284	
Ohio State University--Mansfield	OSMO	Ohio,U.S.A.	40.7970N	82.5790W	420	
Ohio University	OUAO	Ohio,U.S.A.	39.3220N	82.0970W	217	
Ohira	OHJ	Tochigi,Japan	36.3600N	139.6924E	250	
Ohlone	OHLN	California,U.S.A.	38.0064N	122.2730W	-196	
Ohmine	OMJ	Nagano,Japan	36.6677N	138.1820E	506	
Ohrid	OHR	Former Yugoslav Rep. of Macedonia	41.1114N	20.7989E	739	From 1969-01-01
Oil Point	OPT	Alaska,U.S.A.	59.6528N	153.2300W	625	
Oio	OIZ	North Island,New Zealand	39.0467S	175.3925E	470	From 1992-09-01
Oishiyama	OIS	Wakayama,Japan	34.1053N	135.3270E	678	From 1966-01-07 to 1971-11-04
Oishiyama (A)	OIA	Wakayama,Japan	34.1031N	135.3200E	756	From 1971-08-10
Oishiyama (B)	OIB	Wakayama,Japan	34.0998N	135.3210E	776	From 1971-08-10
Oishiyama (C)	OIC	Wakayama,Japan	34.0989N	135.3170E	776	From 1971-08-10
Oita	OIT	Oita,Japan	33.2333N	131.6230E	5	
Oita 2	OIT2	Oita,Japan	33.2782N	131.4518E	460	From 1994-07-07
Oiwake	OIW	Nagano,Japan	36.3400N	138.5520E	1001	
Ojcow	OJC	Poland	50.2195N	19.7984E	391	From 1992-04-01
Ojen	OJEN	Spain	36.0993N	5.5408W	816	
Ojo de Agua	OJOS	El Salvador	13.8633N	89.2367W	645	From 1991-12-01
Okabe	OKB	Shizuoka,Japan	34.9500N	138.2538E	-30	
Okamoto-Ura	KV09	Miyazaki,Japan	32.0183N	130.7878E	280	
Okayama	OKA	Okayama,Japan	34.6817N	133.9150E	5	
Okayama	OKA1	Okayama,Japan	34.6583N	133.9180E	17	
Okayama 2	OKA2	Okayama,Japan	34.6417N	133.9520E	77	
Okha	OKH	Sakhalinskaya Oblast',Russia	53.5500N	142.9330E	24	
Okhotsk	OHTR	Khabarovskiy Kray,Russia	59.3586N	143.3308E	40	
Okijuku	OKI	Ibaraki,Japan	36.0500N	140.2500E		
Oklahoma City	OCO	Oklahoma,U.S.A.	35.5240N	97.4740W	351	From 1982-05-21
Oklahoma City	OKCFA	North America	35.4153N	97.4514W	379	From 2008-04-22
OKLAHOMA CITY ARRAY SWEETHEART OKLAHOMA	OKCSA	Oklahoma	35.4055N	97.4380W	379	From 2008-04-22
Okmok Cone D	OKCD	Alaska,U.S.A.	53.4303N	168.1123W	459	
Okmok Cone E	OKCE	Alaska,U.S.A.	53.4270N	168.1643W	515	
Okuchi	JZO	Kagoshima,Japan	32.1400N	130.5985E	440	
Okuno	OKN	Shizuoka,Japan	34.9319N	139.0706E	140	
Okura	JOU	Yamagata,Japan	38.3655N	140.6640E	390	
Okushiri	OKS	Hiyama,Japan	42.0650N	139.4433E	35	From 1993-07-15
Okushiri--Matsue	JOSM	Hiyama,Japan	42.0827N	139.4752E	79	
Okushj	JOR	Hiyama,Japan	42.0667N	139.4450E	33	
Okuyama	OKY	Yamanashi,Japan	35.2273N	138.4212E	620	From 1978-06-01
Olbia	OLB	Sardinia,Italy	40.9267N	9.4956E	5	
Old Faithful	YFT	Wyoming,U.S.A.	44.4513N	110.8358W	2292	
Old Faithful	YPOF	Wyoming,U.S.A.	44.4525N	110.8413W	2260	From 1972-10-01 to 2004-03-05
Old Graveyard	OGTN	Tennessee,U.S.A.	36.4200N	89.4860W	91	
Old Harbor	OHAK	Kodiak Island,U.S.A.	57.2225N	153.2875W	77	
Old Mammoth Mine	OMM	California,U.S.A.	37.6185N	118.9923W	2750	
Old Woman Plateau	OWUT	Utah,U.S.A.	38.7800N	111.4240W	2568	From 1989-02-08
Olema	OLC	California,U.S.A.	38.0397N	122.7930W	30	From 1966-12-22 to 1977-02-23
Olema	NOLM	California,U.S.A.	38.0397N	122.7930W	30	From 1977-02-23
Olintepeque	OLG	Guatemala	14.8977N	91.5077W	2855	
Olkaria	OLK	Kenya	0.8880S	36.3240E	1751	From 1995-03-01 to 1996-10-31
Olkaria West	OLWK	Kenya	0.8380S	36.2640E	1780	From 1996-10-01 to 1997-04-30
Ollague	OLL	Tarapaca,Chile	21.1750S	68.3717W	4000	From 1965-11-01 to 1999-08-25
Olmue	OLCH	Valparaiso,Chile	32.9939S	71.1728W	173	
Olney	OLIL	U.S.A.	38.7338N	88.0991W	150	
Olofstrom	OLF	Sweden	56.3080N	14.4700E	118	From 1980-01-01 to 1991-12-31
Olot	OLT	Spain	42.1443N	2.4743E	700	From 1986-01-01
Olula del Rio	EXOR	Spain	37.3530N	2.2970W	520	
Olympia	OLW	Washington,U.S.A.	47.0728N	122.9220W	37	From 1986-08-02
Olympic Penn College CREST BB SMO	OPC	Washington	48.1001N	123.4129W	90	From 2001-05-30
Olympics--Bonidu Creek	OB	Washington,U.S.A.	48.0353N	124.0780W	938	From 1980-07-01
Olympics--Burnt Hill	OBH	Washington,U.S.A.	47.3263N	123.8660W	383	
Olympics--Forks	OFK	Washington,U.S.A.	47.9500N	124.3580W	134	From 1980-07-01
Olympics--Lake Quinault	OLQ	Washington,U.S.A.	47.5161N	123.8088W	121	
Olympics--North River	ONR	Washington,U.S.A.	46.8771N	123.7710W	257	From 1980-07-01 to 2004-10-21
Olympics--North River	ON2	Washington,U.S.A.	46.8808N	123.7811W	257	
Olympics--Salmon Ridge	OSR	Washington,U.S.A.	47.5056N	123.9620W	815	From 1989-09-13
Olympics--Snow Dome	OSD	Washington,U.S.A.	47.8208N	123.7020W	2010	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Olympics--Sooes Peak	OSP	Washington,U.S.A.	48.2849N 124.5900W	585	
Olympics--Tyeed Ridge	OTR	Washington,U.S.A.	48.0833N 124.3440W	712	From 1983-10-01
Olyphant	OLY	Arkansas,U.S.A.	35.5030N 91.4700W	236	From 1979-11-06
Omae zaki	OMA	Shizuoka,Japan	34.6017N 138.2167E	-165	
Omahuta	OUZ	North Island,New Zealand	35.2214S 173.5960E	40	From 1991-03-12
Omak	OMW	Washington,U.S.A.	48.4803N 119.5610W	421	From 1975-06-01
Omchak	OCHR	Magadanskaya Oblast',Russia	61.6653N 147.8667E	820	
Ometepe	OME	Nicaragua	11.5377N 85.6837W	181	
Omihochiman	OHM	Shiga,Japan	35.1738N 136.0835E	120	
Omiya	OOM	Yamanashi,Japan	35.2167N 138.6330E		
Omsukchan	OMS	Magadanskaya Oblast',Russia	62.5150N 155.7750E	527	
Onahama	ONA	Fukushima,Japan	36.9450N 140.9070E	5	
Onalaska	E04A	Washington,U.S.A.	46.5934N 122.7204W	215	From 2005-10-27 to 2008-02-12
Onbets	JOB	Kushiro,Japan	42.9033N 143.8347E	60	
Oncesti	ONCR	Romania	46.4643N 27.2672E	234	From 2004-07-13
Oneida	ONTN	Tennessee,U.S.A.	36.4815N 84.4433W	635	
Onerahi	ONE	North Island,New Zealand	35.7758S 174.3630E	30	From 1954-08-01 to 1985-09-26
Ongoro	ONG	Peru	15.8990S 72.4732W	880	
Ongureny	OGRR	Irkutskaya Oblast',Russia	53.6433N 107.5950E	495	
Oni	ONI	Georgia	42.5800N 43.4500E	810	
Onioshidashi	ODSE	Gumma,Japan	36.4219N 138.5219E	1710	
Ontario (NY)	ONTR	New York,U.S.A.	43.2738N 77.3067W	84	
Onyx Ranch	WORM	California,U.S.A.	35.6965N 118.2420W	837	
Oohira	OHRN	Gifu,Japan	35.4877N 137.1946E	330	
Ooide	K09	Iwate,Japan	39.4742N 141.5114E	446	
Ooka	OKAH	Hawaii,U.S.A.	19.4943N 154.9240W	180	
Ookiep	OKP	Cape Province,South Africa	29.6467S 17.9650E	936	
Oologah	OLO	Oklahoma,U.S.A.	36.4573N 95.7108W	196	From 1976-11-28 to 1977-08-07
Onami East	KV05	Kagoshima,Japan	31.9217N 130.8586E	1300	
Onami West	KV03	Kagoshima,Japan	31.9217N 130.8425E	1188	
Oonodaira	K10	Iwate,Japan	39.4958N 141.5147E	616	
Ooshika	OOS	Nagano,Japan	35.5797N 138.0488E	805	
Ootomari	OOT	Sakhalinskaya Oblast',Russia	46.6500N 142.7670E	36	
Opal Mound	OPL	Utah,U.S.A.	38.4817N 112.8720W	1766	
Opana	OPA	Hawaii,U.S.A.	21.6908N 158.0120W	134	From 1965-04-01
Oploc	OPL0	Netherlands	51.5888N 5.8121E	0	
Oppenhau	OPP	Baden-Wuerttemberg	48.4972N 8.1868E	412	From 2008-04-01
Oracle	117A	Arizona,U.S.A.	32.5716N 110.7393W	1544	From 2007-04-06
Oran	USTO	Algeria	35.7333N 0.5500W		
Oran	ORA	Buryatiya,Russia	55.9300N 113.6700E	705	
Orangeburg	OSB	South Carolina,U.S.A.	33.5472N 80.8444W	91	From 1977-04-02
Orangeburg	OSC	South Carolina,U.S.A.	33.5397N 80.8250W	60	
Orange Hill	OHS	St Vincent,Saint Vincent and the Grenadines	13.3170N 61.1480W	274	
Orbe	ORB	Switzerland	46.7167N 6.5167E		
Orcadas	ORCD	South Orkney Islands,Antarctica	60.7381S 44.7361W		
Orchard Mesa	OMCO	Colorado,U.S.A.	39.0270N 108.5170W		
Ordiarp	ORDF	Aquitaine,France	43.2135N 0.9357W	270	From 1997-10-28
Oregon House	AOHM	California,U.S.A.	39.3753N 121.2560W	457	From 1977-02-14
Orenburg	ORR	Orenburgskaya Oblast'	51.6184N 54.7530E	91	From 2004-10-26
Oreshnoe	ORHR	Krasnoyarskiy Krai,Russia	55.3020N 93.6650E	444	From 2003-03-07
Organos	IO	Tlaxcala,Mexico	19.5915N 98.7225W	2940	
Organ Pipe National Monument, Ajo	214A	Arizona,U.S.A.	31.9559N 112.8115W	543	From 2007-05-07
Organya	CORG	Spain	42.2303N 1.3176E	716	
Organya	ORG	Spain	42.2278N 1.3322E	740	
Orgiva	ORGV	Spain	36.8572N 3.4322W	1600	
Orhaneli	ORLT	Turkey	40.0460N 28.8960E	649	
Orhaniye	ORH	Turkey	40.8602N 30.0707E	320	From 1995-01-01
Oricopia Mountain	ORCC	California,U.S.A.	33.5662N 115.7692W	1087	
Orie	ORY	Krasnoyarskiy Krai	55.0031N 95.1089E	378	From 2004-03-19
Oriolo Calabro	ORI	Italy	40.0635N 16.4492E	375	
Oriolo Calabro	OR1	Italy	40.0635N 16.4492E	375	
Oris-en-Rattier	ORIF	Rhone-Alpes,France	44.9183N 5.8800E	1082	From 1996-04-03
Orista	CORI	Spain	41.9735N 2.0499E	331	From 2006-02-01
Oritupano	ORIV	Venezuela	9.0700N 63.4090W	123	From 2002-05-06
Orkelljunga	ORK	Sweden	56.2680N 13.2620E	96	From 1980-01-01 to 1991-12-31
Orlando	OR-	Florida,U.S.A.	28.4669N 81.2214W	20	From 1963-05-14 to 1963-09-15
Orlando	OR-FL	Florida,U.S.A.	28.4669N 81.2214W	20	From 1963-05-14 to 1963-09-15
Orleans, Innes Road, Ontario	ORIO	Ontario	45.4515N 75.5110W	74	From 2008-06-19
Orleans Mountain	KOMM	California,U.S.A.	41.2788N 123.4520W	1181	
Orlik	ORL	Buryatiya,Russia	52.5389N 99.8100E	1360	
Ormoc	OCLP	Leyte,Philippines	11.0510N 124.6090E	130	
Orongorongo Tunnel	OTW	North Island,New Zealand	41.2775S 175.0042E	230	From 1992-07-28
Oropa	ORX	Italy	45.6325N 7.9817E	1250	
Oropa	ORO	Italy	45.6275N 7.9814E	1160	
Oroville	ORV	California,U.S.A.	39.5545N 121.5004W	334	From 1963-01-01
Oroz-Betelu	EORO	Spain	42.8926N 1.3095W	880	From 2007-04-27
Orsara di Puglia	FG5	Italy	41.2825N 15.2678E	660	
Orti	OII	Italy	38.1533N 15.6892E		
Ortiz Mountain	OTZ	New Mexico,U.S.A.	35.7603N 106.1730W	2091	From 1976-09-17
Ortiz Mt. (NFS), Santa Fe National Forest	Y23A	New Mexico,U.S.A.	35.7452N 106.1833W	1991	From 2008-05-05
Orto-Tokoy	OTK	Kyrgyzstan	42.3460N 76.0170E	1700	
Os	OSGS	Norway	60.1900N 5.4600E	30	From 2002-01-01
Osaka	OSK	Osaka,Japan	34.6117N 135.6600E	472	
Osaka	OSA	Osaka,Japan	34.6783N 135.5220E	13	
Osborn	OSBY	New York,U.S.A.	41.3603N 73.9239W	212	
Oschiri	OSKI	Italy	40.8210N 9.1083E	896	From 2006-12-12
Oseberg A Platform	OSG	Norway	60.4970N 2.8760E	-100	From 1988-01-01 to 2003-04-05
Osh	OHH	Kyrgyzstan	40.5240N 72.7850E	980	
Oshima	OSH	Bonin Islands,Japan	34.7617N 139.3783E	191	
Oshima	OSHJ	Bonin Islands,Japan	34.7467N 139.3670E	76	From 1991-12-18
Oshima 2	JIM	Bonin Islands,Japan	34.7617N 139.3767E	190	
Oshima 3	JIM2	Bonin Islands,Japan	34.7175N 139.4312E	405	
Osito Adit	OSI	California,U.S.A.	34.6145N 118.7235W	676	
Oskarshamn	OSKU	Sweden	57.1947N 16.0994E	100	From 2002-11-01
Oslo	OSL	Norway	59.9372N 10.7227E	70	
Oslo	OO-NW	Norway	61.0547N 10.8661E	555	
Oslo	OO-	Norway	61.0547N 10.8661E	555	
Osmaniye	OSMT	Turkey	40.6022N 29.7002E	820	From 1993-01-01
Os-Marcillon	OSML	Aquitaine,France	43.3892N 0.5928W	105	
Osoorio	EOSO	Spain	28.0718N 15.5525W	760	
Osoorno	OSCH	Valdivia,Chile	40.5758S 73.1276W	45	
Ospenovka	USP	Kazakhstan	43.2669N 74.4997E	740	
Osses	OSSF	Aquitaine,France	43.2560N 1.2618W	240	From 1997-06-01
Ossining	OSNY	New York,U.S.A.	41.2117N 73.8283W	122	
Ossora	OSSR	Kamchatskaya Oblast',Russia	59.2500N 163.0600E	5	
Ostrava-Krasne	OKC	Czech Republic	49.8375N 18.1472E	272	From 1994-01-01
Ostuaacan	OSCM	Chiapas,Mexico	17.4056N 93.3347W		
Ostula	OSM	Michoacan,Mexico	18.4972N 103.4719W		
Oswego	OSWG	New York,U.S.A.	43.5170N 76.4162W	84	
Otahua Downs	ODZ	South Island,New Zealand	45.0453S 170.6440E	270	From 1990-08-31
Otama	JFT	Fukushima,Japan	37.5182N 140.3367E	350	
Otara	OTAZ	North Island,New Zealand	36.9511S 174.9247E		
Otavallo	OTAV	Ecuador	0.2376N 78.4508W	3492	
Otepa	OTP	Tuamotu,French Polynesia	18.1675S 140.8570W	2	From 1976-01-01
Oterleek	OTL	Netherlands	52.6299N 4.8226E	-3	
Othello	OTH	Washington,U.S.A.	46.7390N 119.2160W	384	From 1969-03-01
Othello	OT2	Washington,U.S.A.	46.7214N 119.2350W	355	From 1988-12-01 to 2001-11-01
Othello 3	OT3	Washington,U.S.A.	46.6690N 119.2330W	322	
Otiati	OTI	Sakhalinskaya Oblast',Russia	47.3333N 142.7830E		
Ottawa	OTT	Ontario,Canada	45.3942N 75.7167W	77	From 1906-01-01
Otter Rapids	OTRO	Ontario,Canada	50.1818N 81.6286W	109	
Otureru	OTVZ	North Island,New Zealand	39.1650S 175.6650E	1480	From 2004-11-18
Ouanaham	OUA	Loyalty Islands,New Caledonia	20.7747S 167.2440E	29	
Oud Koma	ODK	Djibouti	11.5932N 42.4901E	100	From 1987-01-01
Oued Fodda	OFD	Algeria	36.0667N 1.6000E	377	From 1935-01-01 to 1982-12-31
Oujda	OUI	Morocco	34.6570N 1.9010W	600	
Oukaimeden	OUK	Morocco	31.2090N 7.8680W	2720	
Oulhaca	OLHC	Algeria	35.2500N 1.4200W	600	From 2005-01-01
Oulu	OUL	Finland	65.0853N 25.8964E	60	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Oum El Arais	OAR	Tunisia	34.5317N	8.3968E	475	
Oura	ORJ	Shiga,Japan	35.5171N	136.1197E	150	
Ouranopolis	OUR	Greece	40.3344N	23.9819E	60	From 1981-01-01
Ouri	JIO	Miyagi,Japan	38.4543N	141.3488E	40	
Outingdale	ADOM	California,U.S.A.	38.6148N	120.7280W	520	From 1976-10-19
Outlet	OUT	Hawaii,U.S.A.	19.3897N	155.2820W	1038	From 1958-07-01
Ovalau	OVA	Fiji	17.6862S	178.7837E	439	From 1979-10-01
Ovalle	OVCH	Coquimbo,Chile	30.6080S	71.2010W	222	
Ovando	OVMT	Montana,U.S.A.	47.0643N	112.9967W	1494	
Ova Spin	OSS	Switzerland	46.6868N	10.1437E	1700	From 1982-01-01
Over Castle Rock	OCN	New York,U.S.A.	43.8848N	74.5293W	701	From 1974-07-01 to 1979-07-31
Overton	OVE	Nevada,U.S.A.	36.5311N	114.4420W	395	From 1940-07-01 to 1952-07-31
Owase	OWA	Mie,Japan	34.0667N	136.1950E	17	
Owens Crossroads	OCA	Alabama,U.S.A.	34.6138N	86.4352W	250	
Owens Ranch, Tucumcari	W26A	New Mexico,U.S.A.	35.0891N	103.7656W	1314	From 2008-05-08
Owens River	ORC	California,U.S.A.	37.6353N	118.6560W	2301	From 1979-11-01
Owia	SOA	St Vincent,Saint Vincent and the Grenadines	13.3735N	61.1486W	40	
Owl Hoot	OHTN	Tennessee,U.S.A.	36.1500N	89.5200W	82	
Oxenhope Moor	OMWY	England,United Kingdom	53.7909N	1.9799W	438	
Oxford	OXF	Mississippi,U.S.A.	34.5118N	89.4092W	101	From 1993-09-17
Oxford	OXD	England,United Kingdom	51.7667N	1.2500W	61	
Ox Mountain	OXMT	California,U.S.A.	37.4994N	122.4243W	14	
Oxtotitlan	OXM	Mexico D.F.,Mexico	19.2972N	99.6883W	2700	
Oya 1	OYT	Hyogo,Japan	35.3339N	134.6645E	260	
Oya 2	OYT2	Hyogo,Japan	35.3218N	134.6658E	230	
Oyama	OYM	Kanagawa,Japan	35.4201N	139.2430E	600	From 1970-04-01
Ozernaya	OZE	Buryatiya,Russia	56.3000N	113.9800E	620	
Pacaya	PCG	Guatemala	14.3938N	90.6075W	2100	From 1987-03-01
Pacheco Lake	HPLM	California,U.S.A.	37.0522N	121.2900W	152	From 1968-05-10
Pacheco Lake	PCL	California,U.S.A.	37.0522N	121.2900W	152	From 1968-05-10
Pacheco Lake	AN4*	California,U.S.A.	37.0522N	121.2900W	152	From 1968-05-10
Pacheco Peak	PACP	California,U.S.A.	37.0080N	121.2870W	844	
Pacific Creek	PACW	Wyoming,U.S.A.	43.9023N	110.4850W	2140	From 1986-01-01
Pacitan	PCJ	Jawa	8.1947S	111.1771E	0	From 2007-12-01
Packway	APAE	England,United Kingdom	52.3006N	1.4782E	58	From 1984-01-01
Padang	PDSI	Sumatera	0.9118S	100.4617E	276	From 2005-01-01
Padang Panjang	PPI	Sumatera,Indonesia	0.4568S	100.3970E	0	
Padua	PAD	Italy	45.4086N	11.8861E	12	
Paducah	PAKY	Kentucky,U.S.A.	37.0570N	88.7720W	76	From 1990-10-01
Paea	PAE	Tahiti,French Polynesia	17.6619S	149.5800W	10	
Paeroa	PATZ	North Island,New Zealand	38.3814S	176.2580E	940	From 1991-01-01
Pagadian	PAGZ	Mindanao,Philippines	7.8480N	123.3820E	50	
Pagan	PAGN	Mariana Islands	18.0750N	145.7310E	540	From 1992-07-01
Pagan Volcano	PAGV	Mariana Islands	18.1250N	145.7700E	10	From 1992-07-01
Page	PGAZ	Arizona,U.S.A.	36.9057N	111.2810W	1272	
Pagerwojo	PWJI	Jawa	8.0220S	111.8039E	0	From 2007-12-01
Pagoda	O21A	Colorado,U.S.A.	40.2149N	107.4705W	2343	From 2007-11-10
Pagosa Springs	PGS	Colorado,U.S.A.	37.2653N	107.0210W		
Pahaquarry	PQN	New Jersey,U.S.A.	41.0073N	75.0858W	229	
Pahoa	PAH	Hawaii,U.S.A.	19.4950N	154.9470W	205	From 1958-01-01 to 1969-01-01
Pahoa Fire House	PFH	Hawaii,U.S.A.	19.4969N	154.9490W	201	From 1986-01-01
Pah Rah Range	PAHR	Nevada,U.S.A.	39.7065N	119.3842W	1500	
Pahroc Range	PRN	Nevada,U.S.A.	37.4067N	115.0508W	1402	
Pahute Mesa	PMN	Nevada,U.S.A.	37.2807N	116.3020W	2141	From 1973-06-05 to 1973-06-22
Pahute Mesa	LO2	Nevada,U.S.A.	37.1979N	116.3790W	2019	From 1973-05-01 to 1975-12-31
Pahute Mesa Site	PH4NV	Nevada,U.S.A.	37.2556N	116.4636W	1917	
Pahute Mesa Site	PH3NV	Nevada,U.S.A.	37.3725N	116.5286W	1603	
Pahute Mesa Site	PH2NV	Nevada,U.S.A.	37.2422N	116.4644W	1908	
Pahute Mesa Site	PH-NV	Nevada,U.S.A.	37.2983N	116.5481W	1792	
Paiam	PIAM	Papua New Guinea	5.4650S	143.1490E	2220	
P Aileron	PAI	Martinique	14.8044N	61.1564W	844	
Pajala	PAJU	Sweden	67.0240N	23.1130E	500	From 2004-04-17
Pak Chong	PCT	Thailand	14.6808N	101.4110E	360	From 1978-10-01
Pakoon Wash	U13A	Arizona,U.S.A.	36.4151N	113.9653W	712	From 2007-02-16
Pala Acreide	HPAR	Sicily,Italy	37.0750N	14.9980E	600	From 1994-05-01
Palaiochora Chania	KNDR	Crete	35.2340N	23.6857E	25	From 2006-12-01
Pala-Maneri	PLMI	Uttar Pradesh,India	30.8417N	78.6292E	1640	From 1987-10-01
Palanan	PALP	Luzon,Philippines	17.0630N	122.4250E	50	
Palangkaraya	PLKI	Kalimantan	2.2262S	113.9453E	70	From 2005-01-01
Palau	PALU	Caroline Islands,Palau	7.3436N	134.4741E	10	
Palau	PLA	Caroline Islands,Palau	7.3333N	134.4830E	390	
Palayan	PCPH	Luzon,Philippines	15.5620N	121.0960E	7	
Palazzolo	PZI	Sicily,Italy	37.0571N	14.9476E	603	From 1983-10-01
Palazzo San Gervasio	PALZ	Italy	40.9441N	15.9602E	450	From 2006-08-07
Palemans	MPAL	Morocco	35.2250N	3.9420W	412	From 1994-02-15
Palembang	PMBI	Sumatera	2.9270S	104.7720E	30	From 2005-01-01
Paleo Inst,Ithaca	PRNY	New York,U.S.A.	42.4666N	76.5361W	205	
Palermo	PLR	Sicily,Italy	38.1440N	13.3477E	60	
Palermo	PAM	California,U.S.A.	39.4488N	121.5200W		From 1976-01-01
Paliouri	PAIG	Greece	39.9272N	23.6797E	140	From 1981-01-01
Palisades	PAL	New York,U.S.A.	41.0055N	73.9079W	66	
Palizzi	MPAZ	Sicily	37.9531N	16.0067E	496	From 2006-09-20
Pallekele	PALK	Sri Lanka	7.2728N	80.7022E	460	
Palliser	PLWZ	North Island	41.5709S	175.2546E	638	From 2007-04-19
Palma Real	PALR	Venezuela	11.0000N	63.9110W	920	From 1984-01-01
Palmasola	PSM	Oaxaca,Mexico	16.7048N	95.0410W	750	From 1990-01-01
Palmela	PLML	Portugal	38.5550N	8.9033W	216	
Palmer	PLMR	South Australia	34.8728S	139.1508E	138	From 2006-08-10
Palmer	PMR	Alaska,U.S.A.	61.5922N	149.1310W	100	From 1967-09-01
Palmer East	PME	Alaska,U.S.A.	61.6283N	149.0317W	232	From 1980-09-01 to 1999-08-25
Palmer High School	PHSA	Alaska,U.S.A.	61.6089N	149.1487W	144	
Palmer South	PMS	Alaska,U.S.A.	61.2447N	149.5610W	716	From 1967-05-25 to 2005-08-05
Palmer Station	PMA	Antarctic Peninsula,Antarctica	64.7742S	64.0490W	10	From 1993-03-01
Palmer USGS	PLRM	Alaska,U.S.A.	61.5922N	149.1310W	100	From 1984-09-20
Palmer West	PWA	Alaska,U.S.A.	61.6508N	149.8790W	137	From 1967-05-23 to 2005-08-05
Palmichal	PALM	Venezuela	10.2046N	64.4388W	1100	From 1984-01-01 to 1999-08-25
Palm Springs	PSP	California,U.S.A.	33.7938N	116.5490W	195	
Palmyra I.	PR-	Line Islands,Kiribati	5.8881N	162.0942W	3	From 1962-04-06 to 1962-11-04
Palmyra Island	PR-IS	Line Islands,Kiribati	5.8881N	162.0942W	3	From 1962-04-06 to 1962-11-04
Palo	PLP	Leyte,Philippines	11.1650N	124.9790E	133	From 1975-10-01
Palo Alto--Branner	PAC	California,U.S.A.	37.4167N	122.1820W	83	From 1927-11-21 to 1965-05-31
Palomar	PLM	California,U.S.A.	33.3534N	116.8620W	1692	From 1939-09-07
Palomares Rd	LT18	California,U.S.A.	37.6313N	121.9560W	463	From 1969-06-29 to 1980-01-23
Palomares Road	PLC	California,U.S.A.	37.6313N	121.9560W	463	From 1969-06-29 to 1980-01-23
Palomares Road	CPLM	California,U.S.A.	37.6375N	121.9610W	317	From 1980-01-23 to 2008-07-16
Palomo	PALO	Costa Rica	9.7850N	83.8203W	1440	
Palora	PALA	Ecuador	1.6917S	77.9562W	908	
Palos Verdes	PVR	California,U.S.A.	33.7583N	118.3570W	340	From 1956-03-21 to 1981-09-30
Palos Verdes	PVPS	California,U.S.A.	33.7867N	118.4030W		
Palos Verdes	PVRC	California,U.S.A.	33.7522N	118.3710W	183	From 1981-09-30
Palu	PCI	Sulawesi,Indonesia	0.9054S	119.8366E	150	From 1981-01-01
Palu	PLU	Turkey	38.7000N	39.9308E	979	From 1973-09-12
Palub	PALB	Xizang Zizhiqu,China	29.6533N	91.1330E	3675	From 2004-08-27
Pamplona	EXPA	Spain	42.8140N	1.6250W	478	
Panagyurishte	PGB	Bulgaria	42.5500N	24.1667E	775	
Panamint Range	PANV	California,U.S.A.	36.3932N	117.0990W	1697	From 1988-04-01
Panamint Range	PGE	California,U.S.A.	36.3489N	117.0660W	1850	From 1987-11-28 to 1988-02-13
Panarea	PLI	Sicily,Italy	38.6281N	15.0619E	98	
Panarea IE	IPAN	Sicily,Italy	38.6393N	15.0702E	30	From 1985-01-01
Panarotta	PANI	Italy	46.4089N	11.3081E	1850	From 1981-06-15
Panbari	PNBI	Assam,India	26.5333N	93.4833E	350	
Panbu Gunsar	TAGA	Xizang Zizhiqu	29.7400N	91.4600E	3788	From 2006-01-19
Pancar Batu	PCBI	Sumatera,Indonesia	1.8900N	98.9253E	1000	
Pancar Gunung	PACI	Jawa,Indonesia	6.5928S	106.9100E	850	From 1991-10-01
Panda Hill	PDHT	Tanzania	8.9832S	33.2417E	1340	From 1992-06-08
Pandan	PDP	Panay,Philippines	11.7143N	122.0962E		From 1980-04-01
Pandan	PAP	Panay,Philippines	11.7335N	122.1150E		From 1977-04-28 to 1980-04-30
Panekirikiri	PAHZ	North Island,New Zealand	38.8592S	177.0540E	563	From 1983-03-01 to 2003-09-09
Pangkalan Bun	PBKI	Kalimantan	2.7047S	111.6697E	74	From 2005-01-01

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark	
Pangkal Pinang	PPBI	Bangka	2.1616S	106.1364E	64	From 2005-01-01
Panguitch	S15A	Arizona,U.S.A.	37.6761N	112.3627W	2102	From 2007-05-15
Panguna	PAA	Bougainville,Papua New Guinea	6.3006S	155.4910E	699	From 1972-12-04
Panimayida	PAN	Linares,Chile	35.7517S	71.4032W	175	
Panska Ves	PVCC	Czech Republic	50.5282N	14.5689E	311	
Pantabangan	PEP	Luzon,Philippines	15.8110N	121.1070E		
Pantelleria	PTS	Sicily,Italy	36.8111N	11.9961E	100	
Papamoa	PARZ	North Island,New Zealand	37.7335S	176.2900E	180	
Papanoa	PPNM	Guerrero,Mexico	17.3005N	101.0378W	260	
Papayo	PPOM	Guerrero,Mexico	17.0200N	100.2400W	100	
Papeete	PPT	Tahiti, French Polynesia	17.5682S	149.5761W	258	
Papeete	THT	Tahiti, French Polynesia	17.5690S	149.5740W	337	
Papenoo	PPN	Tahiti, French Polynesia	17.5308S	149.4320W	100	
Paphos	PPCY	Cyprus	34.8847N	32.3450E	60	From 1987-02-01
Papudo	PACH	Valparaiso,Chile	32.5370S	71.4370W	692	
Paracas	PCS	Peru	13.8033S	76.2783W	100	
Paradise	PARR	Nevada,U.S.A.	38.7707N	117.8965W	1774	
Paradis Home	SHVB	British Columbia,Canada	48.4723N	123.6360W	69	From 2003-02-27
Paradox Valley	PV05	Colorado,U.S.A.	38.0782N	109.0990W	2115	
Paradox Valley	PV03	Colorado,U.S.A.	38.2543N	108.8480W	2007	
Paradox Valley	PV06	Colorado,U.S.A.	38.3325N	108.4580W	2213	
Paradox Valley	PV02	Colorado,U.S.A.	38.2073N	108.7370W	2166	
Paradox Valley	PV10	Colorado,U.S.A.	38.3763N	109.0390W	2316	
Paradox Valley	PV07	Colorado,U.S.A.	38.4380N	108.6470W	2001	
Paradox Valley	PV08	Colorado,U.S.A.	38.5763N	108.6470W	2940	
Paradox Valley	PV09	Colorado,U.S.A.	38.4987N	109.1330W	2652	
Paradox Valley	PV01	Colorado,U.S.A.	38.1344N	108.5700W	2182	
Paradox Valley	PV15	Colorado,U.S.A.	38.3418N	108.4810W	2280	
Paradox Valley	PV04	Colorado,U.S.A.	38.3934N	108.9050W	1756	
Paragould	PGA	Arkansas,U.S.A.	36.0600N	90.6200W	152	From 1974-12-28 to 1992-02-29
Parabuna	PARB	Sao Paulo,Brazil	23.3382S	45.6217W	767	From 1993-12-01
Paraiso	PRS	California,U.S.A.	36.3317N	121.3700W	363	From 1961-01-01
P'arak'ar	PAAR	Armenia	40.1500N	44.3800E	890	From 1993-08-01
Paralimni	PHNC	Cyprus	35.0040N	34.0320E	175	
Paramo de la Osa	OSV	Venezuela	8.6410N	71.4870W	1780	
Paramo Marino	PDMV	Venezuela	8.3190N	71.8280W	2416	
Paran	PRNI	Israel	30.3519N	35.0046E	411	
Paran-Amol	IPRN	Iran	36.2421N	52.2421E	1330	From 2000-08-01
Paran Flat	KRMI	Israel	30.1174N	34.7250E	468	From 2006-12-07
Parapanda	PARA	Spain	37.3052N	3.9065W	1328	
Paraskevi	PRK	Greece	39.2461N	26.2717E	100	
Parchiule	PARC	Italy	43.6486N	12.2386E	580	From 2008-04-01
Parcerperdue Array	LSU1	Louisiana,U.S.A.	30.0733N	91.9821W	-23	
Parcerperdue Array	LSU5	Louisiana,U.S.A.	30.0673N	92.0542W	-24	
Parcerperdue Array	LSU3	Louisiana,U.S.A.	30.0492N	92.0071W	-24	
Parcerperdue Array	LSU2	Louisiana,U.S.A.	30.0785N	92.0315W	-24	
Parcerperdue Array	LSU4	Louisiana,U.S.A.	30.0350N	92.0463W	-22	
Parga	RGA	Greece	39.3212N	20.3544E	608	From 2007-11-06
Pariaguan	PARV	Venezuela	8.9650N	64.7960W	205	From 2002-04-04
PARIAGUAN	PRGV	Venezuela	8.7601N	64.6456W	175	From 2006-06-14
Pari Array Site 0	PAK0	Pakistan	33.6500N	73.2520E	0	
Paris	PAR	Ile-de-France,France	48.8094N	2.4936E	47	
Paritu Road	PRGZ	North Island	38.9243S	177.8831E	503	From 2007-08-24
Parker Dam,Lake Havasu City	PDMCI	Arizona	34.3000N	114.1400W	144	From 2004-04-01
Parker Ranch, Bruneau	K11A	Idaho,U.S.A.	42.7713N	116.0323W	914	From 2007-02-06
Parkers Pond	PKN	Newfoundland,Canada	47.5858N	52.7833W	210	
Parkfield	PKD1	California,U.S.A.	35.8894N	120.4261W	431	
Parkfield	PKD	California,U.S.A.	35.9452N	120.5416W	583	
Parkfield Array	PPFM	California,U.S.A.	35.8818N	120.4130W	469	From 1968-01-11
Parkfield Array	PKF	California,U.S.A.	35.8818N	120.4130W	469	From 1968-01-11
Park Hill	HPHM	California,U.S.A.	36.8563N	121.4060W	122	From 1970-08-17
Park Hill	PKH	California,U.S.A.	36.8563N	121.4060W	122	From 1970-08-17
Parma	PARMO	Missouri,U.S.A.	36.6635N	89.7522W	85	
PARMA	PRMA	Italy	44.7637N	10.3131E	78	From 2008-06-04
Parndana	PARN	South Australia,Australia	35.8059S	137.2389E	140	
Parnis Oros	MPAR	Greece	38.1513N	23.7357E	1160	
Parod	PARD	Israel	32.5573N	35.2609E	399	
Parque de las Ciencias	APCG	Spain	37.1900N	3.5900W	0	
Pars	IPAR	Iran	29.8419N	53.0485E	2603	From 2002-10-01
Parsons	PB-	Tennessee,U.S.A.	35.7361N	88.1361W	122	From 1962-07-06 to 1962-07-11
Parsons	PB-TN	Tennessee,U.S.A.	35.7361N	88.1361W	122	
Parsons Mountain	PRM	South Carolina,U.S.A.	34.0830N	82.3630W	254	From 1975-07-04
Partacoona	PNA	South Australia,Australia	32.0061S	138.1650E	180	From 1969-09-01 to 2001-09-26
Paruwai Farm	PAWZ	North Island,New Zealand	41.3825S	175.4262E	331	From 2004-07-14
Parys	PRYS	Orange Free State,South Africa	26.9253S	27.3598E	1403	From 2004-03-01
Parys	PRY	Orange Free State,South Africa	26.9283S	27.4733E	1455	
Pasadena	PAS	California,U.S.A.	34.1484N	118.1711W	257	From 1927-03-17 to 2007-10-26
Pasadena Art Cn	PASC	California,U.S.A.	34.1714N	118.1852W	341	
Pas de la Coche	PCHF	Rhone-Alpes,France	45.2182N	6.0304E	2010	From 1980-08-01
Pas du Roy	PRGF	Guadeloupe	16.0362N	61.6622W	1070	
Pasian Peak	PPH	Mindanao,Philippines	7.8492N	126.1872E		From 1980-01-18
Pasiripis	PASI	Jawa,Indonesia	6.6894S	105.5890E	220	From 1991-10-01
Paso Flores	PLCA	Rio Negro,Argentina	40.7328S	70.5508W	956	
Paso Robles	PPRM	California,U.S.A.	35.6477N	120.7010W	279	
Pasto	PSO	Colombia	1.1919N	77.3253W	3010	
Pasture Canyon	PST	Utah,U.S.A.	39.5767N	110.3520W	2118	From 1962-01-01 to 1977-03-31
Pasuquin	PIP	Luzon,Philippines	18.3250N	120.6190E	150	From 1976-01-26
Patacocha	PATA	Ecuador	1.5033S	78.4335W	3725	
Patelzick Creek	PZCI	Idaho,U.S.A.	44.3410N	122.3170W	2073	From 1991-12-08
Paterson	PNJ	New Jersey,U.S.A.	40.9071N	74.1548W	31	From 1972-03-01 to 1996-09-30
Paterson	PATW	Washington,U.S.A.	45.8806N	119.7610W	300	
Patience	SLPA	St Lucia	13.8537N	60.9190W	183	
Patocco-Chiusaforte	PTCC	Italy	46.4053N	13.3533E	770	
Patquia	RTPR	La Rioja,Argentina	30.3022S	66.5114W		
Patras	PAT	Greece	38.2364N	21.7467E	40	
Pauahi	PUH	Hawaii,U.S.A.	19.3770N	155.2180W	994	From 1974-03-01
Paularo	PLRO	Italy	46.5497N	13.1481E	1420	From 1988-01-01
Paul Sauer Dam	PSR	Cape Province,South Africa	33.6800S	24.4100E	360	From 1988-01-01
Paul Wright Trailer	PWTG	California,U.S.A.	38.2773N	119.2520W	1996	From 1979-11-15
Pauzhetka	PAU	Kamchatskaya Oblast',Russia	51.4669N	156.8111E	110	
Pavia	PAV	Italy	45.1833N	9.1736E	77	
Pavliani	VPA	Greece	38.7815N	22.3400E	1084	From 1982-10-01
Pavlikeni	PVL	Bulgaria	43.2167N	25.3333E	97	From 1965-01-01
Pavlof North-6	PN6	Alaska,U.S.A.	55.4528N	161.9205W	808	From 1996-07-01
Pavlof North-7A	PN7A	Alaska,U.S.A.	55.4326N	161.9982W	823	From 1996-07-01
Pavlof South-1A	PS1A	Alaska,U.S.A.	55.4212N	161.7422W	293	From 1996-07-01
Pavlof South-4	PS4	Alaska,U.S.A.	55.3540N	161.8682W	520	
Pavlof South-4A	PS4A	Alaska,U.S.A.	55.3460N	161.8561W	322	From 1996-07-01
Pavlof Volcano	PVV	Alaska,U.S.A.	55.3742N	161.7900W	164	
Pawanui	PWZ	New Zealand	40.0296S	176.8620E	65	
Pawanui	PXZ	North Island,New Zealand	40.0325S	176.8620E	80	From 2005-08-21
Paxson	PAX	Alaska,U.S.A.	62.9708N	145.4690W	1130	From 1969-07-01
Payeh	IPAY	Iran	36.4500N	58.9960E	2300	From 2004-06-01
Payette	I10A	Idaho,U.S.A.	44.0860N	116.8029W	782	From 2006-10-26
Payson	PY-AZ	Arizona,U.S.A.	34.2542N	111.3269W	1516	
Payson	PY-	Arizona,U.S.A.	34.2542N	111.3269W	1516	
Pazar-Rize	PZAR	Turkey	41.1780N	40.8988E	80	From 2007-03-01
Peach Tree Valley	PPTM	California,U.S.A.	36.1083N	120.7210W	506	From 1970-04-16
Peach Tree Valley	PTV	California,U.S.A.	36.1083N	120.7210W	506	From 1970-04-16
Peak Mountain	PKM	California,U.S.A.	34.8958N	119.8190W	1704	From 1976-08-01
Peaks-Kenny Pk	PKME	Maine,U.S.A.	45.2644N	69.2917W	108	
Pea Ridge	PEA	Alabama,U.S.A.	33.2553N	87.4943W	107	
Pea Ridge Mine	MMM	Missouri,U.S.A.	38.1300N	91.0400W	-244	
Pearl BFA Site DOGAMI SMO	PERL	Oregon	45.2382N	122.7790W	68	From 2002-03-19
PEC	PEJK	Montenegro	42.6425N	20.2783E	768	From 2008-07-01
PEC	SMRK	Montenegro	42.8728N	20.9378E	597	From 2008-07-01
Pechory	PECR	Nizhegorodskaya Oblast',Russia	56.3167N	44.0833E		
Peckham Road	PKC	California,U.S.A.	36.9532N	121.6950W	94	From 1967-06-23
Peckham Road	HPRM	California,U.S.A.	36.9532N	121.6950W	94	From 1967-06-23

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Peckham Road	AN8*	California,U.S.A.	36.9532N	121.6950W	94	From 1967-06-23
Pedasi@15	AZU2	Panama	7.5340N	80.0260W	66	
Pedra do Cavalo	PDCR	Bahia,Brazil	12.5313S	39.1225W	220	From 1987-01-01
Pedro Bay	PDB	Alaska,U.S.A.	59.7878N	154.1920W	305	From 1979-02-22
Pedro Cerda	PEE	South Shetland Islands,Antarctica	62.9394S	60.5850W	10	
Pedro Dome	PJD	Alaska,U.S.A.	65.0350N	147.5080W	740	From 1967-01-01 to 1971-11-30
Pedrog??o	PDRG	Portugal	38.1000N	7.6400W	107	From 2007-06-28
Peine	PEI	Antofagasta,Chile	24.6833S	68.0667W	5000	
Pelados	CHP1	Peru	4.6719S	80.4911W	150	From 1979-12-01
Peldehue	PEL	Santiago,Chile	33.1436S	70.6853W	690	
Peleduy	PDY	Sakha,Russia	59.6333N	112.7003E	300	
Peleduy Array Beam Reference Point	PDYAR	Sakha,Russia	59.6553N	112.4408E	489	
Peleduy Array Site 31	PDY31	Sakha,Russia	59.6175N	112.6361E	280	
Pelee Case Pettit	PCM	Martinique	14.8155N	61.2105W	335	
Pelee Island, Stone Alvar Conservation Area	PLIO	Ontario,Canada	41.7505N	82.6284W	143	
Pelican Cone	YPPC	Wyoming,U.S.A.	44.6480N	110.1925W	2932	
Pemberton	PMB	British Columbia,Canada	50.5188N	123.0760W	400	From 1993-06-05 to 2004-11-10
Pembroke	HPE	Wales,United Kingdom	51.9371N	4.7745W	355	From 1990-01-01
Pembroke	PEMO	Ontario,Canada	45.6773N	77.2466W	180	
Pemiscott Bayou	PEBM	Missouri,U.S.A.	36.1131N	89.8623W	76	
Pen@16o@15n de Ve@15lez	PVLZ	Morocco	35.1730N	4.3010W	0	
Penalolen	FSR	Santiago,Chile	33.4785S	70.5275W	781	
Penas	PNS	Bolivia	16.2672S	68.4733W	3986	From 1963-01-01 to 1975-12-31
Penc	PENC	Hungary	47.7905N	19.2817E	250	
Pendagan	PENI	Sumatera,Indonesia	5.5667S	105.1710E	200	From 1991-10-01
Pender Island	PIB	British Columbia,Canada	48.8167N	123.3170W	40	From 1975-11-01 to 1981-04-27
Pendleton	PT-	Oregon,U.S.A.	45.6111N	118.8839W	411	From 1962-01-26 to 1963-07-29
Pendleton	PNO	Oregon,U.S.A.	45.6120N	118.7630W	402	From 1975-06-01
Pendleton	F08A	Oregon,U.S.A.	45.7971N	118.7768W	487	From 2006-07-30 to 2008-06-05
Pendleton	PT-OR	Oregon,U.S.A.	45.6111N	118.8839W	411	From 1962-01-26 to 1963-07-29
Pengchayiu	PCYT	Taiwan region	25.6294N	122.0713E	101	
Penghu	PNG	Taiwan region	23.5672N	119.5550E	11	
P'eng-hu	PHUB	Taiwan region	23.5133N	119.5720E	15	
Peninsula	PNL	Alaska,U.S.A.	59.6687N	139.3970W	579	From 1974-09-02
Penmaenmawr	WPM1	Wales,United Kingdom	53.2581N	3.9048W	353	From 1985-01-01
Penman	PENMO	Missouri,U.S.A.	36.4502N	89.6280W	85	
Pennisì	EPIS	Sicily,Italy	37.6508N	15.1237E	385	From 1994-10-01
Penrod	PNR	Nevada,U.S.A.	38.8213N	118.7940W		
Pensacola	PEN	Florida,U.S.A.	30.4667N	87.1833W		
Pensacola Junior College	PJC	Florida,U.S.A.	30.4806N	87.2011W		
Penteli	PTL	Greece	38.0489N	23.8647E	500	
Penticton	PNT	British Columbia,Canada	49.3167N	119.6170W	550	From 1960-01-01
Penuelas	PNP	Puerto Rico	18.0583N	66.6836W	200	From 1975-07-30
Penzance	CPZ	England,United Kingdom	50.1560N	5.5835W	198	From 1981-01-01
Pera	PFPE	Portugal	37.1340N	8.3178W	33	From 1996-01-01
Peralta Trail, Apache Junction	Z16A	Arizona,U.S.A.	33.3410N	111.4273W	537	From 2007-03-15
Perrygn	PRYG	Poitou-Charentes,France	46.1635N	1.0507W	30	
Permogore	PRGR	Severo-Osetinskaya,Russia	61.6362N	45.6272E	84	
Pernaia	PVF	Finland	60.5451N	25.8616E	45	From 1991-06-11
Pernice	PEERS	Slovenia	46.6359N	15.1167E	795	
Perris	PRR	California,U.S.A.	33.7800N	117.2330W	440	
Perris	PEC	California,U.S.A.	33.8919N	117.1610W	616	From 1970-01-01
Perry Basin	PBU	Utah,U.S.A.	41.4682N	112.0100W	1625	From 1975-09-01 to 1981-11-30
Perryville	PV-AR	Arkansas,U.S.A.	34.9294N	92.6700W	213	From 1962-06-15 to 1962-06-28
Perryville	PRYA	Alaska,U.S.A.	55.9088N	160.1700W	20	From 1993-06-01
Perryville	PV-	Arkansas,U.S.A.	34.9294N	92.6700W	213	From 1962-06-15 to 1962-06-28
Persembe	PERT	Turkey	41.0792N	37.7358E	480	From 1994-06-01 to 1999-09-23
Pertek	PTK	Turkey	38.8920N	39.3920E	1835	From 2004-08-30
Perth	PER	Western Australia,Australia	31.9527S	115.8390E	55	
Perugia	PRG	Italy	43.1014N	12.3969E	495	
Perugia	PEG	Italy	43.1014N	12.3969E	495	
Pesaro	PESA	Italy	43.9410N	12.8402E	221	From 2002-12-02
Pesaro	PRO	Italy	43.9167N	12.9167E		From 1976-06-01
Pesaro	PS1	Italy	43.9167N	12.9167E		From 1976-06-01
Pescadero	PSD	California,U.S.A.	37.1990N	122.3480W	84	From 1970-11-25
Pesch	BD10	Nordrhein-Westfalen	51.0548N	6.4572E	80	From 2001-01-01 to 2006-11-30
Pescosannita	PSB1	Italy	41.2234N	14.8108E	551	
Pescosannita	IPES	Italy	41.2333N	14.8333E	395	From 1999-01-01
Peshawar	PSH	Pakistan	33.9371N	71.4341E	456	From 1976-01-01
Peshawar	PES	Pakistan	34.0050N	71.5483E		
Peshkopia	PHP	Albania	41.6847N	20.4408E	728	
Petauke	PTZ	Zambia	14.2490S	31.3390E	1027	
Peter Faust Dam	PETE	Queensland,Australia	20.4388S	148.4234E	140	
Peter Gray Mountain	PGY	New York,U.S.A.	43.7077N	74.0452W		From 1986-11-01
Petersbachel	PEB	Rheinland-Pfalz,Germany	49.0667N	7.7167E	325	
Petersburg	PSA	Alaska,U.S.A.	56.8083N	132.9533W	17	From 1975-01-01
Petersburg	PBV	Virginia,U.S.A.	36.9823N	77.5312W	49	From 1978-10-10 to 2004-09-30
Petersburg	PBG	Alaska,U.S.A.	56.8010N	132.9277W	37	From 1995-04-19
Petersburg	PBG1	Alaska,U.S.A.	56.7940N	132.9142W	75	
Petersburg Public Schools	PPSA	Alaska,U.S.A.	56.8130N	132.9550W	25	
Peterson	PTR	Alabama,U.S.A.	33.2172N	87.4333W	122	From 1971-01-09
Peters Valley	PVN	New Jersey,U.S.A.	41.1957N	74.8697W	175	From 1973-02-01 to 1974-07-31
Petit Monier	SLW	St Lucia	14.0203N	60.9384W	366	From 1978-06-25
Petit Puy Manson	PYM	Auvergne,France	45.7505N	3.0078E	970	From 1980-06-01
Petnica	PTNS	Serbia,Serbia and Montenegro	44.2467N	19.9357E		
Petorca	PTCH	Valparaiso,Chile	32.2635S	70.9300W	500	
Petrified Forest	W18A	Arizona,U.S.A.	35.1181N	109.7357W	1750	From 2007-05-01
Petropavlovsk	PET	Kamchatskaya Oblast',Russia	53.0239N	158.6531E	68	
Petropavlovsk-Kamchatskiy Array Site A0	PEA0	Russia	53.1082N	157.6989E	400	
Petropavlovsk-Kamchatskiy Array Site A1	PEA1	Russia	53.1132N	157.6984E	391	
Petropavlovsk-Kamchatskiy Array Site A2	PEA2	Russia	53.1078N	157.7051E	381	
Petropavlovsk-Kamchatskiy Array Site A3	PEA3	Russia	53.1071N	157.6897E	415	
Petropavlovsk-Kamchatskiy Array site AOB	PEAOB	Kamchatskaya Oblast',Russia	53.1082N	157.6989E	380	
Petropavlovsk-Kamchatskiy Array Site B1	PEB1	Russia	53.1260N	157.6904E	369	
Petropavlovsk-Kamchatskiy Array Site B2	PEB2	Russia	53.1179N	157.7219E	367	
Petropavlovsk-Kamchatskiy Array Site B3	PEB3	Russia	53.1006N	157.7239E	406	
Petropavlovsk-Kamchatskiy Array Site B4	PEB4	Russia	53.0920N	157.6961E	432	
Petropavlovsk-Kamchatskiy Array Site B5	PEB5	Russia	53.1197N	157.6750E	430	
Petropavlovsk-Kamchatskiy Array site P	PETK	Kamchatskaya Oblast',Russia	53.1082N	157.6989E	400	
Petropavlovsk-Kamchatskiy Array site S2	PES2	Kamchatskaya Oblast',Russia	53.1096N	157.7226E	416	
Petroterminal	PTP1	Panama	8.2047N	82.4282W	10	
Petrulli	EPET	Sicily,Italy	37.7037N	15.1202E	630	From 1994-10-01
Pezze di Greco (BR)	PE1	Italy	40.8050N	17.4230E	80	From 1983-07-01
Pfeiffer Point	BPFM	California,U.S.A.	36.2300N	121.7720W	349	From 1973-12-18
Phalaborwa	PHW	South Africa	23.9505S	31.1388E	440	
Phelps	PHEL	New York,U.S.A.	42.9542N	77.0950W	188	
Philadelphia	PHI	Pennsylvania,U.S.A.	39.9589N	75.1750W	5	From 1934-07-01 to 1971-08-28
Philippi	PX-WV	West Virginia,U.S.A.	39.0761N	79.9111W	518	
Philippi	PX-	West Virginia,U.S.A.	39.0761N	79.9111W	518	
Philisteinsche Polder	PPB	Netherlands	52.6533N	4.6701E	0	
Phinny Hill Vineyards, Prosser	F07A	Washington,U.S.A.	45.8951N	119.9278W	227	From 2006-08-27
Phuket	PKT	Thailand	8.0800N	98.1900E		From 1994-07-01
Phulchoki	PKIN	Nepal	27.5770N	85.3965E	2300	From 2007-04-17
Phu-Lien	PLV	Vietnam	20.8060N	106.6290E	90	From 1924-01-01
Piacenza	PCN	Italy	45.0500N	9.6667E		
Pian Castagno	PCP	Italy	44.5418N	8.5452E	770	From 1989-03-15
Piano d'Api	EPAP	Sicily,Italy	37.6363N	15.1415E	295	From 1994-10-01
Piano Vulcano	PV6*	Sicily,Italy	38.3767N	14.9822E		From 1966-04-01 to 1966-05-01
Piatra Neamt	PTT	Romania	46.9347N	26.3861E	350	From 1987-01-15
Picacho	PICS	El Salvador	13.7394N	89.2550W	1960	From 1991-12-01
Picacho Peak	PIC	California,U.S.A.	32.9142N	114.6430W	263	
Picada	PICA	Costa Rica	10.0255N	83.7858W	2565	
Picayune	PC-MS	Mississippi,U.S.A.	30.5558N	89.7825W	12	From 1966-11-12 to 1966-12-06
Picayune	PC-	Mississippi,U.S.A.	30.5558N	89.7825W	12	From 1966-11-12 to 1966-12-06
Pichilemu	PICH	O'Higgins,Chile	34.3858S	72.0019W	30	
Pichincha	GPNO	Ecuador	0.1530S	78.6222W	4040	
Pickens	PKO	Oklahoma,U.S.A.	34.3973N	95.0311W	264	From 1987-10-16
Pickering	PKRO	Ontario,Canada	43.9643N	79.0714W	197	
Pickett Peak	KPPM	California,U.S.A.	40.3460N	123.3620W	1762	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Pickford	PF-	Michigan,U.S.A.	46.0878N	84.4608W	259	From 1963-01-03 to 1963-06-17
Pickford	PF-MI	Michigan,U.S.A.	46.0878N	84.4608W	259	From 1963-01-03 to 1963-06-17
Pickle Lake	PKLO	Ontario,Canada	51.4987N	90.3522W	376	
Pickwick Lake	PLAL	Alabama,U.S.A.	34.9824N	88.0755W	165	
Pickwick Lake	PWLA	Alabama,U.S.A.	34.9800N	88.0640W	204	From 1980-05-14
Pico	PICO	Azores,Portugal	38.5008N	28.4256W	775	From 1989-05-26
Pico Bartolomeu	BART	Azores,Portugal	37.7772N	25.1689W	887	
Pico da Cruz	PCFZ	Azores,Portugal	37.8448N	25.7585W	845	
Pico das Favas	PCFV	Azores,Portugal	38.7113N	27.0844W	153	From 2004-08-01
Pico do Norte, Sta. Barbara	PSMN	Azores,Portugal	37.0031N	25.0654W	276	From 2003-02-12
Pico dos Bois	PBOI	Azores	38.4362N	28.3754W	540	From 2005-08-01
Pico dos Padres	PPAD	Azores,Portugal	38.7006N	27.2872W	305	From 2003-03-01
Pico do Teixo	PTEI	Azores	38.4950N	28.3565W	820	From 2006-03-01
Pico El Aguila	EAV	Venezuela	8.8550N	70.8230W	4204	
Pico Espejo	PMV	Venezuela	8.5333N	71.0500W	4765	From 1979-01-01 to 2001-08-14
Pico Herrero	APHE	Spain	36.9520N	3.6880W	1360	
Pico Tres Padres	PTVM	Mexico D.F.,Mexico	19.5930N	99.1130W	2230	
Pico Vermelho	PVER	Azores,Portugal	37.7970N	25.5140W	135	From 2003-01-01
Piedade	PIED	Azores,Portugal	38.4190N	28.0538W	235	From 1993-02-02
Pie de Palo	PPA	San Juan,Argentina	31.5156S	68.2686W	550	
Piedimonte	PEPM	Sicily,Italy	37.8188N	15.1778E	470	From 1994-10-01
Piedmont	PDTN	Tennessee,U.S.A.	35.2733N	85.8495W	335	From 1985-09-19
Piedra Blanca	DR09	Dominican Republic	18.8113N	70.4166W	940	
Piedras Gordas	PGX	Baja California,Mexico	31.9620N	116.4420W	970	
Pieia	PIEI	Italy	43.5360N	12.5350E	665	From 2002-03-18
Pierce County East Precinct	PCEP	Washington,U.S.A.	47.1119N	122.2901W	10	
Pierce County Firing Range	PCFR	Washington,U.S.A.	46.9898N	122.4409W	10	
Pierce County Mountain Detachment	PCMD	Washington,U.S.A.	46.8891N	122.3003W	239	
Pierce Ferry	PFA	Arizona,U.S.A.	36.1208N	114.0050W	417	From 1940-10-01 to 1952-06-30
Pierce Place, Pray	G17A	Montana,U.S.A.	45.3212N	110.7398W	1574	From 2007-10-20
Pierpont	PPS	South Carolina,U.S.A.	32.8236N	80.0400W	4	From 1976-03-31
Pietermaritzburg	PIE	Natal,South Africa	29.6200S	30.3967E	656	From 1968-04-01 to 1999-08-25
Pietermaritzburg	PTM	Natal,South Africa	29.6271S	30.4035E	671	
Pietrapaola	PIPA	Italy	39.4851N	16.8158E	479	From 2008-07-02
Pietrapertosa	PTRP	Italy	40.5215N	16.0612E	1077	From 2003-12-05
Pietraquaria	PTQR	Italy	42.0219N	13.4006E	957	
Pietraroja	PTRJ	Italy	41.3641N	14.5290E	1027	From 2007-01-18
Pieve di Cadore	PDC	Italy	46.4100N	12.3700E		
Pigeon Bay	PBS	South Carolina,U.S.A.	33.2790N	80.2640W	25	From 1974-05-20 to 1988-05-23
Pigeon Point	PIG	Trinidad and Tobago	11.1610N	60.8410W		
Pilar	SET3	Azores,Portugal	37.8918N	25.7820W	300	From 1998-10-01
Pilar	PIL	Cordoba,Argentina	31.6683S	63.8833W	338	
Pilarcitos Creek	PCC	California,U.S.A.	37.5000N	122.3820W	91	From 1965-01-01
Pilgrim Creek (NPS), Teton National Park	I17A	Wyoming,U.S.A.	43.9200N	110.5759W	2134	From 2007-09-19
Pilot Hill	PHWY	Wyoming,U.S.A.	41.3016N	105.4578W	2645	
Pilot Hill -- Preliminary Site	PHWY1	Wyoming,U.S.A.	41.2855N	105.4453W	2666	
Pilot Knob	PLT	California,U.S.A.	32.7312N	114.7290W	61	From 1973-04-16
Pilot Rock	PK-	Oregon,U.S.A.	45.3175N	118.9092W	1036	From 1962-06-06 to 1962-06-28
Pilot Rock	G08A	Oregon,U.S.A.	45.2904N	118.9595W	1318	From 2006-08-10
Pilot Rock	PK-OR	Oregon,U.S.A.	45.3175N	118.9092W	1036	From 1962-06-06 to 1962-06-28
Pinalito	DR3	Dominican Republic	19.2725N	70.7688W		
Pinalito	DR03	Dominican Republic	19.2725N	70.7688W	710	
Pinar	PINR	Spain	36.4990N	6.1183W	10	
Pinarbasi	PINB	Turkey	38.6769N	36.4027E	2288	From 2006-10-19
Pinares de Mayari	PINC	Cuba	20.4870N	75.7910W		
Pinatubo--East Slope	PINP	Luzon,Philippines	15.2190N	120.3340E	350	
Pinawa	PWM	Manitoba,Canada	50.1919N	96.0364W	274	From 1978-10-06 to 1984-05-15
Pindari Dam	PDDM	Queensland,Australia	29.3801S	151.2429E	499	
Pindiu	PDUJ	Papua New Guinea	6.4470S	147.5110E	950	From 1988-06-16
Pine Canyon	BPCM	California,U.S.A.	36.5650N	121.6360W	268	From 1976-02-14
Pine Canyon	AN1*	California,U.S.A.	36.5622N	121.6360W	305	From 1967-09-24 to 1976-12-31
Pine Canyon	PNC	California,U.S.A.	36.5622N	121.6360W	305	From 1967-09-24 to 1976-12-31
Pine Creek	PN-OR	Oregon,U.S.A.	43.7431N	118.5772W	1250	
Pine Creek	PN-	Oregon,U.S.A.	43.7431N	118.5772W	1250	
Pine Creek	PINI	Idaho,U.S.A.	43.5076N	111.3460W	1932	From 1986-01-01
Pinedale	PI2WY	Wyoming,U.S.A.	42.7672N	109.5619W	2195	
Pinedale	PI1	Wyoming,U.S.A.	42.5953N	109.5450W	2195	From 1973-06-08 to 1973-08-13
Pinedale	PI2	Wyoming,U.S.A.	42.7750N	109.7400W	234	From 1965-03-01 to 1965-04-26
Pinedale	PI3	Wyoming,U.S.A.	42.4417N	109.5790W	2164	From 1973-10-18 to 1973-12-11
Pinedale	PI4	Wyoming,U.S.A.	42.6283N	109.8930W	2194	From 1973-12-11 to 1974-02-22
Pinedale	PI5	Wyoming,U.S.A.	42.5671N	109.9120W	2273	From 1974-03-01 to 1976-01-31
Pinedale	PI7	Wyoming,U.S.A.	42.4397N	109.5730W	2179	From 1974-03-01 to 1976-01-31
Pinedale	PIN	Wyoming,U.S.A.	42.5825N	109.7170W	2225	From 1973-03-22 to 1973-06-08
Pinedale	PI-	Wyoming,U.S.A.	42.4528N	109.5486W	2170	From 1964-01-22 to 1964-04-29
Pinedale	PI-WY	Wyoming,U.S.A.	42.4528N	109.5486W	2170	From 1964-01-22 to 1964-04-29
Pinedale	PI6	Wyoming,U.S.A.	42.7262N	109.6060W	2225	From 1974-03-01 to 1976-01-31
Pinedale Array Beam Ref. Point	PDAR	Wyoming,U.S.A.	42.7667N	109.5579W	2214	
Pinedale Array Site 1	PD01	Wyoming,U.S.A.	42.7765N	109.5832W	2199	
Pinedale Array Site 10	PD10	Wyoming,U.S.A.	42.7595N	109.5570W	2216	
Pinedale Array Site 11	PD11	Wyoming,U.S.A.	42.7526N	109.5769W	2182	
Pinedale Array Site 12	PD12	Wyoming,U.S.A.	42.7551N	109.5631W	2186	
Pinedale Array Site 13	PD13	Wyoming,U.S.A.	42.7551N	109.5497W	2337	
Pinedale Array Site 2	PD02	Wyoming,U.S.A.	42.7782N	109.5664W	2218	
Pinedale Array Site 3	PD03	Wyoming,U.S.A.	42.7759N	109.5496W	2293	
Pinedale Array Site 31	PD31	Wyoming,U.S.A.	42.7667N	109.5579W	2214	
Pinedale Array Site 4	PD04	Wyoming,U.S.A.	42.7660N	109.5744W	2185	
Pinedale Array Site 5	PD05	Wyoming,U.S.A.	42.7704N	109.5666W	2184	
Pinedale Array Site 7	PD07	Wyoming,U.S.A.	42.7704N	109.5445W	2331	
Pinedale Array Site 8	PD08	Wyoming,U.S.A.	42.7589N	109.5836W	2190	
Pinedale Array Site 9	PD09	Wyoming,U.S.A.	42.7618N	109.5672W	2208	
Pinedale Infrasonic Array Beam Reference Point	PDIAR	Wyoming,U.S.A.	42.7663N	109.5939W	2332	
Pine Lake Middle School	PNLK	Washington,U.S.A.	47.5806N	122.0284W	10	
Pine Mountain	VPIM	Oregon,U.S.A.	43.7908N	120.9450W	1932	
Pine Mountain	PEM	California,U.S.A.	34.1673N	117.8700W		From 1976-02-01
Pine Mountain	PMT	Oregon,U.S.A.	43.7909N	120.9450W	1924	From 1969-09-22 to 1984-01-17
Pine Mountain	GPMM	California,U.S.A.	38.8475N	122.9463W	783	From 1973-09-21
Pine Mountain	PINOR	Oregon,U.S.A.	43.8111N	120.8719W		
Pine Mountain	WPMQ	Queensland,Australia	27.5357S	152.7360E	35	From 1977-03-18
Pine Pass	PPC	British Columbia,Canada	55.4000N	122.6170W		From 1969-07-01 to 1973-04-06
Pinerolo	PNI	Italy	44.9192N	7.3139E	585	From 1971-03-01
Pineville	PE-WV	West Virginia,U.S.A.	37.6147N	81.6653W	427	From 1962-07-06 to 1962-07-17
Pineville	PE-	West Virginia,U.S.A.	37.6147N	81.6653W	427	From 1962-07-06 to 1962-07-17
Pingtung City	TSPT	Taiwan region	22.6770N	120.4960E	25	From 1999-08-04
Pinkham Creek	PNK	Montana,U.S.A.	48.7677N	115.0880W	1150	From 1971-02-01 to 1974-07-10
Pinlang	TWG	Taiwan region	22.8207N	121.0720E	195	From 1972-09-25
Pinnacle	PINM	Alaska,U.S.A.	60.0967N	140.2570W	975	From 1974-09-05
Pinnacle	PCA	Alaska,U.S.A.	60.0967N	140.2570W	975	From 1974-09-05
Pinnacle Mountain	PNN	Alaska,U.S.A.	56.8050N	157.5830W	442	
Pinnacles	BPIM	California,U.S.A.	36.4900N	121.1680W	329	From 1975-07-03
Pino	PINO	Ecuador	0.1580S	78.6077W	4600	
Pinole Ridge	CPIM	California,U.S.A.	37.9889N	122.2150W	226	
Pinon	PBVM	Mexico D.F.,Mexico	19.4412N	99.0843W		
Pinotepa	PNVG	Guerrero,Mexico	16.3923N	98.1271W	350	
Pinotepa	PIO	Oaxaca,Mexico	16.3947N	98.1270W	200	
Pinto Mountains	PNMC	California,U.S.A.	33.9773N	115.8010W	1147	
Pinyon Flat Observatory	PFO	California,U.S.A.	33.6092N	116.4550W	1280	
Pinyon Peak	BPPM	California,U.S.A.	36.1687N	121.3780W	1591	From 1973-12-19
Pioggiola	PGF	Corse,France	42.5483N	8.9994E	1130	From 1989-11-15
Pipehead	PHDM	New South Wales,Australia	33.8470S	150.9690E	90	
Piper Mountain	PPK	California,U.S.A.	37.4249N	117.9063W	1855	
Pipestone	PP-	Minnesota,U.S.A.	44.0775N	96.1508W	533	
Pipestone	PP-MN	Minnesota,U.S.A.	44.0775N	96.1508W	533	
Piqa, Costa Abajo de Colson	PINA	Panama	9.2540N	80.0636W	34	From 2004-10-01
Piqua	PIOH	Ohio,U.S.A.	40.1580N	84.2115W	301	
Pira-Pirasos	VPP	Luzon,Philippines	14.0340N	121.0000E	10	
Pirkuli	PQL	Azerbaijan	40.7890N	48.5930E	1481	From 2003-08-01
Pirkuli	PRLS	Azerbaijan	40.7850N	48.5900E	1448	From 1996-01-01
Pirmasens	PIR	Rheinland-Pfalz,Germany	49.2000N	7.6074E	400	From 1968-01-01
Pirpir	IPIR	Iran	32.6841N	50.8917E	2587	From 2000-09-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Pirque	PCH	Santiago,Chile	33.6208S	70.5139W	1010	From 1982-01-01
Pisa	PIL	Italy	43.7219N	10.5249E	66	
Pisa	PIS	Italy	43.5833N	10.6833E		
Pisayambo	PISA	Ecuador	1.0585S	78.3855W	3931	From 1995-02-10
Pisco	PT06	Peru	13.8292S	76.3310W	220	
Pishtovo	PSV	Tajikistan	38.6000N	69.9000E		
Pistoia	PSL	Italy	44.0078N	10.9656E	810	
Pistol Creek	PCMT	Montana,U.S.A.	47.2152N	114.0278W	1873	
Piszkesteto	PSZ	Hungary	47.9184N	19.8944E	940	
Pitcairn Island	PTCN	Pitcairn Island	25.0714S	130.0953W	223	
Pitcher Mountain	PNH	New Hampshire,U.S.A.	43.0942N	72.1358W	659	From 1976-01-01
Pitchstone Plateau	YPP	Wyoming,U.S.A.	44.2710N	110.8045W	2707	
Pithoragarh	PTH	Uttar Pradesh,India	29.5500N	80.2167E	1669	
Pitinga	PTGA	Brazil	0.7308S	59.9666W	137	From 1995-01-01
Piton Saint Esprit	SLPE	St Lucia	13.8431N	60.9952W	460	
Pitten	PIA	Austria	47.7175N	16.1931E	380	
Pitt Meadows	PIMB	British Columbia,Canada	49.2743N	122.6661W	43	
Pittsburgh	PIT	Pennsylvania,U.S.A.	40.4450N	79.9533W	273	From 1929-01-01 to 1962-01-31
Piute Mountains	PIU	California,U.S.A.	34.7403N	115.0940W	1209	From 1974-04-01 to 1976-10-31
Piute Reservoir	PIUU	Utah,U.S.A.	38.3633N	112.2800W	2598	
Piuthan	PYUN	Nepal	28.1000N	82.9900E	1867	From 1994-04-01
Piva	PIV	Solomon Islands,Papua New Guinea	6.2000S	155.0580E	60	
Pizona Creek	PZC	California,U.S.A.	37.9652N	118.5683W	2103	
Pizzo Deneri	EPDN	Sicily,Italy	37.7670N	15.0173E	2820	From 1989-08-01
Pizzo Felice	EPZF	Sicily,Italy	37.8240N	14.8570E	1140	From 1990-04-01
Pizzo Paviglione	EPPA	Sicily,Italy	37.7888N	14.9078E	1275	From 1994-10-01
Placanica	PLAC	Italy	38.4494N	16.4383E	602	From 2005-10-18
Placerville	I11A	Idaho,U.S.A.	43.9121N	115.9578W	1288	From 2006-11-16
Plant 15--Mercuryville	GFTM	California,U.S.A.	38.7930N	122.8340W	755	
Plasencia	EPLA	Spain	40.0642N	6.0803W	591	From 1985-08-01
Plata	PLAT	Spain	36.1226N	5.7655W	414	
Platanillo	PLJG	Guerrero,Mexico	18.3923N	99.5023W	875	
Plateau Road	PRRZ	North Island	38.4989S	176.3929E	392	From 2007-11-14
Platillon	PLAV	Venezuela	9.8740N	67.5024W	1830	From 1984-01-01
Platte Center	PCNE	Nebraska,U.S.A.	41.5392N	97.4275W	482	
Plattsburgh	PNY	New York,U.S.A.	44.8342N	73.5550W	177	From 1971-08-01 to 2004-03-11
Plattsburgh	PNZ	New York,U.S.A.	44.8354N	73.5770W	215	
Plauen	PLN	Thuringen,Germany	50.4867N	12.1589E	420	
Play	PVY	Montenegro,Serbia and Montenegro	42.5950N	19.9735E	1250	From 1984-11-01
Playas Peak, Playas	220A	New Mexico,U.S.A.	31.9041N	108.5266W	1395	From 2008-02-15
Playitas	PVTN	Nicaragua	12.5377N	86.0577W	460	
Playitas	PVT	Nicaragua	12.5282N	86.0647W	460	From 1975-01-01
Pleasant Camp	PLBC	British Columbia,Canada	59.4567N	136.3650W	280	From 1990-09-20
Pleasant Grove	PGM	Mississippi,U.S.A.	34.4640N	90.1125W	105	From 1979-08-24
Pleasanton	CPNM	California,U.S.A.	37.6502N	121.8620W	200	From 1980-01-01
Pleasant Valley	PEV	California,U.S.A.	36.9770N	121.8320W	158	
Pleasant Valley	JPLM	California,U.S.A.	36.9770N	121.8320W	158	
Pleito Hills	PLEC	California,U.S.A.	34.9685N	119.0680W	1082	
Plekhanov	TI2	Georgia	41.7333N	44.7500E	420	From 1978-01-01
Plevna	PLVO	Ontario,Canada	45.0396N	77.0754W	279	
Plijevlja	PLE	Montenegro,Serbia and Montenegro	43.3299N	19.3942E	1181	From 1983-12-25
Plockton	KPL	Scotland,United Kingdom	57.3391N	5.6527W	36	From 1986-04-18
Pions	PLONS	Switzerland	47.0492N	9.3807E	1020	
Plostina	PLOR	Romania	45.8512N	26.6498E	657	From 2004-09-01
Plostina Array site 1	PLOR1	Romania	45.8520N	26.6466E	706	From 2007-10-07
Plostina Array site 2	PLOR2	Romania	45.8502N	26.6437E	701	From 2007-10-07
Plostina Array site 3	PLOR3	Romania	45.8540N	26.6455E	722	From 2007-10-07
Plostina Array site 4	PLOR4	Romania	45.8512N	26.6498E	680	From 2007-10-07
Plodiv	PLD	Bulgaria	42.1049N	24.7031E	176	From 1983-08-01
Plymouth	PLY	Trinidad and Tobago	11.2170N	60.7790W	9	
Poas	POA	Costa Rica	10.1523N	84.2171W	2093	From 1984-03-17 to 1986-05-06
Poas 2	POA2	Costa Rica	10.1772N	84.2508W	2500	From 1986-05-06
Poblet	EPOB	Spain	41.3527N	1.0786E	890	
Poccatello Creek	PTI	Idaho,U.S.A.	42.8703N	112.3700W	1670	From 1984-11-01
Pocatky	POCA	Czech Republic	50.3193N	12.4346E	800	
Pochutla	PLO	Oaxaca,Mexico	15.7402N	96.4583W	280	
Podgorica	PDG	Montenegro,Serbia and Montenegro	42.4297N	19.2608E	40	From 1960-01-01
Podgorica	TTG	Montenegro,Serbia and Montenegro	42.4297N	19.2608E	40	From 1960-01-01
Podgornoye	PDGK	Kazakhstan	43.3274N	79.4849E	0	
Podkova	PDK	Kamchatskaya Oblast',Russia	56.1400N	160.7800E	800	
Podkum	PDKS	Slovenia	46.0612N	14.9978E	679	
Pofadder	POF	Cape Province,South Africa	29.3817S	19.9500E	940	From 1986-01-01 to 2000-09-01
Poggio Sodo	PGD	Italy	43.8753N	11.7214E	500	
Pogoanele	PGOR	Romania	44.9080N	26.9846E	98	From 2004-05-06
Pogromni	WPOG	Alaska,U.S.A.	54.5970N	164.7450W	445	
Pohakuloa	POHA	Hawaii,U.S.A.	19.7575N	155.5325W	1967	
Pohang	KSPHA	South Korea	36.1929N	129.3708E	39	From 2004-12-20
Pohang	KSPOH	South Korea	36.0245N	129.3758E	1	
Pohang	PHN	South Korea	36.0300N	129.3600E		
Pohnpei	PATS	Caroline Islands,Micronesia	6.8367N	158.3125E	10	
Pohoiki	POH	Hawaii,U.S.A.	19.4570N	154.8540W	16	
Point Arena AFB	GAFM	California,U.S.A.	38.8932N	123.5380W	710	
Point Barrow	PTB	Alaska,U.S.A.	71.1333N	156.8000W		
Point Dume	PT2	California,U.S.A.	34.0042N	118.8060W	40	
Pointe Anglais	ICQ	Quebec,Canada	49.5217N	67.2719W	58	From 1991-01-08
Pointe-a-Pierre	TPP	Trinidad and Tobago	10.3170N	61.4510W	46	
Pointe Michel	DPMT	Dominica	15.2609N	61.3770W	50	
Pointe Molloy	PMK	Kerguelen Islands	49.3609S	70.0669E	22	
Point Lisas	PLS	Trinidad and Tobago	10.4130N	61.4900W		From 1977-10-01 to 1978-06-01
Point Lookout	PLVA	Virginia,U.S.A.	36.6673N	81.1582W	1353	From 1982-11-30 to 2008-02-13
Point Molate	CPMM	California,U.S.A.	37.9490N	122.4080W	116	
Point of Rocks Canyon, Magdalena	Y21A	New Mexico,U.S.A.	34.0087N	107.6740W	2168	From 2008-01-31
Point Pleasant	PPLM	Missouri,U.S.A.	36.4034N	89.5831W	82	
Point Reyes	PRC	California,U.S.A.	38.0800N	122.8670W	404	
Point Reyes	NPRM	California,U.S.A.	37.9965N	123.0160W	165	
Point Sur Hydrophone	PSUR	California,U.S.A.	36.3016N	122.3933W		
Pokaka	PKVZ	North Island,New Zealand	39.2911S	175.3461E	770	From 2005-03-16
Pola	POL	Croatia	44.8667N	13.8500E	32	
Pole Canyon	PCY	Utah,U.S.A.	38.3330N	112.9010W	2033	
Pole Creek	PCID	Idaho,U.S.A.	43.9137N	114.7780W	2262	From 1992-12-01
Pole Mountain	PMW	Wyoming,U.S.A.	41.2100N	105.3350W	2240	From 1961-12-08 to 1963-08-31
Pole Mountain	PM-WY	Wyoming,U.S.A.	41.2075N	105.3608W	2469	From 1961-11-25 to 1963-07-10
Pole Mt.	PM-	Wyoming,U.S.A.	41.2075N	105.3608W	2469	From 1961-11-25 to 1963-07-10
Polichno	POLL	Slovakia	48.3578N	19.1575E	550	From 2002-10-01
Polilio Island	POLP	Luzon,Philippines	14.7280N	121.9390E	32	
Polino	POI	Italy	42.5806N	12.8836E	1200	
Polino	PO9	Italy	42.5806N	12.8836E		
Poliiokeawe Pali	PWH	Hawaii,U.S.A.	19.2837N	155.2250W	169	From 1973-05-23
Pollina	PLLN	Sicily,Italy	37.9919N	14.1436E	762	
Polly Butte	POB	California,U.S.A.	33.6867N	116.9230W	1003	
Poltava	NE58	Ukraine	49.6030N	34.5430E	166	
Polygyros	PLG	Greece	40.3739N	23.4456E	580	
Pomanovo	PR1R	Severo-Osetinskaya,Russia	59.1846N	56.7446E	160	
Pomariorio	PMO	Tuamotu,French Polynesia	15.0017S	147.8942W	2	
Pomariorio Reef	PMOR	Tuamotu,French Polynesia	15.0022S	147.8942W	2	
Pomeroy	PH-WA	Washington,U.S.A.	46.3236N	117.3281W	945	
Ponio	PNB	New Britain,Papua New Guinea	5.5250S	151.5080E	4	From 1971-08-06 to 1972-05-31
Pomona	POM	California,U.S.A.	34.1000N	117.7170W	350	From 1949-01-01 to 1999-08-25
Pomona	PCF	California,U.S.A.	34.0532N	117.7910W		From 1976-01-01
Pompeii	PMP	Italy	40.7500N	14.5000E		
Ponca City	PCO	Oklahoma,U.S.A.	36.6930N	96.9825W	324	From 1977-07-05
Ponce	PON	Puerto Rico	18.0033N	66.6139W	50	From 1974-08-16 to 1975-07-17
Ponce	PZ-PR	Puerto Rico	17.9700N	66.4178W	5	From 1963-09-10 to 1964-03-13
Ponce	PZ-	Puerto Rico	17.9700N	66.4178W	5	From 1963-09-10 to 1964-03-13
Ponciano Ridge	BPRM	California,U.S.A.	36.4070N	121.7300W	741	
Pond Inlet	PINU	Canada	72.6971N	77.9748W	36	
Pondosa	LPDM	California,U.S.A.	41.1953N	121.6960W	1231	
Poneloya	PYN	Nicaragua	12.3822N	87.0223W	50	From 1975-01-01
Pong	PONG	India	31.9533N	75.9500E	0	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Pongarao	PGZ	North Island,New Zealand	40.6188S 176.2737E	60	From 1988-04-01 to 1996-06-30
Pongola	POG	Natal,South Africa	27.3698S 31.6117E	290	From 1994-01-01 to 2005-10-30
Pongola	POGA	South Africa	27.3698S 31.6117E	290	From 2005-03-04
Ponia Delgada	PDA	Azores,Portugal	37.7467N 25.6633W	35	
Ponta do Capelo	PTCA	Azores	38.5845N 28.7966W	243	From 2005-08-01
Ponta Puerca	PTP	Puerto Rico	18.2362N 65.6175W		
Pont de Suert	PONT	Spain	42.4043N 0.7573E	1220	
Pontebba	POBI	Italy	46.5133N 13.2767E	860	From 1983-01-30 to 1988-01-01
Ponte de Pedra	PP1B	Mato Grosso,Brazil	17.6003S 54.8797W	368	From 2003-06-19
Pontenova	EPON	Spain	43.3270N 7.1494W	440	
Pontiac	PW-	Illinois,U.S.A.	40.9161N 88.5853W	210	From 1966-06-29 to 1966-06-30
Pontiac	PW-IL	Illinois,U.S.A.	40.9161N 88.5853W	210	From 1966-06-29 to 1966-06-30
Pontianak	PTKI	Kalimantan	0.1454S 109.4049E	0	From 2005-01-01
Pony Springs, Pioche	R12A	Nevada,U.S.A.	38.3281N 114.6076W	1845	From 2007-01-25
Poona	POO	Maharashtra,India	18.5295N 73.8492E	560	From 1964-10-05
Poorman Mine	PMC	Colorado,U.S.A.	40.0300N 105.3370W	1990	From 1965-01-01 to 1969-12-31
Popeni	PPE	Romania	46.2578N 27.8503E	267	From 1981-01-01
Popesti-Leordeni	POPR	Romania	44.3554N 26.2034E	109	From 2003-11-02
Poplar Bluff	PBMO	Missouri,U.S.A.	36.7786N 90.4297W	143	
Popocatepetl	PPM	Puebla,Mexico	19.0667N 98.6267W	3980	
Popondetta	POP	Papua New Guinea	8.7344S 148.2490E	100	From 1964-12-01 to 1966-02-28
Poppy Hill Road	APRM	California,U.S.A.	38.8770N 121.2170W	133	From 1976-07-15
Porangahau	PRHZ	North Island	40.2681S 176.6350E	326	From 2008-01-14
Porcher Bluff	PBF	South Carolina,U.S.A.	32.8585N 79.7642W	-58	
Porculla	PT18	Peru	5.8620S 79.4870W	2970	
Porcupine Dome	PRP	Alaska,U.S.A.	65.5178N 145.5220W	1498	From 1990-02-16
Pores Knob	PKNC	North Carolina,U.S.A.	36.0460N 81.1580W	785	From 1982-11-11 to 2008-02-13
Porkkala	PKK	Finland	60.0052N 24.5169E	10	
Portachuelo	PCHP	Peru	6.0330S 79.6830W	150	
Portage	PTE	Alaska,U.S.A.	60.8645N 149.0240W	55	From 1972-08-29
Portage	PTU	Utah,U.S.A.	41.9293N 112.3250W	2192	From 1976-12-17
Portage Bay	POBM	Missouri,U.S.A.	36.4085N 89.6622W	82	
Portageville	PTG	Missouri,U.S.A.	36.4277N 89.7037W		
Portageville	PVMO	Missouri,U.S.A.	36.4137N 89.6997W	98	
Portageville	PVMO	Missouri,U.S.A.	36.4137N 89.6997W	98	
Portalegre	PRL	Portugal	39.3117N 7.3594W	1020	
Port Angeles	B04A	Washington,U.S.A.	48.0575N 123.5040W	293	From 2005-10-21 to 2008-02-15
Port Antonio	PAJ	Jamaica	18.1700N 76.4560W	201	
Port-aux-Francais	PAF	Kerguelen Islands	49.3506S 70.2133E	17	
Port Bizet	KPB	Kerguelen Islands	49.5200S 69.9010E		From 1974-02-01
Port Blair	PBA	Andaman Islands,India	11.6559N 92.7428E	17	
Port Clements	PCB	British Columbia,Canada	53.7061N 132.5670W	634	
Port Colborne	PTCO	Ontario,Canada	42.8844N 79.3115W	180	
Port Douzieme	KPD	Kerguelen Islands	49.5170S 70.1570E		From 1974-02-01
Port Fidalgo	FID	Alaska,U.S.A.	60.7500N 146.4790W	457	From 1974-10-07
Port Gamble	PGW	Washington,U.S.A.	47.8219N 122.5990W	122	
Port Hardy	PHC	British Columbia,Canada	50.7067N 127.4320W	33	From 1962-12-01
Port Heiden	PHA	Alaska,U.S.A.	56.9883N 158.6750W		
Port Laguerre	NOUC	New Caledonia	22.1011S 166.3030E	112	From 1988-03-21
Portland	POR	Maine,U.S.A.	43.6833N 70.2833W		
Portland	PTD	Oregon,U.S.A.	45.5083N 122.7160W	208	From 1964-05-01
Portland Cottage	PCJ	Jamaica	17.7413N 77.1574W	98	From 1978-07-20
Port Louis	SEG	Guadeloupe	16.4028N 61.5052W	60	From 1981-01-01
Port Mandanici	MPNC	Sicily,Italy	38.1450N 15.3520E	385	From 1993-12-01
Port Moller	PMA	Alaska,U.S.A.	55.9786N 160.4970W	314	From 1972-09-16 to 1978-10-12
Port Moresby	PMG	Papua New Guinea	9.4062S 147.1590E	65	From 1957-12-01
Porto	PTO	Portugal	41.1386N 8.6022W	88	From 1912-01-01
Porto Alegre	UFRS	Rio Grande do Sul,Brazil	30.0540S 51.1244W	296	From 1994-04-01
Porto Cannone	PTC	Italy	41.9297N 15.0425E	40	
Porto d'Ischia	PDI	Italy	40.7333N 13.9500E	37	
Portola Park	JPPM	California,U.S.A.	37.2645N 122.2130W	186	From 1966-12-22
Portola State Park	LT3	California,U.S.A.	37.2645N 122.2130W	186	From 1966-12-22
Porto Murinho	PTMB	Mato Grosso,Brazil	21.4631S 57.4756W	240	From 1994-10-01
Porton East	POE	England,United Kingdom	51.1447N 1.6539W	125	From 1975-09-28
Porton South	POS	England,United Kingdom	51.1381N 1.6333W	122	From 1977-11-01 to 1978-07-12
Porto Primavera	POPB	Brazil	22.4565S 52.8368W	280	
Porto Santo	PMPST	Madeira Islands,Portugal	33.0570N 16.3330W	47	
Porto Santo, Madeira	PMPST	Madeira Islands	33.0788N 16.3334W	240	From 2008-06-06
Port Renfrew	PFB	British Columbia,Canada	48.5717N 124.4400W	550	From 1983-06-15
Port Royal	PRJ	Jamaica	17.9352N 76.8438W	2	From 1969-08-09
Portsmouth	PSDMZ	Dominica	15.5770N 61.4563W	0	
Port Stanley	PSF	Falkland Islands	51.7000S 57.8667W		
Portuguez	PORP	Puerto Rico	18.0538N 66.6370W	218	From 1989-08-01
Port Vila	PVC	Vanuatu	17.7400S 168.3120E	80	From 1960-01-01
Port Wells	PWL	Alaska,U.S.A.	60.8593N 148.3350W	549	
Porvoo	PRF	Finland	60.3855N 25.6805E	10	
Porvoo	PRV	Finland	60.3571N 25.5584E	25	
Posio	KUJ	Finland	66.1469N 28.5984E	245	From 2004-12-15
Post	PO-	Texas,U.S.A.	33.4756N 101.3622W	914	From 1961-12-09 to 1961-12-20
Post	PO-TX	Texas,U.S.A.	33.4756N 101.3622W	914	From 1961-12-09 to 1961-12-20
Posta Fibreno	POFI	Italy	41.7174N 13.7120E	878	From 2007-03-28
Poste Baleine	PBQ	Quebec,Canada	55.2767N 77.7433W	20	
Post Office Road	POWZ	New Zealand	40.3935S 175.7678E	295	From 2008-04-23
Post Ranch	BPOM	California,U.S.A.	36.2287N 121.7670W	354	
Potato Knob	PKKY	Kentucky,U.S.A.	38.3830N 83.0340W	336	From 1985-01-01
Potenciana	PTCR	Costa Rica	9.7895N 84.4295W	1510	From 1984-03-17
Potenciana 2	POCR	Costa Rica	9.7843N 84.4042W	1360	
Potenza	PZUN	Italy	40.6459N 15.8071E	0	From 2005-07-25
Potrerito	POTV	Venezuela	9.9980N 67.4508W	1002	From 2004-07-01
Potrero Grande	POGM	Guerrero,Mexico	17.3752N 100.6213W	650	
Potrero Hills	POTR	California,U.S.A.	38.2026N 121.9354W	20	
Potsdam	POT	Brandenburg,Germany	52.3803N 13.0678E	80	
Potsdam Coll	POTS	New York,U.S.A.	44.6634N 74.9732W	112	From 2006-05-22
Potsdam (NY)	PTN	New York,U.S.A.	44.5700N 74.9819W	197	From 1971-10-01
Potts Junction	PJG	Mariana Islands	13.5893N 144.8684E	199	From 1957-05-01
Potts Mountain	VVV	Virginia,U.S.A.	37.4660N 80.3917W	963	
Pottstown	PJ-PA	Pennsylvania,U.S.A.	40.2828N 75.5836W	91	
Pouilloux	POU	Bourgogne,France	46.6146N 4.3652E		
Poverty Ridge	CB7	California,U.S.A.	37.4292N 121.7425W	975	From 1968-07-12 to 1970-05-07
Powhatan	POW	Arkansas,U.S.A.	36.1520N 91.1850W	156	From 1974-06-19 to 1992-02-29
Pozza Rica	PZX	Veracruz,Mexico	20.5389N 97.4592W	150	
Pozza Ferrara, Ferrara di Monte Baldo (VR)	PZF	Italy	45.6558N 10.8322E	1095	From 2006-11-16
Pozzilli	PLI2	Italy	41.5314N 14.0586E	575	
Pozzillo	EPOZ	Italy	37.5136N 15.0822E	117	From 2006-07-12
Pozzuoli	IPOZ	Italy	40.8203N 14.1205E	3	From 1982-01-01
Prado	PRAC	Colombia	3.6953N 74.9013W	414	From 1994-01-01
Pradon	PRAF	Provence-Cote d'Azur,France	43.8042N 5.1692E	700	From 1982-11-01
Prague	PRA	Czech Republic	50.0703N 14.4331E	225	
Prainha do Norte	PPNO	Azores,Portugal	38.4716N 28.2638W	725	From 2002-08-01
Prairie City	H08A	Oregon,U.S.A.	44.5191N 118.6704W	1373	From 2006-07-28
Prapat	PSI	Sumatera,Indonesia	2.8010N 98.9240E	987	
Prato	PTF	Italy	43.9594N 11.0697E	550	
Prato-Toscana	PRT	Italy	43.8800N 11.0942E	61	
Prazzo	PZZ	Italy	44.5050N 7.1013E	1420	
Presa Benito Juarez	PBJ	Oaxaca,Mexico	16.4367N 95.4067W	213	
Presa Caracol 1	CC1	Guerrero,Mexico	17.9400N 100.0100W	1000	
Presa Caracol 2	CC2	Guerrero,Mexico	17.9930N 100.1010W	1000	
Presa Caracol 3	CC3	Guerrero,Mexico	17.9885N 99.9847W		
Presa Caracol 4	CC4	Guerrero,Mexico	18.0200N 99.9000W	1000	
Presa Caracol 5	CC5	Guerrero,Mexico	17.5400N 99.2780W		
Presa de Sabaneta	SDDR	Caribbean Sea,U.S.A.	18.9821N 71.2878W	589	
Presa Infiernillo	PIM	Guerrero,Mexico	18.2750N 101.8820W	81	
Presa Madin	MDVM	Mexico D.F.,Mexico	19.5365N 99.2490W	2405	
Presa Malpaso	PMM	Chiapas,Mexico	17.1700N 93.6028W	215	
Presa Marin	PNVM	Mexico D.F.,Mexico	19.3470N 98.9180W		
Presa Penitas 1	PN1	Chiapas,Mexico	17.4690N 93.4880W		
Presa Penitas 2	PN2	Chiapas,Mexico	17.4380N 93.4505W		
Presa Penitas 3	PN3	Chiapas,Mexico	17.3540N 93.6080W		
Presa Penitas 4	PN4	Chiapas,Mexico	17.1790N 93.3950W		

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Preselemtsi	PSN	Bulgaria	43.6822N 28.1836E	171	From 1983-08-01
Presidente	PPD	Sao Paulo,Brazil	22.0314S 51.3119W	406	From 1988-02-01
Presidio of San Francisco	JPRM	California,U.S.A.	37.7950N 122.4740W	107	From 1968-09-26
Presque Isle	PQI	Maine,U.S.A.	46.6710N 68.0168W	180	
Preston	PQ-ID	Idaho,U.S.A.	42.2281N 111.7158W	1554	
Preston Nutter Ranch, Sunnyside	P18A	Utah,U.S.A.	39.6279N 110.2457W	2743	From 2007-07-26
Pretoria	PRE	Transvaal,South Africa	25.7533S 28.1900E	1333	From 1949-01-01 to 1999-08-25
Preza	PRZA	Albania	41.4300N 19.6700E	230	From 2002-09-05
Price	PCU	Utah,U.S.A.	39.6067N 110.8050W	1714	From 1962-05-01
Price	KPE	Alaska,U.S.A.	54.4608N 146.8960W	204	From 1994-10-01
Prieska	PKA	Cape Province,South Africa	29.6700S 22.7567E	960	From 1993-03-01
Priest	PRI	California,U.S.A.	36.1417N 120.6650W	1187	From 1961-01-01
Prince Edward County	PECO	Ontario,Canada	43.9340N 76.9939W	92	
Prince George	PG	British Columbia,Canada	53.9972N 122.5231W	914	
Prince George	PG-BC	British Columbia,Canada	53.9972N 122.5231W	914	
Prince George	PG2BC	British Columbia,Canada	53.9911N 122.5122W	747	
Prince Lake	PLRK	Oregon	44.2097N 121.9626W	1283	From 2007-08-17
Prince Rupert	RUBB	British Columbia,Canada	54.3262N 130.2523W	12	
Prince Rupert	RUB	British Columbia,Canada	54.3259N 130.2867W	53	From 1985-09-01 to 2006-03-28
Princeton	PWW	West Virginia,U.S.A.	37.3360N 81.0478W	829	From 1978-03-01 to 2006-02-27
Princeton	PANJ	New Jersey,U.S.A.	40.3769N 74.7029W	100	From 2008-02-15
Princeton	PRIN	New Jersey,U.S.A.	40.3669N 74.7179W	110	From 1977-03-01
Princeton	PD-BC	British Columbia,Canada	49.3922N 120.4764W	914	From 1962-07-06 to 1962-07-17
Princeton	PD	British Columbia,Canada	49.3922N 120.4764W	914	From 1962-07-06 to 1962-07-17
Prines Rethymno	PRNS	Crete	35.3649N 24.5015E	51	From 2006-12-01
Prineville	I06A	Oregon,U.S.A.	43.9437N 120.2107W	1296	From 2006-02-02 to 2008-04-09
Pritrechnaya	PRTR	Severo-Osetinskaya	43.7515N 44.2820E	136	From 2005-08-08
Prizren	PRZK	Montenegro	42.2065N 20.7548E	641	From 2008-07-01
Prodhromos	CSS	Cyprus	34.9622N 33.3306E	396	From 1984-07-26
Promontory Point	PPU	Utah,U.S.A.	41.3106N 112.4300W	1874	
Prospect	TPR	Trinidad and Tobago	11.1860N 60.7770W	245	From 1978-02-20
Prospect	PRST	Texas,U.S.A.	31.9520N 94.6330W	220	
Prospectdale	ELN	Virginia,U.S.A.	37.2283N 80.7517W	634	
Prosser	PRW	Washington,U.S.A.	46.2127N 119.6860W	552	From 1975-06-01
Provadia	PRD	Bulgaria	43.2000N 27.4000E	50	From 1995-01-01
Provideniya	PROV	Magadanskaya Oblast',Russia	64.4270N 173.2250W	25	
Provideniya	PRVR	The Chukotsky Autonomous Okrug	64.4470N 173.1750W	86	From 2006-06-14
Pruhonic	PRU	Czech Republic	49.9883N 14.5417E	302	
Pruna	EPRU	Spain	36.9660N 5.2313W	560	From 1986-11-01
Prunihres	OG17	Rhone-Alpes,France	44.9067N 5.7662E	1140	From 1988-09-12
Przheval'sk	PRZ	Kyrgyzstan	42.4833N 78.4000E	1599	
Pskov	NE52	Severo-Osetinskaya,Russia	57.8190N 28.3900E	40	
PSNS Bremerton SMO	PSNS	Washington	47.5587N 122.6443W	6	From 2004-04-05
Pt. Cumana	TPTC	Trinidad and Tobago	10.6800N 61.5700W	49	
Pto de San Jose	PSG	Guatemala	13.9478N 90.7915W	5	From 1981-11-01 to 1988-12-31
Pto San Jose 2	PSG2	Guatemala	13.9522N 90.8155W	5	From 1988-01-01
Puale Bay	PUB	Alaska,U.S.A.	57.7733N 155.5170W	280	From 1974-01-01
Pucara	PUCR	Ecuador	3.2100S 79.5000W	3000	From 1995-07-21
Pudahuel	PUEX	Santiago,Chile	33.4413S 70.7579W	505	
Puebla	CIPM	Puebla,Mexico	17.9620N 97.8540W	-	
Puebla	CXP	Puebla,Mexico	18.2754N 97.1418W	-	
Puebla	PUE	Puebla,Mexico	19.0417N 98.1967W	2162	
Pueblo Viejo	PVP	Peru	15.7914S 74.2211W	233	
Puengasi	QUEM	Ecuador	0.2414S 78.5067W	3060	From 2007-01-01
Puerto Armuelles	ARM	Panama	8.2832N 82.8665W	10	
Puerto Armuelles 2	ARM2	Panama	8.1000N 82.8667W	10	
Puerto Ayacucho	PAYV	Venezuela	5.4200N 67.6560W	83	From 2003-07-16
Puerto Ayora	PAYG	Galapagos,Ecuador	0.6740S 90.2858W	195	
Puerto Azul	PAZ	Luzon,Philippines	14.2260N 120.6760E	124	
Puerto del Eden	PDEM	Guerrero,Mexico	17.4632N 100.7410W	1620	
Puerto del Gallo	PGOM	Guerrero,Mexico	17.4720N 100.1803W	2560	
Puerto Escondido	PEO	Oaxaca,Mexico	15.8512N 97.0555W	3	
Puerto Escondido	PEX	Oaxaca,Mexico	15.8620N 97.0612W	-	
Puerto Galera	PGP	Mindoro,Philippines	13.5019N 120.9530E	375	From 1977-05-22
Puerto Jimenez	PUJ	Costa Rica	8.5333N 83.3478W	50	
Puerto La Cruz	PCRV	Venezuela	10.1762N 64.6361W	450	
Puerto La Cruz	PLCV	Venezuela	10.1633N 64.5896W	251	
Puertollano	NE13	Spain	38.6850N 4.0910W	700	From 1983-05-01 to 2001-07-28
Puerto Moin	MOIN	Costa Rica	9.9870N 83.0938W	29	
Puerto Montt	PMCH	Chile	41.4898S 72.8962W	36	
Puerto Princesa	PPR	Palawan,Philippines	9.7761N 118.7300E	15	From 1972-01-01
Puka	PUK	Albania	42.0427N 19.8928E	900	
Pukaskwa National Park	PNPO	Ontario,Canada	48.5957N 86.2846W	219	
Pukeiiti	PKE	North Island,New Zealand	39.1955S 173.9872E	485	
Pukenui	PNHZ	North Island	39.9151S 176.1996E	616	From 2008-02-19
Puketiti	PUZ	North Island,New Zealand	38.0733S 178.2570E	420	From 1988-09-01
Pulasari	PULI	Jawa,Indonesia	6.3450S 105.9760E	1346	
Pulaski	PUV	Virginia,U.S.A.	37.0257N 80.8158W	652	From 1978-01-01 to 2004-09-30
Pulau Batu	PBSI	Sumatera	0.0547S 98.2800E	0	From 2007-12-01
Pulau Pagai	PPSI	Sumatera	2.7630S 100.0096E	0	From 2007-12-01
Pulau-Weh	PWS	Sumatera,Indonesia	5.8333N 95.3000E	-	
Pulchoki	PKI	Nepal	27.5710N 85.4090E	2758	From 1978-11-01
Pulheim	PLH	Nordrhein-Westfalen,Germany	51.0053N 6.8205E	-300	From 1981-01-01
Puli Township	WPL	Taiwan region	24.0120N 120.9570E	190	From 2001-04-10
Pulkovo	PUL	Leningradskaya Oblast',Russia	59.7667N 30.3167E	65	
Pune	PUNE	Maharashtra,India	18.5296N 73.8491E	600	
Puno	PUN	Peru	15.8750S 69.9961W	3860	
Punta Arenas	PTA	Magallanes,Chile	53.1553S 70.9006W	10	
Punta Banda	PBX	Baja California,Mexico	31.7420N 116.7250W	330	From 1982-04-16
Punta Burica	PBC	Costa Rica	8.4437N 83.0708W	140	From 1985-01-01
Punta Cana	PUCA	Dominican Republic	18.5880N 68.4028W	0	
Punta Cana, DR	PCDR	Dominican Republic	18.5139N 68.3814W	74	From 2007-03-01
Punta Lena	SL6*	Sicily,Italy	38.7733N 15.2147E	-	From 1966-04-01 to 1966-05-01
Punta Lucia	EPLC	Sicily,Italy	37.7620N 14.9860E	2930	From 1994-10-01
Punta Talca	PUT	Santiago,Chile	33.4187S 71.6964W	25	From 1975-01-01
Puntijarka	PTJ	Croatia	45.9070N 15.9680E	1023	
Pupakea	PUP	Hawaii,U.S.A.	21.6472N 158.0280W	-	From 1960-01-01 to 1965-12-31
Puquio	PP06	Peru	14.6955S 74.1235W	3200	
Purari	PUR	Papua New Guinea	6.9881S 145.0730E	300	From 1975-07-11
Puriscal	PRS1	Costa Rica	9.9838N 84.3112W	1145	
Purkeypile	PPLA	Alaska,U.S.A.	62.8968N 152.1870W	1519	
Purple Mountain	YPM	Wyoming,U.S.A.	44.6572N 110.8687W	2582	
Purvis	PU-MS	Mississippi,U.S.A.	31.1519N 89.5489W	91	From 1965-02-26 to 1965-03-03
Purvis	PU	Mississippi,U.S.A.	31.1519N 89.5489W	91	From 1965-02-26 to 1965-03-03
Pusan	PUS	South Korea	35.1000N 129.0330E	71	
Pusma	PUSN	Nepal	28.8750N 81.2710E	1524	
Putnam	PUTN	New York,U.S.A.	41.3818N 73.8283W	170	
Puu Honuaula	PHO	Hawaii,U.S.A.	19.4817N 154.8900W	215	From 1970-04-01 to 2000-11-09
Puu Huluhulu	PHH	Hawaii,U.S.A.	19.3750N 155.2080W	1021	From 1969-07-01 to 1973-11-30
Puu Kaliu	PKL	Hawaii,U.S.A.	19.4580N 154.9210W	271	
Puu Kamoamo	KMH	Hawaii,U.S.A.	19.3912N 155.1160W	750	
Puuokali	POK	Hawaii,U.S.A.	20.7333N 156.3887W	511	
Puu Pili	PPL	Hawaii,U.S.A.	19.1583N 155.4640W	35	
Puu Ulaula	PLL	Hawaii,U.S.A.	19.5333N 155.4610W	2992	
Puyallup School ANSS-SMO	PAYL	Washington	47.1926N 122.3140W	9	From 2001-06-28
Puy-de-Dome	PDD	Auvergne,France	45.7667N 2.9667E	1450	
Puylobier	PUYF	Provence-Cote d'Azur,France	43.5323N 5.7003E	460	
PUYLOUBIER	LEPF	Provence-Cote d'Azur	43.5230N 5.7020E	345	From 2007-08-13
Puysegur Point	PPZ	South Island,New Zealand	46.1406S 166.6270E	3	From 1972-04-06 to 1972-04-24
Puysegur Point	PVZ	South Island	46.1679S 166.6807E	277	From 2007-05-03
Pyatigorsk	PYA	Stavropol'skiy Kray,Russia	44.0333N 43.0583E	544	
PYLOS	PYL	Greece	36.8955N 21.7420E	227	From 2006-02-01
Pyongyang	PYO	North Korea	39.0333N 125.7500E	51	
Pyramid	PYR	California,U.S.A.	34.5680N 118.7410W	1247	
Qafa e Shtames	QSH	Albania	41.5216N 19.9050E	1100	
Qairoon Hariti	QHRO	Oman	17.2528N 54.0854E	790	From 1998-08-27
Qamsar	QAM	Iran	33.9000N 51.8000E	1870	From 1985-01-01
Qassim	QASM	Saudi Arabia	26.0900N 43.5360E	675	From 1988-01-01
Qassioun	QASN	Syria	33.5328N 36.2761E	990	From 1994-12-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Qatafi	QTFJ	Jordan	31.8230N	37.4800E	648	From 1990-03-05
Qatrana	QTRJ	Jordan	31.3000N	36.0100E	876	From 1988-02-20
Qibla Bandi	QIB	Pakistan	33.9007N	72.5925E	396	
Qiliugaq Exploration Camp	QILN	Northwest Territories,Canada	66.6531N	86.3709W	115	
Qingdao	TSN	Shandong,China	36.0667N	120.3170E	70	
Qiongzong	QIZ	Hainan Dao,China	19.0294N	109.8430E	230	
Qom	IQOM	Iran	34.8424N	51.0703E	975	From 1996-01-01
Qsaybeh	QSB	Lebanon	33.8710N	35.6443E	550	
Quabbin	QUA	Massachusetts,U.S.A.	42.4566N	72.3738W	201	From 1977-05-07 to 1999-01-31
Quadrado	QAD	Luzon,Philippines	15.0440N	120.3540E		
Quail Lake	QAL	California,U.S.A.	34.7497N	118.7150W	1256	
Qualls	QUAR	Arkansas,U.S.A.	35.6439N	90.6491W	115	
Quanzhou	QZN	Fujian,China	24.9431N	118.5920E	21	From 1970-10-01
Quanzhou	QZH	Fujian,China	24.9431N	118.5920E	21	From 1970-10-01
Quarto	QRI	Italy	40.8780N	14.1458E		
Quartz Hill	QHW	North Island,New Zealand	41.2519S	174.6910E	190	From 1985-10-15 to 2003-10-31
Quartzite Mountain	QM-NV	Nevada,U.S.A.	37.5631N	116.3178W	1878	
Quartz Mountain	QMO	Oklahoma,U.S.A.	34.8929N	99.3071W	479	From 1977-07-29 to 1980-12-31
Quartz Mountain State Park	QZO	Oklahoma,U.S.A.	34.9052N	99.3053W	488	
Quartz Range	QRZ	South Island,New Zealand	40.8275S	172.5290E	260	From 1990-04-01
Quattro Castella	QCI	Italy	43.8167N	11.2167E	120	
Quba	KUB	Azerbaijan	41.3300N	48.5000E	980	From 1998-01-01
Quba	QUB	Azerbaijan	41.3800N	48.3600E	1000	From 1978-01-01 to 1998-01-01
Quchan	IQHU	Iran	37.0658N	58.5427E	1279	From 1997-03-01
Quebec	QCL	Quebec,Canada	46.7789N	71.2758W	91	
Quebec	QBC	Quebec,Canada	46.7789N	71.2758W	91	
Quebec	QCC	Quebec,Canada	46.7789N	71.2758W	91	
Quebrada Arriba	QARV	Venezuela	10.2070N	70.5240W	578	From 2002-03-26
Queen Anne	QAW	Washington,U.S.A.	47.6317N	122.3543W	140	
Queen Charlotte	QCC	British Columbia,Canada	53.2550N	132.0880W	3	
Queen City Summit	QCS	Nevada,U.S.A.	37.7574N	115.9409W	1899	From 1979-06-08 to 2002-10-10
Queen Creek	QC	Arizona,U.S.A.	33.1842N	111.6340W	610	
Queen of Sheba Mine	QSM	California,U.S.A.	35.9650N	116.8682W	396	From 1978-11-28
Queensboro Lake	QLNY	New York,U.S.A.	41.3092N	74.0375W	238	
Queensbury	QMB	England,United Kingdom	53.7650N	1.8575W	116	From 1974-07-10 to 1979-11-15
Queens College	CUNY	New York,U.S.A.	40.7335N	73.8178W	20	
Queens East	JOE	Channel Islands,United Kingdom	49.2000N	2.0383W	58	
Queenstown	QTN	Tasmania,Australia	43.1000S	145.6000E		
Quemado	X20A	New Mexico,U.S.A.	34.5421N	108.4980W	2057	From 2008-02-05
Quentar	EQUE	Spain	37.2050N	3.4400W	1050	From 1995-04-15
Quepos	QPS	Costa Rica	9.4031N	84.1322W	83	From 1984-03-17
Quepos	QCR	Costa Rica	9.4241N	84.1653W	45	
Queretaro	QUIG	Queretaro,Mexico	20.7000N	100.2800W		
Quesada	EQES	Spain	37.8028N	3.0711W	1140	
Quesnel	QN-BC	British Columbia,Canada	52.9569N	122.3958W	610	From 1962-10-26 to 1962-10-27
Quesnel	QN-	British Columbia,Canada	52.9569N	122.3958W	610	From 1962-10-26 to 1962-10-27
Quetta	QUE	Pakistan	30.1883N	66.9500E	1721	From 1954-01-01
Quezalapa	QZA	El Salvador	13.5239N	88.9969W	250	
Quezaltepeque	QZG	Guatemala	14.6363N	89.3840W	1798	From 1981-01-01
Quezon City	QCP	Luzon,Philippines	14.6370N	121.0770E	58	
Quezon City--PHIVOLCS	QVPH	Luzon,Philippines	14.6520N	121.0580E	45	
Quezon City--PHIVOLCS	QVP	Luzon,Philippines	14.6230N	121.0040E	15	From 1991-01-01
Quiabu	QUIN	Nicaragua	13.1250N	86.4167W	1605	
Quien Sabe	AN13*	California,U.S.A.	36.8337N	121.2130W	536	From 1969-05-29
Quien Sabe	QHRH	California,U.S.A.	36.8337N	121.2130W	536	From 1969-05-29
Quien Sabe Ranch	QSR	California,U.S.A.	36.8337N	121.2130W	536	From 1969-05-29
Quiliano	QLNO	Italy	44.3242N	8.3459E	547	From 2002-02-19
Quillagua	QUL	Antofagasta,Chile	21.6556S	69.5283W	800	
Quillayute Airport, Forks	C03A	Washington,U.S.A.	47.9475N	124.5662W	48	From 2005-10-20 to 2008-02-14
Quillmana	QUM	Peru	12.9550S	76.3867W	500	
Quilmana	PT02	Peru	12.9433S	76.4367W	500	
Quiltoa	QIL1	Ecuador	0.8453S	78.9338W	3340	From 1992-05-13
Quiltoa	QIL2	Ecuador	0.8689S	78.9167W	3923	From 2007-08-08
Quiltoa	QUIL	Ecuador	0.7569S	78.9252W	3430	From 1991-01-01
Quilpie	QLP	Queensland,Australia	26.5822S	144.2345E	210	From 1989-08-12
Quincy	D07A	Washington,U.S.A.	47.1936N	119.9732W	453	From 2006-08-30 to 2008-05-10
Quincy	Q05C	California,U.S.A.	39.9620N	120.9176W	1032	From 2005-04-20 to 2007-11-20
Quinn River	QNR	Nevada,U.S.A.	41.6972N	117.9550W	1433	
Quinn River Valley	QRV	Nevada,U.S.A.	41.6972N	117.9550W	1433	From 1974-03-01 to 1975-08-31
Quistinic	QUIF	Bretagne,France	47.9167N	3.1656W	125	From 1996-04-03
Quititos	QITI	Ecuador	0.7858N	79.9995W	386	From 1992-04-28
Quititos 2	QIT2	Ecuador	0.7732N	80.0397W	284	
Quito	QTO	Ecuador	0.2084S	78.5322W	3270	From 1988-09-01 to 1991-12-30
Quito	QUI	Ecuador	0.2001S	78.5005W	2837	
Quito	QAO	Ecuador	0.2158S	78.4989W	2816	From 1978-03-01 to 1980-12-31
Qund	QUND	Ecuador	0.3168N	79.4807W	330	From 1994-04-01 to 1994-09-30
Qurayyt al Milh	QURS	Saudi Arabia	31.3860N	37.3240E	491	
Qutrana	QUTJ	Jordan	31.2987N	36.0100E	876	From 1987-01-01
Qyzylgash	KZAG	Kazakhstan	45.3710N	78.7220E	510	
Rabalanakaia	RAL	New Britain,Papua New Guinea	4.2203S	152.2020E	91	From 1967-01-01
Rabat	RBA	Morocco	34.0089N	6.8406W	39	From 1966-03-01
Rabat Centre	RTC	Morocco	33.9881N	6.8569W	50	
Rabat Zaers	RBZ	Morocco	33.9292N	6.8400W	116	From 1968-01-01 to 1977-12-31
Rabaul	RAB	New Britain,Papua New Guinea	4.1927S	152.1630E	185	From 1940-01-01
Rabaul (IGS)	ERB	New Britain,Papua New Guinea	4.1932S	152.1620E	180	
Rabbit Creek Array Site 1	RC01	Alaska,U.S.A.	61.0894N	149.7367W	374	
Rabinal	RDG	Guatemala	15.0075N	90.4718W	1930	From 1978-06-01
Rabkut	RBK	Oman	17.5035N	54.2039E	550	From 2001-07-01
Rachaya	RCY	Lebanon	33.4846N	35.8188E	1360	
Rachel	S11A	Nevada,U.S.A.	37.6444N	115.7472W	1456	From 2007-01-23
Raciborz	RAC	Poland	50.0833N	18.1942E	209	
Rackout Springs	KRKM	California,U.S.A.	39.5628N	123.1820W	1280	
Radio Antilles	RSV	St Vincent,Saint Vincent and the Grenadines	13.3070N	61.2360W	8	From 1979-11-20
Raffo Rosso	RAFF	Sicily	37.2225N	14.3624E	310	From 2005-12-22
Rafsanjan	RFDD	Iran	30.5200N	56.2600E	0	
Raffer H Ranch, Green River	Q18A	Utah,U.S.A.	39.1025N	110.1328W	1295	From 2007-07-14
Ragged Mountain	RAGM	Alaska,U.S.A.	60.3870N	144.6750W	739	From 1984-01-01
Ragged Mountain	RGD	Alaska,U.S.A.	60.2192N	144.5460W	610	
Raibl	RBL	Italy	46.4417N	13.5683E	900	From 1978-02-06 to 1988-01-01
Railroad Flat South	MRFM	California,U.S.A.	38.2453N	120.5210W	799	From 1976-07-12
Rainbow Creek	VRC	Oregon,U.S.A.	42.3367N	122.2180W		From 1993-10-07
Rainbow Monument	RMU	Utah,U.S.A.	37.0760N	110.9700W	1536	
Rainbow Mountain	RBV	North Island,New Zealand	38.3211S	176.3880E		From 1984-01-01 to 1984-04-30
Rainelle	RN-WV	West Virginia,U.S.A.	38.0764N	80.8483W	853	From 1962-12-31 to 1963-05-16
Rainelle	RN-	West Virginia,U.S.A.	38.0764N	80.8483W	853	From 1962-12-31 to 1963-05-16
Rainier	RAIO	Washington,U.S.A.	46.0403N	122.8851W	11	
Rainshed	RSD	Hawaii,U.S.A.	19.4630N	155.2780W	1270	
Rainy Point	RAEZ	North Island,New Zealand	39.2883S	174.3933E	326	
Rajabasa	RBSI	Sumatera	5.8445S	105.7420E	0	From 2007-12-01
Rakhov	RAK	Ukraine	48.0550N	24.1980E	460	
Raleigh	RALT	Tennessee,U.S.A.	35.2060N	89.9410W	100	
Raluana Point	RPT	New Britain,Papua New Guinea	4.2952S	152.2160E	1	From 1972-01-01
Ramage Ranch	RAMR	California,U.S.A.	35.6360N	120.8700W	431	
Ramage Ranch, Paso Robles	V04C	California,U.S.A.	35.6360N	120.8699W	431	From 2004-06-07 to 2007-09-01
Ramah	W20A	New Mexico,U.S.A.	35.1259N	108.5001W	2110	From 2008-01-13
Raman	RAM	Turkey	37.7658N	41.2925E	850	From 1964-01-01
Ramapo Mountain	RAMA	New Jersey,U.S.A.	41.0952N	74.1807W	247	From 1978-11-21
Ramban	RMBN	Jammu and Kashmir,India	33.2312N	75.2455E		
Ramite	RAMN	Nepal	26.9500N	86.6000E	2134	From 1994-04-01
Rammel Mountain	RAMW	Wyoming,U.S.A.	43.8890N	110.9500W	2512	From 1986-01-01
Ramsheh	IRAM	Iran	31.8088N	52.3815E	796	From 2000-09-01
Rancho Bola	RANB	Spain	36.6328N	6.1384W	65	From 1993-04-01 to 2003-05-07
Rancho Dowling	RDX	Baja California,Mexico	31.9323N	115.9480W	1680	From 1989-09-29
Rancho Los Cerritos	LCL	California,U.S.A.	33.8333N	118.1920W	8	
Rancho Maria	CAMI	Ecuador	0.6767S	78.5047W	3630	From 2005-05-17
Rancho Maria	MARY	Ecuador	0.7337S	78.4867W	3700	From 1990-09-07
Rancho Navarro	GRNM	California,U.S.A.	39.1753N	123.5760W	73	
Rancho No Tengo, Wagon Mound	V25A	New Mexico,U.S.A.	35.8383N	104.6164W	1861	From 2008-05-17
Rancho Palos Verdes	RPV	California,U.S.A.	33.7433N	118.4043W	64	From 1993-01-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Rancho San Jose	RSJ	Baja California,Mexico	30.9733N	115.7450W	650	
Randle	E05A	Washington,U.S.A.	46.5605N	121.7608W	1481	From 2005-10-28 to 2008-02-11
Rangely	FGC	Colorado,U.S.A.	40.1042N	108.9270W	1610	From 1975-02-01
Rangipo	RGZ	North Island,New Zealand	39.1553S	175.8340E		From 1984-08-01 to 1989-04-30
Rangitukua	RATZ	North Island,New Zealand	38.8686S	175.7710E	649	From 1984-12-01
Rangndo	RANI	Bali,Indonesia	8.4525S	114.9490E	500	
Rangoon	RAN	Myanmar	16.8667N	96.1833E	14	
Rankin Inlet	YRTN	Northwest Territories,Canada	62.8104N	92.1096W	23	
Ranney Well	RWW	Washington,U.S.A.	46.9639N	123.5433W	15	
Rantau Prapat	RPSI	Sumatera	2.6951N	98.9240E	0	From 2007-12-01
Ranyah	RNYS	Saudi Arabia	21.4267N	42.7662E		
Raoul Island	RAO	Kermadec Islands,New Zealand	29.2517S	177.9180W	110	
Rapa Nui	RPN	Easter Island,Chile	27.1267S	109.3340W	110	From 1987-07-01
Rapid City	RCD	South Dakota,U.S.A.	44.0750N	103.2080W	995	From 1943-01-01
Rapindik	RAP	New Britain,Papua New Guinea	4.2289S	152.1970E	3	From 1950-01-01 to 1958-12-31
Rarotonga	RAR	Cook Islands	21.2125S	159.7730W	28	From 1965-08-01
Ras Al Marh	MARH	Syria	34.0261N	36.4817E	2640	From 1994-12-01
Ras En-Naqb	NAQJ	Jordan	30.0000N	35.5050E	1640	From 1990-03-15
Raspberry Island	RAI	Alaska,U.S.A.	58.0605N	153.1590W	520	From 1975-10-01
Rata	RATI	Bali,Indonesia	8.7233S	115.5320E	400	
Rata Peaks	RPZ	South Island,New Zealand	43.7163S	171.0538E	412	
Rataul	RTUL	Uttar Pradesh,India	28.8322N	77.3418E	0	
Rathfarham	DUB	Ireland	53.2986N	6.2825W	52	
Rat Island	RAT	Alaska,U.S.A.	51.7991N	178.3300E	226	From 1970-10-14 to 1973-04-30
Raton	RT-	New Mexico,U.S.A.	36.7294N	104.3603W	1951	From 1961-12-04 to 1965-03-22
Raton	RT-NM	New Mexico,U.S.A.	36.7294N	104.3603W	1951	From 1961-12-04 to 1965-03-22
Rattlesnake Hills	RSW	Washington,U.S.A.	46.3945N	119.5913W	1045	From 1970-07-01
Rattlesnake Mountain	RMW	Washington,U.S.A.	47.4597N	121.8050W	1024	
Rattlesnake Point	ORAM	California,U.S.A.	39.4687N	121.4130W	588	From 1975-08-05
Rauma	RAF	Finland	61.0230N	21.7640E	30	From 2005-10-31
Raurimu	RUZ	North Island,New Zealand	39.1269S	175.3380E	450	From 1990-08-14 to 1992-06-30
Rausu	JRA	Nemuro,Japan	43.9378N	145.1220E	10	
Rauvai	RUV	Tuamotu,French Polynesia	15.1889S	147.3840W	3	
Ravarino	RAVA	Italy	44.7559N	11.1188E	15	From 2003-11-10
Ravensbos	RSB	Netherlands	50.8883N	5.8325E	135	
Ravensburg	RAV	Baden-Wurtemberg,Germany	47.7870N	9.6216E	460	From 1970-02-01 to 1972-04-10
Raver	RAW	Washington,U.S.A.	47.3372N	121.9314W	208	From 1914-01-01 to 1994-09-30
Ravine Marchand	RMGF	Guadeloupe	16.0443N	61.6657W	1150	
Rawhide Mountain	RH-NV	Nevada,U.S.A.	38.2267N	116.3814W	1768	
Rawlins	RWWY	Wyoming,U.S.A.	41.6889N	107.2102W	2402	From 2004-09-01
Rawlins	L21A	Wyoming,U.S.A.	41.9641N	107.3695W	2065	From 2007-10-31
Raywood Flat	RAY	California,U.S.A.	34.0363N	116.8110W	2342	
Razeghan	IRAZ	Iran	35.4046N	49.9290E	1920	From 1996-01-01
Reales	REAL	Spain	36.4840N	5.2078W	1452	
Reason Mountain	RMNB	California,U.S.A.	36.0009N	120.4777W	1091	
Reay	ORE	Scotland,United Kingdom	58.5480N	3.7622W	100	From 1995-09-21
Receiver Site	NVR	Nevada,U.S.A.	37.0553N	116.0920W	1279	From 1971-01-01 to 1973-01-31
Reche Mountain	RCH	California,U.S.A.	34.3073N	116.3500W	841	From 1979-04-01
Recreation Park	RCP2	California,U.S.A.	33.7777N	118.1330W	-85	From 1985-03-22
Recreo	REC	Guatemala	14.4375N	90.5227W	1500	From 1975-04-01
Rector, Farmersville	RCTC	California	36.3100N	119.2400W	107	From 2004-04-01
Red Bluff	O02C	California,U.S.A.	40.1767N	122.7883W	962	From 2005-07-20 to 2007-10-11
Red Butte Canyon	RBU	Utah,U.S.A.	40.7808N	111.8080W	1676	From 1974-06-01
Red Cone	RCO	Hawaii,U.S.A.	19.4060N	155.6298W	3601	
Redding Peak	LRDM	California,U.S.A.	40.4642N	121.4610W	859	From 1976-11-12
Red Dirt Ranch, Kanab	T15A	Utah,U.S.A.	37.0183N	112.3824W	1561	From 2007-02-14
Red Hill	RHT	Tennessee,U.S.A.	35.0781N	84.8825W	299	
Red Hills	RHJ	Jamaica	18.0707N	76.8540W	779	From 1993-11-01
Redig	RG-SD	South Dakota,U.S.A.	45.2164N	103.5347W	945	From 1965-10-25 to 1966-09-26
Redig	RG-	South Dakota,U.S.A.	45.2164N	103.5347W	945	From 1965-10-25 to 1966-09-26
Red Ives Forest Station, Avery	D12A	Idaho,U.S.A.	47.0528N	115.3525W	1135	From 2006-11-08
Red Lake	RK-	Ontario,Canada	50.8389N	93.6722W	366	
Red Lake	RDLO	Ontario,Canada	50.9745N	93.9124W	390	
Red Lake	RSON	Ontario,Canada	50.8589N	93.7022W	335	From 1982-01-01 to 1990-10-01
Red Lake	RLKO	Ontario,Canada	51.0704N	93.7585W	362	From 2004-11-19
Red Lake	RK-ON	Ontario,Canada	50.8389N	93.6722W	366	
Red Lodge	RLMT	Montana,U.S.A.	45.1221N	109.2673W	2086	
Red Lodge	YPRL	Montana,U.S.A.	45.1617N	109.3017W	1951	
Red Mountain	KRMM	California,U.S.A.	41.5221N	123.9063W	1247	
Red Mountain	REDWA	Washington,U.S.A.	46.2987N	119.4383W	366	
Red Mountain	KRMB	California,U.S.A.	41.5230N	123.9080W	1265	
Redondo Peak	REDP	New Mexico,U.S.A.	35.8711N	106.5630W	3417	From 1977-10-01
Redoubt	RDT	Alaska,U.S.A.	60.5738N	152.4060W	930	From 1971-08-09
Redoubt East Flank	REF	Alaska,U.S.A.	60.4892N	152.7020W	1801	From 1990-03-14
Redoubt North	RDN	Alaska,U.S.A.	60.5138N	152.7630W	1372	From 1988-01-01
Redoubt South	RSO	Alaska,U.S.A.	60.4622N	152.7540W	1921	From 1990-03-01
Redoubt South 1	RS1	Alaska,U.S.A.	60.4602N	152.7580W	1864	From 1990-09-10
Redoubt South 2	RS2	Alaska,U.S.A.	60.4630N	152.7573W	1953	From 1990-09-10
Redoubt Volcano	RED	Alaska,U.S.A.	60.4189N	152.7720W	1067	From 1974-01-01
Redoubt West	RDW	Alaska,U.S.A.	60.4827N	152.8100W	1813	From 1990-09-07
Red Ridge	RRI2	Idaho,U.S.A.	43.3474N	111.3201W	2558	From 1986-07-02
Red Ridge	RRI	Idaho,U.S.A.	43.3630N	111.3380W	2408	From 1985-07-20 to 1986-07-02
Red Rock Canyon	MRCM	California,U.S.A.	37.6717N	118.5060W	2030	From 1986-07-23
Red Rock Canyon	RRO	Oklahoma,U.S.A.	35.4569N	98.3584W	482	From 1978-08-09
Red Spur Mountain	RSUT	Utah,U.S.A.	41.6385N	111.4150W	2682	From 1979-10-01
Red Top Meadow	REDW	Wyoming,U.S.A.	43.3624N	110.8520W	2192	From 1986-01-01
Redvale	R20A	Colorado,U.S.A.	38.1888N	108.3792W	2003	From 2008-01-05
Redwood Retreat	JRRM	California,U.S.A.	37.0545N	121.7270W	408	From 1976-01-09
Reed	REKY	Kentucky,U.S.A.	37.8520N	87.3280W	0	
Reedy Creek 5	WRCQ	Queensland,Australia	27.1874S	152.6631E		From 1984-07-11
Rees Ranch, Coalville	N16A	Utah,U.S.A.	40.8869N	111.4370W	2028	From 2007-07-10
Reffroy	RFYF	Champagne-Ardenne,France	48.6289N	5.4741E	330	From 2002-08-20
Refugio	RETU	Ecuador	1.4512S	78.4460W	4050	From 1994-12-02
Refugio Cayambe	CAYR	Ecuador	0.0153N	78.0066W	4868	
Refugio Guagua Pichincha	GGP	Ecuador	0.1743S	78.5947W	4420	From 1988-09-30
Regar	REG*	Tajikistan	38.5000N	68.2333E		
Regar	RGR	Tajikistan	38.5000N	68.2333E		
Reggio Calabria	MRCB	Italy	38.1620N	15.7030E	500	From 1993-12-01
Reggio Calabria	RCI	Italy	38.1056N	15.6433E	29	
Reichold	RHA	Alabama,U.S.A.	33.2417N	87.4660W	83	From 1971-01-09
Reidovoe	REI	Sakhalinskaya Oblast',Russia	45.2667N	148.0167E		
Rein	RISI	Italy	46.9480N	12.0787E	1785	From 2006-12-13
Reindeer	RND	Alaska,U.S.A.	63.4062N	148.8530W	991	From 1986-01-01
Reko	RKS	Solomon Islands	9.1564S	159.8080E		
Relizane	REL	Algeria	35.7500N	0.5500E	75	From 1955-01-01 to 1961-12-31
Relizane	RLA	Algeria	35.5833N	0.5833E	180	
Rembrandt	REMW	Washington,U.S.A.	46.1992N	122.1840W	2102	From 1987-01-01
Remote	REM	Alaska,U.S.A.	65.9550N	164.5780W	300	
Remote	RON	Alaska,U.S.A.	62.6912N	150.2040W	470	From 1971-08-01 to 1974-10-31
Renegade Can. W	WRCM	California,U.S.A.	35.9502N	117.6470W	954	From 1975-09-26
Renegade Canyon West	RCWM	California,U.S.A.	35.9502N	117.6470W	954	From 1975-09-26
Rengat	RGRi	Sumatera	0.3491S	102.3338E	41	From 2005-01-01
Rennes	RENF	Bretagne,France	48.1190N	1.6350W	40	
Reno	REN	Nevada,U.S.A.	39.5400N	119.8130W	1383	From 1911-01-01 to 1975-02-28
Reno Superiore	RSP	Italy	45.1517N	7.2572E	1250	
Rentapao	RTV	Vanuatu	17.7925S	168.4250E		
Repubblica di San Marino	RSM	San Marino,Italy	43.9303N	12.4497E	645	From 1988-01-01
Resadiye-TOKAT	RSDY	Turkey	40.3972N	37.3273E	550	From 2007-06-13
Reservoir Flats	RFM	Montana,U.S.A.	46.1047N	112.4870W	2353	From 1984-01-01 to 1987-11-13
Resinera	RESI	Spain	36.8732N	3.0700W	1322	
Resolute Bay	RES	Northwest Territories,Canada	74.6867N	94.9000W	15	
Restoule Provincial Park	RSP0	Ontario,Canada	46.0734N	79.7602W	264	
Resuttano	RESU	Italy	37.6468N	14.0568E	785	From 2008-02-25
Retamim	RTMI	Israel	31.0545N	34.6912E	261	From 2006-09-04
Retamin	RTMM	Israel	31.0510N	34.6863E	255	
Reunion Island	REU	Reunion	21.1950S	55.5772E	1550	From 1968-05-03
Reutte	RETA	Austria	47.4871N	10.7623E	965	From 2006-12-13
Reveille Range	RVE	Nevada,U.S.A.	38.0197N	116.1920W	2290	From 1979-06-08 to 1981-12-31
Reventador volcano	EPALM	Ecuador	0.2133S	77.7292W	1761	From 2002-11-21

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Revere	REVF	Provence-Cote d'Azur,France	43.7400N 7.3675E	700	
Revivim	RVVM	Israel	31.0400N 34.7200E	200	
Rev-Rev Volc	REVE	Ecuador	0.0420S 77.5235W	1440	From 2002-04-04 to 2003-04-01
Rexburg	REX	Idaho,U.S.A.	43.8125N 111.7830W	1532	From 1972-04-20
Rexford	RXF	Montana,U.S.A.	48.8648N 115.1240W	1231	From 1976-10-01 to 2004-03-11
Reyes Peak	RYS	California,U.S.A.	34.6433N 119.3510W	1841	From 1978-06-01
Reyhanli	REYT	Turkey	36.2500N 36.6000E	230	From 1998-03-01
Reykjavik	REY	Iceland	64.1278N 21.9050W	44	
Reynihio	IREN	Iceland	65.6470N 16.9060W	338	From 1996-11-03
Rhampton Hrock	RK1	Queensland,Australia	23.3886S 150.4938E	87	
Rhampton Srock	RK2	Queensland,Australia	23.3825S 150.5248E	40	
Rheinberg	BRHE	Nordrhein-Westfalen	51.5155N 6.5710E	24	From 2004-12-01
Rheinpreussen Mine	RPM	Nordrhein-Westfalen,Germany	51.4723N 6.6343E	-412	
Rhenigidale	RRH	Scotland,United Kingdom	57.9197N 6.6882W	103	From 1995-09-10
Rhiw	YRH	Wales,United Kingdom	52.8335N 4.6290W	300	From 1984-01-01
Rhoboro Hills	RHP	South Island,New Zealand	44.1008S 170.0840E	899	From 1975-06-01 to 1983-11-21
Rhodes	RHO	Greece	36.4372N 28.2236E	45	From 1965-11-18 to 1966-04-04
Rhodes College	RDST	Tennessee,U.S.A.	35.1578N 89.9886W	79	
Rhoscolyn	YRC	Wales,United Kingdom	53.2506N 4.5741W	24	From 1984-01-01
Riachuelo	RCBR	Rio Grande do Norte,Brazil	5.8275S 35.9014W	420	
Riallon	OG20	Provence-Cote d'Azur,France	44.6133N 6.3312E	1570	From 1989-01-17
Ribeira Ch	PRCH	Azores,Portugal	37.7280N 25.4800W	225	From 2003-01-01
Ribeira da Areia	RIA0	Azores,Portugal	38.6597N 28.0394W	420	From 1981-07-01
Ribeira da Areia	RIA	Azores,Portugal	38.6597N 28.0394W	420	From 1981-07-01
Ribeirinha	RIB2	Azores,Portugal	38.6715N 27.1731W	387	From 1983-10-01
Ribeirinha	PID	Azores,Portugal	38.4422N 28.1192W	450	
Ribeirinha	RIB	Azores,Portugal	37.7995N 25.4611W	526	
Riberalta	RTA	Bolivia	11.0067S 66.0783W	175	
Rib Lake	RL	Wisconsin,U.S.A.	45.3081N 90.0986W	472	From 1963-04-10 to 1963-05-13
Rib Lake	RL-WS	Wisconsin,U.S.A.	45.3081N 90.0986W	472	From 1963-04-10 to 1963-05-13
Rice	B09A	Washington,U.S.A.	48.4226N 118.1488W	630	From 2006-09-01 to 2008-06-13
Rice Lake	RLW	Wisconsin,U.S.A.	45.6597N 91.5594W		
Riceville	RCT	Tennessee,U.S.A.	35.3453N 84.6614W	265	
Richard P. Wilkes	ARWM	California,U.S.A.	38.9563N 121.1620W	320	From 1976-01-29
Richland	RCW	Washington,U.S.A.	46.3472N 119.2740W	390	
Richland Balsam	RBNC	North Carolina,U.S.A.	35.3570N 82.9860W	1829	From 1982-05-26
Richmond	RIC	Florida,U.S.A.	25.6167N 80.4167W		
Richmond	LRN	England,United Kingdom	54.4167N 1.7858W	300	From 1991-01-01
Richmond Field	RFSB	California,U.S.A.	37.9161N 122.3361W	-118	
Richmond-San Rafael Bridge	RSRB	California,U.S.A.	37.9357N 122.4465W	-157	
Rich Mountain	RICH	North Carolina,U.S.A.	35.9195N 82.8187W	968	From 1983-06-19 to 2008-02-13
Richton	RI-MS	Mississippi,U.S.A.	31.1978N 88.8508W	37	
Rickey Ranch	ARRM	California,U.S.A.	38.7653N 121.1720W	127	From 1976-12-02
Ridgley Place, Grand Junction	Q20A	Colorado,U.S.A.	38.9541N 108.2956W	1716	From 2007-11-30
Ridgway	RW1	Colorado,U.S.A.	38.2587N 107.7890W	2443	From 1983-01-01
Ridgway	RW5	Colorado,U.S.A.	38.0800N 107.8320W	2991	From 1983-01-01
Ridgway	RW2	Colorado,U.S.A.	38.3080N 107.7270W	2405	From 1983-01-01
Ridgway	RW6	Colorado,U.S.A.	38.2023N 107.9340W	3063	From 1983-01-01
Ridgway	RW4	Colorado,U.S.A.	38.1568N 107.6160W	2739	From 1983-01-01
Ridgway	RW3	Colorado,U.S.A.	38.2502N 107.6870W	2603	From 1983-01-01
Riekkii	KU6	Finland	66.0255N 29.8907E	275	From 2006-10-06
Rifaina	RIFB	Sao Paulo,Brazil	20.0737S 47.5019W	860	From 1993-01-01
Rifugio Sapienza	ERSA	Sicily,Italy	37.6987N 14.9943E	1880	From 1994-10-01
Right Bank House--Pihur	RBH	Pakistan	34.0705N 72.6705E	364	
Rignano Grg	RGNG	Italy	41.6742N 15.5864E	587	
Rihia Road	RITZ	North Island,New Zealand	38.9790S 175.8583E	510	
Riito	RII	Baja California	32.1640N 114.9603W	15	From 1977-02-01
Rijeka	RIY	Croatia	45.3250N 14.4830E	190	From 1989-05-04
Rikitea	RKT	Gambier Islands,French Polynesia	23.1197S 134.9733W	50	
Rilland Hill	SRH	St Vincent,Saint Vincent and the Grenadines	13.1860N 61.2540W	274	
Rim	RIM	Hawaii,U.S.A.	19.3983N 155.2770W	1128	From 1973-05-01
Rimouski	RIMQ	Quebec	48.4400N 68.4800W	129	From 1984-08-22
Rimrock	RMR	California,U.S.A.	34.2128N 116.5750W	1702	
Rinconada Maipu	RCDM	Santiago,Chile	33.4892S 70.8064W	487	
Riobamba	RIOE	Ecuador	1.7525S 78.6308W	2733	From 2007-01-01
Riobamba	RIOE1	Ecuador	1.7482S 78.6274W	2733	From 2006-01-20
Rio Blanco	RBC	Colorado,U.S.A.	39.8425N 108.3920W	1996	From 1973-01-01 to 1973-12-31
Rio Branco	RIOB	Acre,Brazil	10.1501S 67.7470W	220	
Rio Carpintero	RCC	Cuba	19.9942N 75.6958W	100	From 1965-07-25
Rio de Janeiro	RDJ	Rio de Janeiro,Brazil	22.8950S 43.2233W	29	
Rio Frio	RFVM	Mexico D.F.,Mexico	19.3332N 98.7617W	3105	
Rio Grande	RIOV	Venezuela	8.0690N 61.8140W	279	From 2002-11-06
Rio Grant	RIO	New Mexico,U.S.A.	35.7547N 106.1760W	2073	From 1975-02-21 to 1976-09-17
Rio Hardy	RHM	Sonora,Mexico	32.1422N 115.2860W	10	From 1969-02-16
Riolos of Patras	RLS	Greece	38.0578N 21.4667E	100	From 1976-07-15
Rio Macho	RMCR	Costa Rica	9.7845N 83.8572W	1420	
Rionero Sannitico	RNI2	Italy	41.7025N 14.1525E	970	
Rio Piedras	ERIP	Spain	37.3729N 7.2551W	82	From 1995-11-22
Rio Tinto	TINT	Spain	37.7667N 6.6333W		
Riou	RIU	Alaska,U.S.A.	59.8783N 141.2280W	15	
Rio Vista Mine	RVM	California,U.S.A.	34.1803N 114.2000W	243	From 1977-05-01
Risco	RSCM	Missouri,U.S.A.	36.5679N 89.7731W	82	
Rishiri	JRR	Soya,Japan	45.1378N 141.3112E	27	
Rita Coyotepec	IIC	Mexico D.F.,Mexico	19.7670N 99.2580W	2725	
Rita Site, White Sands Missile Range	Z23A	New Mexico,U.S.A.	33.2621N 106.2319W	1278	From 2008-05-14
Riverhead Borehole	RVAZ	North Island	36.7718S 174.5790E	-191	From 2008-04-03
Riveris	RIVT	Rheinland-Pfalz,Germany	49.7082N 6.7653E	269	
Riverside	RVUT	Utah,U.S.A.	41.8383N 112.2590W	1951	From 1979-09-01 to 1980-10-31
Riverside	RVR	California,U.S.A.	33.9933N 117.3750W	260	From 1926-10-19
Riverside Mountains	RVS	California,U.S.A.	34.0347N 114.5180W	677	From 1974-04-01
Riverview	RIV	New South Wales,Australia	33.8294S 151.1580E	25	
Riviere de l'Est	RER	Reunion	21.1590S 55.7460E	834	From 1986-02-10
Riviere-du-Loop	RDLQ	Quebec	47.8400N 69.5400W	55	From 1980-08-19
Riviere Ouelle	A16	Quebec,Canada	47.4706N 70.0064W	15	From 1977-08-30
Riviere-Ouelle	ROUQ	Quebec	47.4800N 70.0000W	26	From 1984-08-28
Riyadh	RYDS	Saudi Arabia	24.1900N 46.6400E	594	From 2001-06-25
Riyadh	RYD	Saudi Arabia	24.7200N 46.6100E	649	From 1986-01-01
Roach Canyon	PRCM	California,U.S.A.	36.2562N 120.6200W	623	
Roan Cliffs	ROA	Utah,U.S.A.	39.6615N 110.3647W	2962	
Robert W. Jensen	ARJM	California,U.S.A.	38.6865N 120.9560W	460	From 1976-12-02
Robets Cordova Ranch, Walsenberg	S25A	Colorado,U.S.A.	37.6606N 104.4349W	1821	From 2008-06-12
Robic@19	ROBS	Slovenia	46.2445N 13.5094E	265	
Robinson Place, Fruitland	O17A	Utah,U.S.A.	40.1948N 110.7378W	2079	From 2007-08-15
Robledal	RBDL	El Salvador	14.1130N 89.6865W	1431	
Rob Roy	ROYM	Victoria,Australia	37.6399S 145.2885E	180	
Roburent	ROB	Italy	44.2947N 7.8706E	806	
Rocca di Papa	RODP	Italy	41.7583N 12.7167E	760	From 1983-01-01
Roccamonfina	RFI	Italy	41.3006N 13.9847E	780	From 1988-05-01
Roccaromana	RMI2	Italy	41.2528N 14.2636E	702	
Rocchetta Volt	RV12	Italy	41.6219N 14.0214E	990	
Rochefort	RCHB	Belgium	50.1560N 5.2280E	161	From 2000-01-01
Rochester	ROC	New York,U.S.A.	43.1245N 77.5923W	155	From 1959-02-13
Rochester High School	RRHS	Washington,U.S.A.	46.7996N 123.0404W	47	
Rochester Mine, Lovelock	O08A	Nevada,U.S.A.	40.2903N 118.1550W	2137	From 2006-02-23 to 2008-03-06
Rochester (NY)	RMO	New York,U.S.A.	43.1317N 77.5386W	141	From 1968-03-22 to 1971-09-30
Rock City	RCG	Georgia,U.S.A.	34.9750N 85.3480W	468	From 1981-10-23 to 2008-02-13
Rock Creek Ranch, Frenchglen	K07A	Oregon,U.S.A.	42.6912N 119.2469W	1407	From 2006-05-30 to 2008-04-07
Rock Creek Ranch, Golconda	N09A	Nevada,U.S.A.	40.8520N 117.5244W	1617	From 2006-04-20 to 2008-03-07
Rock Eagle	REG	Georgia,U.S.A.	33.4421N 83.3371W	178	From 1978-02-01
Rockefeller Mts	RMA	King Edward VII Land,Antarctica	78.1333S 155.4170W	390	From 1940-11-17 to 1940-12-28
Rockland Lake	RLSP	New York,U.S.A.	41.1453N 73.9107W	61	
Rocklands Reservoir	ROKM	Victoria,Australia	37.2420S 141.9550E	200	
Rockport	RPW	Washington,U.S.A.	48.4483N 121.5140W	850	
Rock Springs	M19A	Wyoming,U.S.A.	41.5047N 109.1569W	2080	From 2007-10-24
Rocky Butte	RBO	Oregon,U.S.A.	45.5408N 122.5643W	158	
Rocky Gully	RKG	Western Australia,Australia	34.5698S 117.0100E	300	From 1983-07-01 to 2006-05-29
Rocky Gully	RKGY	Western Australia,Australia	34.6094S 116.9773E	220	
Rocky Mountain Net	TVGG	Georgia,U.S.A.	34.3772N 85.3023W	323	
Rodeo	AROD	San Juan,Argentina	30.1664S 69.4742W	2832	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Rodeo	RTRS	San Juan,Argentina	30.1700S 69.4603W	-	
Rodeo Gulch Road	JRGM	California,U.S.A.	37.0370N 121.9650W	213	From 1976-01-28
Rodgers	KRPM	California,U.S.A.	41.1582N 124.0230W	829	
Rodopi	RDC	Greece	41.1426N 25.5375E	100	From 1988-01-01
Rodman Mountain	ROD	California,U.S.A.	34.1297N 115.6050W	1292	
Roellen	RELT	Missouri,U.S.A.	36.0332N 89.3022W	107	
Roetgen-Dahlheim	RODG	Nordrhein-Westfalen	51.1447N 6.1803E	70	From 2002-07-01
Roetschberg	BD07	Nordrhein-Westfalen	50.9433N 6.6740E	74	From 2001-01-01
Roger Stewart	RGRS	South Carolina,U.S.A.	32.9075N 80.1942W	-52	From 1986-06-01
Roghun	RAG	Tajikistan	38.7000N 69.7800E	-	
Rognes	RGS	Norway	63.0210N 10.4350E	120	From 1985-12-22 to 2003-04-05
Rognes	ROG	Provence-Cote d'Azur,France	43.6840N 5.3127E	310	
Rohrbach	ROHR	Sachsen,Germany	50.2342N 12.3168E	629	From 2001-08-07
Rohtak	RTK	Haryana,India	29.0333N 76.4143E	0	
Rohtak	ROH	Haryana,India	28.9000N 76.6000E	220	
ROIAK	ROIA	Bulgaria	43.0933N 27.3778E	355	From 2006-10-01
Rokko	RKO	Hyogo,Japan	34.7639N 135.3018E	540	
Rokugo	JRG	Iwate,Japan	39.3963N 140.6338E	200	
Rolduc	RDC	Netherlands	50.8694N 6.0847E	145	
Rolla	ROL	Missouri,U.S.A.	37.9178N 91.8689W	200	From 1965-01-01
Rolling Bench Mark	BRMM	California,U.S.A.	36.8345N 120.8240W	372	From 1973-12-03
Roma	RMQ	Queensland,Australia	26.4857S 148.7582E	375	From 1984-08-11
Roma	RTQ	Queensland,Australia	26.5678S 148.8514E	350	
Roma	ROM9	Italy	41.8284N 12.5155E	110	From 2002-10-01
Roman Lake	ROMN	Northwest Territories	64.3157N 118.0182W	395	From 2007-08-12
Roman Nose	RNO	Oregon,U.S.A.	43.9122N 123.7410W	875	From 1991-09-01
Rombauer	RMB	Missouri,U.S.A.	36.8860N 90.2780W	147	From 1974-06-27
Rome	ROM	Italy	41.9033N 12.5133E	45	
Rome	K09A	Oregon,U.S.A.	42.6996N 117.7251W	1176	From 2006-08-05 to 2008-04-03
Rome, Mte Porzio	RMP	Italy	41.8111N 12.7022E	380	
Rome (USA)	RMG	Georgia,U.S.A.	34.3679N 85.2816W	244	From 1979-05-01
Romrod	GWBW	Hessen	50.7285N 9.1763E	368	From 2002-06-17
Roncone	RNI	Italy	45.9817N 10.6447E	1450	From 1981-06-15
Roopena	RPA	South Australia,Australia	32.7250S 137.4030E	-	
Roosevelt	O18A	Utah,U.S.A.	40.2655N 110.0082W	1582	From 2007-07-25
Roosevelt	RPK	Washington,U.S.A.	45.7617N 120.2310W	549	From 1975-11-01
Roosevelt	Y17A	Arizona,U.S.A.	33.6953N 110.8444W	866	From 2007-04-17
Roosevelt Hot Springs	RHU	Utah,U.S.A.	38.4722N 112.8470W	1905	From 1978-02-01
Roosevelt Roads	RRP	Puerto Rico	18.2333N 65.6333W	-	
Roosevelt Roads	RRD	Puerto Rico	18.2360N 65.6180W	40	From 1975-03-01 to 1999-08-25
Roppe	ROF	Frache Comte,France	47.6806N 6.9008E	500	
Rouquetas del Mar	EROQ	Spain	40.8232N 0.4088E	284	From 1987-02-01
Rosais	ROSA	Azores,Portugal	38.7195N 28.2415W	310	From 1989-07-01
Rosebud	GOIL	Illinois,U.S.A.	37.2900N 88.5800W	165	
Rosedale State School	RDSS	Queensland,Australia	24.6238S 151.9168E	117	From 2004-08-09
Roselend	RSL	Rhone-Alpes,France	45.6883N 6.6256E	1583	
Rose Lookout	RLO	Oklahoma,U.S.A.	36.1652N 95.0229W	341	From 1977-05-01
Rosemanowes	CRQ	England,United Kingdom	50.1672N 5.1726W	165	From 1981-02-01
Rosemanowes 2	CRQ2	England,United Kingdom	50.1669N 5.1686W	152	From 1981-01-01
Rosenbuehl-Arzberg	MROB	Bayern,Germany	50.0832N 12.1786E	570	From 2001-10-09
Roseneath	ROS	North Island,New Zealand	41.2833S 174.8000E	-	
Rose Park Fire Station, Salt Lake City, UT	RPF	Utah	40.7753N 111.9203W	1287	From 2007-10-03
Rose Pump	RSE	California,U.S.A.	32.9255N 115.4992W	-41	
Rose Valley	RVW	Washington,U.S.A.	46.1495N 122.7440W	460	From 1981-02-01
Rose Valley Central	RVMC	California,U.S.A.	36.0080N 117.8900W	1067	From 1975-09-26
Rose V. Central	WRVM	California,U.S.A.	36.0080N 117.8900W	1067	From 1975-09-26
Ross	ROSS	Washington,U.S.A.	45.6619N 122.6569W	61	
Rossano	ROI	Italy	39.5718N 16.5692E	605	From 1979-06-01
Ross Creek	RCJ	Utah,U.S.A.	40.6585N 111.4393W	2090	From 1992-10-30
Rosskopf	ROSI	Italy	46.9281N 11.4118E	1917	From 2006-12-13
Rostrenen	ROSF	Bretagne,France	48.3364N 3.2736W	260	From 1996-04-03
Roswell	Z25A	New Mexico,U.S.A.	33.2797N 104.7171W	1233	From 2008-04-16
Rota	RTN	Nicaragua	12.5333N 86.7832W	240	From 1975-01-01
Roteberg	ROTU	Sweden	61.4200N 15.8140E	100	From 2000-06-29
Rotoiti	RTY	South Island,New Zealand	41.8075S 172.8430E	635	From 1984-07-25 to 2003-09-09
Rotorua	ROT	North Island,New Zealand	38.1333S 176.2500E	284	From 1936-01-01 to 1942-12-31
Rotten Point	ROKY	Kentucky,U.S.A.	37.9090N 83.9260W	433	
Rotterdam (NY)	ROTD	New York,U.S.A.	42.7508N 74.0872W	283	
Rotzenmuhle	ROTZ	Bayern,Germany	49.7669N 12.2070E	430	
Rough Rock, Chinle	U18A	Arizona,U.S.A.	36.4199N 109.8696W	1878	From 2007-05-19
Rougiers	ROU	Provence-Cote d'Azur,France	43.4014N 5.8457E	500	
Round Butte Dam	VRBM	Oregon,U.S.A.	44.6008N 121.2700W	743	
Round Hill, Nevis	NVRH	Nevis,Saint Kitts and Nevis	17.1835N 62.6001W	305	From 2002-05-06
Round Mountain	RMT	California,U.S.A.	39.9172N 122.6690W	-	
Round Mountain	RDM	California,U.S.A.	34.4000N 117.1850W	1426	From 1976-12-01
Round Mountain	RMI	Idaho,U.S.A.	42.0788N 113.3462W	1516	
Round Mountain	GRMM	California,U.S.A.	39.0205N 122.5843W	469	
Round Mountain	GROM	California,U.S.A.	39.9173N 122.6710W	1274	
Round Top Mountain	GRTM	California,U.S.A.	38.9387N 122.6700W	619	
Roure	OG33	Rhone-Alpes	44.0918N 7.0872E	1195	From 2000-08-09
Rovaniemi	RNF	Finland	66.6090N 26.0135E	171	From 2007-09-01
Rovereto Di Novi	ROVE	Italy	44.8530N 10.9497E	21	
Rowesville	ROW	South Carolina,U.S.A.	33.3650N 80.7944W	35	From 1977-10-23
Rowsley	ROWM	Victoria,Australia	37.8058S 144.2915E	380	
Roxas	RCP	Panay,Philippines	11.5600N 122.7450E	140	
Roxburgh	ROX	South Island,New Zealand	45.4758S 169.3200E	106	
Royal City	RC1	Washington,U.S.A.	46.9433N 119.4330W	500	From 1988-05-27
Rozhen	RZN	Bulgaria	41.6880N 24.7160E	1730	
Rubha Reidh	RRR	Scotland,United Kingdom	57.8577N 5.8067W	61	From 1995-09-10
Rudovci	RUDS	Serbia,Serbia and Montenegro	44.3878N 20.4003E	0	
Ruedersdorf	RUE	Germany	52.4800N 13.7800E	-	
Rugen	RGN	Mecklenberg-Vorpommern,Germany	54.5477N 13.3214E	15	
Ruggs Ranch, Heppner	G07A	Oregon,U.S.A.	45.2664N 119.6692W	801	From 2006-08-17 to 2008-05-09
Ruhr-University Bochum--Klosterbusch Mine	BKLB	Nordrhein-Westfalen,Germany	51.4401N 7.2697E	85	
Ruhr-University Bochum--Staatschokbauamt	BSHA	Nordrhein-Westfalen,Germany	51.4469N 7.2445E	148	
Ruhr-University Bochum--Technical Center	BTEZ	Nordrhein-Westfalen,Germany	51.4490N 7.2790E	112	
Rumangabo	RUM	Congo (Kinshasa)	1.3400S 29.3600E	1590	From 1955-01-01 to 1969-12-31
Rumipamba	QUR	Ecuador	0.1717S 78.5288W	3720	From 1988-07-19
Rumoi	RMJ	Rumoi,Japan	43.9433N 141.6367E	22	
Rundenannen	RUND	Norway	60.4135N 5.3672E	525	From 1997-09-01
RUNDU	RUDU	Namibia	17.9090S 19.7210E	1071	From 2006-04-05
Runtun	RUN2	Ecuador	1.4218S 78.4132W	2430	From 1994-12-02
Runtun	RUN5	Ecuador,Ecuador	1.4152S 78.4242W	2630	From 2005-05-01
Runtun 3	RUN3	Ecuador	1.4467S 78.4270W	3290	
Ruppelstein	RUP	Rheinland-Pfalz,Germany	49.7017N 7.0593E	750	From 1976-01-01
Rusayo	RSY	Congo (Kinshasa)	1.5780S 29.1810E	1694	
Rushworth	RUSM	Victoria,Australia	36.6642S 144.9472E	127	
Russellman Park	CRPM	California,U.S.A.	37.9125N 121.9060W	331	From 1970-09-18
Russell Place, West Yellowstone	H16A	Montana,U.S.A.	44.7038N 111.2478W	2080	From 2007-08-25
Russell Springs	RS-KY	Kentucky,U.S.A.	37.1986N 84.8683W	274	From 1965-12-03 to 1965-12-13
Russell Springs	RS-	Kentucky,U.S.A.	37.1986N 84.8683W	274	From 1965-12-03 to 1965-12-13
Russkaya	RUS	Kamchatskaya Oblast',Russia	52.4331N 158.5131E	75	
Rustrel	RUSF	Provence-Cote d'Azur	43.9410N 5.4840E	550	From 2000-08-02
Rutbah	RTB	Iraq	33.0295N 40.3077E	624	
Ruteng	RUTI	Flores	8.6120S 120.4650E	0	From 2005-01-01
Ruth	RUT	Nevada,U.S.A.	39.2333N 114.9830W	2270	From 1960-01-01 to 1964-04-30
Ruthven	RUN	California,U.S.A.	32.9722N 114.9770W	151	From 1973-04-16
Ruweisid	RUWJ	Jordan	32.4750N 38.4019E	751	From 1989-10-02
Ryan	RYN	Nevada,U.S.A.	38.6282N 118.5230W	1585	From 1974-08-01
Rybach'ye	RYB	Kyrgyzstan	42.4500N 76.0833E	-	
Rybnik	RBN	Poland	50.0981N 18.5336E	250	
Ryder	RY-ND	North Dakota,U.S.A.	48.0972N 101.4944W	640	From 1963-07-22 to 1966-06-03
Ryder	RY-	North Dakota,U.S.A.	48.0972N 101.4944W	640	From 1963-07-22 to 1966-06-03
Ryogami san	JRY	Saitama,Japan	36.0167N 138.9017E	480	
S2 Ranch, Elgin	F09A	Oregon,U.S.A.	45.7087N 117.9094W	894	From 2006-08-09 to 2008-06-21
Saba	SABA	Caribbean Sea,Netherlands Antilles	17.6205N 63.2426W	261	From 2006-10-30
Saba	SBN	Netherlands Antilles	17.6370N 63.2350W	870	From 1976-10-01
Saba	SABS	Netherlands Antilles	17.6206N 63.2430W	500	
Saba	SABT	Netherlands Antilles	17.6205N 63.2430W	880	From 2000-01-22

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Sabatto	SBTG	Georgia	41.3236N	46.6639E	256	
Sabc	SABC	Cuba	20.3800N	75.1900W		From 2003-01-01
Saberio	SAB	Georgia	42.6600N	41.8500E	180	
Sable island	SABG	Nova Scotia	43.9312N	60.0084W	0	From 2005-10-13
Sacbachol	SBL	Guatemala	14.8917N	91.2787W	3403	From 1980-01-01
Sachs Harbour	SXT	Northwest Territories,Canada	71.9892N	125.2400W	77	From 1986-08-13
Sachs Harbour	SWT	Northwest Territories,Canada	71.9933N	125.2830W	80	From 1980-12-03 to 1986-07-14
Sacramento	SMKY	Kentucky,U.S.A.	37.4230N	87.2760W	158	From 1985-01-01
Sacranix	SMXG	Guatemala	15.5058N	90.4197W	1904	From 1985-11-01 to 1999-08-25
Sacuragua	FISA	Venezuela	11.2648N	69.3333W	600	From 1986-12-01 to 1999-08-25
Sa da Bandeira	SDB	Angola	14.9258S	13.5719E	1781	From 1962-01-01 to 1975-12-31
Sad'ah	SADA	Yemen	16.9330N	43.7500E	1850	
Saddle Back Butte	SBB	California,U.S.A.	34.6883N	117.8250W	832	
Saddleback Mountain	SBKC	California,U.S.A.	35.0788N	117.5810W	881	From 1974-01-03
Saddle Mountain	SDL	Washington,U.S.A.	46.7954N	119.4910W		
Saddle Peak	SADC	California,U.S.A.	34.0810N	118.6650W	732	From 1973-08-01
Sadie Cove	SDEM	Alaska,U.S.A.	59.4433N	151.2820W	770	From 1983-07-04 to 1984-06-29
Sado	JSD	Niigata,Japan	38.0370N	138.2603E	146	
Sadowa	SADO	Ontario,Canada	44.7694N	79.1417W	243	From 1993-12-03
Sadrabad	ISAD	Iran	31.9136N	53.6855E	2150	From 1998-10-01
Saentis	SAX	Switzerland	47.2507N	9.3449E	2500	From 1983-07-01
Safranbolu	SAFT	Turkey	41.2398N	32.6872E	406	
Saga	SAG	Saga,Japan	33.2450N	130.3050E	4	
Sagara	SGRN	Shizuoka,Japan	34.7122N	138.1889E	55	
Sagara	JSG	Shizuoka,Japan	34.6743N	138.1860E	107	
Saggi Highlands	SAGI	Israel	30.2040N	34.6770E	560	
Saguache, Gunnison	R2A1	Colorado,U.S.A.	38.2289N	106.7561W	2773	From 2007-12-19
Saham	SHMJ	Jordan	32.7270N	35.7640E	363	From 1989-08-28
Sahibganj	SHBG	Bihar,India	25.2167N	87.6667E		
Saibi	SISI	Sumatera	1.3265S	99.0895E	0	From 2007-12-01
Saidpur	SAD	Pakistan	33.7422N	73.0633E	838	From 1988-09-18
Saigo	SAI	Shimane,Japan	36.2018N	133.3363E	27	
Saijo	JHS	Hiroshima,Japan	34.9987N	133.1163E	470	
Saint Agoulin	AGO	Auvergne,France	46.0524N	3.1311E	523	From 1984-07-01
Saint Andre	A21	Quebec,Canada	47.7036N	69.6897W	46	From 1977-08-30
Saint Andrews	SAW	Washington,U.S.A.	47.7017N	119.4010W	704	From 1975-06-01
Saint Aubin	JSA	Channel Islands,United Kingdom	49.1879N	2.1709W	21	From 1981-01-01
Saint-Augustin-de-Desmaures	SADQ	Quebec	46.7485N	71.5365W	82	From 2007-11-01
Saint Breward	SBD	England,United Kingdom	50.5653N	4.6856W	220	
Saint Catharines	STCO	Ontario,Canada	43.2096N	79.1705W	96	From 1991-07-26
Saint Claude	SCG	Guadeloupe	16.0289N	61.6810W	646	
Saint-Cripen	OG21	Provence-Cote d'Azur,France	44.7155N	6.6185E	1395	From 1988-09-13
Saint Croix	SCV	Virgin Islands	17.7817N	64.7890W	12	From 1975-04-01 to 1999-08-25
Saint Croix	SCVI	Virgin Islands	17.7614N	64.5831W	10	From 2003-11-06
Sainte Mathilde	A61	Quebec,Canada	47.6931N	70.0900W	358	From 1981-06-05
Sainte-Reine	OG07	Rhone-Alpes,France	45.5927N	6.1410E	915	From 1992-10-07
Saint-Etienne-de-Cuines	OG10	Rhone-Alpes,France	45.3522N	6.2758E	1035	From 1992-10-15
Saint-Etienne-de-Tinee	STET	Provence-Cote d'Azur,France	44.2590N	6.9290E	1200	
Saint Francis Retreat	HSFM	California,U.S.A.	36.8120N	121.4990W	340	From 1975-11-13
Saint Francois	SFG	Guadeloupe	16.2533N	61.1965W	10	From 1975-01-01
Saint George	T13A	Utah,U.S.A.	37.0195N	113.9073W	878	From 2007-01-29
Saint George	SGS	South Carolina,U.S.A.	33.1925N	80.5095W	25	From 1973-03-08
Saint George	GN	New Brunswick,Canada	45.1184N	66.8421W	6	From 1981-10-28
Saint George Infrasonic Array Beam Ref. Pt.	SGIAR	Utah,U.S.A.	37.9159N	113.6150W		
Saint George Infrasonic Array Site 1	SGI01	Utah,U.S.A.	37.9159N	113.6150W		
Saint George Infrasonic Array Site 2	SGI02	Utah,U.S.A.	37.0097N	112.4915W		
Saint George Infrasonic Array Site 3	SGI03	Arizona,U.S.A.	36.1139N	113.6150W		
Saint George Infrasonic Array Site 4	SGI04	Nevada,U.S.A.	37.0097N	114.7385W		
Saint George's Hill	MGH	Montserrat	16.7200N	62.2160W	351	From 1980-07-09
Saint Gilles	SGMF	Bretagne,France	48.2542N	2.5569W	230	From 1996-04-03
Saint Helena Island	SHLN	Saint Helena	15.9167S	5.7333W	274	From 1907-01-01 to 1942-12-31
Saint Helena Road	NSHM	California,U.S.A.	38.5200N	122.6070W	328	From 1970-08-14
Saint-Hilarion	SHQ	Quebec,Canada	47.6034N	70.4009W	411	
Saint Jean	DPO	Quebec,Canada	46.6805N	72.7773W	167	
Saint Jean de L'Alberes	SJAF	Languedoc-Rousillon,France	42.4845N	2.8822E	450	From 1998-11-16
Saint Joe	SJID	Idaho,U.S.A.	47.3640N	116.4112W	1775	
Saint John	SJV	Virgin Islands	18.3450N	64.7620W	280	From 1975-06-01
Saint John's	STJ	Newfoundland,Canada	47.5717N	52.7328W	62	From 1964-06-01 to 1991-08-31
Saint John's	STJN	Newfoundland,Canada	47.5699N	52.7559W	167	From 1991-08-12 to 2006-03-28
Saint John's	SJNN	Newfoundland	47.5952N	52.6781W	146	From 2005-10-12
Saint John's Bayou	SJMO	Missouri,U.S.A.	36.6290N	89.4760W	91	
Saint Joseph Seminary	SJH	California,U.S.A.	37.3338N	122.0910W	122	From 1966-12-23
Saint-Julien-en-Beauchene	OG19	Provence-Cote d'Azur,France	44.6303N	5.7260E	1035	From 1989-10-13
Saint-Julien-le-Roux	VIVF	Rhone-Alpes,France	44.8561N	4.6728E	620	From 1996-04-03
Saint Kitts	SKI	St Kitts,Saint Kitts and Nevis	17.3333N	62.7390W	306	From 1959-04-17
Saint Kitts	STKP	St Kitts,Saint Kitts and Nevis	17.3800N	62.8270W	366	
Saint Kitts 2	SKDB	St Kitts,Saint Kitts and Nevis	17.3969N	62.8083W		From 1988-01-01
Saint Louis	SLM	Missouri,U.S.A.	38.6361N	90.2361W	161	From 1909-10-01
Saint Louis du Ha Ha	SLQ	Quebec,Canada	47.6662N	69.0103W	320	From 1984-06-07
Saint Lucia	SLI	St Lucia	14.0280N	61.0080W	30	From 1955-03-08 to 1959-02-02
Saint Martial	SSM	Haiti	18.5556N	72.3375W	26	
Saint Martin du Canigou	SMCF	Languedoc-Rousillon,France	42.5280N	2.4018E	1000	
Saint Martin du Fouilloux	MFF	Poitou-Charentes,France	46.6022N	0.1458W	270	From 1971-03-24
Saint Mary's College	SMCB	California,U.S.A.	37.8388N	122.1116W	177	
Saint-Maurice-en-Valgodemard	OG14	Provence-Cote d'Azur,France	44.8152N	6.1123E	1090	From 1988-10-26
Saint Nazaire	OCF	Rhone-Alpes,France	44.5783N	5.3021E	840	
Saint Ours	SURF	Provence-Cote d'Azur,France	44.4808N	6.8128E	1820	From 1983-10-01
Saint Patrick	MSPT	Montserrat	16.6835N	62.1992W	127	
Saint Patrick Mountain	VPMM	Oregon,U.S.A.	43.1933N	120.6660W	1387	
Saint Paul	SPP	Alaska,U.S.A.	57.1533N	170.2400W		
Saint Paul	SP-IS	Alaska,U.S.A.	57.1542N	170.2181W	10	
Saint Paul Island	SPIA	Alaska,U.S.A.	57.1776N	170.2455W	84	
Saint Paul Islands	SPI	Alaska,U.S.A.	57.1600N	170.2250W		From 1967-07-02 to 1967-09-10
Saint Petersburg	LNN	Leningradskaya Oblast',Russia	59.9333N	30.3000E	3	
Saint Petersburg	NE51	Leningradskaya Oblast',Russia	59.8810N	29.8260E	20	
Saint Peter's Dome Lookout	SPD	New Mexico,U.S.A.	35.7578N	106.3690W	2566	From 1973-09-01
Saint Peters School	SPSY	New York,U.S.A.	41.3019N	73.8906W	168	
Saint Philip	BBSP	Barbados	13.1045N	59.4579W	35	
Saint Pierre	SPR	St Pierre and Miquelon	46.7833N	56.1833W		
Saint Roch-des-Aulnaies	A11	Quebec,Canada	47.2425N	70.1978W	61	From 1977-08-30
Saint Saule	SSF1	Bourgogne,France	47.1167N	3.5014E		
Saint Saule	SSF	Bourgogne,France	47.0615N	3.5060E	355	From 1967-03-29
Saint Sauveur de Carouges	SSC	Basse-Normandie,France	48.5842N	0.1075W	300	
Saint Sauveur en Rue	SSB	Rhone-Alpes,France	45.2792N	4.5417E	700	
Saint Simeon	A64	Quebec,Canada	47.8264N	69.8922W	137	From 1977-08-30
Saint-Thibaud-de-Couz	OG09	Rhone-Alpes,France	45.5123N	5.8363E	630	From 1988-10-21
Saint Thomas	STVI	Virgin Islands	18.3533N	64.9622W	299	
Saint Thomas	VST	Virgin Islands	18.3540N	64.9570W	372	From 1975-04-01 to 1999-08-25
Saint Vincent	SVT	St Vincent,Saint Vincent and the Grenadines	13.1680N	61.2450W	38	From 1964-03-03 to 1999-08-25
Saint Vincent	SVI	St Vincent,Saint Vincent and the Grenadines	13.1700N	61.2580W	10	
Saint Vincent's CYO School for Boys, San Rafael	SVIN	California,U.S.A.	38.0333N	122.5264W	0	
Saipan	SAPN	Mariana Islands	15.2149N	145.7516E	209	From 1991-01-01
Sajaritas	SAJV	Venezuela	10.3648N	71.3511W	65	
Sakai	SAA	Tottori,Japan	35.5500N	133.2330E	2	
Sakaide	JJS	Kagawa,Japan	34.3737N	133.9307E	210	
Sakata	SAK	Yamagata,Japan	38.9067N	139.8470E	4	
Sakata 2	SKH	Yamagata,Japan	38.8567N	139.9730E	58	From 1978-03-01
Saki	SHKI	Azerbaijan	41.2050N	47.1950E	600	From 1973-01-01
Sakura	SKU	Chiba,Japan	35.7167N	140.2330E		
Sala	SALA	Syria	32.7112N	36.7329E	1670	From 1995-02-01
Sala Consilina	SLCN	Italy	40.3900N	15.6328E	986	
Salado	SDO	Atacama,Chile	26.4194S	70.3111W		
Salagasta	ASAL	Mendoza,Argentina	32.5911S	68.8349W	972	
Salakas	ISAL	Lithuania	55.5711N	26.1255E	175	
Salau	SALF	Midi-Pyrenees,France	42.7600N	1.1893E	900	From 1989-01-01
Salazar	SZVM	Mexico D.F.,Mexico	19.3230N	99.3810W	3357	
Salem	SX-SD	South Dakota,U.S.A.	43.8747N	97.2500W	488	From 1962-11-09 to 1962-12-12
Salem	SALM	Tamil Nadu,India	11.6500N	78.2000E	0	From 2000-01-01
Salem	VSMM	Oregon,U.S.A.	44.9270N	123.1270W	290	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Salem	SX-	South Dakota,U.S.A.	43.8747N	97.2500W	488	From 1962-11-09 to 1962-12-12
Sale Mountain	SLEB	British Columbia,Canada	51.1667N	118.1330W	2075	
Salina	SNK	Kansas,U.S.A.	38.9530N	97.6030W	407	From 1978-04-18 to 2001-07-15
Salina	SLNA	Italy	38.5636N	14.8329E	361	
Salina IE	ISLN	Sicily,Italy	38.5803N	14.8135E	283	From 1988-01-01
Salinas	SLN	Antofagasta,Chile	23.1539S	69.6111W	1350	
Salinas	SALI	Ecuador	2.1863S	80.9908W	50	From 1996-03-07
Salinas Radio	AN12*	California,U.S.A.	36.6685N	121.5190W	399	From 1969-05-09 to 1977-03-04
Salinas Radio Site	BFSM	California,U.S.A.	36.6665N	121.5190W	395	From 1977-03-09
Salinas Radio Site	SRC	California,U.S.A.	36.6685N	121.5190W	399	From 1969-05-09 to 1977-03-04
Sal'it	SLTI	Israel	32.2405N	35.0403E	250	From 2002-05-28
Salmond Ranch, Choteau	C15A	Montana,U.S.A.	47.7750N	112.6072W	1522	From 2007-09-09
Salo	SAL	Italy	45.6075N	10.5261E	77	
Salome	Y13A	Arizona,U.S.A.	33.8142N	113.8287W	356	From 2006-03-16
Salr	SALO	Italy	45.6183N	10.5243E	600	From 2005-11-03
Salt	SALJ	Jordan	32.0093N	35.6847E	780	From 1983-09-01
Salta	SLT	Salta,Argentina	24.7833S	65.4167W		
Saltair	SAU	Utah,U.S.A.	40.8197N	112.0730W	1283	From 1974-03-01 to 1982-04-30
Saltdale	SDLC	California,U.S.A.	35.3805N	117.8867W	756	
Saltlilo	SALX	Baja California	32.4222N	115.1303W	50	From 1994-08-16
Salt Lake City	SLC	Utah,U.S.A.	40.7638N	111.8480W	1423	From 1962-04-01
Salto do Cavalo	SDCA	Azores,Portugal	37.7939N	25.3172W	644	From 1981-01-01
Saltoluokta	SALU	Sweden	67.3801N	18.5067E	500	From 2003-08-24
Salton Sea Test Base	SLTC	California,U.S.A.	33.2648N	115.9232W	-50	
Saltpond	SPG	Ghana	5.2000N	1.0667W	50	From 1980-02-01 to 1980-06-30
Saltspring Island	SSIB	British Columbia,Canada	48.7558N	123.3875W	12	
Salvajina	SALC	Colombia	2.9729N	76.6952W	1430	From 1988-11-01
Samad	SMDO	Oman	23.0589N	58.0492E	1000	From 2001-07-01
Samaipata	SMB	Bolivia	18.1667S	63.8500W	1650	
Samana, DR	SMN1	Dominican Republic	19.1878N	69.2733W	50	From 2007-03-01
Samandagi	SMDT	Turkey	36.1090N	35.9490E	20	From 1997-05-01
Samarinda	SMKI	Kalimantan	0.4461S	117.2085E	97	From 2005-01-01
Samarkand	SAM	Uzbekistan	39.6733N	66.9900E	704	
Samaxi	SHE	Azerbaijan	40.6380N	48.6390E	840	From 1902-01-01
Samburg	DY4	Tennessee,U.S.A.	36.4167N	89.3031W	140	From 1969-01-01 to 1972-12-31
Sameba	SAMG	Georgia	41.6972N	44.8157E	465	From 2003-01-01
Samo	SOI	Italy	38.0722N	16.0550E	300	
Samoens	OG03	Rhone-Alpes,France	46.0667N	6.7305E	1000	From 1990-04-25
Samokov	SAM0	Former Yugoslav Rep. of Macedonia	41.6928N	21.1392E	638	From 2004-01-01
Samos	SMG	Greece	37.7087N	26.8370E	340	From 1989-06-01
Samos	SMS	Greece	37.8000N	26.7000E		
Sampolo	SMPL	Corse,France	42.0940N	9.2850E	405	
Samsville	SMV	Illinois,U.S.A.	38.4890N	88.0820W	134	From 1974-04-01
Samuel	SAML	Rondonia,Brazil	8.9488S	63.1832W	101	
Samuel	SRB	Rondonia,Brazil	8.8333S	63.4717W		
Sam W. Stewart	SWSC	California,U.S.A.	32.9408N	115.7958W	140	
San'a	SANA	Yemen	15.3870N	44.2050E	2280	
Sanada	SDJ	Nagano,Japan	36.4367N	138.3050E	660	From 1968-07-01 to 1973-03-31
Sanae	SNA	Dronning Maud Land,Antarctica	70.3150S	2.3250W	57	
Sanae	SNAA	Dronning Maud Land,Antarctica	71.6707S	2.8379W	846	
Sanak Island	SNKA	Alaska,U.S.A.	54.4740N	162.7750W	159	
Sanandaj	SNGE	Iran	35.0925N	47.3470E	1940	From 2004-04-04
San Andreas	SAC	California,U.S.A.	37.5825N	122.4170W	207	From 1973-10-01
San Andreas	JSAM	California,U.S.A.	37.5825N	122.4170W	207	From 1973-10-01
San Andreas Geological Observatory	SAO	California,U.S.A.	36.7640N	121.4472W	317	From 1966-01-01
San Andreas Lake	JSLM	California,U.S.A.	37.5760N	122.4233W	335	
San Andreas Lake	LT9	California,U.S.A.	37.5760N	122.4230W	335	From 1967-07-13 to 1972-09-27
San Andres	AUQP	Luzon,Philippines	13.3230N	122.6750E	50	
San Andres	SRD	Colombia	6.8132N	72.8503W	1640	From 1975-01-25
San Angelo	SA2	Texas,U.S.A.	31.5500N	100.9075W	732	From 1967-04-16 to 1967-05-16
San Angelo	SA4TX	Texas,U.S.A.	31.8247N	101.4264W	792	From 1967-04-17 to 1967-05-23
San Angelo	SA4	Texas,U.S.A.	31.8247N	101.4264W	792	From 1967-04-17 to 1967-05-23
San Angelo	SA2TX	Texas,U.S.A.	31.5500N	100.9075W	732	From 1967-04-16 to 1967-05-16
San Antonio	SLP	Guatemala	14.7430N	90.2828W	1410	From 1978-06-01
San Antonio Reservoir	PANM	California,U.S.A.	35.7797N	120.9070W	451	
San Ardo	PSAM	California,U.S.A.	36.0253N	120.8880W	184	
Sanarito	SANV	Venezuela	9.5010N	69.5360W	1083	From 2002-05-29
Sanatorio Duran	SDS	Costa Rica	9.9333N	83.8836W	2340	
San Benito	SBT	California,U.S.A.	36.5095N	121.0760W	442	From 1971-01-28
San Benito	BBNM	California,U.S.A.	36.5095N	121.0760W	442	From 1971-01-28
San Bernardino	IIB	Puebla,Mexico	18.9640N	98.3447W	2380	
San Bernardino Valley	SBVC	California,U.S.A.	34.0881N	117.3110W		
San Blas	SBLS	El Salvador	13.8393N	89.6230W	1949	
Sanborn	SANY	New York,U.S.A.	43.1738N	78.8703W	172	From 1977-10-19 to 2002-12-20
Sanbornton	NH1	New Hampshire,U.S.A.	43.5473N	71.5743W	402	
San Bruno Mountain	JSBM	California,U.S.A.	37.6790N	122.3970W	194	
San Calixto	LPZ	Bolivia	16.4953S	68.1327W	3658	From 1912-01-01
San Caprasio	ESAC	Spain	41.7219N	0.4693W	815	
San Carlos High School, San Carlos	Z17A	Arizona,U.S.A.	33.2969N	110.4723W	846	From 2007-04-16
San Casciano dei Bagni	SACS	Italy	42.8491N	11.9097E	845	From 2004-12-16
SANCHEONG	KSSAC	South Korea	35.4060N	127.8754E	139	From 2000-12-06
Sanchez	DR13	Dominican Republic	19.2405N	69.5887W	400	
San Clemente Island	SCI	California,U.S.A.	32.9800N	118.5470W	219	From 1967-07-27
San Cristobal	SCX	Chiapas,Mexico	16.7358N	92.6345W		From 1987-01-01
San Cristobal	SCRV	Venezuela	7.7889N	72.1917W	818	
San Cristobal	SCR	Santiago,Chile	33.5000S	71.0000W		
San Cristobal	CRIN	Nicaragua	12.7000N	87.0500W	685	
Sandakan	SDKM	Sabah,Malaysia	5.6410N	117.1950E	523	From 2003-04-01
San Damiano	DOI	Italy	44.5041N	7.2466E	1039	
Sand Bay	SBY	Alaska,U.S.A.	51.9976N	176.0920W		From 1948-08-01 to 1951-12-31
Sand Canyon	SNDC	California,U.S.A.	35.1430N	118.3020W	1317	
Sanders	W19A	Arizona,U.S.A.	35.1118N	109.3879W	1785	From 2007-04-29
Sanderson	SS-	Texas,U.S.A.	30.0214N	102.3281W	732	From 1961-10-19 to 1963-06-11
Sanderson	SS-TX	Texas,U.S.A.	30.0214N	102.3281W	732	From 1961-10-19 to 1963-06-11
Sanders Place, Florence	R24A	Colorado,U.S.A.	38.2315N	105.1075W	1978	From 2008-06-02
Sandia	CSAM	California,U.S.A.	37.6737N	121.7040W	215	From 1979-10-09
San Diego	SDC	California,U.S.A.	32.6833N	117.2420W		
San Diego	SND	California,U.S.A.	32.7667N	117.0670W	125	
San Diego Bay	SGB	Alaska,U.S.A.	55.5458N	160.4540W	275	
San Diego Road Dept, El Cajon	SDRC	California	32.7356N	116.9424W	113	From 2001-04-20
Sandimen	SSD	Taiwan region	22.7460N	120.6320E	148	
San Donato	SDI	Italy	41.7092N	13.8103E	720	From 1984-06-01
Sandpoint	B11A	Idaho,U.S.A.	48.4366N	116.3674W	870	From 2006-10-05 to 2008-06-12
Sand Point	SDPT	Alaska,U.S.A.	55.3492N	160.4766W	74	
Sand Point	SASA	Alaska,U.S.A.	55.3400N	160.4970W	23	
Sand Point	SDN	Alaska,U.S.A.	55.3413N	160.4970W	23	From 1978-10-12 to 2004-09-10
Sand Point BB	SPBA	Alaska,U.S.A.	55.3498N	160.4760W	90	From 1993-07-01
Sandskeio	ISAN	Iceland	64.0560N	21.5700W	208	From 1996-10-14
Sandspit	SSQ	British Columbia,Canada	53.2500N	131.8170W	3	From 1977-07-14 to 1978-03-18
Sandwick	SANU	Shetland Islands,United Kingdom	60.0176N	1.2386W	150	
Sandwick	SAN1	Shetland Islands,United Kingdom	60.0179N	1.2392W	150	From 1985-01-01
Sandy Floe Quarry	P403	Washington	48.0624N	124.1409W	314	From 2005-06-21
Sandy Hook	SHTN	Tennessee,U.S.A.	35.4597N	87.1297W	323	From 1985-09-27 to 1989-06-30
Sandy Lake, NWT	SNLN	Northwest Territories	62.8304N	107.6119W	0	From 2008-07-12
San Emigdio	SEGC	Colombia	3.5469N	76.2010W	1384	
San Felipe	HFEM	California,U.S.A.	36.9833N	121.4010W	323	From 1971-10-14
San Felipe	SFL	California,U.S.A.	36.9833N	121.4010W	323	From 1971-10-14
San Felipe	SFX	Baja California,Mexico	30.8810N	114.7520W	55	
San Felipe	SFP	Baja California,Mexico	31.0317N	114.8300W	4	From 1969-04-26
San Felix	SFX2	Panama	8.2935N	81.8688W	0	
San Fernando	SFDO	O'Higgins,Chile	34.6143S	71.0138W	690	
San Fernando	SFUC	Spain	36.6370N	6.1750W	88	
San Fernando	SFS	Spain	36.4656N	6.2055W	21	
San Fidel	W21A	New Mexico,U.S.A.	35.1170N	107.6476W	1966	From 2008-01-12
San Francisco	SFM	California,U.S.A.	37.7644N	122.4370W	103	
San Francisco	SFC	California,U.S.A.	37.7667N	122.4170W		
San Francisco	SFB	California,U.S.A.	37.7767N	122.4520W	100	From 1931-04-01 to 1964-12-31
San Francisco Camp Mather, Mather	S06C	California,U.S.A.	37.8817N	119.8488W	1377	From 2005-10-08 to 2007-10-04
San Francisco--Rincon	SFR	California,U.S.A.	37.7880N	122.3890W	8	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
S. Angelo Dei Lombardi	SNAL	Italy	40.9254N	15.2091E	874	From 2004-08-24
San Gibilmanna	SG6*	Sicily, Italy	37.9869N	14.0261E		From 1966-04-01 to 1966-05-01
Sangihe	SGSI	Mindanao	3.6860N	125.5286E	100	From 2005-01-01
Sangi-Kar	SNGI	Tajikistan	39.0300N	70.1300E	1400	
San Giovanni Rotondo	SGRT	Italy	41.7546N	15.7437E	960	From 2006-05-24
Sangju	KSSAJ	South Korea	36.4080N	128.1575E	128	From 2006-12-30
San Gregorio	SGP	Peru	16.5621S	72.7136W	108	
San Gregorio	GIO	Sicily, Italy	37.5667N	15.1083E	330	From 1989-02-01
Sang-Tuda	SAT	Tajikistan	37.9667N	69.0333E		
Sanguang	NSK	Taiwan region	24.6760N	121.3580E	682	
San Ignacio	SIV	Bolivia	15.9913S	61.0722W	520	From 1990-03-01
Sanikiliug	SNON	Nunavut, Canada	56.5418N	79.2254W	15	From 2006-09-20
San Jacinto	SJAS	El Salvador	13.6667N	89.1667W	1100	
San Javier	SJC	Linares, Chile	35.6417S	71.7250W	80	
San Jeronimo	SJRM	Guerrero, Mexico	17.1380N	100.4740W	40	
San Joaquin	SJX	Baja California, Mexico	31.7628N	115.9590W		From 1986-01-01
San Joaquin Reservoir	SJQ	California, U.S.A.	33.6200N	117.8450W	165	From 1971-07-07 to 1999-08-25
San Jorge	JORG	Ecuador	0.2172S	78.6457W	2800	
San Jorge 1	JOR1	Ecuador	0.0001S	78.6387W	2690	
San Jose	SNJE	El Salvador	13.8683N	89.6057W	1694	
San Jose	SJMP	Mindoro, Philippines	12.4610N	121.1190E	27	
San Jose	SJ-TX	Texas, U.S.A.	27.6119N	98.3128W	114	From 1961-11-01 to 1967-09-30
San Jose	SJR	Costa Rica	9.9350N	84.0778W	1156	
San Jose de las Matas	DR02	Dominican Republic	19.3542N	70.7718W	490	
San Jose del Guaviare	GUVG	Colombia	2.5448N	72.6273W	217	
San Jose del Monte	SBPH	Luzon, Philippines	14.7950N	121.1160E	240	
San Jose de Maipo	SJCH	Santiago, Chile	33.6407S	70.3538W	997	
San Jose Maipo	SJM	Santiago, Chile	33.6500S	70.3667W	967	
San Jose (USA)	SJ-	Texas, U.S.A.	27.6119N	98.3128W	114	From 1961-11-01 to 1967-09-30
San Juan	SJA	San Juan, Argentina	31.5261S	68.5581W	660	
San Juan	SJU	Peru	15.3560S	75.1790W	75	
San Juan	JUAN	Ecuador	0.2083S	78.5917W	3590	
San Juan	SJP	Puerto Rico	18.3817N	66.1183W	80	From 1925-12-01 to 1965-12-31
San Juan	SJG	Puerto Rico	18.1117N	66.1500W	457	From 1964-09-23
San Juan 2	JUA2	Ecuador	0.2138S	78.6052W	3670	
San Juan Bautista	HBTM	California, U.S.A.	36.8502N	121.5510W	98	From 1975-06-05
San Juan del Sur	SSNN	Nicaragua	11.2878N	85.8495W	415	
San Juan del Sur	SSN	Nicaragua	11.3012N	85.8535W	160	From 1975-01-01
San Juan Grade	AN3*	California, U.S.A.	36.7980N	121.5740W	171	From 1967-06-21
San Juan Grade	HJGM	California, U.S.A.	36.7980N	121.5740W	171	From 1967-06-21
San Juan, Peru	SJN	Peru	13.4117S	75.9467W	500	
SanJuan Tecuaco	SJT	Guatemala	14.0813N	90.2688W	460	From 1980-02-01 to 1999-08-25
San Juan (W)	SJGC	Puerto Rico	18.1120N	66.1500W	457	From 1964-09-23
Sankt Quirin	SQTA	Austria	47.2205N	11.2087E	1307	From 1989-05-01
San Leandro Hills	CSLM	California, U.S.A.	37.7243N	122.1180W	246	
San Lorenzo	SLA	Salta, Argentina	24.7211S	65.5045W	1581	
San Lorenzo	LORE	Ecuador	1.2960N	78.8453W	1	From 1992-07-08
San Lorenzo	LORV	Venezuela	9.7821N	71.0631W	0	
San Luis	SLU	Arizona, U.S.A.	32.5017N	114.7770W	41	From 1973-04-16
San Luis Dam	LSLM	California, U.S.A.	37.0802N	121.0940W	122	From 1974-03-02
San Luis Dam	SLD	California, U.S.A.	37.0747N	121.2210W	443	From 1965-11-01
San Marcial	SMNM	New Mexico, U.S.A.	33.7787N	107.0190W	1560	
San Marcos	SMCN	Nicaragua	11.9067N	86.2019W		From 1990-01-01
San Marcos	SMAM	Guerrero, Mexico	16.7855N	99.3982W		
San Martin	MRA	San Luis, Argentina	32.4190S	65.7172W	1095	
San Martin Antarctic Base	SMAI	Antarctic Peninsula	68.1302S	67.1059W	8	From 2007-02-02
San Miguel	MGUL	Ecuador	0.2587S	78.5843W	3498	
San Miguel	SMX	Baja California, Mexico	31.6880N	115.9040W		
San Miguel	SMMM	Mexico D.F., Mexico	19.7398N	98.7405W		From 1988-01-01
San Miguel	VSM	El Salvador	13.4281N	88.2742W	2129	
San Miguel Island	BSM	California, U.S.A.	34.0375N	120.3500W	172	From 1969-11-01
San Miguel Ranch, Cuba	V22A	New Mexico, U.S.A.	35.9138N	106.9094W	2164	From 2008-05-02
San Nicola dell'Alto	LADO	Italy	39.2840N	16.9795E	488	From 2008-05-10
San Nicolas Island	NSCC	California, U.S.A.	33.2480N	119.5240W	197	From 1994-05-01
San Nicolas Island	SNIC	California, U.S.A.	33.2483N	119.5230W	275	From 1957-07-24 to 1968-01-24
San Nicolas Island	BSN	California, U.S.A.	33.2450N	119.5070W	259	From 1970-03-01
Sannotori	STRE	Nagano, Japan	36.4014N	138.5517E	1825	
San Onofre	SNS	California, U.S.A.	33.4322N	117.5490W	152	From 1975-01-01
San Pablo	EPAB	Spain	39.5449N	4.3499W	946	
San Pablo	PAB	Spain	39.5458N	4.3483W	938	From 1992-10-01
San Pablo Dam	ZSP	California, U.S.A.	37.9450N	122.2570W	119	From 1978-11-03
San Pablo Ridge	CSPM	California, U.S.A.	37.9575N	122.3110W	216	
San Pedro de Atacama	SPCH	Antofagasta, Chile	22.9083S	68.1994W	2455	From 2004-07-30
San Pedro Hill	SPH	California, U.S.A.	33.7467N	118.3350W	445	From 1971-07-07 to 1974-03-31
San Pedro Martir	SPX	Baja California, Mexico	31.0450N	115.4650W	2800	From 1981-10-20
San Pedro Poas	SPS	Costa Rica	10.0776N	84.2512W	1120	
San Pedro Sula	SSU	Honduras	15.5000N	88.0500W	200	
San Possidonio	CORR	Italy	44.9020N	11.0095E	12	
San Rafael	RFA	Mendoza, Argentina	34.7707S	68.4658W	850	
San Rafael	SRU	Utah, U.S.A.	39.1108N	110.5240W	1804	From 1990-11-10
San Ramon	CRAM	California, U.S.A.	37.7672N	121.9380W	171	From 1976-09-02 to 2008-07-16
San Ramon	SRA	Costa Rica	10.0825N	84.4482W	1160	From 1974-01-01
Sanriku	SNI	Iwate, Japan	39.1067N	141.7580E	518	
San Roque	SRQ	Spain	36.2575N	5.3742W	202	
San Salvador	SSS	El Salvador	13.6811N	89.1981W	665	
San Sevaire	SS2	California, U.S.A.	34.2077N	117.5000W		From 1976-01-01
Sans Toucher	SSG	Guadeloupe	16.0887N	61.6788W	1210	
Santa	SZP	Luzon, Philippines	17.5510N	120.4560E	50	From 1979-04-11
Santa Barbara	ASTB	Jujuy, Argentina	23.9500S	64.4840W	1479	
Santa Barbara	ASBA	Azores, Portugal	38.7203N	27.3253W	675	From 1981-04-16
Santa Barbara	SBC	California, U.S.A.	34.4408N	119.7149W	61	From 1927-05-10
Santa Barbara Island	SBI	California, U.S.A.	33.4807N	119.0290W	6	
Santa Catalina Island West	CIW	California, U.S.A.	33.4653N	118.5520W	50	
Santa Cesarea Terme	SCTE	Italy	40.0724N	18.4675E	150	From 2006-02-02
Santa Clara	EGX	Sonora, Mexico	31.7102N	114.4780W		From 1981-09-22
Santa Clara	PFSC	Portugal	37.4738N	8.4260W	218	From 1996-01-01
Santa Clara	SCL	California, U.S.A.	37.3500N	121.9500W	28	From 1909-01-01 to 1955-12-31
Santa Clara County Offices	SCCB	California, U.S.A.	37.2874N	121.8642W	98	
Santa Cruz	SCC	California, U.S.A.	37.0067N	121.9970W	128	From 1961-06-11 to 1965-02-28
Santa Cruz	SCZP	Luzon, Philippines	15.7760N	119.9110E	21	
Santa Cruz	STCR	O'Higgins, Chile	34.6408S	71.3647W	175	
Santa Cruz	SCRN	Nicaragua	12.7317N	86.9383W	500	
Santa Cruz	STGR	Azores, Portugal	39.0802N	28.0031W	124	From 1990-07-19
Santa Cruz	SCA	Patagonia, Argentina	49.8333S	72.0500W		
Santa Cruz	SCZ	California, U.S.A.	36.5980N	121.4030W	261	From 1986-11-06
Santa Cruz Island	BSC	California, U.S.A.	33.9947N	119.6330W	457	From 1969-11-01
Santa Elena	AR5	Costa Rica	10.3414N	84.8247W	1420	
Santa Fe	PT09	Peru	11.6670S	76.1930W	5200	From 1983-08-26
Santa Fe	SFJM	Jalisco, Mexico	20.4865N	103.0395W	1500	
Sant'Agata di Puglia	SGTA	Italy	41.1350N	15.3650E	890	From 2006-01-18
Santa Helena	HELIC	Colombia	6.2341N	75.5477W	2788	From 1994-01-01
Santa Helena	SHP	Peru	16.1972S	72.4739W	471	
Santa Isabel	ISAV	Venezuela	9.5068N	70.8563W		
Santa Julia	SJUZ	El Salvador	13.5200N	88.5335W	1024	
Sant'Alfio	ESAL	Sicily, Italy	37.7545N	15.1345E	720	From 1994-10-01
Santa Lucia	STL	Santiago, Chile	33.4361S	70.6411W	595	
Santa Margarita	PMGM	California, U.S.A.	35.4298N	120.5200W	529	
Santa Maria	PSMA	Azores, Portugal	36.9950N	25.1288W	123	
Santa Maria Island	SAZ	Azores, Portugal	36.9717N	25.1683W		
Santa Pau	NE30	Spain	42.1600N	2.6450E	245	
Santaquin	SNQU	Utah, U.S.A.	39.7947N	111.9030W	1853	From 1990-08-30
Santaquin Canyon	SUU	Utah, U.S.A.	39.8887N	111.7920W	1987	From 1974-09-01 to 1990-08-21
Santa Rosa	SRP	Puebla, Mexico	18.8967N	97.7800W		
Santa Rosalia	SRV	Venezuela	8.5480N	71.2860W	1300	
Santa Rosalia	SRL	Baja California, Mexico	27.3288N	112.2760W		
Santa Rosa Mine	SME	California, U.S.A.	33.8227N	117.3550W	494	
Santa Rosa Mountain	SMO	California, U.S.A.	33.5358N	116.4617W	0	
Santa Sofia	SFI	Italy	43.9048N	11.8469E	548	From 1987-01-01
Santa Teresa Hills	JSTM	California, U.S.A.	37.2068N	121.7970W	149	From 1975-10-02

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Santa Venerina	EVRN	Sicily, Italy	37.6887N 15.1355E	364	From 1989-04-01
Santa Ynez Peak	SYV	California, U.S.A.	34.5267N 119.9780W	1305	From 1967-06-07
Sant'Elia a Pianisi	CIGN	Italy	41.6542N 14.9050E	350	From 2003-03-26
Santiago	SAN	Santiago, Chile	33.4531S 70.6617W	533	
Santiago	STS	Spain	42.8860N 8.5509W	265	
Santiago de Compostela	NE26	Spain	42.8860N 8.5520W	245	
Santiago de Maria	SDMZ	El Salvador	13.4738N 88.4847W	900	
Santiago Espada	SESP	Spain	38.1200N 2.5452W	1528	
Santiago Estero	SDE	Santiago del Estero, Argentina	27.8217S 64.2450W	177	
Santiago Island	SACV	Cape Verde Islands	14.9702N 23.6085W	387	
Santiago Maria	SDM	El Salvador	13.4861N 88.4706W	905	
Santiaguillo	SOG	Guatemala	14.7763N 91.5877W	2950	From 1984-02-01
Santiaguillo 2	SOG2	Guatemala	14.7172N 91.5703W	1560	From 1987-01-01
Santiao Chiao	TWB1	Taiwan region	25.0083N 121.9883E	20	From 1984-04-06
Santo Amaro	PAMA	Azores, Portugal	38.6797N 28.1798W	388	From 2005-08-01
Santo Antonio	PSAN	Azores, Portugal	37.8512N 25.7259W	395	From 2004-07-01
Santo Domingo	SDV	Venezuela	8.8860N 70.6330W	1580	From 1975-06-01
Santo Domingo	SDD	Dominican Republic	18.4579N 69.9134W	10	
Santo Domingo	STDO	Dominican Republic	18.4506N 69.9264W	12	
Santorini	SANT	Greece	36.3710N 25.4590E	540	
San Vicente	SNVI	El Salvador	13.6125N 88.8388W	1312	
San Vito de Coto Brus	SVTC	Costa Rica	8.7853N 82.9587W	1227	From 2005-03-15
Sanyi	NSY	Taiwan region	24.4160N 120.7610E	311	
San Ysidro	SYS	California, U.S.A.	32.5797N 116.9115W	277	
Sao Bartolomeu	PFSB	Portugal	37.2492N 8.3262W	171	From 1996-01-01
Sao Brissos	EVOP	Portugal	38.5280N 8.1236W	93	From 1997-06-01
Sao Paulo	SPB	Brazil	23.5920S 47.4320W	85	
Saorge	SAOF	Provence-Cote d'Azur, France	43.9863N 7.5553E	600	
Sao Teotonio	PTEO	Portugal	37.5456N 8.7242W	119	From 1993-08-03
Sa-pa	SPV	Vietnam	22.3383N 103.8352E	1150	From 1961-01-01
Sapanca-Adapazari	SPNC	Turkey	40.6860N 30.3083E	190	From 2008-06-27
Sapporo	SAP	Ishikari, Japan	43.0583N 141.3320E	17	
Sarab	ISRB	Iran	37.8250N 47.6667E	1950	From 1995-08-01
Sarajevo	SAR	Bosnia-Herzegovina	43.8733N 18.4283E	725	
Sarakhs	SRMB	Iran	36.5200N 61.1500E	0	
Saramarca	PP04	Peru	14.4855S 75.0915W	750	
Sarande	SRN	Albania	39.8800N 20.0005E	60	
Sarat Abidath	SRAT	Saudi Arabia	18.0390N 43.1620E	2300	From 1990-06-13
Saratoga Golf Course	SGC	California, U.S.A.	37.2827N 122.0500W	198	
Sarbogard	PKS8	Hungary	46.8787N 18.6765E	135	
Sarcpa Lake, Nunavut	SRLN	Northwest Territories	68.5513N 83.3238W	261	From 2005-08-21
SarDiz-Kayseri	SARI	Turkey	38.6787N 36.6970E	1673	From 2007-08-03
Sargodha	SARP	Pakistan	31.9215N 72.6718E	183	
Sarigan	SARN	Mariana Islands	16.7005N 145.7686E	0	
Sarkoy-Tekirdag	RKY	Turkey	40.6875N 27.1777E	687	From 2005-05-24
Sarmi	SMPI	Irian Jaya	1.9900S 138.7100E	0	From 2007-12-01
Sarria	EXSA	Spain	42.7760N 7.4190W	504	
Sarsar	RSA	Morocco	34.8770N 5.8280W	609	
Sart'ichala	SRCG	Georgia	41.7000N 45.1600E	700	
Sarutani	SRT	Nara, Japan	34.1761N 135.7450E	440	From 1960-05-01
Sarvestan	ISRV	Iran	29.3817N 53.1133E	2688	From 2002-10-01
Sasagawa	JNS	Niigata, Japan	37.8183N 139.3172E	145	
Saskatoon	SAS	Saskatchewan, Canada	52.1333N 106.6330W	515	From 1915-01-01 to 1960-04-01
Sasso d'Italia	SSO	Italy	43.2930N 13.4200E	302	From 1987-05-01
Sassorosso	SARO	Italy	44.1848N 10.4015E	1030	From 1992-05-01
Satara	STA	Maharashtra, India	17.6950N 74.0000E	665	
Satriano di Lucania, Italy	STN3	Italy	40.5300N 15.6515E	832	From 1996-02-24
Saturna Island	SNB	British Columbia, Canada	48.7750N 123.1710W	405	From 1981-01-28
Sault Sainte Marie	SL-ON	Ontario, Canada	46.6372N 84.3506W	335	
Sault Ste Marie	SL-	Ontario, Canada	46.6372N 84.3506W	335	
Saumlaki	SLKI	Moluccas, Indonesia	7.9817S 131.2980E		
Saurbar	ISAU	Iceland	63.9900N 20.4150W	74	From 1989-12-12
Sauteurs	GRHS	Grenada	12.2239N 61.6413W	66	
Savage River	SVR	Tasmania, Australia	41.4667S 145.2170E		
Savane Anatole	SVN	Martinique	14.8417N 61.1678W	510	
Savannah	SAV	Tasmania, Australia	41.7208S 147.1890E	180	From 1961-01-01
Savannah River	SRPW	South Carolina, U.S.A.	33.2022N 81.5781W	77	From 1976-08-06
Savannah River	SRPD	South Carolina, U.S.A.	33.1550N 81.7125W	31	
Savannah River	SRPN	South Carolina, U.S.A.	33.3289N 81.5889W	94	
Savo	SVO	Solomon Islands	9.1500S 159.8150E	87	From 1980-06-01 to 1983-01-27
Sawahan	SJI	Jawa, Indonesia	7.7349S 111.7669E	723	
Sawauchi	SAH	Iwate, Japan	39.4033N 140.7720E		
Sawmill	SWM	California, U.S.A.	34.7183N 118.5820W	1220	From 1966-03-07
Sawmill	SML	Alaska, U.S.A.	61.8082N 148.3330W	740	
Sawmill Road	JSMM	California, U.S.A.	37.2123N 122.1680W	262	From 1971-07-14
Sawyer ville	MLAL	Alabama, U.S.A.	32.7055N 87.6936W	55	
Sayfiye	SAY	Turkey	40.1167N 29.3345E	850	From 1993-01-01
Say'un	SYON	Yemen	15.9417N 48.7833E	0	
S.Benedetto Po	SBPO	Italy	45.0511N 10.9199E	10	From 2005-06-20
S Black Range	SBR	New South Wales, Australia	35.4250S 149.5330E	1265	From 1976-12-01
Scaffel	CSF	England, United Kingdom	54.4478N 3.2430W	540	
Scarborough	SCB	Ontario, Canada	43.7167N 79.2333W	153	From 1962-05-23 to 1974-12-31
Scarperia	SEI	Italy	44.0544N 11.3564E	610	
Schaffner Ranch	SNR	California, U.S.A.	32.8618N 115.4370W	-29	From 1973-04-16
Schefferville	SV2	Quebec, Canada	54.8150N 66.7586W	594	From 1964-09-20 to 1965-07-23
Schefferville	SCH	Quebec, Canada	54.8167N 66.7833W	540	From 1962-07-11 to 1994-12-12
Schefferville	SCHQ	Quebec, Canada	54.8319N 66.8336W	501	From 1994-12-20
Schefferville	SV3QB	Quebec, Canada	54.8108N 66.7500W	579	
Schefferville	SV3	Quebec, Canada	54.8108N 66.7500W	579	
Schefferville	SV2QB	Quebec, Canada	54.8150N 66.7586W	594	From 1964-09-20 to 1965-07-23
Scherman	SRMY	New York, U.S.A.	41.2283N 73.0139W	165	
Schinveld	SCHN	Netherlands	50.9842N 6.0195E	57	
S. Chirico Raparo	SCHR	Italy	40.1992N 16.0759E	968	From 2003-12-05
Schitu	SCHRR	Romania	44.1345N 25.8292E	128	From 1997-09-29
Schlegeis	SCE	Austria	47.0386N 11.7103E	1737	
Schleitheim	SLE	Switzerland	47.7662N 8.4933E	600	From 1981-01-01
Schmiedefeld	SCHD	Thuringen	50.5351N 11.2119E	761	From 2008-05-20
Schoenbrunner Berg-Wunsiedel	MSBB	Bayern, Germany	50.0314N 11.9728E	622	From 2001-04-10
Schriesheim-Wilhelmstollen	SWS	Baden-Wuerttemberg, Germany	49.4843N 8.7008E	223	From 2000-01-01
Schurz	Q07A	Nevada, U.S.A.	38.9383N 118.8078W	1275	From 2006-02-27 to 2008-03-13
Schuyler	SU-VA	Virginia, U.S.A.	37.7597N 78.7267W	165	From 1965-06-19 to 1965-07-23
Schuyler	SU-	Virginia, U.S.A.	37.7597N 78.7267W	165	From 1965-06-19 to 1965-07-23
Schweizer	SWZ	Transvaal, South Africa	27.1823S 25.3317E	1342	
Scilla	SCLL	Sicily, Italy	38.2563N 15.7143E	81	
Scilla	MSCL	Italy	38.2320N 15.7900E	835	From 1993-12-01
Scobie Ranch	PSRM	California, U.S.A.	35.8578N 120.2800W	552	
Scorciavacca	ESCV	Sicily, Italy	37.7420N 14.8150E	615	From 1989-04-01
Scoresbysund	SCO	Greenland	70.4833N 21.9500W	69	
Scott Base	SBA	Victoria Land, Antarctica	77.8503S 166.7560E	38	From 1957-03-01
Scott Mountain	VSCM	Oregon, U.S.A.	43.3725N 123.0630W	1295	
Scott Ranch	STTC	California, U.S.A.	34.7885N 118.4620W	829	
Scott's Head	DSHT	Dominica	15.2136N 61.3737W	133	
Scotts Head	DSC	Dominica	15.2084N 61.3652W	50	
Scotts Peak	SPK	Tasmania, Australia	43.0383S 146.2750E	425	From 1972-07-01
Scotty Lake	SCT	Alaska, U.S.A.	62.3192N 150.2970W	140	From 1971-08-01 to 1975-06-30
Scourie	RSC	Scotland, United Kingdom	58.3485N 5.1684W	60	From 1995-09-10
Scoval	KSK	Scotland, United Kingdom	57.4653N 6.7020W	250	From 1989-01-01
Scrawed	SRDI	Jawa, Indonesia	8.4794S 114.1420E	290	From 1991-01-01
S. Croce Del Sannio	SACR	Italy	41.3974N 14.7057E	859	From 2004-06-08
Scrubby Hill	SYZ	South Island	46.5385S 169.1388E	52	From 2006-05-05
Scullys Gap (BLM), Evanston	M17A	Wyoming, U.S.A.	41.4729N 106.664W	2101	From 2007-10-31
Scurtabr	SC2M	Italy	44.4043N 9.5343E	664	From 2006-06-25
Seabrook	SBK	South Carolina, U.S.A.	32.5655N 80.1802W	-59	
Seaman Range	SRG	Nevada, U.S.A.	37.8822N 115.0680W	1645	
Searcy	SEAR	Arkansas, U.S.A.	35.2547N 91.7147W	0	
Sears Point	SNT	California, U.S.A.	38.1827N 122.4530W	88	
Seaside	F03A	Oregon, U.S.A.	45.9306N 123.5591W	324	From 2005-11-08
Seaside SMO	SEAS	Oregon	45.9974N 123.9258W	5	From 2004-01-30
Seatoun	STN	North Island, New Zealand	41.3167S 174.8000E	3	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Seattle	SEA	Washington,U.S.A.	47.6550N	122.3080W	30	From 1906-01-01
Seattle	STT	Washington,U.S.A.	47.4228N	122.3140W		From 1964-04-01 to 1976-04-30
Sebes	SBE	Romania	45.5964N	23.6186E	0	
Sechelt	SHB	British Columbia,Canada	49.5972N	123.8750W	1143	
Second Sedna Site,Hudson Bay	JOSN	Nunavut	63.1622N	91.5420W	295	From 2006-08-25
Sedan	SDAN	South Australia,Australia	34.5093S	139.3374E	125	
Sedlovina	SDLR	Kamchatskaya Oblast',Russia	53.2781N	158.8840E	1235	
See Canyon	PSEM	California,U.S.A.	35.2452N	120.7650W	201	
Seeley Lake	SLMT	Montana,U.S.A.	47.2418N	113.4935W	1701	
Sefi@ 18d Ru@ 18d	SRI	Iran	36.7583N	49.3833E	243	
Sefi@ 18d Ru@ 18d	SEF	Iran	36.7583N	49.3833E	243	
Sefidab	ISFB	Esfahan,Iran	34.3539N	52.2365E	1000	From 1996-01-01
Segre	SGR	Pays de la Loire,France	47.7094N	0.9230W	90	From 1973-01-01
Sehore	SEH	Madhya Pradesh,India	23.1667N	77.0833E		
Seigler Mountain	GSGM	California,U.S.A.	38.8667N	122.7100W		From 1974-07-02
Sejong Station	SEJ	South Shetland Islands,Antarctica	62.2208S	58.7528W	18	
Sekinsonzan	SSZ	Nagano,Japan	36.3867N	138.5208E	1869	
Sela	SELA	Greece	38.2756N	21.8926E	611	From 2006-07-28
Selb-Vielitz	VIEL	Bayern,Germany	50.1856N	12.1028E	670	From 1996-03-19
Seldovia	XLV	Alaska,U.S.A.	59.4547N	151.7220W	380	From 1987-01-01
Seldovia	SLV	Alaska,U.S.A.	59.4713N	151.5810W	91	
Seligman	W14A	Arizona,U.S.A.	35.2127N	113.0834W	1756	From 2006-03-10
Seligman	SG-	Arizona,U.S.A.	35.6408N	113.2608W	1676	From 1964-04-06 to 1965-10-04
Seligman	SG-AZ	Arizona,U.S.A.	35.6408N	113.2608W	1676	From 1964-04-06 to 1965-10-04
Selova	SELS	Serbia,Serbia and Montenegro	43.2013N	21.1210E		
Selva	ESEL	Balearic Islands,Spain	39.7682N	2.8943E	231	From 1988-07-01
Semalu	ESM	New Britain,Papua New Guinea	4.2770S	152.6860E	50	
Semarang	SMRI	Jawa	7.0492S	110.4407E	203	From 2005-01-01
Semdilli	SEMD	Turkey	37.3473N	44.5208E	1910	From 2005-09-28
Semeru Mts	SMR	Jawa,Indonesia	8.1000S	112.9000E		
Semigandzh	SGZ	Tajikistan	38.6500N	69.0000E	0	
Sempalatinsk	SEM	Kazakhstan	50.4083N	80.2500E	209	
Semisopchnoi Island	SSI	Alaska,U.S.A.	51.8924N	179.5880E	178	From 1970-10-17 to 1973-04-30
Semkarok	SMKR	Kamchatskaya Oblast'	56.5820N	161.4680E	898	From 2005-09-10
Semlyachik	SEL	Kamchatskaya Oblast',Russia	54.1167N	159.9833E		
Semnan-Aivanekey	SMAV	Iran	35.2873N	52.1541E	1000	From 2004-01-01 to 2004-09-01
Semponon	SEMI	Sumatera,Indonesia	2.4603N	98.3917E	1750	
Sendai	SEN	Miyagi,Japan	38.2600N	140.9000E	38	
Seneca	SA-OR	Oregon,U.S.A.	44.1556N	118.6625W	1524	
Seneca	SA-	Oregon,U.S.A.	44.1556N	118.6625W	1524	
Seneffe	SNF	Belgium	50.5086N	4.2833E	108	From 1985-07-01
Senekal	SEK	Orange Free State,South Africa	28.3233S	27.6250E	1486	
Senigallia	SENI	Italy	43.7052N	13.2331E	10	From 2006-07-27
Senzan	SNZ	Hyogo,Japan	34.3530N	134.8410E	370	From 1972-01-22
Seogwipo	KSSGP	South Korea	33.2587N	126.4994E	222	From 2001-11-21 to 2003-12-01
Seongsanpo	KSSSP	South Korea	33.3868N	126.8804E	18	From 2001-11-21
Seosan	KSSSE	South Korea	36.7893N	126.4531E	99	From 2000-12-19
Seoul	SEO	South Korea	37.5667N	126.9670E	86	From 1945-01-01
Seoul	KSSEO	South Korea	37.4879N	126.9188E	33	From 1998-10-29
Separation Peak, Rawlins	M21A	Wyoming,U.S.A.	41.6067N	107.3635W	2275	From 2007-11-01
Sept-Chutes	SFA	Quebec,Canada	47.1244N	70.8268W	230	From 1927-01-01
Sept Iles	SIC	Quebec,Canada	50.1720N	66.7380W	283	
Sequim	SQM	Washington,U.S.A.	48.0739N	123.0470W		
Serang	SBJI	Jawa,Indonesia	6.1200S	106.1300E	0	
Sergokala	SGKR	Dagestan,Russia	42.4597N	47.6583E	500	
Sergoula	SERG	Greece	38.4133N	22.0566E	477	From 1998-07-01
Sermur	SER	Limousin,France	45.9775N	2.4300E	710	
Serra Branca	SRBC	Azores,Portugal	39.0366N	28.0409W	300	
Serracapriola	FG2	Italy	41.8048N	15.1609E	241	
Serra de Santa Barbara	PSBA	Azores,Portugal	38.7673N	27.3247W	453	
Serra do Cume	PSCM	Azores,Portugal	38.7007N	27.1173W	360	
Serra do Cume	SCUM	Azores,Portugal	38.6975N	27.1201W	316	From 1983-03-01
Serra do Socorro	PSSC	Portugal	39.0153N	9.2336W	375	
Serrai	SRS	Greece	41.1172N	23.5922E	400	From 1981-01-01
Serra La Nave	ESLN	Sicily	37.6934N	14.9744E	1787	From 2005-07-13
Serra Pizzuta	ESPC	Sicily,Italy	37.6917N	15.0273E	1600	From 1985-12-01
Sersale	SERS	Italy	39.0359N	16.6986E	1221	From 2005-10-19
Serv Nac Est Terr	SNET	El Salvador	13.6868N	89.2315W	775	
Sete Cidades	SETA	Azores,Portugal	37.8131N	25.7513W	675	From 1990-05-22
Sete Cidades	PSET	Azores,Portugal	37.8233N	25.7208W	475	From 2001-06-16
Setif	SET	Algeria	36.2000N	5.4000E	1000	From 1958-09-01
Sevastopol'	SEV	Ukraine	44.5450N	33.6680E	42	
Sevenhill	SNL	South Australia,Australia	33.8872S	138.6390E	480	From 1967-01-01 to 1971-12-31
Sevenoaks	TSA1	England,United Kingdom	51.2426N	0.1561E	177	From 1989-01-01
Seven Oaks Dam	SVD	California,U.S.A.	34.1064N	117.0982W	574	
Severo-Kuril'sk	SKR	Sakhalinskaya Oblast',Russia	50.6830N	156.1170E	22	
Severomysk	SVKR	Severo-Osetinskaya,Russia	56.1169N	113.5589E	850	
Severo-Muysk	SVK	Buryatiya,Russia	56.1839N	113.5189E	850	
Sevier Lake (BLM), Delta	Q14A	Utah,U.S.A.	38.9882N	113.2769W	1464	From 2007-06-11
Sevinc	SGT	Turkey	36.9438N	31.5008E	205	From 1975-04-01
Sewanee	SWET	Tennessee,U.S.A.	35.2163N	85.9320W	581	
Sewanee	SWTN	Tennessee,U.S.A.	35.3002N	86.0763W	305	
Seward	SEW	Alaska,U.S.A.	60.1037N	149.4490W	55	From 1972-08-22
Seward Park	SPW	Washington,U.S.A.	47.5537N	122.2460W	8	From 1969-09-17
Sexfontaines	SFTF	Champagne-Ardenne,France	48.2050N	5.0383E	399	
Seychelles	SEYC	Seychelles	4.0833S	55.0833E		From 1913-01-01 to 1942-12-31
Seydisehir	SYT	Turkey	37.3047N	31.8750E	1530	From 1976-01-01 to 1981-01-31
Seymchan	SEY	Magadanskaya Oblast',Russia	62.9328N	152.3822E	218	
Seymour	SM-	Texas,U.S.A.	33.6822N	99.1897W	396	From 1961-12-06 to 1961-12-20
Seymour	SM-TX	Texas,U.S.A.	33.6822N	99.1897W	396	From 1961-12-06 to 1961-12-20
Sfinta Ana	AAR	Romania	46.1333N	25.8950E	1101	
Sgolgore (BA)	SG1	Italy	40.8400N	16.6790E	523	From 1988-07-01
Sha@ 18hru@ 18d	SHD	Iran	36.4333N	54.9417E	1500	From 1975-03-01
Shaartz	SHTS	Tajikistan	37.2667N	68.1333E		
Shabestar	ISHB	Iran	38.2833N	45.6166E	2300	From 1995-08-01
Shahmirzad	ISHM	Iran	35.8067N	53.2922E	3100	From 1999-05-01
Shahran	ISHR	Iran	35.8061N	51.2889E	1470	From 1996-01-01
Shai Hills	SHGH	Ghana	5.9283N	0.0419W	84	From 1987-01-01
Shakotan	JSK	Shiribeshi,Japan	43.3525N	140.4757E	10	
Shalim	SHAO	Oman	18.0228N	55.6251E	292	From 2004-12-01
Shamokin	SH-PA	Pennsylvania,U.S.A.	41.0136N	76.9136W	183	From 1962-10-11 to 1962-10-27
Shamokin	SH-	Pennsylvania,U.S.A.	41.0136N	76.9136W	183	From 1962-10-11 to 1962-10-27
Shamrock	SK-TX	Texas,U.S.A.	35.0828N	100.3639W	671	From 1963-08-19 to 1964-03-06
Shamrock	SK-	Texas,U.S.A.	35.0828N	100.3639W	671	From 1963-08-19 to 1964-03-06
Shandon	PSHM	California,U.S.A.	35.5908N	120.4150W	390	
Sharaf	SHRF	Saudi Arabia	28.9460N	35.1090E	1000	
Sharaf	SRFA	Saudi Arabia	28.9300N	35.1880E	725	From 1986-01-01 to 1995-12-31
Sharpitor	SHT	England,United Kingdom	50.5106N	4.0356W	0	
Shasta Dam	SHS	California,U.S.A.	40.6950N	122.3880W	312	From 1942-01-01 to 1964-05-30
Shatzhatmas	SHAR	Stavropol'skiy Kray,Russia	43.7428N	42.6686E	2070	
Shawbak	SHWJ	Jordan	30.3830N	35.5000E	1734	From 1989-11-01
Shawinigan Falls	SHF	Quebec,Canada	46.5517N	72.7633W	60	From 1928-01-01 to 1965-12-08
Shawnee State University	SSUO	Ohio,U.S.A.	38.7290N	82.9890W	162	
Sheep	HSPM	California,U.S.A.	37.1152N	121.5160W	850	
Sheep Canyon	SCU	Utah,U.S.A.	39.4873N	110.2420W		From 1962-01-01 to 1977-03-31
Sheep Creek Facility	SCF	Alaska,U.S.A.	61.9947N	150.0390W	67	From 1971-08-01 to 1975-06-30
Sheep Creek Mountain	SCM	Alaska,U.S.A.	61.8333N	147.3280W	1020	
Sheep Hole Mountains	SHH	California,U.S.A.	34.1877N	115.6540W	1122	
Sheep Mountain BLM, Rosette	M14A	Utah,U.S.A.	41.5030N	113.3471W	1318	From 2007-02-10
Sheeppen Canyon, Tinnie	Z24A	New Mexico,U.S.A.	33.3298N	105.3649W	1863	From 2008-05-15
Sheep Range	SHPR	Nevada,U.S.A.	36.5055N	115.1602W	1590	
Sheep Range	SHRG	Nevada,U.S.A.	36.5048N	115.1559W	1641	From 1979-05-22 to 2002-10-10
Sheffield	SFF	Tasmania,Australia	41.3375S	146.3080E	213	From 1969-08-04
Sheikh Budin	SBDP	Pakistan	32.2997N	70.8072E	1356	
Sheil Bridge	KSB	Scotland,United Kingdom	57.2098N	5.4230W	70	From 1983-01-01
Sheki	SEKA	Azerbaijan	41.2090N	47.1980E	847	From 2003-08-01
Shelby Forest	SFTN	Tennessee,U.S.A.	35.3575N	90.0187W	-23	From 1979-08-02
Shell Creek	SCE1	Oklahoma,U.S.A.	35.4390N	97.8140W	408	
Shemya	SQ-IS	Alaska,U.S.A.	52.7269N	174.1092E	61	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Shemya	SHY	Alaska,U.S.A.	52.7333N	174.1330E	-	
Shemya	SMY	Alaska,U.S.A.	52.7295N	174.0994E	58	
Shenyang	SNY	Liaoning,China	41.8278N	123.5780E	54	From 1983-08-01
Shenyang	FEN	Liaoning,China	41.7833N	123.4000E	25	
Sherbrooke	SBO	Quebec,Canada	45.3783N	71.9263W	265	From 1980-08-12
Sheriff Wilson	SWNG	California,U.S.A.	37.6382N	118.8920W	2188	From 1979-11-11
Sherman Crater--Mount Baker	SCW	Washington,U.S.A.	48.7675N	121.8170W	2990	From 1975-03-31 to 1976-10-01
Sherman Glacier	SGAM	Alaska,U.S.A.	60.5012N	145.2070W	424	From 1976-08-16
Sherwood Peak	KSPM	California,U.S.A.	39.5173N	123.5010W	869	
Sheshan	ZSC	Jiangsu,China	31.0956N	121.1870E	10	From 1976-11-15
Sheshan	ZKW	Jiangsu,China	31.1833N	121.4330E	7	
Sheshan	ZSC*	Jiangsu,China	31.0967N	121.1860E	90	
Sheshan	SSE	Jiangsu,China	31.0956N	121.1867E	15	From 1976-11-15
Shezaf	SZAF	Israel	30.9000N	34.5500E	290	
Shi @ 18ra @ 18z	SHI	Iran	29.6418N	52.5133E	1595	From 1963-05-10
Shibata	SBH	Niigata,Japan	37.9656N	139.4538E	140	
Shiboa	JSB	Tochigi,Japan	36.9683N	139.9200E	460	
Shichikawa	SKW	Wakayama,Japan	33.5880N	135.6900E	120	From 1958-04-01
Shide	SHID	England,United Kingdom	50.6833N	1.2833W	-	
Shields Creek	CLAP	British Columbia,Canada	53.3217N	132.4110W	60	
Shikano	SNTD	Tottori,Japan	35.4105N	134.0204E	200	
Shikotan	SHO	Sakhalinskaya Oblast',Russia	43.8700N	146.8300E	55	
Shikotan	SKT*	Sakhalinskaya Oblast',Russia	43.8667N	146.8000E	-	
Shiliguri	SLGI	India	26.7000N	88.4167E	-	
Shilin	ESL	Taiwan region	23.8140N	121.4330E	178	
Shillong	SHIO	Meghalaya,India	25.5667N	91.8833E	1600	
Shillong	SHL	Meghalaya,India	25.5667N	91.8833E	1600	From 1953-01-01
Shimam	JSH	Hiyama,Japan	42.6430N	140.0448E	72	
Shimbara	SHV	Nagasaki,Japan	32.7706N	130.3631E	50	
Shimizu	SHM	Kochi,Japan	32.7750N	132.9580E	2	
Shimob	JYN	Yamanashi,Japan	35.4977N	138.5443E	775	
Shimobe	SBJ	Yamanashi,Japan	35.4157N	138.4834E	202	
Shimogamo	SGMN	Shizuoka,Japan	34.6472N	138.8550E	49	
Shimoha	SMJ	Chiba,Japan	35.7934N	140.0238E	-2277	
Shimokamo	SMK	Shizuoka,Japan	34.6458N	138.8544E	20	
Shimokoshiki	JSJ	Kagoshima,Japan	31.6780N	129.7158E	240	
Shimonomoto	SMJD	Gifu,Japan	36.3941N	137.3864E	960	
Shimonoseki	SHNJ	Yamaguchi,Japan	33.9450N	130.9280E	18	From 1984-01-01
Shimonoseki 2	SHNJ	Yamaguchi,Japan	34.1250N	131.1080E	20	
Shimonoseki 3	SHN	Yamaguchi,Japan	33.9533N	130.9400E	46	
Shimotochinai	KO3	Iwate,Japan	39.3583N	141.5775E	289	
Shimoyama	SYJ	Aichi,Japan	35.0365N	137.3155E	303	
Shinagawa	SIN	Tokyo,Japan	35.6167N	139.7500E	-	
Shindian Village	TNSD	Taiwan region	24.5400N	120.9210E	210	From 2001-04-10
Shingle Point	SPY	Yukon Territory,Canada	68.9220N	137.2600W	35	From 1982-10-05
Shinhua	CHN3	Taiwan region	23.0760N	120.3650E	50	
Shinhuzimiza	SHZE	Nagano,Japan	36.3992N	138.5358E	2256	
Shinkiri	SIP	Pakistan	34.4667N	73.2992E	1448	
Shinpuuji	SPJN	Gifu,Japan	35.4537N	136.7930E	65	
Shinshu-shinm'i	SSJ	Nagano,Japan	36.5715N	138.0400E	580	From 1967-08-01 to 1973-03-31
Shiono misaki	SHJ	Wakayama,Japan	33.4483N	135.7630E	75	
Ship Mountains	SPM	California,U.S.A.	34.4720N	115.4030W	915	
Shira	SHRR	Krasnoyarskiy Kray,Russia	54.4987N	90.1687E	340	From 2001-03-23
Shirahama	SHRD	Kagoshima,Japan	31.6100N	130.6750E	160	
Shirakawa	SRJD	Gifu,Japan	35.5777N	136.4160E	380	
Shirakawa	SHR	Fukushima,Japan	37.1290N	140.2192E	355	
Shirakawa 2	SHRJ	Fukushima,Japan	37.0767N	140.2330E	395	From 1990-04-24
Shiraki	SHK	Hiroshima,Japan	34.5322N	132.6780E	285	From 1965-07-21
Shirataka	JYS	Yamagata,Japan	38.2210N	140.0655E	300	
Shiriuchi	JSR	Hiyama,Japan	41.5295N	140.4178E	55	
Shiroyama	SRY	Kanagawa,Japan	35.6083N	139.2740E	254	From 1967-06-01
Shirttail Gulch	BSGM	California,U.S.A.	36.4138N	121.2540W	192	From 1969-06-18
Shirttail Gulch	SHG	California,U.S.A.	36.4138N	121.2540W	192	From 1969-06-18
Shirvan	ISHV	Iran	37.5342N	57.6950E	1925	From 1997-03-01
Shishaldin North	SSLN	Alaska,U.S.A.	54.8118N	163.9959W	637	
Shishaldin South	SSLS	Alaska,U.S.A.	54.7120N	163.9988W	817	
Shishaldin West	SSLW	Alaska,U.S.A.	54.7718N	164.1214W	628	
Shiura	JSI	Aomori,Japan	41.0547N	140.3967E	40	
Shiura 2	JSI2	Aomori,Japan	41.0575N	140.4112E	60	
Shiveluch	SVLR	Kamchatskaya Oblast',Russia	56.5769N	161.2200E	840	
Shivta	SVTA	Israel	30.9300N	34.6200E	370	
Shizugawa	SZG	Kyoto,Japan	34.8882N	135.8319E	70	
Shizuoka	SHZ	Shizuoka,Japan	34.9733N	138.4070E	14	
Shizuoka 2	SHZJ	Shizuoka,Japan	35.0278N	138.4227E	40	From 1989-03-25 to 1993-03-24
Shizuoka 3	SHZ3	Shizuoka,Japan	35.0658N	138.2100E	710	From 1993-03-29
Shkodra	SDA	Albania	42.0519N	19.4986E	10	
Shoal	SZ	Nevada,U.S.A.	39.2036N	118.3800W	1606	From 1963-01-05 to 1963-02-02
Shoal	SZ-NV	Nevada,U.S.A.	39.2036N	118.3800W	1606	From 1963-01-05 to 1963-02-02
Shoe Peg Valley	SPVI	Idaho,U.S.A.	44.5842N	116.7710W	1100	From 1991-09-01
Shonto	U17A	Arizona,U.S.A.	36.5996N	110.6624W	1976	From 2007-06-08
Shooshtar-Gavsavar	SHGR	Iran	32.1083N	48.8013E	150	From 2002-04-01
Short Canyon	WSCM	California,U.S.A.	35.7043N	117.8860W	881	
Short Mountain	SMTN	Tennessee,U.S.A.	36.3820N	83.1820W	768	
Shosan	JSS	Rumoi,Japan	44.3997N	141.8530E	110	
Shoshone	SHOC	California	35.9000N	116.2800W	451	From 2004-04-01
Shoshone Peak	SSP	Nevada,U.S.A.	36.9253N	116.2194W	2095	From 1973-10-10 to 2002-10-10
Shoshtar	ISHO	Iran	32.2891N	48.0223E	0	From 1998-01-01
Shoufeng Township	ESF	Taiwan region	23.8710N	121.5070E	28	From 1998-08-07
Shoushan	TWM1	Taiwan region	22.8233N	120.4226E	340	From 1977-03-28
Shoushan	TWM	Taiwan region	22.6417N	120.2510E	70	From 1972-09-09
Showa-Shinzan	SHOH	Iburi,Japan	42.5352N	140.8617E	192	
Shushi	SUSK	Armenia	39.7650N	46.7530E	1250	From 1998-01-01
Shushtar	SHGO	Iran	32.1083N	48.8013E	50	From 2004-06-01
Shuyak Island	SYI	Alaska,U.S.A.	58.6100N	152.3910W	149	From 1990-08-27
Shuyak Island	SHU	Alaska,U.S.A.	58.6281N	152.3490W	34	From 1974-01-01
Shwairf	LSHF	Libya	29.9868N	14.2477E	429	
Sibayak Dolok	SIBI	Sumatera,Indonesia	3.2408N	98.5044E	2050	From 1991-10-01
Sibenik	SEB	Croatia	43.7333N	15.9000E	-	
Sibinal	SBG	Guatemala	15.1320N	92.0535W	2860	From 1986-03-01
Sibiu	SIBR	Romania	45.8099N	24.1758E	463	From 2007-11-07
Sibolga	SBSI	Sumatera	1.5500N	98.8900E	147	From 2005-01-01
Sibu	SBUM	Sarawak,Malaysia	2.4500N	112.2200E	30	From 2003-11-01
Sibulan	SNPH	Mindanao,Philippines	9.3430N	123.2360E	520	
Sicasica	SCS	Bolivia	17.2847S	67.8153W	3900	
Scignano	SGO	Italy	40.5604N	15.3074E	651	
Sida	SID	Iceland	63.7858N	18.0583W	26	
Sidewinder Mine	SDW	California,U.S.A.	34.6092N	117.0740W	1184	From 1975-02-01
Sidi-Bou-Said	SBS	Tunisia	36.8700N	10.3500E	125	
Sidi Gnaou	SGNT	Tunisia	33.6608N	9.8702E	90	
Sidi Yaiche	SYA	Tunisia	34.7418N	8.8070E	550	
Sidney	PGC	British Columbia,Canada	48.6500N	123.4510W	5	From 1978-03-18
Sidney Island	SILB	British Columbia,Canada	48.6020N	123.2815W	76	
Sidrap Palu	SPSI	Sulawesi	3.9646S	119.7691E	0	From 2007-12-01
Siegrist	RDS	Alaska,U.S.A.	64.8265N	148.1450W	510	From 1977-06-01
Siena	SIE	Italy	43.3200N	11.3122E	349	
Sierra Blanca Array Site 1	SB1	Texas,U.S.A.	31.2100N	105.4378W	1570	
Sierra Blanca Array Site 2	SB2	Texas,U.S.A.	31.2117N	105.2900W	1379	
Sierra Blanca Array Site 3	SB3	Texas,U.S.A.	31.0983N	105.2983W	1384	
Sierra Cabrera	ASCB	Spain	37.0393N	2.0057W	0	
Sierra de Lijar	ELIJ	Spain	36.9178N	5.3808W	870	
Sierra Elvira	SELV	Spain	37.2383N	3.7277W	650	
Sierra Elvira	ELVI	Spain	37.2505N	3.7023W	860	
Sierra La Laguna	SLBS	Baja California,Mexico	23.6305N	109.8645W	542	
Sierra Loja	ELOJ	Spain	37.1477N	4.1526W	998	From 1993-11-29
Sierra Morrones	ASMO	Spain	37.3580N	3.7430W	1170	
Sierra Prieta	DR14	Dominican Republic	18.6447N	70.0078W	0	
Sierra Ventana	VBA	Buenos Aires,Argentina	38.0539S	61.9756W	495	
Sierre	SIERE	Switzerland	46.3853N	7.4734E	2910	From 1974-09-10
Siete Picos	DR15	Dominican Republic	18.7503N	70.1773W	800	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Siglufjorour	ISIG	Iceland	66.1320N	18.9150W	10	From 1993-10-26
Sigmaringen-Wittberg	SGW	Baden-Wurtemberg,Germany	48.1068N	9.2150E	700	From 1994-01-01
Signal de Mont	SMF	Bourgogne,France	46.6453N	3.8411E	459	From 1976-05-01
Signal Hill	SIH	Trinidad and Tobago	11.1722N	60.7708W	80	
Signy Island	SGY	South Orkney Islands,Antarctica	60.7101S	45.5976W	30	From 1974-02-01
SIQHI	SIGR	Greece	39.2114N	25.8553E	83	From 2007-12-19
Sikhi	SKK	Sakhalinskaya Oblast',Russia	49.2333N	143.1170E	2	
Sile	SILT	Turkey	41.1530N	29.6430E	100	From 2002-01-01
Silfke	SLF	Turkey	36.2386N	33.6852E	120	From 1995-04-06
Silivri	SLVT	Turkey	41.2300N	28.2100E	180	From 2002-01-01
Silva Ranch	BSLM	California,U.S.A.	36.7755N	121.3490W	155	From 1975-07-16
Silver Beach Elementary School	SBES	Washington,U.S.A.	48.7683N	122.4150W		
Silver City	SVM	New Mexico,U.S.A.	32.7787N	108.2967W	1932	From 1977-12-01 to 1999-08-25
Silver City	SIY	Yukon Territory, Canada	61.0317N	138.4070W	785	From 1979-12-05 to 1980-03-27
Silver Creek	SVC	California,U.S.A.	37.2852N	121.7725W	128	From 1967-06-10
Silver Creek	CSCM	California,U.S.A.	37.2852N	121.7720W	128	From 1967-06-10
Silver Gate	SGM	Montana,U.S.A.	45.0075N	109.9890W	2285	From 1973-01-01 to 2004-03-05
Silver Peak	SIL	California,U.S.A.	34.3478N	116.8270W	1730	
Silver Peak Range	SVP	Nevada,U.S.A.	37.7148N	117.8013W	2621	
Silverton	SLR	Transvaal,South Africa	25.7350S	28.2817E	1348	From 1981-07-20
Silvia	SILC	Colombia	2.6880N	76.3397W	3150	From 1990-01-01
Simarbalatuk	SIMI	Sumatera,Indonesia	2.6889N	98.9469E	1681	
Simferopol'	SIM	Ukraine	44.9490N	34.1160E	275	
Simia	VSJ	Greece	38.8793N	23.2090E	448	From 1982-11-01
Simiane la Rotonde	SMRF	Provence-Cote d'Azur,France	43.9760N	5.5750E	654	
Simi Peak	SI2	California,U.S.A.	34.2039N	118.7990W	700	From 1973-06-01
Simla	SMLA	Himachal Pradesh,India	31.1283N	77.1667E		
Simla	SML	Himachal Pradesh,India	31.1000N	77.1833E		
Simmier	SMMC	California	35.3100N	120.0000W	599	From 2004-04-01
Simojovel	SMJM	Chiapas,Mexico	17.1340N	92.7150W		
Simon	SIMR	Nevada,U.S.A.	38.4750N	117.7675W	1899	
Simushir	SIU	Sakhalinskaya Oblast',Russia	46.8500N	151.7800E	15	
Sinaia	SNX	Romania	45.3553N	25.5155E	1470	From 1989-07-01
Sindeldorf	SIND	Baden-Wurtemberg,Germany	49.3488N	9.6057E	330	From 1988-01-01
Sindorf	BA05	Nordrhein-Westfalen	50.9175N	6.6637E	72	From 2006-10-01
Sinegor'e	SNGR	Magadanskaya Oblast'	62.0640N	150.4000E	300	From 2003-04-26
Singah	SINI	Jawa,Indonesia	7.0144S	107.5000E	1000	
Singapore	SING	Singapore	1.3050N	103.8500E		
Singaraja	SRBI	Bali	8.0848S	115.2127E	0	From 2007-12-01
Singen-Schiener Berg	SISB	Baden-Wurtemberg,Germany	47.6864N	8.9643E	490	From 2003-01-01
Sinj	SNJ	Croatia	43.7333N	16.6500E		
Sinn el Kaddab	ASKD	Egypt	23.6597N	32.3847E		
Sinonel	SLG	Guatemala	14.7078N	91.6355W	1220	From 1979-11-01 to 1987-12-31
Sintang	STKI	Kalimantan	0.0656N	111.4772E	88	From 2005-01-01
Sint Eustatius	STAT	Netherlands Antilles	17.4950N	62.9787W	50	
Sint Maarten	MRN	Netherlands Antilles	18.0120N	63.0600W	20	From 1976-10-01 to 1999-08-25
Sinyu	KV12	Kagoshima,Japan	31.8886N	130.8714E	890	
Sion	SIS	Switzerland	46.2667N	7.3667E	500	From 1932-01-01 to 1941-12-31
Sioux Lookout	SXO	Ontario,Canada	50.0917N	91.9983W	420	From 1982-09-27 to 1986-09-24
Sioux Lookout	SOO	Ontario,Canada	50.0762N	91.8880W	358	From 1987-06-07
Sioux Lookout	SOLO	Ontario,Canada	50.0213N	92.0812W	373	From 1988-10-24
Siparia	SIPA	Trinidad and Tobago	10.1429N	61.5060W	60	
Sipayare	SIPV	Venezuela	10.1827N	70.9322W	154	
Siquisique	SIQV	Venezuela	10.6490N	69.8080W	440	From 2002-05-30
Siracusa	HSRS	Sicily,Italy	37.0930N	15.2220E	100	From 1994-05-01
Siria	SIR	Venezuela	10.5092N	66.5092W	1050	From 1974-01-01
Siria	SIRR	Romania	46.2675N	21.6597E	480	
Sirnak	SIRT	Turkey	37.5011N	42.4392E	1038	From 2005-06-22
Sirt	LSRT	Libya	31.0812N	16.6582E	95	
Sisak	SISC	Croatia	45.4710N	16.3720E	100	
Sisters	GRSS	Grenada	12.2985N	61.6123W	20	
Sitia Lasithi	STIA	Crete	35.2020N	26.0909E	89	From 2006-12-01
Sitka	SIT	Alaska,U.S.A.	57.0567N	135.3262W	25	From 1940-01-01
Sitkalidak Island	SKD	Alaska,U.S.A.	57.1642N	153.0800W	135	From 1977-08-11
Sitkinak Island	SII	Alaska,U.S.A.	56.5600N	154.1820W	500	From 1975-10-01
Sivas	SIVA	Crete,Greece	35.0175N	24.8100E	95	
Sivas	SVST	Turkey	39.7722N	36.9528E	1640	From 1992-01-01
Sivrice-ELAZID	SVRC	Turkey	38.3784N	39.3063E	1680	From 2007-04-27
Sivrigoyuk	SGKT	Turkey	40.5733N	32.0561E	1890	From 1992-01-01
Sivrihisar-ESKISEHIR	SVRH	Turkey	39.4469N	31.5230E	1000	From 2007-12-27
Six Diamond Ranch, Ranyesford	D17A	Montana,U.S.A.	47.1523N	110.6873W	1535	From 2007-10-13
Sixes	K01A	Oregon,U.S.A.	42.8088N	124.4692W	175	From 2005-12-20 to 2007-11-30
Sixmile	SXM	Montana,U.S.A.	46.1492N	111.2080W	1993	
Sixmile Butte	SMBI	Idaho,U.S.A.	43.5022N	113.2680W	1736	From 1992-01-01
Six Mile Mountain	SMMS	South Carolina,U.S.A.	34.8325N	82.8042W	468	
Sixt	OGSI	Rhone-Alpes,France	46.0665N	6.7540E	750	
Sixty Eight Flow	SELF	Costa Rica	10.4712N	84.7322W	500	
Siya@ 14za @ 14n	SIZA	Azerbaijan	41.0760N	48.8990E	984	From 2003-08-01
Sjenica	SJES	Serbia	43.2685N	19.9417E	1050	From 2006-01-01
Sjulsmark	SJUU	Sweden	65.5080N	21.6055E	100	From 2000-08-30
Skadanscina	SKDS	Slovenia	45.5464N	14.0143E	552	From 2006-04-12
Skaggs Springs	GSSM	California,U.S.A.	38.7020N	123.0130W	282	From 1975-01-22
Skaggs Springs	SKG	California,U.S.A.	38.7020N	123.0130W	282	From 1975-01-22
Skagit Valley Community College ANSS SMO	SVOH	Washington	48.2892N	122.6332W	22	From 2001-09-14
Skagway	SKAG	Alaska,U.S.A.	59.4601N	135.3290W	174	
Skagway School	SKGA	Alaska,U.S.A.	59.4650N	135.3098W	0	
Skalna	SKC	Czech Republic	50.1698N	12.3611E	455	From 1994-04-19
Skalnate-Pleso	SPC	Slovakia	49.1889N	20.2450E	1772	
Skalstugan	SKA	Sweden	63.5800N	12.2800E	580	
Skaneateles	SKN	New York,U.S.A.	42.9915N	76.4672W	226	From 1974-11-01 to 1975-12-31
Skazka	SKZ	Severo-Osetinskaya,Russia	61.4833N	72.5500E	91	
Skiathos	SKIA	Greece	39.1665N	23.4661E	325	From 2008-06-25
Skidegate	SKB	British Columbia,Canada	53.2478N	131.9960W	10	From 1982-08-23
Ski Hill Lift	SKLY	New York,U.S.A.	43.9603N	74.1753W		From 1983-10-01 to 1986-10-31
Skikda	SKDA	Algeria	36.7850N	6.8539E	0	
Skilak	SKL	Alaska,U.S.A.	60.5143N	150.2150W	660	From 1971-09-09 to 1984-12-31
Skilak Lake	SLKM	Alaska,U.S.A.	60.5078N	150.2210W	655	From 1984-08-11
Skiros Island	SKY	Greece	38.8778N	24.5500E	260	From 1997-01-01
Skopelos	VSK	Greece	39.1106N	23.6934E	374	From 1982-10-01
Skopje	SKO	Former Yugoslav Rep. of Macedonia	41.9721N	21.4396E	346	From 1957-01-01
Skordalos	SKOR	Crete,Greece	35.4120N	23.9280E	306	
Skrokkalda	ISKR	Iceland	64.5600N	18.3860W	858	From 1996-10-02
Skvira	NE55	Ukraine	49.7160N	29.6560E	235	
Skwentna	SKT	Alaska,U.S.A.	61.9803N	151.5300W	564	
Slait	SLAT	Sudan	15.8520N	32.6840E	414	From 2003-11-01
Slandsville	SVS	South Carolina,U.S.A.	32.9683N	80.2482W	3	From 1976-03-31
Slate Mountain	STM	Nevada,U.S.A.	39.1140N	118.2000W	2020	From 1972-01-13 to 1975-07-31
Slate Mountain	ASMM	California,U.S.A.	38.8233N	120.6830W	1214	
Sleeping Mountain	SMN	Nevada,U.S.A.	37.1433N	116.7670W	1341	From 1971-01-01 to 1973-12-31
Sleepy Eye	SE-MN	Minnesota,U.S.A.	44.4142N	94.6653W	244	From 1962-01-24 to 1963-06-19
Sleepy Eye	SE-	Minnesota,U.S.A.	44.4142N	94.6653W	244	From 1962-01-24 to 1963-06-19
Slenfeh	SLNF	Syria	35.5954N	36.2228E	1520	From 1994-12-01
Slick	SIO	Oklahoma,U.S.A.	35.7463N	96.3071W	323	From 1978-07-12
Slide Mountain	KSMM	California,U.S.A.	40.1858N	124.1750W	991	
Slough House Road	ASRM	California,U.S.A.	38.4977N	121.2048W	52	
S. M. di Licodia	ESML	Sicily,Italy	37.6180N	14.8770E	360	From 1989-04-01
Smeltzer Mountain	SMSC	South Carolina,U.S.A.	34.9308N	82.9710W	498	From 1977-04-19
Smimou	SOIM	Morocco	31.1690N	9.6170W	900	
Smir	SMRM	Morocco	35.6850N	5.3870W	50	
Smithers	SI-BC	British Columbia,Canada	54.7883N	127.0714W	579	From 1965-10-25 to 1966-10-14
Smithers	SI-	British Columbia,Canada	54.7883N	127.0714W	579	From 1965-10-25 to 1966-10-14
Smith Mountain	PSMM	California,U.S.A.	36.0697N	120.5950W	988	From 1975-09-24
Smolence	SMOL	Slovakia	48.5139N	17.4287E	400	From 1987-01-01
Smyrna	SYR	Washington,U.S.A.	46.8630N	119.6180W	268	From 1969-03-01
Snabyli	ISNB	Iceland	63.7360N	18.6310W	245	From 1993-02-10
Snake Ranch	SFR	New Mexico,U.S.A.	34.2033N	107.0900W	1768	From 1969-01-01 to 1969-06-30
Snap Lake	SNPN	Northwest Territories,Canada	63.5178N	110.9077W	458	
Snartemo	SNART	Norway	58.3387N	7.2097E	160	From 2003-09-01
Snively Ranch	SNIWA	Washington,U.S.A.	46.4642N	119.6600W	312	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Snort	SRTC	California,U.S.A.	35.6918N	117.7490W	698	
Snowbank Mountain	SBID	Idaho,U.S.A.	44.4240N	116.3140W	2520	
Snow Cap Mountain	KSCM	Oregon,U.S.A.	42.3440N	124.1650W	1280	
Snow College	SNO	Utah,U.S.A.	39.3143N	111.5380W	2446	
Snowflake	X18A	Arizona,U.S.A.	34.5293N	109.9501W	1751	From 2007-04-12
Snowflake	SF-AZ	Arizona,U.S.A.	34.4386N	110.5144W	1981	From 1961-12-03 to 1962-05-03
Snowflake	SF-	Arizona,U.S.A.	34.4386N	110.5144W	1981	From 1961-12-03 to 1962-05-03
Snow King Mountain	SNOW	Wyoming,U.S.A.	43.4625N	110.7550W	2390	From 1986-01-01
Snowmass	SNCO	Colorado,U.S.A.	39.1776N	106.9739W	3435	
Snow Mountain	G3NM	California,U.S.A.	38.9405N	123.1920W	870	From 1975-06-20
Soap Creek Ranch, Albany	H03A	Oregon,U.S.A.	44.6765N	123.2923W	214	From 2005-11-10 to 2008-01-24
Soboth	SOKA	Austria	46.6780N	15.0327E	1008	From 2007-05-01
Sobradinho	SOB4	Bahia,Brazil	9.3425S	41.4842W	440	From 1979-10-01
Sobradinho	SOB	Bahia,Brazil	9.2888S	41.1694W	416	From 1978-09-27
Sobradinho	SOB1	Bahia,Brazil	9.2089S	40.8947W	424	From 1980-04-01
Sobradinho	SOB2	Bahia,Brazil	9.5684S	40.9611W	490	
Sobradinho	SOB3	Bahia,Brazil	9.7708S	41.2639W	434	From 1979-10-01
Soche	SOCH	Ecuador	0.6490N	77.4923W	2650	From 1994-07-01
Sochi	SOC	Krasnodarskiy Kray,Russia	43.5833N	39.7167E	192	
Socops	SOCV	Venezuela	8.2840N	70.8560W	335	From 2002-08-15
Socorro	SRM	New Mexico,U.S.A.	34.3419N	106.8990W	1522	From 1969-06-25 to 1970-06-30
Socorro	Y22A	New Mexico,U.S.A.	33.9370N	106.9652W	1674	From 2008-04-09
Socorro	VAO3	Sao Paulo,Brazil	22.5770S	46.4400W	1370	
Socorro	SNM	New Mexico,U.S.A.	34.0702N	106.9440W	1511	From 1962-07-01
Socrates Mine	GSMM	California,U.S.A.	38.7692N	122.7810W	1017	From 1975-07-18
Soda Butte	YPSB	Wyoming,U.S.A.	44.8840N	110.1510W	2072	
Sodankyla	SDF	Finland	67.4203N	26.3936E	277	From 1984-12-19 to 2000-06-15
Sodankyla@14	SOD	Finland	67.3712N	26.6291E	181	From 1987-07-28 to 1992-01-13
Sodankyla@14	SGF	Finland	67.4421N	26.5261E	180	
Soda Springs	SOS	California,U.S.A.	37.1695N	121.9310W	946	
Soda Springs	JSSM	California,U.S.A.	37.1695N	121.9310W	946	
Soda Springs	K16A	Idaho,U.S.A.	42.8321N	111.5884W	1885	From 2007-07-22
Soda Springs	SONY	New York,U.S.A.	43.1922N	76.9647W	122	
Soengei Langka	SLS	Sumatra,Indonesia	5.4000S	105.2170E	240	
Sofiya	SOF	Bulgaria	42.6853N	23.3342E	540	
sogukcermik	SCER	Turkey	39.8613N	37.1286E	1428	From 2008-06-26
Sohna	SONA	Delhi,India	28.2500N	77.0833E		
So. Illinois U.	EDIL	Illinois,U.S.A.	38.7838N	89.9878W	183	
Sokcho	KSSOC	South Korea	38.2422N	128.5669E	17	From 2000-01-29 to 2004-12-22
Sokcho	KSSKC	South Korea	38.2899N	128.5219E	56	From 2004-12-24
Sokhos	SOH	Greece	40.8217N	23.3539E	670	From 1981-01-01
Solana Beach	SLBC	California,U.S.A.	33.0010N	117.2690W	38	From 1981-01-01 to 1985-07-31
Solania	AR4	Costa Rica	10.3583N	84.9928W	600	
Soldier Meadows	M07A	Nevada,U.S.A.	41.3884N	119.1711W	1400	From 2006-02-17 to 2008-04-15
Soldier's Delight Natural Environment Area	SDMD	Maryland,U.S.A.	39.4102N	76.8403W	212	
Soledad Mission	BSMM	California,U.S.A.	36.3833N	121.4280W	939	
Solikamsk	SOKR	Severo-Osetinskaya,Russia	59.5692N	56.7919E	-85	
Solleftea	SOLU	Sweden	63.2470N	17.2580E	100	From 2000-04-28
Solontsovaya	SOL	Irkutskaya Oblast',Russia	54.1000N	108.3000E		
Solunto	SOLUN	Sicily,Italy	38.0920N	13.5330E	190	From 2004-05-12
Solvholt	ISOL	Iceland	63.9290N	20.9440W	30	From 1990-02-20
Sombrero	SWIP	Anguilla	18.5980N	63.4263W	15	
Sombrero	SOM	Magallanes,Chile	52.7808S	69.2422W	73	From 1964-12-22
Somerset	SMC	Colorado,U.S.A.	38.9333N	107.4580W	1905	From 1969-07-01
Somerset East	SOE	Cape Province,South Africa	32.7117S	25.5617E	820	
Somma	SMAR	Kamchatskaya Oblast',Russia	53.2631N	158.8011E	1950	
Somoto	SOMN	Nicaragua	13.4203N	86.6138W	1200	
Somplago	SMP	Italy	46.3400N	13.0583E		
Sondre	SFJ	Greenland	66.9967N	50.6152W	365	
Sonepat	SNP	Uttar Pradesh,India	28.9833N	77.0000E	220	
Songino Array Beam Reference Point	SONM	Mongolia	47.8347N	106.3950E	1415	
Songino Array Site A0	SONA0	Mongolia	47.8347N	106.3950E	1415	
Songino Array Site A1	SONA1	Mongolia	47.8468N	106.4032E	1511	
Songino Array Site A2	SONA2	Mongolia	47.8507N	106.3986E	1508	
Songino Array Site A3	SONA3	Mongolia	47.8484N	106.4098E	1563	
Songino Array Site A4	SONA4	Mongolia	47.8400N	106.4043E	1461	
Songino Array Site B1	SONB1	Mongolia	47.8630N	106.4039E	1603	
Songino Array Site B3	SONB3	Mongolia	47.8341N	106.4147E	1537	
Songino Array Site B4	SONB4	Mongolia	47.8339N	106.3604E	1402	
Songino Array Site B5	SONB5	Mongolia	47.8539N	106.3694E	1417	
Songino Ar. Site	SONB2	Mongolia	47.8487N	106.4231E	1582	
Songkhla	SNG	Thailand	7.1770N	100.6170E	4	From 1965-10-01
Songo	SONG	Mozambique	15.6033S	32.7783E	900	From 1985-11-01 to 2003-08-15
Son La	SLVN	Vietnam	21.3338N	103.9050E	700	
Sonneberg	SON	Thuringen,Germany	50.3782N	11.1925E	634	
Sonora	SOKY	Kentucky,U.S.A.	37.5260N	85.9650W	204	From 1985-01-01
Sonora Basin	SBCZ	South Island,New Zealand	45.0922S	169.3111E	801	From 1986-12-01 to 1996-04-30
Sonoran Desert, Stanfield	115A	Arizona,U.S.A.	32.7006N	112.2279W	606	From 2006-03-21
Sonsec Array BB	ESBB	Spain	39.6755N	3.9617W	724	
Sonsec Array Beam Reference Point	ESDC	Spain	39.6743N	3.9631W	753	
SONSECA Array Site 01	ES01	Spain	39.6703N	3.9475W	743	
SONSECA Array Site 02	ES02	Spain	39.6771N	3.9355W	734	
SONSECA Array Site 03	ES03	Spain	39.6663N	3.9334W	732	
SONSECA Array Site 04	ES04	Spain	39.6557N	3.9423W	740	
SONSECA Array Site 05	ES05	Spain	39.6624N	3.9590W	763	
SONSECA Array Site 06	ES06	Spain	39.6757N	3.9521W	745	
SONSECA Array Site 07	ES07	Spain	39.6873N	3.9519W	734	
SONSECA Array Site 08	ES08	Spain	39.6923N	3.9251W	721	
SONSECA Array Site 09	ES09	Spain	39.6781N	3.8996W	753	
SONSECA Array Site 10	ES10	Spain	39.6580N	3.9026W	758	
SONSECA Array Site 11	ES11	Spain	39.6487N	3.9200W	758	
SONSECA Array Site 12	ES12	Spain	39.6387N	3.9429W	761	
SONSECA Array Site 13	ES13	Spain	39.6501N	3.9660W	762	
SONSECA Array Site 14	ES14	Spain	39.6518N	3.9885W	779	
SONSECA Array Site 15	ES15	Spain	39.6642N	4.0004W	776	
SONSECA Array Site 16	ES16	Spain	39.6868N	3.9943W	775	
SONSECA Array Site 17	ES17	Spain	39.7004N	3.9728W	766	
SONSECA Array Site 18	ES18	Spain	39.7102N	3.9493W	750	
SONSECA Array Site 19	ES19	Spain	39.7006N	3.8991W	720	
Sonsec Array Site A	ESLA	Spain	39.6743N	3.9631W	752	From 1989-07-31
Sonsec Array Site B	ESLB	Spain	39.8415N	4.0172W	612	From 1991-06-01
Sonsec Array Site C	ESLC	Spain	39.7950N	3.8133W	687	
Sonsec Array Site D	ESLD	Spain	39.6099N	3.7843W	807	From 1991-06-01
Sonsec Array Site E	ESLE	Spain	39.5072N	3.9734W	801	From 1991-06-01
Sonsec Array Site F	ESLF	Spain	39.5957N	4.1701W	911	From 1991-06-01
Sonsec Array Site G	ESLG	Spain	39.7446N	4.1950W	830	From 1991-06-01
Sooke	SOKB	British Columbia,Canada	48.3947N	123.6731W	45	From 2008-03-17
Sopron	SOP	Hungary	47.6833N	16.5583E	260	
Sorel	SO	Quebec,Canada	45.7550N	72.2550W	152	From 1962-07-06 to 1962-07-17
Sorel	SO-QB	Quebec,Canada	45.7550N	72.2550W	152	From 1962-07-06 to 1962-07-17
Sornfelli, Faroe Islands	SOFL	Faeroe Islands	62.0689N	6.9658W	721	From 2007-11-01
Soroca	SOR	Cuba	22.7917N	83.0078W	206	
Soroca	SORM	Moldova	48.1349N	28.3513E	98	From 2007-09-28
Sorokina	SRKR	Kamchatskaya Oblast'	56.6540N	161.1680E	849	From 2005-09-19
Sorong	SIJI	Irian Jaya,Indonesia	0.9000S	131.3000E		
Sorong	SWI	Irian Jaya,Indonesia	0.8630S	131.2598E	0	
Sort	CSOR	Spain	42.3756N	1.1339E	1227	
Sortino	SSY	Sicily,Italy	37.1539N	15.0719E	540	
Sospel	SBF	Provence-Cote d'Azur,France	43.8631N	7.4352E	847	From 1985-06-01
Sotra	SOTS	Norway	60.3500N	5.1100E	30	From 2002-01-01
Souberoché	SOU	Rhone-Alpes,France	44.6614N	5.6903E	960	
Soufriere	PSDMA	Dominica	15.2350N	61.3570W	60	
Soufriere Village	DSVT	Dominica	15.2290N	61.3700W	5	
Soufriere Volcano	SVV	St Vincent,Saint Vincent and the Grenadines	13.3180N	61.2160W	243	From 1978-09-24
Souni-Zanaja	SZAC	Cyprus	34.7560N	32.8830E	512	
Source of Smith Creek	SOSW	Washington,U.S.A.	46.2440N	122.1370W	1270	
Sourdough	SDG	Alaska,U.S.A.	62.5270N	145.5430W	625	From 1986-01-01
Sourhope Farm	XSO	Scotland,United Kingdom	55.4925N	2.2511W	495	From 1983-10-19
South Baldy	SBM	New Mexico,U.S.A.	33.9752N	107.1810W	3230	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
South Base Booster	BOOC	California,U.S.A.	34.8680N	117.9103W	704	
South Creake	SCK	England,United Kingdom	52.8797N	0.7506E	61	
South Dennis	COD	Massachusetts,U.S.A.	41.6858N	70.1350W	-85	
South Entrance	YPSE	Wyoming,U.S.A.	44.1363N	110.6667W	2073	
Southern Antelope Island	SAIU	Utah,U.S.A.	40.8548N	112.1810W	1384	From 1990-05-10
Southern Antelope Island	AIUT	Utah,U.S.A.	40.8558N	112.1750W	1334	From 1983-04-01 to 1990-05-09
Southern Illinois University	SIUC	Illinois,U.S.A.	37.7149N	89.2176W	137	From 1984-01-01
Southern Oregon University DOGAMI SMO	SQUA	Oregon	42.1836N	122.6963W	634	From 2005-04-28
South Grapevine Mountains	SGV	California,U.S.A.	36.9806N	117.0327W	1571	From 1978-11-28 to 2002-10-10
South Ingalls	SIG	Colorado,U.S.A.	39.6878N	105.0650W		
South Kanaga	AD6	Alaska,U.S.A.	51.7083N	177.2420W	137	From 1974-01-01 to 1992-02-01
South Karori	SNZO	North Island,New Zealand	41.3103S	174.7050E	-10	From 1975-12-01
South Lassen	LSLM	California,U.S.A.	40.4337N	121.5360W	1060	From 1976-11-12
South Mountain	SMWV	Washington,U.S.A.	47.3195N	123.3420W	840	From 1975-03-24
South Mountain	SMNC	North Carolina,U.S.A.	35.5835N	81.6360W	722	
South Pole	SPT	Hawaii,U.S.A.	18.9823N	155.6707W	250	From 1971-03-10
South Pole Quiet Zone Earth Science Obs.	QSPA	Antarctica:Land,Antarctica	89.9954S	115.0000E	2927	From 1957-01-01 to 2005-03-26
South Promontory Point	SPUT	Utah,U.S.A.	41.3086N	112.4492W	1634	
South Ridge	HSR	Washington,U.S.A.	46.1728N	122.1830W	1774	
South Ridge	SGE	Fiji	17.5892S	177.9230E	1021	
South Tanaga	AT2	Alaska,U.S.A.	51.6633N	177.9300W	99	From 1975-01-01 to 1976-10-31
South Tanaga	AK2	Alaska,U.S.A.	51.6633N	177.9300W	99	From 1976-10-01 to 1992-02-01
Southwest Bay	SWB	Vanuatu	16.5087S	167.4200E		
Southwest Flank Mount Saint Helens	SWFL	Washington	46.1887N	122.2020W	2268	From 2006-10-10
Southwest Rift	SWH	Hawaii,U.S.A.	19.4543N	155.6050W	4048	
South Whidbey SD ANSS-SMO	SWID	Washington	48.0084N	122.4129W	62	From 2001-07-23
Soyas	JSE	Soya,Japan	44.9588N	142.5842E	10	
Spaichingen-Kochelsberg	SPAK	Baden-Wuerttemberg,Germany	48.1023N	9.7858E	990	From 1997-01-01
Spangler Hills	WSHM	California,U.S.A.	35.6327N	117.4920W	780	
Sparrevohn	SVW2	Alaska,U.S.A.	61.0973N	155.5809W	498	
Sparrevohn	SVW	Alaska,U.S.A.	61.1082N	155.6220W	762	From 1967-08-01 to 2004-10-14
Sparta	SR-OR	Oregon,U.S.A.	44.9403N	117.4278W	1341	From 1963-03-19 to 1963-06-03
Sparta	SR-	Oregon,U.S.A.	44.9403N	117.4278W	1341	From 1963-03-19 to 1963-06-03
Spence Gulch, Sunbeam	N20A	Colorado,U.S.A.	40.8338N	108.2626W	2192	From 2007-11-13
Spence Mountain	VSP	Oregon,U.S.A.	42.3417N	121.9500W	1539	
Speyside	TOSP	Trinidad and Tobago	11.2984N	60.5353W	10	From 2007-05-09
Spilker Farm, Colbert	C10A	Washington,U.S.A.	47.8192N	117.3077W	684	From 2006-09-06 to 2008-06-11
Spine 5 MSH Spider	SPN5	Washington	46.1947N	122.1884W	2263	From 2007-06-18
Spinoso	SPIE	Italy	40.2271N	15.9887E	1200	
Spiridon Lake	SPL	Alaska,U.S.A.	57.7592N	153.7710W	600	From 1975-10-01
Spitak	SPIZ	Armenia	40.8250N	44.2700E	1590	
Spitsbergen Array Beam Reference Point	SPITS	Svalbard,Norway	78.1777N	16.3700E	323	
Spitsbergen Array Site A0	SPA0	Svalbard,Norway	78.1777N	16.3700E	323	From 1992-11-01
Spitsbergen Array Site A1	SPA1	Svalbard,Norway	78.1797N	16.3755E	320	
Spitsbergen Array Site A2	SPA2	Svalbard,Norway	78.1759N	16.3766E	250	
Spitsbergen Array Site A3	SPA3	Svalbard,Norway	78.1773N	16.3588E	339	
Spitsbergen Array Site B1	SPB1	Svalbard,Norway	78.1796N	16.3906E	301	
Spitsbergen Array Site B2	SPB2	Svalbard,Norway	78.1742N	16.3846E	200	From 1992-11-01
Spitsbergen Array Site B3	SPB3	Svalbard,Norway	78.1737N	16.3584E	234	
Spitsbergen Array Site B4	SPB4	Svalbard,Norway	78.1789N	16.3482E	340	
Spitsbergen Array Site B5	SPB5	Svalbard,Norway	78.1823N	16.3683E	295	
Split Crater	SPCI	Idaho,U.S.A.	43.4500N	112.6370W	1520	From 1992-01-01
Split Rock	SPRM	New South Wales,Australia	30.5748S	150.6877E	456	
Spokane	SPO	Washington,U.S.A.	47.7300N	117.3420W	713	From 1909-01-01 to 1969-12-31
Spokane Nat. Inst. Occ. Safety SMO	SMIO	Washington	47.6794N	117.4050W	584	
Spokane Schools, Ferris High School ANSS-SMO	SFER	Washington	47.6194N	117.3665W	715	From 2001-08-09
Spokane Temp K2 (Swanson)	SHLY	Washington	47.7084N	117.4160W	626	From 2001-11-18
Spotted Range	SPRG	Nevada,U.S.A.	36.6938N	115.8093W	1240	From 1979-05-28 to 2002-10-10
Springbok	SBO	Cape Province,South Africa	29.6698S	17.8789E	1055	From 1993-11-01 to 2004-05-01
Spring Butte	VSBM	Oregon,U.S.A.	43.5237N	121.3470W	1664	
Springerville	SV-AZ	Arizona,U.S.A.	34.1756N	109.1469W	2134	From 1961-11-25 to 1962-05-03
Springerville	SV-	Arizona,U.S.A.	34.1756N	109.1469W	2134	From 1961-11-25 to 1962-05-03
Springfield	SGN	Nebraska,U.S.A.	41.0658N	96.2188W	347	From 1979-11-06 to 1981-09-01
Springhill	SHIN	Indiana,U.S.A.	39.4278N	87.4083W	168	
Spring Hill	SHA	Alabama,U.S.A.	30.6944N	88.1428W	61	From 1910-12-01
Springville	O16A	Utah,U.S.A.	40.2067N	111.5024W	1789	From 2007-06-27
Spur Tree	SPJ	Jamaica	17.9959N	77.5596W	751	
Squaw Harbor	SQF	Alaska,U.S.A.	55.2200N	160.5620W	360	
Squaw Peak	SQU	Utah,U.S.A.	40.2817N	111.6110W	2353	From 1974-09-01 to 1980-07-31
Squaw Tit	TIT	California,U.S.A.	41.0733N	123.9800W	700	
Sredinnyy	SRDR	Kamchatskaya Oblast',Russia	56.3170N	159.7170E	800	
Sredniy Kalar	SRK	Chitinskaya Oblast',Russia	55.8700N	117.3800E	716	
Srinagar	SRNI	Jammu and Kashmir,India	34.1000N	74.8500E		
Srobarova	SRO	Slovakia	47.8133N	18.3133E	150	
SS1	SSX	Nevada,U.S.A.	37.2282N	116.2900W	2248	From 1965-01-01 to 1970-12-31
Sta Anna Valdieri	STV	Italy	44.2442N	7.3244E	985	From 1967-01-01
Standing Stone	SSPA	Pennsylvania,U.S.A.	40.6358N	77.8880W	158	From 1993-07-05
St-Andre-du-Lac-St-Jean	SAHQ	Quebec	48.3200N	71.9900W	296	From 1984-11-25
Stanford	SJFM	California,U.S.A.	37.4052N	122.1760W	143	From 1966-12-13
Stanford	LT4	California,U.S.A.	37.4052N	122.1760W	143	From 1966-12-13
Stanford	STAN	California,U.S.A.	37.4039N	122.1751W	125	From 1991-04-15 to 1994-06-30
Stanford Telescope	SFT	California,U.S.A.	37.4052N	122.1760W	143	From 1966-12-13
Stanga	SGAS	Sweden	57.3040N	18.4730E	43	From 1980-01-01 to 1991-12-31
Stanley	STID	Idaho,U.S.A.	44.1148N	114.8660W	1993	From 1992-12-01
Stansbury Island	SBU	Utah,U.S.A.	40.8218N	112.4670W	1317	From 1974-07-01 to 1976-10-31
Stansbury Island BLM, Grantsville	N15A	Utah,U.S.A.	40.8903N	112.5201W	1408	From 2007-02-18
Stansbury North	SNU	Utah,U.S.A.	40.9238N	112.5100W	1378	From 1978-05-01 to 1986-09-30
Stansbury North	SNUT	Utah,U.S.A.	40.8857N	112.5090W	1652	
Star City	STAR	Arkansas,U.S.A.	33.8920N	91.7780W	107	From 1981-02-08
Star Valley	STI	Idaho,U.S.A.	42.8022N	111.0508W	2149	From 1976-12-01 to 1979-09-30
State Center	SCIA	Iowa,U.S.A.	41.9069N	93.2153W	311	
State College	SCP1	Pennsylvania,U.S.A.	40.8099N	77.8694W	353	
State College	SCP	Pennsylvania,U.S.A.	40.7950N	77.8650W	352	From 1966-10-20
Statfjord A Platform	STF	Norway	61.2560N	1.8170E	-148	
Station 2	STX	Nevada,U.S.A.	37.1940N	116.1610W	1632	From 1964-01-01 to 1970-12-31
Statte	SAE	Italy	40.5619N	17.2061E		
Staufenbuehl	STAB	Baden-Wuerttemberg,Germany	48.2709N	9.0402E	898	From 2000-10-25
Staufen im Breisgau	STAU	Baden-Wuerttemberg,Germany	47.8693N	7.7329E	299	From 2001-01-04
St Austell	CSA1	England,United Kingdom	50.3527N	4.8919W	112	From 1981-01-01
Stavanger	STAV	Norway	58.9348N	5.7022E	28	
Stavros Akrotiri	AKRT	Crete	35.5896N	24.0840E	10	From 2006-06-01
St. Charles CC	SCMO	Illinois,U.S.A.	38.7618N	90.6413W	152	
St. Cloud Mine, Winston	Z21A	New Mexico,U.S.A.	33.3086N	107.6712W	1964	From 2008-02-22
St. Croix	CDVI	Virgin Islands	17.7518N	64.7661W	31	From 2005-02-01
Stead Airport, Stead	P06A	Nevada,U.S.A.	39.6785N	119.8983W	1368	From 2006-04-28 to 2008-03-04
Steamboat Mountain	STEW	Wyoming,U.S.A.	44.0497N	110.6967W	2316	From 1986-01-01 to 2007-08-07
Steam Cracks	STCH	Hawaii,U.S.A.	19.3883N	155.1280W	765	
Stebnicka Huta	STHS	Slovakia	49.4167N	21.2437E	534	From 2004-12-01
Ste Croix	LASF	Rhone-Alpes,France	44.0761N	3.8570E	520	
Stefanesti	STFR	Romania	44.5324N	26.2131E	122	From 2004-05-05
Steigen	STEI	Norway	67.9300N	15.2420E	21	From 2007-06-17
Stein am Rhein	STEIN	Switzerland	47.6697N	8.8690E	540	
Steinbach	STB	Nordrhein-Westfalen,Germany	50.5940N	6.8400E	270	From 1975-12-01
Steinbach	BA18	Nordrhein-Westfalen	50.5938N	6.8393E	262	From 2006-10-01
Ste Jean	SJPF	Aquitaine,France	43.1133N	1.2250W	450	From 1996-04-03
St-Elleuthere	SELO	Quebec	47.5000N	69.3600W	459	From 1984-08-28
Stellar Camp, Hudson Bay	STLN	Nunavut,Canada	67.3116N	92.9849W	204	From 2006-08-18
Ste Marie-Miines	SMM	Alsace,France	48.2158N	7.1583E		
Stent	MSTM	California,U.S.A.	37.9045N	120.4050W	366	From 1972-04-19
Stepanavan	STE	Armenia	41.0000N	44.3700E	1390	From 1951-01-01
Stephens Creek	STKA	New South Wales,Australia	31.8769S	141.5952E	272	From 1991-09-20
Stephens Creek	STK	New South Wales,Australia	31.8817S	141.5920E	213	From 1974-04-01 to 2006-05-29
Stephens Glacier	SGA	Alaska,U.S.A.	61.4207N	146.3950W	1326	From 1974-07-11 to 1976-01-28
Step ladder Mountains	STP	California,U.S.A.	34.5712N	114.8480W	628	From 1974-04-01 to 1976-10-31
Stepnoy Dvoretz	STDB	Buryatiya,Russia	52.1690N	106.3660E	458	From 1999-08-01
Sterling	SGU	Utah,U.S.A.	39.1823N	111.6447W	2357	From 1978-10-01
Sterling Forest	SFN	New York,U.S.A.	41.1962N	74.2612W	244	
Sterling Forest	SFO	New York,U.S.A.	41.1962N	74.2600W	300	From 1962-01-01 to 1975-08-31

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
St-Etienne Orgue	STOF	France	43.9980N	5.9090E	650	
St. Eustatius	SEUS	Caribbean Sea,Netherlands Antilles	17.4928N	62.9814W	46	From 2006-10-29
Stevens Creek	SEC	California,U.S.A.	37.2845N	122.1240W	357	From 1966-12-23
Stevens Creek	JSCM	California,U.S.A.	37.2845N	122.1240W	357	From 1966-12-23
Stevens Creek	LT1	California,U.S.A.	37.2845N	122.1240W	357	From 1966-12-23
Stewart Island	SIZ	Stewart Island,New Zealand	46.8750S	168.1330E	60	From 1990-12-12 to 2003-03-15
St-Georges	SGRQ	Quebec	46.1400N	70.5800W	330	From 1984-08-30
Stickney	SY-	South Dakota,U.S.A.	43.6056N	98.4917W	488	From 1962-10-12 to 1962-10-27
Stickney	SY-SD	South Dakota,U.S.A.	43.6056N	98.4917W	488	From 1962-10-12 to 1962-10-27
Stiles	STLY	New York,U.S.A.	41.1886N	74.0036W	125	
Stillwater	SWN	Nevada,U.S.A.	39.8830N	118.0623W	2298	
Stillwater	ST-NV	Nevada,U.S.A.	39.4381N	118.5800W	1219	From 1963-01-30 to 1963-03-29
Stillwater	STWA	New York,U.S.A.	42.9620N	73.6773W	103	
Stillwater	ST-	Nevada,U.S.A.	39.4381N	118.5800W	1219	From 1963-01-30 to 1963-03-29
Stillwater Mine	STMT	Montana,U.S.A.	45.3860N	109.8608W	1756	
Stimpson Lane	OSTM	California,U.S.A.	39.3688N	121.5970W	28	From 1975-08-05
Stip	STIP	Former Yugoslav Rep. of Macedonia	41.6943N	22.1862E	300	From 2005-08-01
Stithians	CST1	England,United Kingdom	50.1952N	5.1635W	141	From 1981-01-01
St. Johns	X19A	Arizona,U.S.A.	34.4275N	109.2901W	1861	From 2007-04-10
St Joseph	JSJM	California,U.S.A.	37.3338N	122.0910W	122	From 1966-12-23
St Joseph	LT2	California,U.S.A.	37.3338N	122.0910W	122	From 1966-12-23
St-Lucie-de-Beauregard	SLBQ	Quebec	46.7400N	70.0200W	412	From 1984-08-30
St. Maarten	SMRT	Caribbean Sea,Netherlands Antilles	18.0505N	63.0746W	260	From 2006-10-27
St. Maarten, Airport	STMA	Netherlands Antilles	18.0428N	63.1089W	28	From 2004-03-07
St-Nazaire-Desert	OG26	Rhone-Alpes,France	44.5783N	5.3022E	840	
Stockdale Mountain	PSTM	California,U.S.A.	35.9288N	120.5080W	573	
Stockdale Mountain	SMNB	California,U.S.A.	35.9730N	120.5799W	416	
Stoke	STNC	England	53.0913N	2.2062W	234	From 2007-04-24
Stokes Ranch, Hill City	J12A	Idaho,U.S.A.	43.2500N	115.0980W	1587	From 2006-12-08
Stokkvaagen	STOK	Norway	66.3330N	13.0177E	18	From 2003-09-01
Stolberg	BA02	Nordrhein-Westfalen	50.7722N	6.2157E	230	From 2006-10-01
Stollet	SLL	Sweden	60.4760N	13.3200E	390	
Ston	STON	Croatia	42.8716N	17.6999E	5	From 2003-10-13
Stone Canyon	SCYB	California,U.S.A.	36.0094N	120.5366W	695	
Stone Canyon	BSCM	California,U.S.A.	36.6330N	121.2340W	357	From 1976-10-06
Stone Canyon Observatory	STC	California,U.S.A.	36.6350N	121.2397W	267	From 1967-01-22 to 1976-10-06
Stone Canyon Reservoir	SCY	California,U.S.A.	34.1062N	118.4540W	287	From 1971-09-16
Stoneham	STOQ	Quebec	47.0188N	71.3795W	201	From 2007-11-02
Stone Ridge	PKNY	New York,U.S.A.	41.8742N	74.1714W	0	
Stone Ridge	SPNY	New York,U.S.A.	41.8756N	74.1492W	0	
Stone Ridge	PONY	New York,U.S.A.	41.8517N	74.1500W	0	
Stone Valley	CSVM	California,U.S.A.	37.8647N	122.0030W	238	
Stoney Creek	RD04	Ontario,Canada	43.1524N	79.6988W	168	
Stoneypath	ESY	Scotland,United Kingdom	55.9178N	2.6144W	328	From 1981-11-27
Stoney Pound	SSP1	Wales,United Kingdom	52.4177N	3.1119W	428	From 1990-01-01
Stony Hill	STH	Jamaica	18.0767N	76.8094W	418	From 1969-08-01
Stonyhurst	STO	England,United Kingdom	53.8500N	2.4667W	116	
Stony Point	SNPY	New York,U.S.A.	41.2663N	74.0040W	122	From 1975-06-17
Stony River	STY	Alaska,U.S.A.	61.1445N	154.2020W	1047	From 1972-07-24 to 1975-01-29
Storozhevoye	VRSR	Voronezhskaya Oblast',Russia	51.2150N	39.1900E	180	
Stover Farm, Hazelton	K13A	Idaho,U.S.A.	42.6493N	114.0840W	1222	From 2006-12-12
Stowe	DSTT	Dominica	15.2467N	61.3035W	120	
Stow on the Wold	SSW	England,United Kingdom	51.9667N	1.8499W	291	
St-Pascal	STPQ	Quebec	47.5300N	69.8000W	62	From 1979-09-19
St-Paul-en-Forêt	SPF	Provence-Cote d'Azur,France	43.5639N	6.6972E	337	
Strandline Lake	STLK	Alaska,U.S.A.	61.4987N	151.8330W	940	
Strasbourg	STR	Alsace,France	48.5845N	7.7658E	135	
Stratford	STZ	North Island,New Zealand	39.3500S	174.2830E	305	From 1934-01-01 to 1939-12-31
Strathalbyn	STR2	South Australia	35.2871S	138.8479E	155	From 2007-01-08
Strathgordon	STG	Tasmania,Australia	42.8483S	146.2070E	350	From 1972-07-01
Strazhica	SZH	Bulgaria	43.2667N	25.9333E	310	From 1988-01-01
Streeter	ST2	Texas,U.S.A.	30.7922N	99.4478W	579	
Streeter	ST1	Texas,U.S.A.	30.7522N	99.3556W	518	
Streeter	ST4TX	Texas,U.S.A.	31.1633N	100.0611W	640	From 1967-04-16 to 1967-05-16
Streeter	ST4	Texas,U.S.A.	31.1633N	100.0611W	640	From 1967-04-16 to 1967-05-16
Streeter	ST1TX	Texas,U.S.A.	30.7522N	99.3556W	518	
Streeter	ST2TX	Texas,U.S.A.	30.7922N	99.4478W	579	
Strehaia	SRE	Romania	44.6622N	23.2052E	335	From 1982-09-01
Stringfield Ranch, Weed	124A	New Mexico,U.S.A.	32.7001N	105.4544W	2078	From 2008-02-27
Striped Hills	SDH	Nevada,U.S.A.	36.6453N	116.3378W	1073	From 1978-07-24 to 2002-12-10
Striped Peak	STW	Washington,U.S.A.	48.1502N	123.6700W	308	From 1973-06-27
Strizhament	STRR	Stavropol'skiy Kray,Russia	44.7747N	42.0153E	820	
Stromstad	STRU	Sweden	59.0345N	11.1825E	50	From 2006-07-27
Stromboli 5	STR5	Sicily,Italy	38.7911N	15.2032E	632	From 2003-05-01
Stromboli-G	GIN	Italy	38.7897N	15.1908E	125	
Stronsay	OST	Orkney Islands,United Kingdom	59.0860N	2.5516W	15	From 1995-09-21
Str Punta Lena IE	ISPL	Sicily,Italy	38.7747N	15.2112E	160	From 1996-01-01
Struganik	STRS	Serbia,Serbia and Montenegro	44.2036N	20.1115E	0	
Studebaker Ridge	STD	Washington,U.S.A.	46.2378N	122.2230W	1268	
Stuetta	TUE	Switzerland,Italy	46.4722N	9.3472E	1955	
Stuttgart	STU	Baden-Wuerttemberg,Germany	48.7719N	9.1950E	360	From 1929-01-01
Stwlan	WST	Wales,United Kingdom	52.9750N	3.9889W	850	From 1986-01-01
Suanglung	SSLB	Taiwan region	23.7875N	120.9540E	450	
Suao	TWC	Taiwan region	24.6092N	121.8490E	20	From 1973-03-16
Suao Port	TWCP	Taiwan region	24.5970N	121.8570E	0	From 2001-04-10
Subarray A0 LASA	-AOMA	Montana,U.S.A.	46.6886N	106.2222W	897	
Subic Bay	SBP	Luzon,Philippines	14.8333N	120.2830E		
Suche	PT08	Peru	11.9600S	76.5490W	2880	From 1983-08-30
Suckling Hill	SUK	Alaska,U.S.A.	60.0737N	143.7770W	454	
Sucré	SUC	Bolivia	19.0467S	65.2644W	2850	
Sudak	SUDU	Ukraine	44.8900N	35.0000E	108	From 1998-10-01
Sudbury	SUO	Ontario,Canada	46.4027N	81.0068W	252	
Sudbury	SWXO	Ontario,Canada	46.5971N	81.2778W	337	
Sudbury	SUD	Ontario,Canada	46.4667N	80.9667W	267	From 1967-11-22
Sudbury	SWO	Ontario,Canada	46.7328N	80.9994W	372	
Sudbury	SZO	Ontario,Canada	46.4381N	81.4961W	312	From 1987-01-24
Sudbury Onaping	SUNO	Ontario,Canada	46.6438N	81.3442W	369	
Sudden Peak, Lompoc	SDP	California	34.5700N	120.5000W	631	From 2004-04-01 to 2006-08-15
Sud-Ghoubbet	SGH	Djibouti	11.4370N	42.6307E	700	From 1976-04-01
Sue Hot Springs	SOX	Nevada,U.S.A.	40.1017N	117.7167W	1198	
Suffern	SUFF	New York,U.S.A.	41.1583N	74.1092W	152	
Suffield	SES	Alberta,Canada	50.3958N	111.0420W	770	From 1966-05-11
Sufian	SFNV	Syria	36.4180N	40.1116E	810	From 2002-04-01
Sufi-Kurgan	SFK	Kyrgyzstan	40.0130N	73.5030E	2160	
Sugar Bowl	BOLM	Washington	46.2154N	122.1747W	1859	From 2004-10-03
Sugar Island	SUG	Michigan,U.S.A.	46.5214N	84.1383W	190	From 1969-09-26 to 1972-08-09
Sugar Loaf	SLFW	Washington,U.S.A.	47.7589N	120.5278W	1750	
Sugarloaf Mountain West	SMWM	California,U.S.A.	36.0193N	117.8458W	1116	
Sugihara	SRJ	Gifu,Japan	36.4141N	137.1917E	440	
Sugihashi	SGJ	Fukui,Japan	35.6111N	136.1456E	210	
Suhut-Afyon	SHUT	Turkey	38.5530N	30.5511E	1215	From 2006-11-02
Sui-hua	SUI	Heilongjiang,China	46.6233N	126.9920E		
Sukabumi	SKJI	Jawa	7.0053S	106.5563E	100	From 2005-01-01
Sulaymaniyah	SLY	Iraq	35.6000N	45.5000E	912	
Sulen	SUE	Norway	61.0570N	4.7610E	10	From 1984-11-01
Sullivan	SLTN	Tennessee,U.S.A.	36.4432N	82.1205W	1280	
Sulphur Creek	SUL	New Britain,Papua New Guinea	4.2194S	152.1930E	9	
Sultana	SALT	Saudi Arabia	29.0230N	34.9080E	350	From 1993-07-01
Sultana	SULJ	Jordan	31.0867N	36.0767E	951	
Sultanhani-AKSARAY	SULT	Turkey	38.1988N	33.5156E	982	From 2008-01-04
Sultan-Mazar	SMT	Tajikistan	38.4667N	70.0667E		
Sulz-Cheisacher	SULZ	Switzerland	47.5275N	8.1152E	715	
Sumara - IBB Gov. - Yemen	SMRH	Yemen	14.1840N	44.2570E	2990	From 2005-10-23
Sumainien	SUF	Finland	62.7192N	26.1506E	185	
Sumiya	SMAJ	Jordan	32.1550N	35.7830E	565	From 1983-09-01 to 1985-12-16
Summer Lake	K05A	Oregon,U.S.A.	42.7258N	120.8934W	1887	From 2006-07-31
Summer Shade	SSKY	Kentucky,U.S.A.	36.7955N	85.7925W	300	From 1983-04-21 to 1987-03-05
Summertown	SMA	South Carolina,U.S.A.	33.6283N	80.3181W	30	From 1974-05-20 to 1975-07-01
Summit	SUMG	Greenland	72.5763N	38.4538W	3275	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Summit Reservoir	SURI	Idaho,U.S.A.	44.3058N	113.4830W	2324	
Summit Valley	SVMT	Montana,U.S.A.	45.8822N	112.5710W	1914	
Sumner High School ANSS-SMO	SMNR	Washington	47.2044N	122.2327W	626	From 1984-01-01 to 1987-10-21
Sumoto	SUM	Hyogo,Japan	34.3350N	134.9080E	110	From 2001-07-17
Sumgayit	SMGA	Azerbaijan	40.6050N	49.6410E	-21	
Sunaseyri	SUNK	Kumamoto,Japan	32.8695N	131.0892E	1240	
SUNCHEON	KSSCH	South Korea	35.0649N	127.2408E	54	From 2006-12-30
Sundarnagar	SDNR	Himachal Pradesh,India	31.5000N	76.9700E		
Sundja	SNJR	Severo-Osetinskaya	43.0685N	44.8117E	671	From 2006-01-10
Sunflower	SN	Arizona,U.S.A.	33.8636N	111.6928W	884	From 1964-03-29 to 1965-10-04
Sunflower	SN-AZ	Arizona,U.S.A.	33.8636N	111.6928W	884	From 1964-03-29 to 1965-10-04
Sungai Dareh	SDSI	Sumatera	0.9324S	101.4282E	0	From 2007-12-01
Sun Moon Lake	SMLT	Taiwan region	23.8830N	120.8999E	1014	
Sunnyside	E07A	Washington,U.S.A.	46.5585N	119.8548W	561	From 2006-08-29
Sunnyside	SUN	Utah,U.S.A.	39.6167N	110.4000W		
Sunnyside Mine	SMU	Utah,U.S.A.	39.6000N	110.3820W	1981	From 1962-01-01 to 1968-12-31
Sunset Crater	SCN	Arizona,U.S.A.	35.3689N	111.5430W	2111	From 1970-07-20
Sunset Lake	SSL	Pennsylvania,U.S.A.	41.1612N	74.9160W	259	From 1973-02-13 to 1976-05-31
Sunset Peak	SSK	California,U.S.A.	34.2107N	117.6930W	1683	
Sunshine	SSH	Alaska,U.S.A.	62.1667N	150.0780W	100	From 1971-08-01 to 1972-09-30
Sunshine Point	SNH	Alaska,U.S.A.	60.1800N	142.8380W	732	
Superstition Mountain	SUP	California,U.S.A.	32.9552N	115.8240W	220	From 1973-04-16
Superstition Mountain	SMTC	California,U.S.A.	32.9489N	115.7203W	3	
Surbourg	SRBF	Alsace,France	48.9147N	7.8522E	200	
Surduc	SDR	Romania	45.4889N	26.3831E	720	
Surigao	SCPH	Mindanao,Philippines	9.7820N	125.4890E	49	
Surrey Hills	SHYM	Victoria,Australia	37.8260S	145.1100E	100	
Survey Creek	SURV	British Columbia,Canada	53.4033N	132.1250W	186	
Susaki	SUS	Shizuoka,Japan	34.6667N	138.9830E	3	
Susana Heights	SHMP	Philippines	14.3820N	121.0230E	80	
Susan B. English School	SBEA	Alaska,U.S.A.	59.4423N	151.7123W		
Susara	SSR	Romania	44.8633N	21.7433E	400	
Susara	SSA	Romania	44.8633N	21.7433E	400	
Susehri	SUSE	Turkey	40.2086N	38.2025E	1586	From 2008-06-25
Susitna	SST	Alaska,U.S.A.	61.4347N	150.7800W	780	From 1971-08-24 to 1972-08-15
Susitna One	SUA	Alaska,U.S.A.	61.4638N	150.7430W	1297	From 1972-08-15
Sussex County Emergency Operations Center	SCOM	Delaware,U.S.A.	39.6957N	75.3627W	12	
Susuman	SUUS	Magadanskaya Oblast',Russia	62.7786N	148.1672E	640	
Susurluk	SLK	Turkey	39.8711N	28.1450E	147	From 1979-12-01 to 1999-08-25
Sutcliffe	SC-NV	Nevada,U.S.A.	39.8739N	119.6408W	1341	
Sutcliffe	SC	Nevada,U.S.A.	39.8739N	119.6408W	1341	
Sutherland	SUR	Cape Province,South Africa	32.3800S	20.8117E	1760	
Suttlece-Isparta	SUTC	Turkey,Turkey	37.4765N	30.9996E	1300	From 2008-04-02
Sutter Butte	SUTB	California,U.S.A.	39.2291N	121.7861W	252	From 2005-05-17 to 2007-09-05
Sutter Buttes	OSUM	California,U.S.A.	39.2712N	121.8520W	67	From 1976-04-01
Sutton Inlier	SIL0	Ontario,Canada	54.4792N	84.9126W	195	
Suttsu	SUT	Shiribeshi,Japan	42.7900N	140.2400E	16	
Suttsu	SUT1	Shiribeshi,Japan	42.7933N	140.2283E	33	From 1989-09-22
Sut uroy	FSD	Faeroe Islands	61.5701N	6.7884W		
Suurupi	SRPE	Estonia	59.4633N	24.3800E	42	
Suva	SVA	Fiji	18.1167S	178.4580E	38	From 1976-07-01
Suva	SUV	Fiji	18.1489S	178.4570E	6	From 1913-01-01 to 1971-06-30
Suvo	SYVR	Buryatiya,Russia	53.6581N	109.9989E	490	
Suwalki	SUW	Poland	54.0125N	23.1808E	152	From 1995-11-05
Suwon	KSSWO	South Korea	37.2669N	126.9669E	56	From 2002-11-06
Suzu	JSZ	Ishikawa,Japan	37.4483N	137.3633E	10	
Suzuyama	JSU	Kagoshima,Japan	31.5058N	130.4550E	400	
Svanoeiden	SVAU	Sweden	64.4940N	19.5750E	100	From 2000-09-08
Svartarkt	ISVA	Iceland	65.3370N	17.2550W	403	From 1998-07-27
Sverdlorsk	SVE	Sverdlovskaya Oblast',Russia	56.8270N	60.6370E	275	
Svilajnac	SVIS	Serbia,Serbia and Montenegro	44.2962N	21.2216E		
Svinoy	FSV	Faeroe Islands	62.2598N	6.3550W		
Swabi-Maira	SWR	Pakistan	34.1303N	72.8498E	489	
Swamp Creek	SWP	Montana,U.S.A.	48.6068N	114.9850W	1157	From 1971-02-01 to 1976-10-04
Swan Island	SWA	Swan Islands,Honduras	17.4000N	83.9333W		
Swan Lake	C14A	Montana,U.S.A.	47.7687N	113.7468W	1173	From 2006-10-03
Swan Pond Ditch	SPIN	Indiana,U.S.A.	38.5400N	87.6069W	122	
Swansea	HSA	Wales,United Kingdom	51.7478N	4.1543W	274	From 1987-01-01
Swanson's Bluff	BSBM	California,U.S.A.	36.7378N	121.2870W	398	From 1975-06-25
Swan View	SWV	Western Australia,Australia	31.8833S	116.0650E	80	
Swartz Lake	SWMT	Montana,U.S.A.	47.5093N	113.9990W	1297	
Swaziland	SWD	Swaziland	26.4017S	31.7728E		
Sweetgrass	SW-MA	Montana,U.S.A.	48.9689N	111.9628W	1113	From 1965-10-16 to 1966-09-13
Sweetgrass	SW-	Montana,U.S.A.	48.9689N	111.9628W	1113	From 1965-10-16 to 1966-09-13
Sweet Springs	SSOR	Oregon,U.S.A.	44.8560N	122.4600W	1242	From 1991-09-01
Sweetwater, Wamsutter	M20A	Wyoming,U.S.A.	41.4906N	108.1865W	2134	From 2007-11-02
Swindon	SWN1	England,United Kingdom	51.5131N	1.8004W	192	From 1993-01-01
SW Tenn Gill Cnt	GILT	Tennessee,U.S.A.	35.2309N	89.9829W	0	
Sydney	SYD	New South Wales,Australia	33.8667S	151.2000E	43	From 1906-01-01 to 1948-12-31
Sytkyvkar	SYKR	Komi	61.6708N	50.8247E	127	
Syncline Ridge	NYS	Nevada,U.S.A.	37.0325N	116.1690W	1509	From 1971-01-01 to 1973-01-31
Syowa Base	SYO	Dronning Maud Land,Antarctica	69.0088S	39.5921E	20	
Syston	KSY	England,United Kingdom	52.9642N	0.5873W	123	From 1988-01-01
Syuhurei	SYU	South Korea	36.2000N	128.0000E	100	
Szeged	SZE	Hungary	46.2483N	20.1414E	82	
Szhu	WSF	Taiwan region	23.6380N	120.2220E	6	
T a@11 Lat	DLVO	Vietnam	11.9652N	108.4815E	1550	From 1982-01-01
T a@11 Lat	DLV	Vietnam	11.9433N	108.4867E	1575	
Taal Volcano	CALP	Luzon,Philippines	13.9990N	121.0090E		
Tabaga	TBGR	Sakha	61.8210N	129.6370E	100	From 2003-06-24
Tabasco	LJS	Tabasco,Mexico	17.9930N	93.4880W		
Tabat	TBTR	Krasnoyarskiy Kray	52.9291N	90.7201E	518	From 2005-05-27
Tabele	TBL	Papua New Guinea	4.1013S	145.0120E	180	From 1964-01-01
Tabernacle	TABN	New Jersey,U.S.A.	39.8642N	74.6628W	31	From 1977-06-17 to 1978-08-31
Tabernacle Mountain	TABB	British Columbia,Canada	51.7500N	117.7620W	2469	From 1972-10-18 to 1999-08-25
Table Mountain	TBM	Washington,U.S.A.	47.1695N	120.5980W	1064	
Table Mountain	OTBM	California,U.S.A.	39.5457N	121.5610W	219	From 1975-09-06
Table Mountain	TMC	California,U.S.A.	34.3750N	117.6930W	2180	
Table Rock	TBR	New York,U.S.A.	41.1417N	74.2222W	261	From 1975-07-01
Tabri@18z	TAB	Iran	38.0675N	46.3267E	1430	From 1965-08-10
Tabriz	ITBZ	Iran	38.2333N	46.1466E	1620	From 1995-08-01
Tabubil	OKTD	Papua New Guinea	5.3484S	141.2917E	518	From 1994-01-01
Tabubil	TZZ	Papua New Guinea	5.2681S	141.2210E	700	From 1977-11-16
Tabuk	TBKS	Saudi Arabia	28.2200N	36.5400E	295	
Taburiente	TBT	Canary Islands,Spain	28.6794N	17.9145W	180	From 1974-11-01
Tacana	TCG	Guatemala	15.1228N	92.0858W	3100	From 1986-07-01
Ta-ch'eng	WTCT	Taiwan region	23.8640N	120.2810E	4	
Tachien	TWT	Taiwan region	24.2533N	121.1758E	1510	From 1973-10-04
Tacoma Substation	TBPA	Washington,U.S.A.	47.2581N	122.3669W	2	
Tacubaya	TAC	Mexico D.F.,Mexico	19.4050N	99.1936W	2297	
Tadjoura	TDJ	Djibouti	11.7955N	42.8888E	60	From 1972-04-01 to 1979-08-31
Tadjoura Ara	TDD	Djibouti	11.8037N	42.9070E	110	From 1979-09-01
Tadotsu	TAD	Kagawa,Japan	34.2833N	133.7670E	4	
Tadoussac	TADQ	Quebec	48.1400N	69.7200W	0	From 1979-05-24
Taebaek	KSTBA	South Korea	37.1226N	128.9523E	802	From 2006-12-30
Taegu	TAE	South Korea	35.8667N	128.6000E	50	
Taejon	TJN	South Korea	36.3772N	127.3638E	60	
Taforalt	TAF	Morocco	34.8142N	2.4142W	820	From 1972-11-01
Taft	TF-CL	California,U.S.A.	35.1636N	119.9675W	793	From 1962-05-23 to 1965-11-13
Taft	TF-	California,U.S.A.	35.1636N	119.9675W	793	From 1962-05-23 to 1965-11-13
Taga	JTG	Shiga,Japan	35.1867N	136.3217E	160	
Tagaytay City	TGY	Luzon,Philippines	14.1022N	120.9367E	600	From 1991-01-01
Tagbilaran	TBP	Cebu,Philippines	9.6910N	123.8620E	120	
Tagebau Bergheim	BD02	Nordrhein-Westfalen	50.9679N	6.6743E	115	From 2001-01-01 to 2007-08-29
Taghat	TGT	Morocco	34.0700N	5.0550W	820	From 1993-01-01
Taghi Ghambar	TGI	Iran	32.9633N	59.1933E	1800	From 1975-05-01
Tahiti	TAH	Tahiti,French Polynesia	17.7333S	149.3000W		
Tahkenitch	TAKO	Oregon,U.S.A.	43.7435N	124.0812W	46	
Tahuroa Road	TOZ	North Island,New Zealand	37.7308S	175.5019E		

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Tai'an	TIA	Shandong,China	36.2114N 117.1240E	300	
Taichung	TCU	Taiwan region	24.1475N 120.6760E	84	
Taichung Port	TCUP	Taiwan region	24.2560N 120.5230E	0	From 2001-04-10
Taif	TAF1	Saudi Arabia	21.2830N 40.3500E	2500	From 1995-04-01
Taimali	ECL	Taiwan region	22.5970N 120.9540E	70	
Tainan	TAI	Taiwan region	22.9952N 120.1970E	14	
Tainan City	TAI2	Taiwan region	22.9870N 120.2100E	30	From 1999-08-04
Taipei	TATO	Taiwan region	24.9754N 121.4880E	53	From 1976-05-13
Taipei	TAP1	Taiwan region	25.0390N 121.5230E	-80	
Taipei	TAP	Taiwan region	25.0393N 121.5060E	6	
Taitung	TTN	Taiwan region	22.7540N 121.1470E	9	
Taivalkoski	KU2	Finland	65.7096N 28.2300E	290	From 2003-11-05
Taiyuan	TIY	Shanxi,China	37.7131N 112.4340E	850	
Taiyuan	TYN	Shanxi,China	37.7867N 112.5900E		
Ta'izz	TAIZ	Yemen	13.5680N 44.0470E	0	
Takachiho West	KV11	Kagoshima,Japan	31.8839N 130.8989E	980	
Takada	TKJ	Niigata,Japan	37.1280N 138.2100E	40	From 1971-01-01
Takada	TKD	Niigata,Japan	37.1050N 138.2500E	15	
Taka-dake	TAKK	Kumamoto,Japan	32.8787N 131.1015E	1450	
Takaka	TAK	South Island,New Zealand	40.8500S 172.8000E	8	From 1931-01-01 to 1951-12-31
Takamatsu	TKM	Kagawa,Japan	34.3150N 134.0567E	10	
Takane	TKN	Gifu,Japan	35.9824N 137.5122E	1310	
Takapari Road	TSZ	North Island,New Zealand	40.0603S 175.9609E	547	From 2004-01-27
Takato	JNT	Yamanashi,Japan	35.8750N 138.1380E	1180	From 1995-04-01
Takayama	TKY	Gifu,Japan	36.1533N 137.2567E	560	
Takayama	TAKN	Gifu,Japan	36.1328N 137.1842E	700	
Takayasuyama	TKU	Osaka,Japan	34.6117N 135.6600E	472	
Takazaki	JTZ	Miyazaki,Japan	31.9012N 131.0880E	170	
Takazawasan	TKZ	Gifu,Japan	35.5430N 136.9754E	260	
Take-yama	TKE	Kanagawa,Japan	35.2170N 139.6669E	112	
Talagante	TACH	Santiago,Chile	33.6532S 70.9376W	440	From 1982-01-01
Talang	TLN	Sumatera,Indonesia	1.0000S 100.5000E		
Tala Foza	TPA	Santiago del Estero,Argentina	27.8217S 64.2450W	177	
Talara	TAL	Peru	4.6317S 81.3067W	40	
Talasea	TAL	New Britain,Papua New Guinea	5.3097S 150.0450E	40	From 1972-09-01
Talaya	TLAR	Magadanskaya Oblast',Russia	61.1297N 152.3978E	730	
Talaya	TLY	Irkutskaya Oblast',Russia	51.6807N 103.6438E	579	
Talbingo	TAO	New South Wales,Australia	35.6109S 148.2890E	570	From 1969-01-01
Talbot Brook	WA3	Western Australia,Australia	32.0517S 116.6430E	276	From 1973-01-01
Talca	TALC	Maule,Chile	35.3980S 71.6340W	90	
Talchebab	TCHB	Syria	32.6692N 35.9688E	458	From 1995-02-01
Talcott Mountain	TMT	Connecticut,U.S.A.	41.8114N 72.7989W	290	From 1972-01-07 to 1977-06-10
Taldyqorghan	TDK	Kazakhstan	45.0060N 78.4050E	601	
Talgar	AA2	Kazakhstan	43.2300N 77.2300E		
Talgar	TLG	Kazakhstan	43.2300N 77.2300E	850	From 1994-07-27
Talgar	AAB	Kazakhstan	43.2300N 77.2300E		
Talkeetna Mountains	TLK	Alaska,U.S.A.	62.4938N 147.8780W	1719	From 1974-07-10 to 1975-11-11
Talkin	BTA	England,United Kingdom	54.9057N 2.6844W	279	
Talladega	TDA	Alabama,U.S.A.	33.5417N 86.0247W	181	
Tallapoosa	TPMO	Missouri,U.S.A.	36.5400N 89.8520W	83	
Tallapoosa	TOPM	Missouri,U.S.A.	36.5259N 89.8885W	80	
Tallowa	TALM	New South Wales,Australia	34.7709S 150.3809E	290	
Tall Timber Ranch, Leavenworth	C06A	Washington,U.S.A.	47.9230N 120.8944W	594	From 2006-09-13 to 2008-05-16
Talmassons	TLI	Italy	45.9217N 13.1019E	-49	From 1985-11-27
Taloyoak	SBNU	Canada	69.5405N 93.5571W	78	
Tamagu	JJT	Ryukyu Islands,Japan	26.1495N 127.7667E	188	
Tamagusuku 2	JJT2	Ryukyu Islands,Japan	26.1383N 127.7487E	40	
Tamana	JTA	Kumamoto,Japan	32.9637N 130.5328E	230	
Tamanrasset	TAM	Algeria	22.7917N 5.5233E	1395	From 1948-01-01
Tamaro	TMA	Switzerland	46.1060N 8.8730E	1700	From 1981-01-01
Tamasi	PKS9	Hungary	46.5870N 18.2789E	240	
Tambak Boyo	TBJ	Jawa	6.8179S 111.8481E	0	From 2007-12-01
Tambo	TAMB	Ecuador	0.6942S 78.3680W	4160	From 1990-08-10
Tam Dao	TDV	Vietnam	21.4647N 105.6457E	1200	
Tamdy-Bulak	TMD	Uzbekistan	41.7500N 64.6400E	273	
Tamitsa	TMCR	Arkhangel'skaya Oblast'	64.1643N 38.0352E	23	From 2003-11-28
Tampico	TMX	Tamaulipas,Mexico	22.2550N 97.8506W	21	
Tanabu	TNB	Aomori,Japan	41.2833N 141.2170E		
Tana Glacier	TGL	Alaska,U.S.A.	60.7558N 142.8300W	1234	From 1988-07-01
Tanaharon	THRI	Bali,Indonesia	8.3694S 115.5430E	1000	
Tanaka	TKA	New Britain,Papua New Guinea	4.3449S 152.1780E	365	
Tanana	TNN	Alaska,U.S.A.	65.2567N 151.9120W	504	
Tananarive	TAN	Madagascar	18.9169S 47.5519E	1375	From 1973-01-01
Tana Toraja	TTSI	Sulawesi	3.0451S 119.8190E	0	From 2007-12-01
Tanbara	JET	Ehime,Japan	33.7788N 133.0487E	410	
Tanegashima	TAJ	Ryukyu Islands,Japan	30.7367N 130.9933E	17	From 1970-07-01
Tanegashima 2	TAJ2	Ryukyu Islands,Japan	30.6350N 130.9800E	280	From 1984-08-01
Tanegashima 3	JTN	Ryukyu Islands,Japan	30.6543N 130.9797E	240	
Tanete Lipujang	TANI	Sulawesi,Indonesia	3.4361S 119.3830E	230	
Tangerang	TNG	Jawa,Indonesia	6.1717S 106.6462E	14	
Tangkuban Prah	TPJ	Jawa,Indonesia	6.7667S 107.6000E		From 1969-01-01 to 1999-08-25
Tanjungpandan	TPI	Sumatera,Indonesia	2.7563S 107.6534E	25	
Tanjung Pinang	TPRI	Sumatera	0.9184N 104.5263E	41	From 2005-01-01
Tanna	TANV	Vanuatu	19.5326S 169.2795E	100	
Tannan	TNJ	Kyoto,Japan	35.0314N 135.2136E	310	
Tannehill State Park	TSAL	Alabama,U.S.A.	33.2561N 87.0675W	180	
Tannenbergsthal	TANN	Sachsen,Germany	50.4149N 12.4616E	836	From 2000-12-19
Tanohata	JTH	Iwate,Japan	39.9387N 141.8637E	200	
Tanti	TCA	Cordoba,Argentina	31.3386S 64.5908W	910	From 1980-02-01
Tanto	TTOK	Hyogo,Japan	35.5065N 134.9772E	190	
Tapachula	TPX	Chiapas,Mexico	14.9050N 92.2611W	150	From 1984-01-01
Tapachula	TLA	Chiapas,Mexico	15.0289N 92.2000W		
Tapini	TPN	Papua New Guinea	8.3569S 146.9840E	989	
Taplejung	TAPN	Nepal	27.3500N 87.7100E	2530	From 1994-04-01
Ta-pu	WTP	Taiwan region	23.2460N 120.6140E	560	
Ta-pu	TPUB	Taiwan region	23.3005N 120.6296E	370	
Tara	ETA	Ireland	52.6958N 6.2100W	140	From 1982-03-01
Taradale	TRZ	North Island,New Zealand	39.5533S 176.8210E	17	From 1962-05-01 to 1988-05-31
Taradale Trig	TTH	North Island,New Zealand	39.5413S 176.8260E	120	From 1987-03-19 to 2003-07-26
Tarade	TAG	Guadeloupe	16.0420N 61.6642W	1182	
Tara Hills	THP	South Island,New Zealand	44.5450S 169.8880E	760	From 1975-06-01 to 1983-11-21
Tarakan	TARAI	Kalimantan	3.3271N 117.5703E	95	From 2000-01-01
Tarama	JTJ	Ryukyu Islands,Japan	24.6408N 124.7020E	7	
Taranto	TAR	Italy	40.4750N 17.2583E	15	
Taranto	TA1	Italy	40.4096N 17.2833E		From 1977-01-01 to 1999-08-25
Taranto	TTI	Italy	40.4096N 17.2833E	20	From 1977-01-01 to 1999-08-25
Taraponui	TAHZ	North Island,New Zealand	39.1358S 176.7403E	1297	From 1987-03-01 to 1999-08-25
Tarata	TNZ	North Island,New Zealand	39.1872S 174.3800E	123	From 1962-05-01 to 1985-07-27
Taravao	TVO	Tahiti,French Polynesia	17.7825S 149.2517W	620	
Tarawa	TARA	Kiribati (Gilbert Islands),Kiribati	1.3549N 172.9229E	19	
Tarawera	TAZ	North Island,New Zealand	38.2331S 176.5080E	1037	From 1984-07-01
Taraz	DZA	Kazakhstan	42.8920N 71.3310E	631	
Tarbela	TRB	Pakistan	34.0828N 72.7157E	532	
Tardaria	ETAR	Sicily,Italy	37.6630N 15.0590E	940	From 2001-07-01
Targassone	TRGS	Languedoc-Rousillon,France	42.5022N 1.9667E	1700	
Tarifa	EXTA	Spain	36.0120N 5.6010W	28	
Tarija	TRJ	Bolivia	21.5131S 64.7761W	2100	
Tarpa	TRPA	Hungary	48.1304N 22.5391E	113	From 2006-11-01
Tarraleah	TRR	Tasmania,Australia	42.3042S 146.4500E	579	From 1960-01-01
Tartu	TRTE	Estonia	58.3786N 26.7205E	100	
Tartu	TTU	Estonia	58.3833N 26.7167E		
Tarutung	TRSI	Sumatera	2.0256N 98.9594E	979	From 2005-01-01
Tashiro 2	JTSR	Kagoshima,Japan	31.1663N 130.9217E	430	
Tashkent	TAS	Uzbekistan	41.3250N 69.2950E	470	
Tashtagol	TASR	Kemerovskaya Oblast',Russia	52.7600N 87.8800E	530	
Taslik	TST	Turkey	40.2483N 28.3733E	35	From 1978-11-01 to 1999-08-25
Tasmania University	TAU	Tasmania,Australia	42.9099S 147.3200E	132	From 1957-01-01
Tasoluk	AYDN	Turkey	37.6608N 27.8792E	716	From 2002-12-20
Tasu	TSB	British Columbia,Canada	52.7650N 132.0330W	30	From 1984-04-13

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Tatalina	TTA	Alaska,U.S.A.	62.9301N	156.0120W	990	
Tatalina	TT01	Alaska,U.S.A.	62.9066N	156.0204W	380	
Tatalina	TTL	Alaska,U.S.A.	62.8986N	155.9760W		
Tatama	TATC	Colombia	5.1267N	75.9969W	2200	
Tateyama	TAT	Chiba,Japan	34.9833N	139.8680E	6	
Tateyama	TYM	Chiba,Japan	34.9708N	139.8481E	30	
Tateyama 2	TATJ	Chiba,Japan	35.0317N	139.8902E	40	From 1990-05-10
Tathlith	TATS	Saudi Arabia	19.5416N	43.4773E	1123	
Tatla Lake BC	TALB	British Columbia	52.0147N	124.2536W	1122	From 2006-08-28
Tatong	TATM	Victoria,Australia	36.7747S	146.1061E	342	
Tatsuka	TATH	Iburi,Japan	42.5305N	140.8838E	140	
Tatum	Z27A	New Mexico,U.S.A.	33.3150N	103.2145W	1197	From 2008-04-17
Tatum Dome	TO-MS	Mississippi,U.S.A.	31.1328N	89.5711W	130	
Tatvan	TATV	Turkey	38.5080N	42.2672E	1831	From 2006-10-19
Tau Lekoa	TAUL	Transvaal	26.9960S	26.6090E	1350	From 2008-04-07
Taunus Mts	TNS	Hessen,Germany	50.2225N	8.4473E	815	From 1913-01-01
Tauranga	TGRZ	North Island,New Zealand	37.7308S	176.2605E	140	
Taurewa	TWVZ	North Island,New Zealand	39.0725S	175.4375E	1050	From 2004-05-18
Tautenburg	TAUT	Thuringen	50.9810N	11.7100E	335	From 2008-05-16
Tauyuan	STYT	Taiwan region	23.1630N	120.7570E	640	
Tavernes	TAVF	Provence-Cote d'Azur,France	43.6173N	6.0578E	689	From 1982-11-01
Taveuni	TVI	Fiji	16.9259S	179.9590E	814	From 1981-11-01
Tavil'dara	TDT	Tajikistan	38.6833N	70.4833E	1670	
Tavuruvur	TAV	New Britain,Papua New Guinea	4.2312S	152.2200E	31	From 1967-01-01
Tawau	TSM	Sabah,Malaysia	4.2936N	117.8725E	62	
Tawu	TWJ1	Taiwan region	22.3696N	120.8838E	150	From 1978-01-13
Tawu	TAW	Taiwan region	22.3576N	120.8960E	8	
Tayabas	TOP	Luzon,Philippines	13.8989N	121.8660E	300	
Tayabas	TAY	Luzon,Philippines	13.8990N	121.8660E	300	
Tayfur-Gelibolu	GELI	Turkey	40.3980N	26.4741E	129	From 2008-07-05
Taylor	NTYM	California,U.S.A.	38.3895N	122.6620W		
Taylor Farm	CTFL	California,U.S.A.	37.6463N	121.6720W	295	From 1981-01-01
Taylor Mountain	NTMM	California,U.S.A.	38.3858N	122.6800W	105	From 1970-08-14
Taylor Mountain	TMI	Idaho,U.S.A.	43.3056N	111.9180W	2179	
Taylor Ranch	TRC	California,U.S.A.	35.9455N	120.4740W	552	From 1967-01-12
Taylor Ranch	PK3	California,U.S.A.	35.9455N	120.4740W	552	From 1967-01-12
Taylor Ranch	PTYM	California,U.S.A.	35.9455N	120.4740W	552	From 1967-01-12
Tayyib Ism	TAYS	Saudi Arabia	28.5511N	34.8717E		
Tazeka	TZK	Morocco	34.0890N	4.1840W	1980	From 1993-01-01
Tazercounte	TZC	Morocco	32.1480N	6.4900W	1700	
Tazewell	TZTN	Tennessee,U.S.A.	36.5439N	83.5490W	394	
Tazlina	TZL	Alaska,U.S.A.	62.0445N	145.4240W	366	From 1990-07-01
T'bilisi	TIF	Georgia	41.7167N	44.8000E	399	From 1899-01-01 to 1978-12-31
Tbilisi Sea	SEAG	Georgia	41.7643N	44.8034E	607	From 2003-01-01
Tchakhmakh	TCHZ	Armenia	40.9000N	43.7000E	1860	
Teanaway	TWW	Washington,U.S.A.	47.1381N	120.8680W	1046	From 1986-10-01
Teasdale	R16A	Utah,U.S.A.	38.2843N	111.4827W	2202	From 2007-06-26
Tea Tree Gully	UTT	South Australia,Australia	34.8215S	138.7367E	300	
Te Atua	TEHZ	North Island,New Zealand	39.9894S	176.8111E	407	From 1987-03-01 to 1999-08-25
Tecamachalco	TCPM	Puebla,Mexico	18.8900N	97.6894W		
Tecapa	TCPZ	El Salvador	13.4890N	88.5070W	1594	
Techi	TDCB	Taiwan region	24.2531N	121.1583E	1295	
TEC LaTrobe	TECM	Victoria,Australia	37.7245S	145.0555E	156	
Tecnologico de Monterrey	TMM	Nuevo Leon,Mexico	25.7505N	100.2029W	585	
Tecnologico de Monterrey 2	TMM2	Nuevo Leon,Mexico	25.6992N	100.2663W		
Tecomasuche	TME	El Salvador	14.0169N	89.3556W	516	
Tecpan	TEP	Guatemala	14.7878N	90.9715W	1640	From 1978-06-01
Tecpan 2	TP2	Guatemala	14.7833N	91.0213W	3075	From 1982-01-01
Tecpatan	TCX	Chiapas,Mexico	17.1330N	93.2950W	471	From 1979-12-01
Teekin	TEK	Tonga	21.1297S	175.3220W	20	From 1970-10-01
Teeli	TEL	Tyva,Russia	51.0200N	90.2000E	980	
Teeples Ranch	TEE	Montana,U.S.A.	48.3795N	115.5880W	805	From 1971-02-01 to 1976-10-04
Tegal	TGJI	Jawa	6.8679S	109.1210E	44	From 2005-01-01
Tegucigalpa.Univ of Honduras	TGUH	Central America,U.S.A.	14.0570N	87.2730W	0	
Tehachapi Microwave	THC	California,U.S.A.	34.9087N	118.6630W	1718	
Tehra @ 18n	TEH	Iran	35.7367N	51.3817E	1470	
Tehra @ 18n	THR	Iran	35.9080N	51.1260E	2050	From 2000-08-01
Tehran--Karaj	THKV	Iran	35.9157N	50.8788E	1795	From 1999-04-24
Tehuac#an	TPIG	Mexico	18.4195N	97.3617W	1488	From 2002-10-10
Tejeda	ATEJ	Spain	36.9150N	4.0140W	1480	
Tejon Ranch	TJR	California,U.S.A.	35.0275N	118.7430W	439	
Tekirdag	TKR	Turkey	40.9902N	27.5357E	140	
Tekirdag	TDAG	Turkey	40.9903N	27.5344E	148	From 1996-04-01 to 1997-02-26
Tekirdag	SART	Turkey	40.6889N	27.1800E	800	From 1997-02-27
Tekketepe	TKTP	Turkey	38.0400N	30.3200E	1788	From 1996-04-01
Telchick Spring	TCSI	Idaho,U.S.A.	43.6193N	113.4780W	1731	From 1992-01-01
Telegraph Cove	TLCB	British Columbia	50.5465N	126.8345W	10	From 2004-12-20
Telegraph Creek	TCBC	British Columbia,Canada	57.9231N	131.2820W	1356	From 1989-10-10
Telica	TELN	Nicaragua	12.6042N	86.8313W	850	
Telica 3	TEL3	Nicaragua	12.5722N	86.8448W	300	
Tellico Plains	TLT	Tennessee,U.S.A.	35.3011N	84.2833W	512	
Telus, Franklin R.	TFRB	British Columbia,Canada	48.9332N	124.6363W	0	From 2004-05-28
Tema	TEGH	Ghana	5.6367N	0.0014W	14	From 1987-01-01
Te Maipa	TMWZ	North Island	41.1083S	175.8903E	529	From 2007-04-20
Temblo Range Southeast	TMB	California,U.S.A.	35.0873N	119.5350W	1021	From 1976-06-01
Temiscaminque	MLQ2	Quebec,Canada	46.6814N	78.9907W	299	
Temiskaming	TMK	Quebec,Canada	46.6667N	79.0667W		
Tempiute Mountain	TPU	Nevada,U.S.A.	37.6046N	115.6496W	1964	
Temuco	TMU	Chile	38.7344S	72.6006W	100	From 1974-04-01
Temuco	TEM	Cautin,Chile	38.7750S	72.6056W	100	From 1965-09-01 to 1999-08-25
Temuco	TMCH	Chile	38.7490S	72.6164W	100	
Tena	TENA	Ecuador	0.7327S	77.7622W	1161	From 1994-09-21
Tende	OG23	Rhone-Alpes	44.1162N	7.6185E	930	From 1989-06-26
Tendick Farm, Oakridge	I04A	Oregon,U.S.A.	43.7941N	122.4113W	731	From 2006-11-03 to 2007-11-01
Tenerife	CTFE	Canary Islands,Spain	28.4794N	16.2622W	270	From 1983-01-01
Tenerife	TEN	Canary Islands,Spain	28.4643N	16.2454W	1	From 1952-01-01 to 1983-01-31
Tenhult	TNU	Sweden	57.6380N	14.2690E		From 1980-01-01 to 1991-12-31
Tenkes	RHK3	Hungary	45.8885N	18.2521E	420	
Tenmabayashi	JTM	Aomori,Japan	40.7868N	141.0682E	130	
Tennant Creek	WRAB	Northern Territory,Australia	19.9333S	134.3500E	366	From 1994-03-27
Tennessee City	TCT	Tennessee,U.S.A.	36.0053N	87.5528W	245	From 1988-03-10
Tennyson Woods	TWOA	South Australia,Australia	35.0325S	138.5781E	165	
Tenryu	TNRJ	Shizuoka,Japan	34.9078N	137.8850E	66	From 1979-04-01
Teolo	TEOL	Italy	45.3600N	11.6700E	370	
Teotitlan	TEO	Oaxaca,Mexico	18.1382N	97.0752W	1060	
Tepee Creek	TPMT	Montana,U.S.A.	44.7298N	111.6660W	2518	From 1992-10-12
Tepee Creek (NFS), Magee	C11A	Idaho,U.S.A.	47.8397N	116.2557W	914	From 2007-08-28
Tepelena	TPE	Albania	40.2952N	20.0109E	251	From 1984-04-01
Tepich	TEIG	Yucatan,Mexico	20.2263N	88.2764W	69	
Tepoztlan	TPM	Morelos,Mexico	18.9833N	99.0617W	1500	
Tequesquite Ranch, Mosquero	V26A	New Mexico,U.S.A.	35.7964N	103.7860W	1362	From 2008-05-10
Teramo	TERO	Italy	42.6228N	13.6039E	673	From 2003-11-20
Ter de Rio Valdez	TRVA	Tierra del Fuego,Argentina	54.6803S	67.3395W	240	
Terek-Say	TRKS	Kyrgyzstan	41.5300N	71.1400E	1640	
Teren Tiev Lake	TTV	Alaska,U.S.A.	61.0548N	147.1210W	533	From 1984-09-18
Terepaima	TEPV	Venezuela	9.9637N	69.1917W	470	From 2002-11-21
Teresina	TRSB	Piaua	4.8700S	42.7100W	125	
Terlingua Ranch, Terlingua	627A	Texas,U.S.A.	29.4528N	103.3887W	1163	From 2008-03-08
Termini	ISOR	Italy	40.5820N	14.3350E	497	From 1976-01-01
Ternate	TNTI	Moluccas	0.7718N	127.3667E	43	From 2007-01-05
Ternate	TNE	Moluccas,Indonesia	0.7860N	127.3690E	0	
Ternei	TEY	Primorskiy Kray,Russia	45.0360N	136.6030E	50	From 1982-02-01
Terradas	ETER	Spain	42.3015N	2.8555E	238	From 1988-03-01
Terra Mystica	MYKA	Austria	46.6299N	13.6416E	909	From 2006-12-13
Terranova	TER	Guatemala	14.3023N	90.6837W	560	From 1975-03-01
Terranova Bay	TNV	Victoria Land,Antarctica	74.6950S	164.1240E	40	
Terranova Sibari	TDS	Italy	39.6589N	16.3378E	270	
Terraza Guagua	TERV	Ecuador	0.1743S	78.6043W	4228	
Terre Adelie	TAA	Terre Adelie,Antarctica	66.8178S	141.3950E	8	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Terre Haute	THI	Indiana,U.S.A.	39.4069N	87.3600W	150	From 1962-09-21
Terskaya	TRKR	Severo-Osetinskaya	43.7233N	44.7321E	141	From 2005-08-09
Teshikaga	TES	Kushiro,Japan	43.4836N	144.4282E	230	
Tesla Road	CTLM	California,U.S.A.	37.6573N	121.6440W	458	
Tesuque Peak	TSP	New Mexico,U.S.A.	35.7853N	105.7810W	3664	From 1973-10-14
Tete	TET	Mozambique	16.1467S	33.5768E	153	From 1970-12-01
Tete Morne	DTMT	Dominica	15.2330N	61.3520W	496	
Tetilla Peak	TTP	New Mexico,U.S.A.	35.6094N	106.2060W	2103	From 1973-10-01
Tetitlan	TETM	Guerrero,Mexico	17.1617N	100.6305W	50	
Teton Pass	TPAW	Wyoming,U.S.A.	43.4901N	110.9510W	2512	From 1986-01-01
Texada	TXB	British Columbia,Canada	49.6969N	124.4360W	515	From 1984-01-14
Tezpur	TZR	Assam,India	26.6333N	92.8000E		
Thala	THA	Tunisia	35.5603N	8.6997E	1080	
Thalero	THAL	Greece	38.0372N	22.6631E	129	From 2008-06-14
Thallon Road	WTRQ	Queensland,Australia	27.5286S	152.4640E		From 1985-05-23
Thamme Wali	THW	Pakistan	32.7943N	71.7427E	533	
Thanh Hoa	THV	Vietnam	19.8508N	105.7820E	0	From 2001-01-01
The Citadel Site 1	C1SC	South Carolina,U.S.A.	32.7983N	79.9590W	5	
The Citadel Site 2	C2SC	South Carolina,U.S.A.	32.7993N	79.9643W	2	
The Dalles	VTDM	Oregon,U.S.A.	45.5453N	121.3110W	305	
The Heights School	THS	South Australia,Australia	34.7417S	138.7733E	340	
Thein Dam	THN	Himachal Pradesh,India	32.4333N	75.7167E		
The Old Anderson's Place, Rush Valley	O15A	Utah,U.S.A.	40.2807N	112.4694W	1611	From 2007-06-28
The Paps	APZ	Stewart Island	46.8334S	167.9888E	601	From 2006-05-08
The Promontory	YTP	Wyoming,U.S.A.	44.3918N	110.2850W	2384	
Thera Island	THR1	Greece	36.3705N	25.4593E	550	From 2004-02-01
Thermopolis	TL-WY	Wyoming,U.S.A.	43.3917N	108.0881W	1615	
Thessaloniki	THE	Greece	40.6322N	22.9650E	70	From 1981-01-01
They Montfort	THEF	Lorraine,France	48.2268N	5.9863E	469	
Thira Island, Akrotiri	THR6	Greece	36.3562N	25.3975E	119	From 2004-02-01
Thira Island, Kera	THR5	Greece	36.4172N	25.3479E	180	From 2004-02-01
Thira Island, Nea Kammeni	THR3	Greece	36.4091N	25.4008E	71	From 2004-02-01
Thira Island, Oia	THR4	Greece	36.4600N	25.3974E	220	From 2004-02-01
Thira island, Vourvoulos	THR2	Greece	36.4468N	25.4353E	220	From 2008-05-31
Thirsty	NT13	Nevada,U.S.A.	37.1570N	116.6670W	1628	
Thirsty Canyon	TCNV	Nevada,U.S.A.	37.1416N	116.7214W	1471	From 1984-11-02 to 2002-12-10
Thompson	CTOM	Ohio,U.S.A.	41.6917N	81.1473W	387	
Thompson Ridge	KTRM	California,U.S.A.	41.9087N	123.3760W	1378	
Thomson	TOMM	Victoria,Australia	37.8085S	146.3497E	932	
Thorn Acres	CTHA	Ohio,U.S.A.	41.5422N	81.1108W	362	
Thornton Park	SATS	California,U.S.A.	33.7078N	117.8910W	-370	From 1987-02-01
Thorofare Mountain	TRF	Alaska,U.S.A.	63.4510N	150.2870W	1717	From 1989-08-01
Three Creek Meadows	TCO	Oregon,U.S.A.	44.1075N	121.6000W	1975	From 1987-08-27
Three Point Mountain	TID	Idaho,U.S.A.	43.5000N	115.9330W		
Three Points, Tucson	216A	Arizona,U.S.A.	32.0022N	111.4574W	908	From 2007-03-02
Three Sisters	THRC	California,U.S.A.	34.5532N	117.7183W	1025	
Three Sisters--Wife	WIFE	Oregon,U.S.A.	44.0598N	121.8163W	1955	
Thule	THULE	Greenland	76.5567N	68.6750W	275	
Thule	TE-GL	Greenland	76.4972N	68.6056W	213	From 1965-10-12 to 1965-11-15
Thule	TULEG	Greenland	76.5374N	68.8237W	38	
Thule	THU	Greenland	76.4167N	68.3000W	485	
Thule	TE-	Greenland	76.4972N	68.6056W	213	From 1965-10-12 to 1965-11-15
Thunder Bay	TBO	Ontario,Canada	48.6473N	89.4083W	468	From 1987-01-23
Thunder Mountain BC	THMB	British Columbia	52.5489N	124.1323W	1126	From 2006-08-27
Tianjin	TIE	Hebei,China	39.1333N	117.2670E	20	
Tianshui	TNH	Gansu,China	34.5783N	105.7520E		
Tiarei	TIAR	Society Islands,French Polynesia	17.5578S	149.3458W	300	
Tiaret	ETRTR	Algeria	35.3900N	1.3000E	1221	
Tiberkul'	TBRR	Krasnoyarskiy Krai	53.8832N	93.7438E	400	From 2004-06-08
Ticuantepe	TICN	Nicaragua	12.0335N	86.2317W	400	
Tiendilla	TLLA	Costa Rica	10.0045N	83.7737W	2677	
Tierras Morenas	AR3	Costa Rica	10.5869N	85.0350W	760	
Tignish, PEI	TIGG	Prince Edward Island	47.0015N	63.0091W	8	From 2005-09-29 to 2007-11-05
Tigre	TIG	Costa Rica	9.0367N	83.2960W	690	From 1989-01-01
Tihany	TIH	Hungary	46.9000N	17.8930E	187	From 1987-01-01 to 1988-12-31
Tijuco Alta	RSTA	Parana,Brazil	24.6508S	49.0327W	248	From 1992-01-01
Tiksi	TIXI	Sakha,Russia	71.6490N	128.8665E	50	
Tiksi	TIK	Sakha,Russia	71.6333N	128.8667E	41	
Tilbrook Grange	KTG1	England,United Kingdom	52.3264N	0.4019W	83	From 1988-01-01
Tilichiki	TILR	Kamchatskaya Oblast'	60.4310N	166.0560E	40	From 2005-05-02
Tillmans-Whites Bay	TWB	South Carolina,U.S.A.	33.1147N	80.1030W	9	From 1988-03-01
Timbaki Heraklio	TMBK	Crete	35.0722N	24.7660E	17	From 2006-03-01
Timbered Crater	LTIM	California,U.S.A.	41.1761N	121.4888W	1156	
Timberline	TIMB	Oregon	45.3356N	121.7101W	1901	From 2006-09-29
Timber Mountain	TIMN	Nevada,U.S.A.	37.0836N	116.4440W	2190	From 1975-10-01
Timber Mountain	TIMR	Nevada,U.S.A.	37.0354N	116.3853W	1788	From 1982-02-19 to 2002-10-10
Timber West Blakeney	TWBB	British Columbia,Canada	48.5846N	124.0920W	122	
Timber West Granite	TWGB	British Columbia,Canada	48.6076N	124.2559W	127	
Timber West Koksilah	TWKB	British Columbia,Canada	48.6449N	123.7332W	128	
Timber West San Juan	TSJB	British Columbia,Canada	48.6013N	123.9885W	378	
Timisoara	TIM	Romania	45.7366N	21.2208E	88	From 1943-01-01
Timmins Ontario	TIMO	Ontario	48.4659N	81.3032W	392	From 2005-07-25
Timpagrande	TIP	Italy	39.1786N	16.7583E	815	
Tinaroo	TINA	Queensland,Australia	17.1761S	145.5304E	767	
Tin City	TCY	Alaska,U.S.A.	65.5663N	167.9558W	72	
Tin City	TNA	Alaska,U.S.A.	65.5606N	167.9239W	74	From 1976-08-01
Tinemaha	TIN	California,U.S.A.	37.0550N	118.2280W	1195	From 1929-09-04
Tinghir	MTNG	Morocco	31.4160N	5.5660W	550	From 1993-04-10
Tinkers Knob	TNK	California,U.S.A.	39.2675N	120.2360W	2438	From 1973-04-01
Tin Mountain	TMO	California,U.S.A.	36.8048N	117.4035W	2170	From 1978-11-28
Tintock	TIWZ	North Island	40.7778S	175.8855E	559	From 2006-05-03
Tiouine	TIO	Morocco	30.9267N	7.2617W	1335	From 1969-01-01
Tipaza	ATPZ	Algeria	36.5300N	2.3100E	156	
Tipaza	ATIP	Algeria	36.8833N	2.5000E	0	
Tippipah	TP-	Nevada,U.S.A.	37.2003N	116.2260W	2256	From 1961-12-06 to 1961-12-16
Tippipah	TP-NV	Nevada,U.S.A.	37.2003N	116.2261W	2256	
Tiptonville	TIPT	Tennessee,U.S.A.	36.4238N	89.4861W	88	
Tiptonville	DY3	Tennessee,U.S.A.	36.4430N	89.5069W	87	From 1969-01-01 to 1972-12-31
Tiputa	TPT	Tuamotu,French Polynesia	14.9844S	147.6200W	3	
Tirane	TIR	Albania	41.3477N	19.8650E	247	From 1968-09-01
Tirgusor	TIRR	Romania	44.4581N	28.4128E	77	
Tishomingo	TO-OK	Oklahoma,U.S.A.	34.3564N	96.5681W	259	From 1961-11-20 to 1962-06-09
Tishomingo	TO-	Oklahoma,U.S.A.	34.3564N	96.5681W	259	From 1961-11-20 to 1962-06-09
Tissa	TIS	Morocco	31.8920N	6.5540W	1687	
Tito	TITE	Italy	40.5546N	15.6926E	660	
Tjoern	TJOU	Sweden	58.0320N	11.6250E	40	From 2006-10-24
Tkibuli	TKB	Georgia	42.3511N	42.9947E	603	From 1970-01-01
Tkibuli	TKI	Georgia	42.3500N	43.0000E	320	
tl_alroos	ROOS	Syria	34.1694N	37.2891E	843	From 2004-01-01
Tlapa	TPG	Guerrero,Mexico	17.5607N	98.5555W	1100	
Tlaxiaco	TXO	Oaxaca,Mexico	17.2817N	97.6817W	2025	
Tlemcen	TEC	Algeria	34.8500N	1.2833W		
Tlemcen	OTLM	Algeria	34.8800N	1.3500W	801	
T-Link Ranch, Clifton	Z19A	Arizona,U.S.A.	33.2921N	109.2657W	1397	From 2007-04-03
TMO PEDROTE	TIOV	Venezuela	10.4385N	66.4146W	830	From 2005-11-01
Tnine Yamani	TSY	Morocco	35.3728N	5.9700W		
Toaza	TOAZ	Ecuador	0.1790S	78.6155W	4200	
Tobago	TOB	Trinidad and Tobago	11.1410N	60.8410W	15	From 1977-05-01 to 1999-08-25
Tobarra	ETOB	Spain	38.6447N	1.5478W	855	
Tobermory, Bruce Peninsula National Park	TOBO	Ontario,Canada	45.2257N	81.5234W	169	
Tobishima	TBS	Akita,Japan	39.1920N	139.5560E	45	
Tobi-shima	TGBT	Akita,Japan	39.1900N	139.5500E	20	
Tobi-shima	JTB	Yamagata,Japan	39.1953N	139.5573E	50	
Tobruq	LTBQ	Libya	32.0557N	23.9210E	139	
Tocklai	TOC	Assam,India	26.7500N	94.7667E	87	
Toconce	TCN	Antofagasta,Chile	22.2750S	68.1717W	3300	
Tocopilla	TCP	Antofagasta,Chile	22.1231S	70.2106W	10	
Tocopilla	TPL	Antofagasta,Chile	22.0978S	70.2094W	40	
Tocota	PP05	Peru	15.6555S	74.0865W	1005	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Todoroki	TDR	Wakayama,Japan	34.1597N	135.3070E	50	
Todzha	TDJR	Tyva,Russia	52.4000N	96.1000E	1000	
Togane	TOG	Chiba,Japan	35.5500N	140.3670E	9	
Tokai 1	TK01	Shizuoka,Japan	33.7650N	137.5900E	-2202	From 1979-09-01
Tokai 2	TK02	Shizuoka,Japan	33.9467N	137.7570E	-1542	From 1979-09-01
Tokai 3	TK03	Shizuoka,Japan	34.1650N	137.9650E	-817	From 1979-09-01
Tokai 4	TK04	Shizuoka,Japan	34.3850N	137.8750E	-722	From 1979-09-01
Tokat	TOKA	Turkey	40.3232N	36.4783E	679	From 2007-12-10
Tokat	TOKT	Turkey	40.3203N	36.5448E	726	From 1996-01-30
Tokmak	TTK	Turkey	39.7650N	28.0450E	430	From 1983-06-01 to 1987-01-31
Tokmak	TKMK	Kazakhstan	42.8601N	75.3184E	960	
Tokmak	BTOK	Turkey	39.7617N	28.0311E	407	
Tokmak 2	TKM2	Kazakhstan	42.9208N	75.5966E	2020	From 2003-10-20
Tok Microwave	TMW	Alaska,U.S.A.	63.3245N	142.9970W	495	From 1986-01-01
Tokunoshima	JTK	Ryukyu Islands,Japan	27.7857N	128.9505E	170	
Tokushima	JTK	Tokushima,Japan	34.0650N	134.5770E	2	
Tokushima 2	TKSJ	Tokushima,Japan	33.9833N	134.0480E	180	
Tokuyama	TKJD	Gifu,Japan	35.6919N	136.4777E	400	
Tokyo	TOK	Tokyo,Japan	35.6867N	139.7583E	-285	
Toledo	NE17	Spain	39.8814N	4.0486W	480	From 1933-01-01 to 1992-10-31
Toledo	H02A	Oregon,U.S.A.	44.6764N	123.9997W	209	From 2005-11-15 to 2008-01-23
Toledo	TOL	Spain	39.8814N	4.0486W	480	From 1933-01-01 to 1992-10-31
Toledo BPA CREST BB SMO	TOLO	Oregon	44.6219N	123.9225W	21	From 2001-10-23
Toledo HGLP	TLO	Spain	39.8600N	4.0147W	465	From 1971-08-01 to 1978-09-17
Tolfa	TOLF	Italy	42.0641N	12.0002E	371	From 2002-10-01
Tolicha Peak	TI-NV	Nevada,U.S.A.	37.2853N	116.8669W	1524	
Tolicha Peak	TPK	Nevada,U.S.A.	37.2686N	116.8040W	2080	From 1979-06-11 to 1982-12-31
Tolimla	TOLC	Colombia	4.5888N	75.3399W	2516	From 1994-01-01
Tolmezzo	TLM	Italy	46.4014N	13.0144E	322	
Tololo Astronomical Observatory	TLL	Coquimbo,Chile	30.1672S	70.8045W	2200	From 1970-01-01
Tolsona	TOA	Alaska,U.S.A.	62.1048N	146.1720W	909	From 1971-09-15 to 2004-08-19
Tolsta	RTO	Scotland,United Kingdom	58.3778N	6.2092W	74	From 1995-09-10
Toltan Ranch, Big Piney	K18A	Wyoming,U.S.A.	42.6372N	110.0417W	2129	From 2007-11-06
Tolt Reservoir	C05A	Washington,U.S.A.	47.6947N	121.6895W	541	From 2005-11-29 to 2008-02-21
Tolt Reservoir	TTW	Washington,U.S.A.	47.6946N	121.6889W	542	
Tomahawk	TM-WS	Wisconsin,U.S.A.	45.4919N	89.5031W	488	
Tomahawk	TM-	Wisconsin,U.S.A.	45.4919N	89.5031W	488	
Tomahawk Gully	TMP	South Island,New Zealand	44.3150S	170.1200E	720	From 1975-01-01 to 2003-08-15
Tomakomai	TMR	Iburi,Japan	42.6333N	141.5830E	8	
Tomaes Bay	NTBM	California,U.S.A.	38.2478N	122.9310W	128	
Tomamai	TOI	Rumoi,Japan	44.2212N	141.6837E	40	
Tomar	PTOM	Portugal	39.6180N	8.4107W	210	
Tom, Dick, Harry Mountain	TDH	Oregon,U.S.A.	45.2898N	121.7900W	1541	From 1982-09-01
Tomie	TOM	Nagasaki,Japan	32.6083N	128.7650E	28	
Tonalea, Kykotsmovi	V17A	Arizona,U.S.A.	35.6218N	110.7938W	1596	From 2008-02-14
Tonantzintla	IIT	Puebla,Mexico	19.0210N	98.3080W	2205	
Tonasket	TK-WA	Washington,U.S.A.	48.7939N	119.5878W	549	From 1963-08-21 to 1964-05-17
Tonasket	TK-	Washington,U.S.A.	48.7939N	119.5878W	549	From 1963-08-21 to 1964-05-17
T'onet'i	TNTG	Georgia	41.6600N	44.4100E	120	
Tongareva I.	TG-	Cook Islands	9.0600S	158.0356W	3	From 1962-04-30 to 1962-11-04
Tongareva Island	TG-IS	Cook Islands	9.0600S	158.0356W	3	From 1962-04-30 to 1962-11-04
Tongariro	TON	North Island,New Zealand	39.2028S	175.5380E	1120	From 1952-10-01 to 1966-04-30
Tongatapu	TNGT	Tonga	21.1500S	175.1830W	10	
Tongue	OTO	Scotland,United Kingdom	58.4953N	4.3940W	338	From 1995-09-21
TONGYEONG	KSTOY	South Korea	34.8454N	128.4356E	32	From 2006-12-30
Tonnelyny	TNL	Buryatiya,Russia	56.2800N	113.3600E	820	
Tonopah	TPH	Nevada,U.S.A.	38.0750N	117.2225W	1883	From 1961-09-01
Tonopah	R09A	Nevada,U.S.A.	38.2397N	117.0718W	1759	From 2006-06-10 to 2008-03-22
Tonopah	TPV	Nevada,U.S.A.	38.0658N	117.2280W	1890	From 1965-01-01 to 1970-12-31
Tonopah	TNP	Nevada,U.S.A.	38.0820N	117.2180W	1932	From 1963-10-11
Tonopah Range, Tonopah	S10A	Nevada,U.S.A.	37.9230N	116.5948W	1796	From 2007-01-22
Tonto Forest Array	TFO	Arizona,U.S.A.	34.2678N	111.2700W	1492	From 1963-01-01 to 1975-03-31
Tonto Hills Observatory	THO	Arizona,U.S.A.	33.8753N	111.8740W	1134	From 1973-02-04 to 1974-07-31
Toogoolawah	WTGO	Queensland,Australia	27.1458S	152.3330E	130	From 1977-03-18
Toolangi	TOO	Victoria,Australia	37.5714S	145.4910E	604	From 1962-01-01
Toone Canyon	TCUT	Utah,U.S.A.	41.1178N	111.4085W	2320	From 1989-08-01
Toowoomba	WOOM	Queensland,Australia	27.5441S	151.9720E	759	
Topalu	TLB	Romania	44.5858N	28.0420E	60	
Tophouse	THZ	South Island,New Zealand	41.7638S	172.9040E	760	From 1989-11-30
Topkok	TKK	Alaska,U.S.A.	64.5558N	163.9970W	122	
Topo	TOPO	Azores,Portugal	38.5910N	27.9190W	645	
Topolobampo	TPB	Sinaloa,Mexico	25.5967N	109.0530W	25	
Topolovo	TOP	Kamchatskaya Oblast',Russia	53.2300N	158.0410E	200	
Topopah Spring	TPNV	Nevada,U.S.A.	36.9488N	116.2490W	1600	From 1992-06-15
Toppenish Ridge	TRW	Washington	46.2921N	120.5431W	723	From 1994-10-14
T or C	TC-	New Mexico,U.S.A.	33.1842N	107.4617W	1524	From 1961-12-20 to 1962-05-03
Tordeillas	TORR	Spain	36.9723N	4.0743W	1321	
Torete	ETOR	Spain	40.8194N	2.0552W	1018	From 1988-03-01
Torino	TNO	Italy	45.0588N	7.6969E	260	From 1971-05-06
Tori shima	TOR	Bonin Islands,Japan	30.4817N	140.3050E	82	
Tornquist	TRQA	Argentina	38.0567S	61.9795W	501	
Torny	TORN	Switzerland	46.7736N	6.9586E	760	
Torococo	TORV	Venezuela	9.5600N	70.2300W	1250	
Torodi Ar. Beam	TORD	Niger	13.1477N	1.6947E	2143	
Torodi Ar. Site	TOC6	Niger	13.1483N	1.6655E	2256	
Torodi Ar. Site	TOA0	Niger	13.1477N	1.6947E	2143	
Torodi Ar. Site	TOA1	Niger	13.1529N	1.6919E	2202	
Torodi Ar. Site	TOA2	Niger	13.1477N	1.7004E	2163	
Torodi Ar. Site	TOA3	Niger	13.1422N	1.6933E	2168	
Torodi Ar. Site	TOB1	Niger	13.1613N	1.6934E	2314	
Torodi Ar. Site	TOB2	Niger	13.1532N	1.7071E	2164	
Torodi Ar. Site	TOB3	Niger	13.1376N	1.7042E	2158	
Torodi Ar. Site	TOB4	Niger	13.1386N	1.6838E	2264	
Torodi Ar. Site	TOB5	Niger	13.1536N	1.6806E	2185	
Torodi Ar. Site	TOC1	Niger	13.1721N	1.7017E	2333	
Torodi Ar. Site	TOC2	Niger	13.1568N	1.7204E	2218	
Torodi Ar. Site	TOC3	Niger	13.1370N	1.7205E	2143	
Torodi Ar. Site	TOC4	Niger	13.1216N	1.6994E	2317	
Torodi Ar. Site	TOC5	Niger	13.1282N	1.6751E	2315	
Torodi Ar. Site	TOC7	Niger	13.1638N	1.6787E	2246	
Toronto	TNT	Ontario,Canada	43.6667N	79.4000W	111	From 1897-01-01 to 1942-12-31
Toronto--Leslie Street Spit	TORO	Ontario,Canada	43.6136N	79.3433W	80	From 2004-05-04
Torre del Filo	ETFI	Sicily,Italy	37.7367N	15.0012E	2900	From 1994-10-01
Torre vieja	EXTO	Spain	37.9920N	0.6890W	25	
Torsby	TBY	Sweden	60.0790N	12.8300E	285	From 1978-01-01
Torshavn	FTO	Faeroe Islands	62.0199N	6.8274W	200	
Tortola	TBVI	Virgin Islands	18.4100N	64.6100W	100	
Tortoreto Alta	TRTR	Italy	42.8081N	13.9138E	160	From 2006-11-15
Tortuguero	TRTC	Costa Rica	10.5753N	83.7135W	105	From 1996-01-01
Tory Channel	TCW	South Island,New Zealand	41.2133S	174.2760E	150	From 1977-03-28
Tosashimizu	JTO	Kochi,Japan	32.8597N	132.8022E	180	
Tosontsengel	TSC	Mongolia	48.7700N	98.2500E	1450	
Tosya	TOS	Turkey	41.0360N	34.0230E	1046	
TOTAH	TOTH	Syria	33.3613N	36.4283E	696	From 2004-01-01
Tottori	TOTJ	Tottori,Japan	35.4783N	134.2720E	27	From 1979-01-01
Tottori	TOT	Tottori,Japan	35.4850N	134.2400E	18	
Tottori	TTT	Tottori,Japan	35.5147N	134.2378E	10	
Toulon	O07A	Nevada,U.S.A.	40.1614N	118.8772W	1203	From 2006-03-01 to 2008-03-19
Toux Ste Croix	TCF	Limousin,France	46.2881N	2.2100E	593	
Toumodi	TIC	Ivory Coast	6.6447N	5.0200W	263	From 1967-06-01
Tounfite	TNF	Morocco	32.5300N	5.3190W	2250	From 1993-01-01
Tounfite	TFT	Morocco	32.0580N	5.2670W	0	
Touzarine	TOU	Morocco	34.9620N	3.7540W	1126	From 1993-01-01
Tovanakuss	ETV	New Britain,Papua New Guinea	4.2062S	151.6677E	30	
Tower One	TOW	California,U.S.A.	35.8090N	117.7640W	684	
Townsend	TSTN	Tennessee,U.S.A.	35.6766N	83.7040W	341	
Townsville	TVL	Queensland,Australia	19.2617S	146.7680E	5	
Townsville Hrock	TV1	Queensland,Australia	19.2614S	146.7953E	123	
Townsville Softrock	TV2	Queensland,Australia	19.2921S	146.7833E	20	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Toyama	TOY	Toyama,Japan	36.7067N	137.2050E	10	
Toyohashi	TYH	Aichi,Japan	34.7626N	137.4701E	76	
Toyohira	JHT	Hiroshima,Japan	34.6625N	132.4210E	470	
Toyone	TYNN	Aichi,Japan	35.1329N	137.6696E	650	
Toyooka	TYK	Hyogo,Japan	35.5333N	134.8250E	4	
Toyota	JTY	Yamaguchi,Japan	34.2627N	131.0645E	120	
Trabzon	TBZ	Turkey	40.9944N	39.7761E	57	From 1976-07-10 to 1999-08-25
Trabzon	MACK	Turkey	40.9432N	39.7686E	611	From 2005-08-06
Trabzon	KTUT	Turkey	40.9870N	39.7667E	171	From 2006-08-17
Tracy	TY-MN	Minnesota,U.S.A.	44.3458N	95.5197W	351	
Tracy	TY-	Minnesota,U.S.A.	44.3458N	95.5197W	351	
Tradedollar Lake	TDL	Washington,U.S.A.	46.3508N	122.2160W	1400	
Trail	TRH	Hawaii,U.S.A.	19.4152N	155.5490W	3207	
Trail Creek	YTC	Wyoming,U.S.A.	44.2965N	110.2320W	2360	
Trail Mountain	TMUT	Utah,U.S.A.	39.2965N	111.2082W	2733	
Tram Tau	TTVN	Vietnam	21.4720N	104.3570E	50	From 2003-01-01
Tranquillity	TQTN	Tennessee,U.S.A.	35.5160N	84.7258W	260	
Tranquitos	TSA	Salta,Argentina	22.3889S	63.7753W	425	
Trapper Creek	TRAP	Alaska,U.S.A.	62.3350N	150.2440W	127	
Trask Mountain	TKO	Oregon,U.S.A.	45.3713N	123.4540W	1024	From 1991-08-20
Traveller	TRWZ	North Island,New Zealand	41.3997S	175.6878E	344	From 2005-06-23
Travnik	TRA	Bosnia-Herzegovina	44.2167N	17.6833E		
Trebinje	TREB	Bosnia-Herzegovina	42.7170N	18.3500E	300	From 2004-06-29
Trelew	TRWA	Chubut,Argentina	43.2652S	65.3773W	0	
Tremp	CTRE	Spain	42.3242N	0.7736E	1318	From 2006-07-01
Trente	TRE	Italy	39.2833N	16.3167E	534	
Tres Cuevas	TTX	Texas,U.S.A.	29.3164N	103.7180W	1006	
Tres Palos	PALV	Venezuela	10.4489N	71.6299W	1	
Tres Piedras	TD-	New Mexico,U.S.A.	36.6556N	106.1717W	2926	From 1963-08-22 to 1963-11-26
Tres Piedras	TD-NM	New Mexico,U.S.A.	36.6556N	106.1717W	2926	From 1963-08-22 to 1963-11-26
Tres Rios	TRRB	Rio de Janeiro,Brazil	22.1541S	43.1955W	222	
Trest	TREC	Czech Republic	49.2948N	15.4871E	559	From 2005-07-12
Tretes	TRT	Jawa,Indonesia	7.7040S	112.6350E		
Trevarresse	TREF	Provence-Cote d'Azur,France	43.6242N	5.3838E	460	
Triviso	TRV	Italy	45.6667N	12.1833E	14	
Trwern Hill	HTR	Wales,United Kingdom	52.0790N	3.2697W	329	From 1982-01-01
T'rialet'i	TRLG	Georgia	41.5500N	44.0150E	1550	
Triangle-X Ranch	TRXW	Wyoming,U.S.A.	43.7493N	110.5634W	2256	From 1986-01-01
Trieste	TRI	Italy	45.7089N	13.7642E	161	From 1963-07-29
Trieste	TTE	Italy	45.6460N	13.7620E	3	From 1989-01-01
Trieste (CM)	TRS	Italy	45.6428N	13.7539E	8	
Trig B	TBC	South Island,New Zealand	45.1464S	169.3303E	619	
Trig L	TLC	South Island,New Zealand	45.1913S	169.0713E	1393	
Trims Highway	THY	Alaska,U.S.A.	63.4167N	145.7520W	732	From 1986-01-01
Trinidad	T25A	Colorado,U.S.A.	37.1388N	104.4108W	2017	From 2008-05-25
Trinidad (USA)	TDC	Colorado,U.S.A.	37.2536N	104.3350W	1750	From 1970-01-01 to 1972-11-30
Trinidad (USA)	TJC	Colorado,U.S.A.	37.2169N	104.6910W	2103	
Trinidad (W)	TRN	Trinidad and Tobago	10.6480N	61.4030W	24	From 1959-08-06
Trinity Mountain	TYI	Idaho,U.S.A.	43.6000N	115.4520W	2613	
Trinity Point	TPOR	Oregon,U.S.A.	45.0244N	117.0860W	2000	From 1991-09-01
Triple J Farms, Joplin	A17A	Montana,U.S.A.	48.9448N	110.6994W	973	From 2007-11-17
Tripoli	LTRP	Libya	32.8447N	13.1633E	83	
Tripped Ranch	TPRS	California,U.S.A.	34.0888N	118.5870W	-1	From 1985-11-01
Tristan da Cunha	TRIS	Tristan da Cunha	37.0682S	12.3152W	55	
Tristan de Cunha	TDC1	Tristan da Cunha	37.0716S	12.3096W		
Trivandrum	TRVM	Kerala,India	8.5080N	76.9585E	30	
Trivandrum	TRD	Kerala,India	8.5080N	76.9585E	64	From 1966-08-15
Trivento	TRIV	Italy	41.7666N	14.5502E	598	From 2005-03-17
Trois llets	TRMF	Martinique	14.5363N	61.0512W	78	
Trois Rivières	FBG	Guadeloupe	15.9797N	61.6478W	185	
Trois Rivières	TVG	Guadeloupe	15.9797N	61.6478W	185	
Tromm	TOD	Hessen,Germany	49.6059N	8.8038E	568	From 1974-10-01
Tromso	TRO	Norway	69.6325N	18.9281E	15	From 1993-08-06
Trondheim	TRON	Norway	63.4545N	10.4363E	34	
Tropico Hills	TPO	California,U.S.A.	34.8788N	118.2280W	799	
Trotters	TS-	North Dakota,U.S.A.	47.1069N	103.6731W	816	From 1964-10-02 to 1965-05-14
Trotters	TS-ND	North Dakota,U.S.A.	47.1069N	103.6731W	816	From 1964-10-02 to 1965-05-14
Trough	VTHM	Oregon,U.S.A.	45.1812N	120.5610W	773	
Trough Springs	GTSM	California,U.S.A.	39.3117N	122.6030W	1103	
Trout Creek	C12A	Montana,U.S.A.	47.7039N	115.4811W	782	From 2006-09-22 to 2006-12-03
Trout Creek Butte	VTCM	Oregon,U.S.A.	44.9137N	121.6660W	1690	
Trout Gulch Road	JTGM	California,U.S.A.	37.0285N	121.8760W	253	From 1975-10-02
Trout Lake	TT-	Michigan,U.S.A.	46.2097N	85.1678W	259	
Trout Lake	TT-MI	Michigan,U.S.A.	46.2097N	85.1678W	259	
Troy	TRY	New York,U.S.A.	42.7311N	73.6669W	131	From 1960-01-01
Troy Canyon	TRCR	Nevada,U.S.A.	38.3497N	115.5852W	1815	
Troy Canyon, Currant	R11A	Nevada,U.S.A.	38.3489N	115.5854W	1756	From 2007-02-09
Trozza	TROT	Tunisia	35.5617N	9.6002E	900	
Trude Siding	YPTS	Idaho,U.S.A.	44.4623N	111.3525W	1926	
Truellikon	TRULL	Switzerland	47.6487N	8.6816E	525	
Trujillo	TRP	Peru	8.0780S	78.8610W		
Trujillo	TUV	Venezuela	9.3510N	70.4510W	0	
Truk	TRU	Caroline Islands,Micronesia	7.4458N	151.8560E	107	From 1949-03-01 to 1999-08-25
Truth or Consequences (T or C)	TC-NM	New Mexico,U.S.A.	33.1842N	107.4617W	1524	From 1961-12-20 to 1962-05-03
Tryon Peak	TRYN	North Carolina,U.S.A.	35.2460N	82.2670W	915	From 1983-03-22
Tsaile	TSL	Arizona,U.S.A.	36.3722N	109.2440W	2012	From 1975-05-22 to 1999-08-25
Tsaishi	ZSH	Georgia	42.4280N	41.8061E	45	From 1984-01-01
Tsauling	CHN5	Taiwan region	23.5970N	120.6780E	840	
Tsausshan	CHN4	Taiwan region	23.3510N	120.5930E	205	
Tsebel'da	TSE	Georgia	43.0167N	41.2833E	430	
Tsetserleg	TTS	Mongolia	47.4800N	101.4400E	1760	
Tsey	ZEI	Severo-Osetinskaya	42.7700N	43.8984E	2100	
Tsim Bei Tsui	THK	Hong Kong,China	22.4878N	114.0090E	4	
Tsina	TSIM	Alaska,U.S.A.	61.2262N	145.3370W	1113	
Tsipikan	ZIP	Buryatiya,Russia	54.9000N	113.3000E		
Tsirik	CIRR	Kamchatskaya Oblast',Russia	56.1153N	160.7481E	1420	
Tsit'eli Tsqaro	ZTZ	Georgia	41.4600N	46.1100E	800	
Tsokhamarg	TSOZ	Armenia	40.9500N	43.8670E	1970	
Tsu	TSU1	Mie,Japan	34.7300N	136.5233E	18	
Tsu	TSU	Mie,Japan	34.7017N	136.5180E	4	
Tsu 2	TSUJ	Mie,Japan	34.7097N	136.4193E	30	From 1988-03-19
Tsukechi	TKC	Gifu,Japan	35.6534N	137.4662E	690	
Tsukuba	TSK	Ibaraki,Japan	36.2108N	140.1100E	280	From 1966-04-01
Tsumeb	TSUM	Namibia	19.2022S	17.5838E	1240	From 1994-09-01
Tsuna	JA,J2	Hyogo,Japan	34.4192N	134.8850E	85	
Tsuna	TNAK	Hyogo,Japan	34.4180N	134.8849E	90	
Tsuno	JTSN	Miyazaki,Japan	32.2455N	131.5045E	130	From 1997-03-01
Tsuruga	TSR	Fukui,Japan	35.6500N	136.0650E	2	
Tsuruga	TSRJ	Fukui,Japan	35.5367N	135.9830E	47	From 1978-01-01
Tsurugi yama	TSS	Tokushima,Japan	34.0417N	134.1700E	57	
Tsushima	JTU	Nagasaki,Japan	34.5243N	129.3987E	70	
Tsuyama	TUY	Miyagi,Japan	38.3900N	141.2200E		
Ttatey	JTT	Toyama,Japan	36.6050N	137.3333E	236	
Tuai	TUA	North Island,New Zealand	38.8081S	177.1510E	274	From 1932-09-01 to 1988-03-09
Tual	TLE	Irian Jaya,Indonesia	5.6373S	132.7373E	113	
Tuamarina	TUWZ	South Island,New Zealand	41.4312S	173.9429E	107	From 2004-05-05
Tuan Giao	TGV	Vietnam	21.5898N	103.4182E	0	From 1996-01-01
Tuapeka	TUZ	South Island,New Zealand	45.9561S	169.6320E	110	From 1991-04-04
Tuba City	U16A	Arizona,U.S.A.	36.1428N	111.1297W	1544	From 2007-05-18
Tubingen	TUB	Baden-Wuerttemberg,Germany	48.5269N	9.0611E	330	From 1933-01-01 to 1971-12-31
Tubuai	TBI	Tubuai,French Polynesia	23.3489S	149.4608W	20	From 1976-01-01
Tuckaleechee Caverns	TKL	Tennessee,U.S.A.	35.6580N	83.7740W	350	From 1978-07-30
Tucson	TUC	Arizona,U.S.A.	32.3097N	110.7840W	906	From 1962-12-17
Tucson Desert	TDM	Arizona,U.S.A.	32.2442N	111.1690W	866	From 1978-12-22
Tucson Observatory	TUO	Arizona,U.S.A.	32.2467N	110.8350W	770	From 1909-01-01
Tucson--Telemeter	TUT	Arizona,U.S.A.	32.3350N	110.7230W	1439	From 1958-01-05 to 1962-01-31
Tucuman	TCM	Tucuman,Argentina	26.8000S	65.2000W	475	
Tuebingen-Lennartz	TUBL	Baden-Wuerttemberg,Germany	48.5227N	9.0829E	215	From 2002-11-01
Tuguegarao	TLP	Luzon,Philippines	17.6523N	121.7600E		

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Tugumak	WTUG	Alaska,U.S.A.	54.8477N	164.3858W	457	
Tuhingamata	TUTZ	North Island,New Zealand	38.7117S	175.9910E	614	
Tuis	TUI	Costa Rica	9.8417N	83.5573W	1300	From 1986-01-01 to 1991-12-10
Tukino	TUVZ	North Island,New Zealand	39.2692S	175.6536E	1410	From 1984-03-17
Tuktoyaktuk	TKT	Northwest Territories,Canada	69.4325N	132.9960W	3	From 1982-07-28 to 1984-07-11
Tuktoyaktuk	TUK	Northwest Territories,Canada	69.4400N	133.0280W	10	From 1980-12-02 to 1982-07-20
Tulancingo	TLX	Hidalgo,Mexico	20.0375N	98.4361W	2250	
Tulbagh	TUH	Cape Province,South Africa	33.2967S	19.1500E	190	
Tulsa	TUL	Oklahoma,U.S.A.	35.9106N	95.7925W	261	From 1961-07-01
Tulsa	TUL1	Oklahoma,U.S.A.	35.9106N	95.7925W	247	From 2002-09-01
Tulsa	TSO	Oklahoma,U.S.A.	36.1482N	95.8979W	210	From 1973-02-01 to 1974-04-29
Tu Ly	TLV	Vietnam	20.8790N	105.2600E	80	From 2002-05-01
Tumaco	TUMC	Colombia	1.8355N	78.7256W	50	
Tumbaco	QUT	Ecuador	0.2022S	78.3922W	2345	
Tumnok	TUMR	Kamchatskaya Oblast',Russia	55.2830N	160.1460E	1213	From 2003-07-12
Tumwater	TUM	Washington,U.S.A.	47.0150N	122.9080W	20	From 1958-05-01
Tunceli	TNC	Turkey	39.1083N	39.5533E	1003	From 1973-09-14
Tunduma	TDMT	Tanzania	9.2962S	32.7712E	1590	From 1992-06-17
Tunel del Cadi	CADI	Spain	42.3402N	1.8412E	1207	
Tungkwan	TUWA	Gansu	34.6167N	110.2833E	0	From 1955-01-01
Tungshih	TWQ	Taiwan region	24.2747N	120.8360E	443	From 1972-09-08
Tungsten Hills	MTUM	California,U.S.A.	37.3533N	118.5640W	1810	From 1984-12-15
Tungur	TUNR	Altayskiy Kray,Russia	50.1600N	86.3300E	850	
Tungurahua	TUNG	Ecuador	1.4182S	78.4455W	2774	From 1989-06-01 to 1992-12-30
Tungurahua volcano	BILB	Ecuador	1.4385S	78.4988W	2315	From 2006-08-18
Tungurahua Volcano	BPAT	Ecuador	1.5033S	78.4335W	3725	From 2007-08-01
Tungurahua Volcano	BRUN	Ecuador	1.4210S	78.4117W	2700	From 2007-07-01
Tungurucha	TUG	Amurskaya Oblast',Russia	57.2900N	121.5000E	345	
T'ung-yeun Feng	TYF	Shaanxi,China	34.5000N	109.0670E	365	
Tunis	TUN	Tunisia	36.8000N	10.1333E		
Tunkhannock	TU-PA	Pennsylvania,U.S.A.	41.5714N	76.1367W	366	From 1962-08-02 to 1962-10-05
Tunkhannock	TU-	Pennsylvania,U.S.A.	41.5714N	76.1367W	366	From 1962-08-02 to 1962-10-05
Tuntungan	TSI	Sumatera,Indonesia	3.5008N	98.5645E	0	From 1974-10-01
Tupik	TUP	Chitinskaya Oblast',Russia	54.4250N	119.9539E	650	
Tupiza	TPZ	Bolivia	21.4650S	65.7163W	2960	
Tura	TURI	Meghalaya,India	25.5500N	90.3333E	305	
Turbat	TUR	Kazakhstan	41.7333N	69.6500E		
Turgen	TGN	Kazakhstan	43.3070N	77.6370E	1510	
Turhal	TRHT	Turkey	40.3497N	36.1778E	1190	From 1992-01-01 to 1998-04-01
Turiamo	TURV	Venezuela	10.4500N	67.8400W	58	From 2002-11-14
Turkey Creek	TRK	South Carolina,U.S.A.	33.1222N	79.7778W	10	From 1980-06-25
Turkoglu	TRKT	Turkey	37.3860N	36.8580E	515	From 1998-03-01
Turnbull Canyon	TCC	California,U.S.A.	33.9945N	118.0130W	299	From 1976-11-01 to 1999-08-25
Turner	TRM	Maine,U.S.A.	44.2597N	70.2551W	113	From 1977-01-01 to 1999-01-31
Turner Farm, Oroville	A08A	Washington,U.S.A.	48.9534N	119.2725W	1089	From 2006-09-14 to 2008-05-17
Turnu Rosu	TUU	Romania	45.6525N	24.2731E	519	From 1988-06-15
Turnu Rosu	TNR	Romania	45.6520N	24.2730E	519	From 1989-07-01
Turoa	TRVZ	North Island,New Zealand	39.3003S	175.5481E	2084	From 2005-03-16
Turquoise Mtn.	TUQ	California,U.S.A.	35.4358N	115.9239W	1350	
Turtle Beach	SKTB	St Kitts,Saint Kitts and Nevis	17.2087N	62.6171W	46	From 2003-02-10
Turtle Mountain	TMDA	Alberta,Canada	49.5811N	114.3992W	1541	
Turtle Mountains	TTM	California,U.S.A.	34.3353N	114.8280W	1098	From 1974-04-01
Turunc	TURN	Turkey	36.8729N	28.6029E	28	From 2007-05-21
Turuntaevo	TRTB	Buryatiya,Russia	52.2300N	107.6300E	600	From 1999-08-01
Tuscania	TU1	Italy	42.4186N	11.8744E	166	
Tuscan Springs	LTCM	California,U.S.A.	40.2083N	122.1240W	257	
Tuscarora	TUS	New York,U.S.A.	43.1800N	78.9592W	165	From 1971-06-01 to 1974-03-31
Tutak	TUTA	Turkey	39.4019N	42.8137E	2154	From 2006-09-13
Tuttle Creek Reservoir	TCK	Kansas,U.S.A.	39.3848N	96.7225W	376	From 1977-08-15 to 2001-07-15
Tuxedo	TXNY	New York,U.S.A.	41.1775N	74.1887W	143	From 1990-01-01
Tuyen-Quang	TQV	Vietnam	21.8283N	105.2080E	35	From 1975-07-27
Tuzandepetl	TUIG	Campeche,Mexico	18.0339N	94.4227W	100	
Twentynine Palms	TN-CL	California,U.S.A.	34.1983N	115.9500W	533	From 1962-02-01 to 1962-05-03
Twentynine Palms	TPC	California,U.S.A.	34.1058N	116.0490W	720	From 1972-05-05
Twin Buttes	YPTB	Wyoming,U.S.A.	44.5252N	110.8460W	2219	
Twin Lakes	TWL	California,U.S.A.	34.2783N	118.5940W	390	From 1971-11-01
Twin Peaks	TWN	California,U.S.A.	36.0527N	121.5070W	148	From 1973-12-17 to 1975-09-30
Twin Springs	TSV	Nevada,U.S.A.	38.2017N	116.1750W	1585	From 1965-01-01 to 1972-12-31
Twisselman Ranch	PTRM	California,U.S.A.	35.6547N	120.2110W	643	
Twist	TWAR	Arkansas,U.S.A.	35.3614N	90.5597W	61	
Two Rivers School, Snoqualmie Valley	SVTR	Washington	47.4958N	121.7816W	146	From 2002-09-20
Tymovskoe	TYV	Sakhalinskaya Oblast',Russia	50.8630N	142.6560E	160	From 1969-01-01
Tynda	TNDR	Sakha,Russia	55.1470N	124.7210E	530	From 2001-06-20
Tyneside	TYNO	Ontario,Canada	43.0950N	79.8702W	205	From 1991-07-18
Tyrgan	TRG	Irkutskaya Oblast',Russia	52.7600N	106.3481E	718	
Tyson Valley	TYS	Missouri,U.S.A.	38.5268N	90.5660W	195	From 1974-02-19
Tytingvag	N2B7	Norway	61.8990N	5.0940E	15	
Tytingvag	N2B1	Norway	61.9000N	5.0960E	75	
Uakit	UKT	Buryatiya,Russia	55.4889N	113.6269E	1140	
U Bar Ranch, Lordsburg	120A	New Mexico,U.S.A.	32.5466N	108.6330W	1528	From 2008-02-02
Ubbergen	NE37	Netherlands	51.8351N	5.9050E	30	
Ubonrachathani	UBT	Thailand	15.2456N	105.0183E		From 1993-12-01
Uccle	UCC	Belgium	50.7983N	4.3594E	105	
UC Hastings Reserve, Carmel Valley	HAST	California,U.S.A.	36.3887N	121.5514W	0	From 2004-07-19 to 2007-09-02
Uchkent	UKTR	Dagestan,Russia	43.1139N	47.0806E	120	
Uchtor	UCH	Kyrgyzstan	42.2275N	74.5134E	3850	
U. Connecticut	UCCT	Connecticut,U.S.A.	41.7943N	72.2255W	223	
Uddeholm	UDD	Sweden	60.0900N	13.6067E	240	
Udhampur	UDP	Jammu and Kashmir,India	32.9017N	75.0800E		
Udine	UDN	Italy	46.0650N	13.2367E	100	From 1976-06-01 to 1978-12-31
Udine OGS	UDI	Italy	46.0650N	13.2367E	112	From 1977-06-24 to 1990-05-05
Ueberruh	UBR	Baden-Wurtemberg,Germany	47.6807N	10.1080E	890	From 1994-01-01
Ufa	UFA	Bashkortostan,Russia	54.8000N	56.0000E	0	
Ufford	KUF	England,United Kingdom	52.6175N	0.3894W	35	From 1988-01-01
Ugakei	UGK	Mie,Japan	35.0967N	136.4729E	290	
Ugak Island	UGI	Alaska,U.S.A.	57.3945N	152.2820W	213	
Ugashik Lake	UGL	Alaska,U.S.A.	57.4017N	156.8550W	410	From 1975-10-01 to 1999-08-25
Ugashik Lake	UGL	Alaska,U.S.A.	57.3983N	157.0300W	500	
Uglegorsk	UGL	Sakhalinskaya Oblast',Russia	49.0780N	142.0660E	40	
Uglovaya	UGLR	Kamchatskaya Oblast',Russia	53.2089N	158.8239E	1140	
Ugurusu	URS	Kochi,Japan	33.5376N	133.4890E	25	From 1957-06-01
Uinta Basin Array	UBO	Utah,U.S.A.	40.3217N	109.5690W	1596	From 1970-04-01 to 1973-09-30
Ujela	LUJL	Libya	29.1192N	21.3027E	95	
Uji	UJI	Kyoto,Japan	34.8666N	135.8269E	290	
Ujung Watu	UWJI	Jawa	6.4191S	110.9474E	62	From 2005-01-01
Ukalunda	UKAQ	Queensland,Australia	20.8976S	147.1274E	250	From 1984-03-28
Ukiah	UKA	Oregon,U.S.A.	45.0931N	118.8986W	1311	From 1963-02-08 to 1963-03-01
Ukiah	UKI	California,U.S.A.	39.1372N	123.2110W	199	From 1931-09-01
Ukiah	UK-OR	Oregon,U.S.A.	45.0931N	118.8986W	1311	From 1963-02-08 to 1963-03-01
Ulaanbaatar	ULN	Mongolia	47.8652N	107.0528E	1615	
Ulaangom	ULG	Mongolia	49.9600N	92.0600E	980	
Ulahol	ULHL	Kyrgyzstan	42.2456N	76.2417E	2040	
Ulamona	ULO	New Britain,Papua New Guinea	5.0590S	151.3030E	980	From 1981-12-09
Ulamona	ULA	New Britain,Papua New Guinea	5.0064S	151.2560E	10	
Ulan Bator	OBM	Mongolia	47.9200N	106.9700E	1330	
Ulan-Yde	UUDA	Buryatiya,Russia	51.8670N	107.6630E	600	From 1996-02-01
Ulba	ULBA	Ecuador	1.4493S	78.4077W	2960	
Ulcinj	ULC	Montenegro,Serbia and Montenegro	41.9634N	19.2497E	465	From 1983-12-25
Uljjin	KSULJ	South Korea	36.7021N	129.4084E	77	From 2000-12-18
Ulleungdo	KSULL	South Korea	37.4736N	130.9008E	218	From 1998-04-28
Ulsan	KSULS	South Korea	35.5543N	129.3203E	34	From 2000-03-07
ULSEONG	KSEUS	South Korea	36.3519N	128.6870E	81	From 2000-11-21
Uludag	ULDT	Turkey	40.1422N	29.1361E	1734	From 1996-04-01
Ulyunkhan	YLVR	Buryatiya,Russia	54.8761N	111.1617E	560	
Umaji	UMJ	Kochi,Japan	33.5462N	134.0470E	320	
Umak	AD2	Alaska,U.S.A.	51.9033N	176.0180W	381	From 1974-01-01 to 1992-02-01
Umberatana	UMB	South Australia,Australia	30.2400S	139.1281E	610	From 1967-06-01
Umea	UME	Sweden	63.8150N	20.2367E	16	From 1962-01-25 to 2004-12-23
Umeaa	UMAU	Sweden	63.8829N	20.6779E	20	From 2002-01-13

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Umejima	UMJE	Yamanashi,Japan	35.1928N	138.4979E	250	
Umm Al-Rimmam	UMR	Kuwait	29.5519N	47.7158E	82	
Umm Al-Ruwaisat	RST	Kuwait	29.5003N	46.9972E	218	
Umm Lajj	UMJS	Saudi Arabia	25.2323N	37.3109E	250	
Umm Shaghir	ASHG	Egypt	23.2655N	31.6576E	326	
Umpqua	J02A	Oregon,U.S.A.	43.3654N	123.5747W	136	From 2005-11-16 to 2007-11-29
Umpqua Community College DOGAMI SMO	UMPQ	Oregon	43.2909N	123.0132W	162	From 2005-04-27
Umpqua National Forest, Toketee	J04A	Oregon,U.S.A.	43.2406N	122.1093W	1952	From 2006-10-31 to 2007-10-30
Umtata	UMT	Cape Province,South Africa	31.5833S	28.7550E	800	From 1988-08-01 to 1999-08-25
Unac-Piva	UPM	Montenegro,Serbia and Montenegro	43.2029N	18.9100E	1721	From 2003-07-11
Unalakleet	UNL	Alaska,U.S.A.	63.8933N	160.6870W	91	
Unalaska	UNA	Alaska,U.S.A.	53.8733N	166.5330W		From 1954-04-06 to 1956-09-10
Unalaska Valley	UNV	Alaska,U.S.A.	53.8465N	166.5020W	67	
Unciti	IUNC	Spain	42.7559N	1.4989W	766	From 2005-07-22
Uncukul	UNCR	Dagestan,Russia	42.7139N	46.7944E	650	
Undu Point	UDU	Fiji	16.1521S	179.9880W	170	From 1981-11-01
Union Grove	UGRT	Tennessee,U.S.A.	35.6109N	84.1170W	302	From 1983-11-05
Union Juarez	MUX	Chiapas,Mexico	15.0790N	92.0740W		
Union Valley	UYO	Oklahoma,U.S.A.	34.1667N	94.4588W	231	From 1989-04-15
Unionville	UVN	Nevada,U.S.A.	40.4423N	118.1580W	1926	From 1964-09-13 to 1969-12-31
Unionville	UVN1	Nevada,U.S.A.	40.4500N	118.1500W	1870	
Univ. Columbia	EPMB	British Columbia,Canada	51.0633N	118.5400W	2150	
Univ de Panama	UPD1	Panama	8.5487N	78.0135W	74	
Univ. de Panama@15	UPA	Panama	8.9810N	79.5338W	41	From 1983-08-01
Universidad de Guanajuato	UGO	Jalisco,Mexico	21.0170N	101.2555W		
Universidad de los Andes	UAV	Venezuela	8.6100N	71.1450W	1600	From 1969-08-01
Universidad Nacional Autonoma de Honduras	UNAH	Honduras	14.0750N	87.1750W	1020	
Universidad Nacional Autonoma de Mexico	UNM	Mexico D.F.,Mexico	19.3290N	99.1780W	2257	From 1967-06-04
University Campus, Patras University	UPR	Greece	38.2836N	21.7864E	140	From 2006-04-14
University of Arizona	UOA	Arizona,U.S.A.	32.2331N	110.9530W	741	From 1972-04-01 to 1974-04-30
University of Arkansas, Little Rock	UALR	Arkansas,U.S.A.	34.7751N	92.3429W	138	
University of California, Santa Cruz	JUCM	California,U.S.A.	37.0012N	122.0485W	177	From 1975-01-29
University of California Stadium	CMSB	California,U.S.A.	37.8719N	122.2517W	-72	From 1995-01-01
University of Cincinnati	UOCO	Ohio,U.S.A.	39.1400N	84.5220W	226	
University of Connecticut	UCT	Connecticut,U.S.A.	41.8317N	72.2506W	149	
University of Jordan, Amman	UNJ	Jordan	32.0158N	35.8708E	1050	
University of Michigan	AAMC	Michigan,U.S.A.	42.2780N	83.7360W	250	
University of New Brunswick	UNB	New Brunswick,Canada	45.9462N	66.6442W	64	From 1971-04-01
University of Puget Sound	UPS	Washington,U.S.A.	47.2639N	122.4836W	113	
University of Richmond	URVA	North America,U.S.A.	37.5709N	77.5357W	49	
University of Southern California	USC	California,U.S.A.	34.0192N	118.2860W	17	From 1993-01-01
University of Southern Indiana	USIN	Indiana,U.S.A.	37.9651N	87.6660W	170	
University of Tennessee at Martin	UTMT	Tennessee,U.S.A.	36.3423N	88.8642W	120	
University of Tennessee at Martin	UTM	Tennessee,U.S.A.	36.2900N	88.9410W	108	From 1982-08-12 to 1985-12-31
University of Tennessee at Martin	UTMA	Tennessee,U.S.A.	36.2930N	88.9760W	108	From 1985-11-01
University of Toledo	UTO	Ohio,U.S.A.	41.6590N	83.6180W	178	
University of Toledo	UTO	Ohio,U.S.A.	41.6619N	83.5743W	179	From 1977-12-20
University of Washington Friday Harbor	UWFH	Washington	48.5459N	123.0132W	10	From 2001-08-02
University of Western Ontario	UWOO	Canada	43.0110N	81.2724W	248	
University of Wisconsin at Milwaukee	UWM	Wisconsin,U.S.A.	43.0795N	87.8784W	204	
Unterbreizbach	UBBA	Hessen,Germany	50.8188N	10.0010E	-526	
Unzen dake	UNZ	Nagasaki,Japan	32.7400N	130.2650E	678	
Uoyan	YOA	Buryatiya,Russia	56.1328N	111.7239E	500	
Upernavik	UPNG	Greenland	72.7848N	56.1408W	110	
Upice	UPC	Czech Republic	50.5074N	16.0121E	416	
Upington	UPI	Cape Province,South Africa	28.3620S	21.2527E	845	From 1993-05-01
Upper Baezaekoe River	UBRB	British Columbia	52.8918N	124.0832W	1241	From 2007-10-16
Upper Santa Misericordia	UMS	Luzon,Philippines	13.2480N	123.7320E	330	
Uppsala	UPP	Sweden	59.8583N	17.6267E	14	
'Uqlat as Suqur	UQSK	Saudi Arabia	25.7890N	42.3600E	950	From 1990-05-23
Ura	KV91	Miyazaki,Japan	32.0131N	130.8031E	308	
Urahoro	URH	Tokachi,Japan	42.9270N	143.6744E	120	
Urakawa	URA	Hidaka,Japan	42.1583N	142.7817E	30	
Urakawa 2	URAJ	Hidaka,Japan	42.2247N	142.7050E	40	From 1991-06-07
Urakawa 3	URA3	Hidaka,Japan	42.2428N	142.6672E	30	From 1993-12-10
Urakawa-nobuka	JNBK	Hidaka,Japan	42.2800N	142.7527E	115	From 2002-03-19
Urasca	URSC	Costa Rica	9.8350N	83.7782W	1500	
Ura-Tyube	URT	Tajikistan	39.9167N	69.0167E		From 1970-01-01
Ureshino	JUR	Nagasaki,Japan	33.0932N	129.9490E	160	
Urewera	URZ	North Island,New Zealand	38.2603S	177.1100E	100	From 1990-10-09
Urfa	URFA	Turkey	37.4410N	38.8213E	938	From 2004-12-02
Urgal	URG	Khabarovskiy Kray,Russia	51.0986N	132.3639E	0	
Urkarakh	URKR	Dagestan,Russia	42.1656N	47.6333E	1300	
Urumqi	WMQ	Xinjiang Uygur Zizhiqu,China	43.8211N	87.6950E	897	
Ushuaia	USHU	Tierra del Fuego,Argentina	54.8433S	68.5569W	12	
Ushuaia	USHA	Tierra del Fuego,Argentina	54.8320S	68.4343W	107	
Uspallata	AUSP	Mendoza,Argentina	32.2236S	69.3873W	2502	
Ussuriysk Array	USRK	Primorskiy Kray,Russia	44.2000N	132.0000E	0	
Ussuryisk	USK	Primorskiy Kray,Russia	44.2833N	132.0831E	0	
Ust'-Elagest	UER	Tyva,Russia	51.5630N	94.0870E	660	
Ustica	USI	Sicily,Italy	38.7079N	13.1791E	285	
Ust'-Kan	UKR	Altayskiy Kray,Russia	50.9370N	84.7730E	1100	
Ust'-Maya	USMR	Sakha,Russia	60.4200N	134.5400E	170	
Ust'-Nera	UNR	Sakha,Russia	64.5700N	143.2283E	485	
Ust'-Nyukzha	USZ	Amurskaya Oblast',Russia	56.5617N	121.5917E	415	
Ust'-Omchug	USO	Magadanskaya Oblast',Russia	61.1500N	149.6333E		
Usu Kazan Kan	UVO	Iburi,Japan	42.5569N	140.8457E	143	
Usuki	JUS	Oita,Japan	33.0657N	131.7507E	140	
Utah State Capitol	CAPU	Utah,U.S.A.	40.7785N	111.8900W	1384	
Utowana Lake	UWL	New York,U.S.A.	43.8378N	74.5433W	561	From 1974-07-01 to 1981-12-31
Utrecht	NE05	Netherlands	52.0880N	5.1720E	2	From 1982-03-01 to 2001-08-21
Utsunomiya	UTS	Tochigi,Japan	36.5467N	139.8717E	120	
Utsunomiya	UTSU	Tochigi,Japan	36.5470N	139.9170E	110	From 1962-02-01
Utuhina	UTU	North Island,New Zealand	38.1775S	176.1920E	410	From 1986-07-01
Utxeti	IUSE	Spain	42.9469N	1.5478W	870	From 2005-07-22
Uvira	UVI	Congo (Kinshasa)	3.4000S	29.1167E	950	From 1955-01-01
Uwa jima	UWA	Ehime,Japan	33.2250N	132.5580E	44	
Uwa jima 2	UWA2	Ehime,Japan	33.2137N	132.6245E	450	From 1993-02-01
Uwekahuna	UWE	Hawaii,U.S.A.	19.4233N	155.2930W	1240	From 1930-01-01
Uzd	UZD	Hungary	46.5925N	18.5818E	207	From 1987-01-01 to 1993-12-31
Uzhgorod	UZH	Ukraine	48.6310N	22.2930E	160	
Uzumlu	UZU	Turkey	39.7086N	39.6981E	1500	
Uzuto	UZT	Hiroshima,Japan	34.5817N	133.1427E	230	
Vacheresse	OG01	Rhone-Alpes,France	46.3300N	6.6830E	1040	
Vackov	VAC	Czech Republic	50.2354N	12.3772E	530	From 2000-08-30
Vackovec	VACK	Czech Republic	50.1414N	12.4727E	457	
Vacoas (Royal Alfred Observatory)	MRIV	Mauritius	20.2980S	57.4970E	424	From 2007-01-15
Vaenersborg	VANU	Sweden	58.4921N	12.0727E	50	From 2006-07-26
Vaermlandsnaes	NASU	Sweden	58.9278N	13.1862E	50	From 2006-05-10
Vaestervik	VSTU	Sweden	57.6600N	16.5363E	30	From 2002-05-04
Vaexsjoe	VXJU	Sweden	56.9212N	14.9391E	190	From 2002-10-23
Vagar	FVA	Faeroe Islands	62.0757N	7.3520W		
Vaihoa	VAH	Tuamotu,French Polynesia	15.2364S	147.6272W	2	
Vajont	VAJ	Italy	46.2667N	12.3300E	725	
Valandovo	VAY	Former Yugoslav Rep. of Macedonia	41.3211N	22.5701E	168	From 1969-01-01
Valcebollere	VALF	Languedoc-Rousillon,France	42.4018N	2.0173E	1580	From 1998-11-25
Valdeflores	VDF	Oaxaca,Mexico	16.7610N	96.8220W		
Valdez	VLD	Alaska,U.S.A.	61.1175N	146.2640W	61	
Valdez	VLZ	Alaska,U.S.A.	61.1315N	146.3320W	10	From 1971-09-02
Valdez South	VZS	Alaska,U.S.A.	61.0442N	146.3050W	668	From 1972-07-22 to 1976-03-27
Valdez West	VZW	Alaska,U.S.A.	61.0590N	146.5540W	796	From 1972-07-17 to 1998-12-31
Val di Lei	VDL	Switzerland	46.4865N	9.4698E	1900	From 1982-01-01
Valdivia	VLCH	Valdivia,Chile	39.8060S	73.2460W	12	
Valdivia	VLV	Valdivia,Chile	39.7900S	73.2764W	12	From 1967-08-01
Val d'Or	VDQ	Quebec,Canada	48.2300N	77.9717W	305	From 1980-12-09
Val d'Or	VLDQ	Quebec,Canada	48.1124N	77.4536W	93	
Val d'Or	VALQ	Quebec,Canada	48.1290N	77.5610W	245	
Valea Ierii	VLR	Romania	46.6542N	23.3547E	1080	From 1982-09-01 to 1989-01-01
Valentia	VAL	Ireland	51.9394N	10.2442W	14	From 1962-10-23

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Valguarnera	VAE	Sicily, Italy	37.4783N	14.4119E	690	
Valinhos	VAO	Sao Paulo, Brazil	23.0022S	46.9658W	840	
Valkenburg	NE15	Netherlands	50.8670N	5.7850E	100	From 1984-06-01 to 2001-07-28
Valle Agricola	VAGA	Italy	41.4154N	14.2342E	795	From 2005-03-15
Valle Caidos	NE12	Spain	40.6420N	4.1550W	1280	From 1983-05-01 to 1985-02-28
Vallecito	CVLM	California, U.S.A.	37.6263N	121.8360W	245	From 1979-11-14
Valle de Guanape	GUAN	Venezuela	9.9575N	65.6478W	1107	From 1984-01-01
Valle D.L. Mare	JVM	Channel Islands, United Kingdom	49.2169N	2.2068W	64	From 1981-01-01
Valle Ferti	AVFE	La Rioja, Argentina	30.6598S	67.4548W	868	
Vallenar	VACH	Coquimbo, Chile	28.5755S	70.7588W	410	
Valley Desolation	DVDT	Dominica	15.3104N	61.3134W	960	
Valley Falls	K06A	Oregon, U.S.A.	42.7991N	120.2510W	1340	From 2006-01-29 to 2007-11-03
Valley of Fire, Overton	U12A	Nevada, U.S.A.	36.4321N	114.5388W	644	From 2006-06-21
Valley Road Site	AVRM	California, U.S.A.	39.0248N	121.2680W	91	From 1976-07-15
Valmikingar	VLK	India	27.3167N	83.8667E		
Valparaiso	VLP	Valparaiso, Chile	33.0258S	71.6411W	88	From 1973-01-01
Valparaiso	UTF	Valparaiso, Chile	33.0350S	71.6042W	50	
Valsamata	VLS	Greece	38.1772N	20.5897E	375	
Valverde	VVD	Canary Islands, Spain	27.8074N	17.9112W	540	From 1973-09-01 to 1985-02-28
Valverde	CVVD	Canary Islands, Spain	27.8208N	17.9361W	450	From 1985-02-01 to 1993-10-31
Valverde	EVAL	Spain	37.5842N	6.7475W	295	From 1985-03-01
Vamos	VAM	Crete, Greece	35.4069N	24.1997E	225	
Van	VANB	Turkey	38.5950N	43.3890E	1227	
Van	VANT	Turkey	38.4450N	43.3888E	1750	From 1994-01-22
Van	VNT	Turkey	38.5169N	43.3844E	1804	From 1979-12-01 to 1999-08-25
Van	TVAN	Turkey	38.5286N	43.4061E	2008	From 2001-10-18
Vanadzor	VANZ	Armenia	40.7910N	44.5280E	1200	
Vanand	VNNZ	Armenia	40.1030N	43.8230E	1020	
Vanda	VNDA	Victoria Land, Antarctica	77.5172S	161.8528E	121	From 1986-12-04
Vanda	VND	Victoria Land, Antarctica	77.5239S	161.6720E	150	From 1969-01-12 to 1971-02-01
Vandellos 2	VAN2	Spain	40.9531N	0.8266E	180	
Vanderhoof	SULB	British Columbia, Canada	53.2786N	124.3576W	1171	From 2006-09-05
Van Goodin Ranch	OGOM	California, U.S.A.	39.6537N	121.6120W	158	From 1976-12-28
Van Hill	VHTN	Tennessee, U.S.A.	36.3990N	82.8020W	658	From 1986-01-14 to 1986-03-23
Vanikum	BA16	Nordrhein-Westfalen	51.0301N	6.6616E	81	From 2006-10-01
Van Inlet	VIB	British Columbia, Canada	53.2522N	132.5410W	1008	From 1985-09-01
Vannovskaya	VAN	Turkmenistan	37.9480N	58.1080E	580	
Vantage	VTG	Washington, U.S.A.	46.9580N	119.9870W	208	From 1970-07-01
Vanua Lava	VLN	Vanuatu	13.8867S	167.5420E	18	From 1975-11-20
Vaqueiros	PVAQ	Portugal	37.4037N	7.7173W	193	From 2006-12-23
Varamin	IVRN	Iran	34.9964N	51.7278E	1120	From 1996-01-01
Varanasi	VAR	Uttar Pradesh, India	25.3000N	83.0167E	88	
Vardanashen	VRNZ	Armenia	40.0490N	44.1910E	841	
Vardenis	VRD	Armenia	40.2200N	45.7000E	1930	
Vardenisi	VAD	Georgia	40.1900N	45.7300E	530	
Vardzia	VRZG	Georgia	41.3745N	43.2721E	1260	From 2003-01-01
Varese	VAI	Italy	45.8674N	8.7684E	1150	
Varian Well	VARB	California, U.S.A.	35.9261N	120.4471W	-61	
Varmlds Nysat	VNY	Sweden	59.4040N	12.4820E	229	From 1980-01-01 to 1991-12-31
Varnville	VRN	South Carolina, U.S.A.	33.0375N	80.9417W	30	From 1979-10-15
Varnville	VSC	South Carolina, U.S.A.	32.8792N	81.0500W	30	From 1974-05-20 to 1979-10-15
Varrjo	VRF	Finland	67.7480N	29.6090E	350	From 2007-10-01
Varto	VRT	Turkey	39.1310N	41.5290E	1930	
Vashon High School SMO	VVHS	Washington	47.4235N	122.4549W	95	From 2001-09-20
Vassjaure	VAS	Sweden	68.4167N	18.1833E	469	
Vassouras	VASS	Rio de Janeiro, Brazil	22.3994S	43.6522W	448	From 1988-01-01
Vasula	VSU	Estonia	58.4620N	26.7347E	63	
Vatnsfell	IVAT	Iceland	64.1870N	18.9180W	573	From 1998-04-20
Vatovaky	VTY	Madagascar	19.0759S	47.5386E	1423	From 1973-01-01
Vava'u	VAVA	Tonga	18.6640S	173.9770W	5	
Veano	VEA	Italy	44.8893N	9.6190E		
Veberod	VEB	Sweden	55.5990N	13.5160E	116	From 1980-01-01 to 1991-12-31
Vedder Mountain	VDB	British Columbia, Canada	49.0261N	122.1030W	404	From 1983-01-04
Velasquez	VLG	Guatemala	14.2405N	91.0077W	212	From 1980-07-01 to 1987-11-30
Velez Rubio	VELZ	Spain	37.5838N	1.9880W	1000	
Vellai	VLI	Greece	36.7182N	22.9370E	220	From 1989-06-01
Velka Javorina	JAVC	Czech Republic	48.8591N	17.6707E	827	
Vena	EVNA	Sicily, Italy	37.7958N	15.1402E	700	From 1994-10-01
Venator	VT-OR	Oregon, U.S.A.	43.1136N	118.4147W	1341	From 1962-01-16 to 1962-05-21
Venator	VT-	Oregon, U.S.A.	43.1136N	118.4147W	1341	From 1962-01-16 to 1962-05-21
Venebrugge	VBG	Netherlands	52.5447N	6.6704E	11	
Venice	VEN	Italy	45.4333N	12.3333E	1	
Ventotene	VENT	Italy	40.7947N	13.4217E	110	
Vera	EXVE	Spain	37.2420N	1.8570W	89	
Veracruz	FARM	Veracruz, Mexico	19.6260N	96.3930W		
Veracruz	VCM	Veracruz, Mexico	19.2006N	96.1378W	3	
Veracruz	CAMM	Veracruz, Mexico	19.5880N	96.4600W	190	
Veracruz	LIMM	Veracruz, Mexico	19.6803N	96.5281W	200	
Veracruz	VER	Nicaragua	12.0897N	86.1712W	140	From 1977-01-01 to 1983-12-31
Veracruz	VEX	Baja California, Mexico	32.3612N	115.1050W		From 1981-10-21 to 1987-04-10
Veracruz	MANM	Veracruz, Mexico	19.5900N	96.4167W	2	
Veracruz	LVMM	Veracruz, Mexico	19.6014N	96.3955W	160	
Veracruz	POHV	Veracruz	19.0688N	97.2803W	4150	From 1999-01-01
Vera Road	VRZ	North Island, New Zealand	39.1261S	174.7582E	182	From 2003-11-26
Verdi Peak	VPK	California, U.S.A.	39.4747N	120.0370W	2469	
Veris	VRZT	Georgia	41.7094N	44.7886E	450	From 2003-01-01
Veris	VERG	Georgia	41.7097N	44.7893E	420	From 2003-01-01
Verkhnyaya Baza	VEH	Kemerovskaya Oblast', Russia	53.2530N	90.3180E	1200	
Vern	NVY	Nevada, U.S.A.	37.1128N	115.9900W	1442	From 1971-01-01 to 1973-01-31
Vernal	VN-	Utah, U.S.A.	40.5086N	109.5792W	1768	From 1961-10-20 to 1962-06-01
Vernal	VNL	Utah	40.4581N	109.5482W	1648	From 2005-10-25
Vernal	VLU	Utah, U.S.A.	40.4464N	109.5150W	1605	
Vernal	VN-UT	Utah, U.S.A.	40.5086N	109.5792W	1768	From 1961-10-20 to 1962-06-01
Vernal Corners	VCS	New York, U.S.A.	42.8578N	78.1997W	488	
Verneugheol	VERF	Limousin, France	45.7495N	2.4838E	776	
Vestal, Richgrove	VES	California	35.8400N	119.0800W	154	From 2004-04-01
Vestmannaeyjar	IVES	Iceland	63.4430N	20.2870W	55	From 2000-12-29
Vesuviano	OVO	Italy	40.8267N	14.3978E	606	From 1974-12-01
Vesuviano	OV1	Italy	40.8267N	14.3978E	606	From 1974-12-01
Veterans Administration Hospital	CVAL	California, U.S.A.	37.6183N	121.7582W	201	From 1981-02-10
Vettahaugen	N1R1	Norway	66.2070N	13.7410E	690	
Veys	IVIS	Iran	34.5253N	46.8527E	1864	From 2004-01-01
Veziropu	VEZ	Turkey	41.1305N	35.4627E	387	From 1976-09-01
Vialonga--Serves	PSRV	Portugal	38.8932N	9.0896W	345	
Vianos	EVIA	Spain	38.6386N	2.5025W	1110	From 1985-11-01
Vicchio	VMG	Italy	43.9617N	11.5439E	450	
Vicksburg	VBMS	Mississippi, U.S.A.	32.2185N	90.5177W	16	
Victor	VCMT	Montana, U.S.A.	46.4425N	114.1872W	1254	
Victor	E13A	Montana, U.S.A.	46.4423N	114.1880W	1257	From 2006-10-11
Victoria	VCT	Romania	45.7250N	24.7010E	565	From 1989-04-01
Victoria	VIC	British Columbia, Canada	48.5194N	123.4150W	197	From 1988-01-01 to 1978-03-29
Victor Mine	VIMO	Ontario, Canada	52.8173N	83.7449W	78	
Victorville	VTV	California, U.S.A.	34.5606N	117.3296W	812	From 1993-04-16
Vielha	VIH	Spain	42.6288N	0.7700E	1700	From 1986-01-01
Vielle Casse Police Station	DVCT	Dominica	15.6144N	61.4061W	0	From 2004-09-18
Vienna	VIE	Austria	48.2483N	16.3617E	198	
Vienna	VKA	Austria	48.2650N	16.3183E	400	
Vieques	VQS	Puerto Rico	18.1467N	65.4483W	20	From 1903-09-01 to 1924-12-31
Vieux Emosson	EMV	Switzerland	46.0632N	6.8989E	2210	
Viey	VIEF	Midi-Pyrenees, France	42.8837N	0.0237E	1000	From 1996-10-24
Viggiano	VIGE	Italy	40.3353N	15.9000E	800	
Vijayawada	VJD	Andhra Pradesh, India	16.5167N	80.6500E		
Vik	VIK	Iceland	63.4217N	19.1000W	19	
Vikbolandet	VIKU	Sweden	58.5017N	16.6992E	100	From 2002-02-05
Vila Bisbo	PFVI	Portugal	37.1328N	8.8268W	189	From 1996-01-01
Vilada	VILA	Spain	42.1363N	1.8913E	400	
Vila Franca	VIF	Azores, Portugal	37.7448N	25.4397W	647	From 1981-01-01
Vila Nova	PVNV	Azores, Portugal	38.7619N	27.1559W	150	From 2003-03-01
Vila Real	PVRL	Portugal	41.2756N	7.7161W	660	From 1995-06-01

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Villa Celierra	VCEL	Italy	42.3946N	13.8406E	1185	From 2004-05-11
Villacollemandina	VLC	Italy	44.1594N	10.3864E	555	
Villa de Garcia	VNM	Nuevo Leon,Mexico	25.8433N	100.5942W		From 1989-12-01
Villa del Rosario	VIRV	Venezuela	10.5030N	72.4060W	157	From 2001-08-31
Villa di Villa	VVI	Italy	45.9819N	12.4281E	100	From 1987-06-10
Villa El Salvador	PP09	Peru	12.2133S	76.9367W	100	
Villa Florida	CPUP	Paraguay	26.3306S	57.3292W	5	From 1994-07-21
Villa Grajales	VGM	Puebla,Mexico	19.2500N	97.7833W		
Villa Maderas	MADN	Nicaragua	11.4083N	85.5333W	50	
Villa Marinero	VMO	Oaxaca,Mexico	15.8512N	97.0638W	3	
Villa Mercy	VIL	Maryland,U.S.A.	39.0209N	77.1887W		
Villanova	VINO	Italy	46.2564N	13.2814E	608	
Villa Park Dam	VPD	California,U.S.A.	33.8160N	117.7620W	183	From 1971-06-07
Villarger	OG12	Rhone-Alpes,France	45.5375N	6.9053E	1550	From 1993-11-12
Villasalto	VSL	Sardinia,Italy	39.4960N	9.3780E	370	
Villa Vallelonga	VVLD	Italy	41.8710N	13.6220E	1005	
Villefranche	VDCF	Languedoc-Roussillon,France	42.5908N	2.3656E	600	From 1989-01-01 to 1999-07-13
Ville Marie	VMC	Quebec,Canada	47.3167N	79.4500W		
Villemus	VILF	Provence-Cote d'Azur,France	43.8525N	5.7153E	770	
Villeneuve d'Entraunes	OG30	Rhone-Alpes	44.1095N	6.7775E	1350	From 1992-01-08
Villiers-Adam	VDM	Ile-de-France,France	49.0743N	2.2318E	70	From 1983-11-01
Villiers-Adam	NE07	Ile-de-France,France	49.0743N	2.2318E	70	From 1983-11-01
Vimmerby	VIM	Sweden	57.7880N	16.0020E	151	From 1980-01-01
Vinca	VINC	Italy	44.1412N	10.1522E	710	From 1994-04-01
Vinchina	VCA	La Pampa,Argentina	28.7408S	68.2017W	1500	
Vineyard	VIN	California,U.S.A.	36.7500N	121.3850W	330	From 1959-02-03 to 1966-03-09
Vineyard	BYYM	California,U.S.A.	36.7493N	121.4130W	585	From 1975-12-11
Vineyard Canyon	VCAB	California,U.S.A.	35.9216N	120.5339W	555	
Vineyard--Telemeter	VIT	California,U.S.A.	36.7500N	121.3880W	360	From 1961-05-31 to 1965-02-10
Vinh	VIV	Vietnam	18.5475N	105.7000E	5	
Vinica-Bojanci	VBY	Slovenia	45.5045N	15.2566E	259	From 1986-10-30
Vinton	VO-IO	Iowa,U.S.A.	42.2250N	92.1269W	274	From 1964-09-01 to 1965-03-22
Vinton	VO-	Iowa,U.S.A.	42.2250N	92.1269W	274	From 1964-09-01 to 1965-03-22
Virac	PVCP	Luzon,Philippines	13.5960N	124.1540E	50	
Virgin Gorda	VGVI	Virgin Islands	18.4400N	64.4300W	20	From 2001-12-10 to 2003-04-01
Virgin Gorda Peak	GPV	Virgin Islands	18.4918N	64.4035W		
Virginia	VIR	Orange Free State,South Africa	28.0800S	26.8633E	1341	
Virginia Beach	VVB	Virginia,U.S.A.	36.7853N	76.1080W	5	
Virginia Peak	VIP	Nevada,U.S.A.	39.7540N	119.4610W	2499	
Virginia Western Community College	VWCC	North America	37.2459N	79.9776W	361	
Virojoki	VJF	Finland	60.5388N	27.5550E	34	From 2003-05-26
Vis@19nje	VISS	Slovenia	45.8033N	14.8393E	403	From 2004-03-01
Visale	VSG	Solomon Islands	9.2528S	159.7130E	330	From 1983-12-22
Viseu	PVIS	Portugal	40.7157N	7.8945W	720	From 1995-06-01
Vishakhapatnam	VISK	Andhra Pradesh,India	17.7210N	83.3287E	30	
Vishakhapatnam	VIS	Andhra Pradesh,India	17.7210N	83.3287E	82	From 1962-01-01
Visignano	VISG	Italy	44.1140N	11.2940E	728	From 2004-10-22
Vista	VSTC	California,U.S.A.	33.1567N	117.2320W	112	From 1975-01-01
Vista de Mar	VCR	Costa Rica	10.1265N	85.6312W	960	
Vista Grande	VG2	California,U.S.A.	33.8318N	116.8090W	0	From 1975-12-01
Vista Hermosa	VHO	Oaxaca,Mexico	17.0723N	96.7332W	1685	
Vista Hermosa	VHM	Oaxaca,Mexico	17.1767N	96.7453W	1829	
Viti Levu	NMF	Fiji	18.0058S	178.1600E	295	
Vitoria	PVIA	Azores	39.0682N	28.0503W	49	From 2005-09-01
Vitoshka	VTS	Bulgaria	42.5916N	23.2083E	1490	
Vittel	VITF	Lorraine,France	48.2172N	5.9844E	460	
Vitulano	VTB1	Italy	41.1825N	14.6300E	865	
Vivian	VVO	Oklahoma,U.S.A.	35.3368N	95.7374W	224	From 1985-09-11
Vizcacheras	AVIZ	Mendoza,Argentina	33.4731S	68.5162W	1019	
Vizianagram	VIZ	Andhra Pradesh,India	18.1167N	83.4500E		
Vizzini	HVZN	Sicily,Italy	37.1780N	14.7150E	730	From 1994-05-01
Vlachokerasia	VLX	Greece	37.3703N	22.3793E	1035	From 2006-06-28
Vladikavkaz	VLKR	Severo-Osetinskaya	43.0465N	44.6773E	684	From 2003-06-23
Vladivostok	VLA	Primorskiy Kray,Russia	43.1200N	131.8933E	73	
Vlagtwedde	VLW	Netherlands	52.9694N	7.0982E	7	
Vlora	VLO	Albania	40.4686N	19.4955E	43	
Vodivohitra	VDA	Madagascar	19.0610S	46.9530E	1472	From 1994-12-18
Vogar	IVOG	Iceland	63.9700N	22.3930W	7	From 1997-02-23
Vogel Lake	VOGL	Alaska,U.S.A.	60.9961N	150.4307W	38	
Voghera	VG1	Italy	44.9292N	9.0958E		From 1980-06-22 to 1999-08-25
Voghsosar	IVOS	Iceland	63.8530N	21.7040W	8	From 1997-04-15
Vojsko	VOY	Slovenia	46.0317N	13.8935E	1073	From 1984-11-01
Vojsko	VOJS	Slovenia	46.0317N	13.8833E	1046	From 2004-10-01
Volcan	BRU2	Panama	8.7940N	82.6910W	1308	
Volcan Arenal	VACR	Costa Rica	10.4730N	84.6775W	360	From 1986-04-29
Volcan Cerro Prieto	VCP	Baja California	32.4000N	115.3000W	110	From 1976-10-28
Volcan Chico	VCHI	Galapagos,Ecuador	0.7917S	91.0667W	1490	
Volcan Irazu	IRZ	Costa Rica	9.9744N	83.8657W	3380	From 1984-03-17 to 1985-12-31
Volcan Irazu	ICR	Costa Rica	9.9808N	83.8305W	3306	
Volcan Irazu 2	IRZ2	Costa Rica	9.9688N	83.8975W	2975	From 1985-01-01
Volcan Nyalulag	NYAM	Congo (Kinshasa)	1.4100S	29.2000E	3056	
Volcan Nyirag	NYI	Congo (Kinshasa)	1.5200S	29.2500E	3469	
Volcano Peak E	WVPM	California,U.S.A.	35.9495N	117.8170W	1463	From 1975-09-26
Volcano Peak East	VPFM	California,U.S.A.	35.9495N	117.8170W	1463	From 1975-09-26
Volcan Poas	VPS	Costa Rica	10.1873N	84.2385W	2570	
Volcan Poas 2	VPS2	Costa Rica	10.1902N	84.2353W	2570	From 1980-11-01
Volcan Purace	PURC	Colombia	2.3222N	76.3617W	3950	From 1987-01-01
Volcan Rincon	RIN	Costa Rica	10.7735N	85.3583W	775	From 1984-11-01 to 1987-05-20
Volcan Rincon	RIN3	Costa Rica	10.7908N	85.3787W	900	From 1988-08-26
Volcan Rincon	RIN2	Costa Rica	10.8185N	85.3495W	1400	From 1987-05-20 to 1988-08-26
Volcan San Salvador	VSS	El Salvador	13.7417N	89.2417W	1250	
Volcan Turrialba	VTU	Costa Rica	10.0210N	83.7583W	3329	
Volcan Villarrica	VNV	Chile	39.3692S	71.9528W	1200	From 1983-01-01
Volimes	VOL	Greece	37.8857N	20.6775E	552	From 2007-04-19
Vollmer Peak	CVPM	California,U.S.A.	37.8840N	122.2220W	568	
Voronezh	VOR	Voronezhskaya Oblast',Russia	51.7311N	39.2000E	160	From 1997-01-01
Vostochnaya	VOS	Kazakhstan	52.7233N	70.9797E	450	From 1999-09-24
Vostochnaya	VOSK	Kazakhstan	52.7233N	70.9797E	450	From 1999-09-24
Vostochnaya array site	VOS6	Kazakhstan	52.7478N	70.9649E	327	From 1995-08-10
Vostochnaya array site	VOS4	Kazakhstan	52.7686N	70.9906E	321	From 1995-08-10
Vostochnaya array site	VOS5	Kazakhstan	52.7435N	71.0042E	316	From 1995-08-10
Vostochnaya array site	VOS7	Kazakhstan	52.7276N	70.9370E	328	From 1995-08-10
Vostochnaya array site	VOS8	Kazakhstan	52.7524N	70.9211E	344	From 1995-08-10
Vostochnaya array site	VOS9	Kazakhstan	52.7696N	70.9511E	329	From 1995-08-10
Vougians	VOU	Frache Comte,France	46.3989N	5.6508E	495	From 1967-03-01
Voula,Athens	VLY	Greece,Greece	37.8524N	23.7942E	256	From 2008-02-12
Vranov	VRAF	Czech Republic	49.3083N	16.5935E	475	From 1989-12-01
Vrh nad Dolskim	VNDS	Slovenia	46.1016N	14.7014E	531	From 2005-12-16
Vrincioia	VRI	Romania	45.8665N	26.7276E	472	From 1967-01-01
V-Sauoahnukur	IVSH	Iceland	64.8080N	15.7280W	849	From 2004-12-29
Vulcan	VUL	New Britain,Papua New Guinea	4.2828S	152.1460E	332	From 1967-01-01
Vulcanello	VN6*	Sicily,Italy	38.4256N	14.9625E		From 1966-04-01 to 1966-05-01
Vulcano Cr IE	IVCR	Sicily,Italy	38.4080N	14.9620E	140	From 1977-01-01
Vulcano Grillo IE	IVUG	Sicily,Italy	38.3960N	14.9860E	250	From 1977-01-01
Vulcano Lentia IE	IVLT	Sicily,Italy	38.3960N	14.9480E	150	From 1977-01-01
Vulcano Piano	VPL	Sicily,Italy	38.3789N	14.9836E	410	
Vunargo	VNG	Greece	37.7410N	21.3930E	240	From 2006-05-15
Vunidawa	VDW	Fiji	17.8336S	178.2528E	409	From 1979-10-01
Vunikawai	VUN	Fiji	18.0072S	178.4633E	178	From 1976-12-01
Vyborg	VYB	Leningradskaya Oblast',Russia	60.7167N	28.8000E	25	
Vyhne	VYHS	Slovakia	48.4940N	18.8361E	480	
Vyrnwy	WVR	Wales,United Kingdom	52.7974N	3.6051W	580	From 1985-01-01
Wabag	WAB	Papua New Guinea	5.4947S	143.7280E	2032	From 1968-01-01
Wabash College	WVIL	Illinois,U.S.A.	38.4298N	87.7817W	160	
Wabush	WABN	Newfoundland,Canada	52.9080N	66.8710W	563	
Wachi	JWT	Kyoto,Japan	35.2825N	135.4015E	172	
Wadesville	WDIN	Indiana,U.S.A.	38.0908N	87.7158W	164	
Wadia Institute--Dehra Dun	WIHG	Uttar Pradesh,India	30.3285N	78.0130E	619	From 1985-11-01
Wadi Bani Khalid	WBK	Iran	22.6100N	58.9700E	450	From 2001-07-01

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
Wadi Hawf	WHFO	Oman	17.9190N 53.7706E	550	
Wadi Hilu	WAHI	Iran	24.9400N 56.2000E	0	From 2001-07-01
Wadi Ibn Hashbal	WBHS	Saudi Arabia	18.6062N 42.7288E	1882	
Wadi Mousa	WMSJ	Jordan	30.3250N 35.4650E	965	From 2001-01-01
Wadi Sarin	WSAR	Asia	23.2390N 38.6307E	326	
Wadsworth	WAD	Nevada,U.S.A.	39.6878N 119.2880W	1262	
Wager Bay	WAGN	Northwest Territories,Canada	65.8792N 89.4445W	0	From 2006-08-20
Wagin	WA2	Western Australia,Australia	33.2767S 117.3370E	300	From 1973-06-09
Wagner Farm, Oakesdale	D10A	Washington,U.S.A.	47.0547N 117.2759W	775	From 2006-09-23 to 2008-06-19
Wahat al Ahsa'	HASS	Saudi Arabia	25.1899N 49.6944E	200	
Wahat Dakhilah	HDK2	Egypt	24.3195N 28.9546E	377	
Wahat Farafirah	HRFR	Egypt	27.1484N 28.3105E	115	
Wahaula	WHA	Hawaii,U.S.A.	19.3317N 155.0490W	29	
Wahianoa	WNVZ	North Island,New Zealand	39.3287S 175.5978E	1543	From 2004-05-04
Wahluke	WAH	Washington,U.S.A.	46.7520N 119.5780W	231	From 1970-07-01
Wahluke Slope	WAH2	Washington,U.S.A.	46.7553N 119.5657W	244	
Wahoo	WHNE	Nebraska,U.S.A.	41.2362N 96.6525W	381	
Wah Wah Mountains	WW-UT	Utah,U.S.A.	38.5139N 113.5889W	1829	From 1963-04-16 to 1963-07-15
Wah Wah Mts	WW-	Utah,U.S.A.	38.5139N 113.5889W	1829	From 1963-04-16 to 1963-07-15
Waiaatarua	WTAZ	North Island,New Zealand	36.9342S 174.5739E	340	
Waikii	WKH	Hawaii,U.S.A.	19.8597N 155.6600W	1433	
Waimanalo Ridge	WMR	Hawaii,U.S.A.	21.3203N 157.6823W	200	
Waimangu	WGZ	North Island,New Zealand	38.2881S 176.3870E	440	From 1980-08-20 to 1983-12-15
Waingapu	WSI	Sumba,Indonesia	9.6689S 120.2976E	48	
Wainui Dam	WDW	North Island,New Zealand	41.2686S 174.9940E	130	
Waipapa Point	WPZ	South Island,New Zealand	46.6603S 168.8500E	4	From 1966-11-01 to 1976-09-20
Waipu Caves	WCZ	North Island,New Zealand	35.9411S 174.3440E	140	From 1990-10-13
Waipukurau	WPHZ	New Zealand	40.0660S 176.4404E	350	From 2006-10-19
Wairakei	WNZ	North Island,New Zealand	38.6314S 176.1030E	350	From 1962-08-01 to 1985-09-27
Wairakei	WATZ	North Island,New Zealand	38.7097S 175.7329E	520	
Wairiri	WAI	South Island,New Zealand	43.5000S 171.8670E	335	From 1947-03-01 to 1948-03-31
Waitaha Valley	WVZ	South Island,New Zealand	43.0764S 170.7360E	75	From 1990-02-21
Wajiki	WKJ	Tokushima,Japan	33.8598N 134.5147E	100	
Wa jima	WAJ	Ishikawa,Japan	37.3900N 136.8980E	7	
Wakamiya	WMY	Kochi,Japan	33.6421N 133.6750E	230	From 1967-04-01 to 1999-08-25
Wakarara	WAHZ	North Island,New Zealand	39.6992S 176.3550E	657	From 1987-03-01 to 2003-09-09
Wakaura	WKU	Wakayama,Japan	34.1879N 135.1730E	10	From 1953-10-01 to 1978-08-26
Wakayama	WKME	Wakayama,Japan	34.1909N 135.1673E	5	
Wakayama	WKY	Wakayama,Japan	34.2267N 135.1670E	14	
Wakayama 2	WKYJ	Wakayama,Japan	34.2190N 135.5925E	795	
Wake	WKE	Wake Island	19.3150N 166.6270E	5	From 1956-01-01 to 1969-12-31
Wake Island	WAKE	Wake Island	19.2833N 166.6536E	0	
Wakkake-Misaki	JWK	Soya,Japan	45.4168N 141.6732E	90	
Wakkanai	WAK	Soya,Japan	45.4167N 141.6730E	90	
Wakkanai	WAKJ	Soya,Japan	45.4133N 141.6833E	11	
Walderalm	WATA	Austria	47.3357N 11.5763E	1492	From 1989-10-01
Waldron Ledge	WLG	Hawaii,U.S.A.	19.4248N 155.2620W	1067	From 1971-09-01 to 2000-11-09
Walferdange	WLF	Luxembourg	49.6646N 6.1526E	295	
Walker	WAKR	Nevada,U.S.A.	38.5044N 119.4372W	1890	
Walker Mountain	WMV	Virginia,U.S.A.	37.1085N 80.9705W	1157	
Walker Mountain	WVMM	Oregon,U.S.A.	43.3050N 121.7160W	2158	
Walker Pass	WWPM	California,U.S.A.	35.7355N 118.0870W	1151	
Walker Ridge	WKC2	California,U.S.A.	40.3892N 124.2960W	226	From 1980-11-05
Walker Ridge	WKC	California,U.S.A.	40.3933N 124.2880W	225	From 1973-01-01 to 1980-11-05
Walker Ridge	GWKM	California,U.S.A.	39.0520N 122.4910W	841	
Walkerton	BWLO	Ontario,Canada	44.1174N 81.1382W	228	From 2007-08-01
Wallace	WAL	Idaho,U.S.A.	47.4600N 115.9650W		
Wallace Dam	WDG	Georgia,U.S.A.	33.3440N 83.1752W	177	From 1978-02-01
Wallia Wallia High School ANSS SMO	WWHS	Washington	46.0453N 118.3183W	10	From 2003-09-24
Wallilia Gap	GWG	Washington,U.S.A.	46.0447N 118.9330W	162	From 1971-10-01
Walls	WALU	Shetland Islands,United Kingdom	60.2576N 1.6133W	170	
Walls	WAL1	Shetland Islands,United Kingdom	60.2564N 1.6173W	167	From 1980-01-01
Wallula Gap	WG3	Washington,U.S.A.	46.0286N 118.8570W	480	From 1990-01-01
Wallula Gap	WG2	Washington,U.S.A.	46.0306N 118.8560W	511	From 1987-04-01
Wally Ulrich	WUWVY	Wyoming,U.S.A.	43.5394N 110.7429W	1965	
Walnut Grove	WGAR	Arkansas,U.S.A.	35.8530N 90.1910W	72	
Walnut Ridge	WR-	Arkansas,U.S.A.	36.0583N 91.2219W	122	From 1961-12-05 to 1961-12-16
Walnut Ridge	WR-AR	Arkansas,U.S.A.	36.0583N 91.2219W	122	From 1961-12-05 to 1961-12-16
Walters Elk Ranch, Riggins	G11A	Idaho,U.S.A.	45.3997N 116.2680W	1343	From 2006-11-08
Wambrook	WAM	New South Wales,Australia	36.1928S 148.8830E	200	From 1957-01-01
Wamena	WAMI	Irian Jaya,Indonesia	3.8847S 138.7114E	0	
Wamic	G05A	Oregon,U.S.A.	45.2422N 121.3167W	594	From 2005-11-03 to 2008-03-27
Wamsutter	L20A	Wyoming,U.S.A.	42.0073N 108.3398W	2028	From 2007-10-26
Wanagama	UGM	Jawa,Indonesia	7.9125S 110.5231E	350	
Wanaka	WKZ	South Island,New Zealand	44.8287S 169.0175E	564	From 2004-06-03
Wando	KSWAN	South Korea	34.3890N 126.7023E	34	From 1999-04-07
Wanganui	WAZ	North Island,New Zealand	39.7564S 174.9853E	401	From 2003-11-26
Wang Home	KHVB	British Columbia,Canada	48.5688N 123.4663W	39	From 2003-02-28
Wanliss Street	WAN	New Britain,Papua New Guinea	4.1943S 152.1760E	25	From 1967-01-01
Wann	WNN	Nebraska,U.S.A.	41.1897N 96.2661W	387	
Wanoga Butte	WVBM	Oregon,U.S.A.	43.9137N 121.5550W	1736	
Warangal	WGL	Andhra Pradesh,India	17.9850N 79.5300E	280	From 1975-01-01
Warburton	WBN	Western Australia,Australia	26.1400S 126.5780E	457	From 1978-06-27 to 1987-06-28
Warburton	WARB	Western Australia,Australia	26.1838S 126.6430E	460	From 1987-06-28 to 1998-12-31
Wardell	WADM	Missouri,U.S.A.	36.3661N 89.7959W	78	
Warden	WRD	Washington,U.S.A.	46.8033N 119.1448W	375	From 1970-07-01
Wardlaw	BWH	Scotland,United Kingdom	55.1758N 3.6549W	269	
Ward Pound Ridge	WPR	New York,U.S.A.	41.2547N 73.5857W	152	From 1971-03-01 to 1981-12-31
Warideh	WRDH	Syria	35.5079N 36.4120E	730	From 1995-04-01
Waris	WAA	Papua New Guinea	4.1167S 145.1000E	48	
Warland Creek	WCM	Montana,U.S.A.	48.4583N 115.1030W	1704	From 1971-02-01 to 1974-07-11
Warmenhuizen	WMH	Netherlands	52.7108N 4.7498E	-1	
Warmfontaine	WRM	Belgium	49.8333N 5.3806E	242	
Warminster	SWK	England,United Kingdom	51.1483N 2.2471W	266	
Warm Springs	WSN	Nevada,U.S.A.	38.3833N 116.1920W	1768	From 1965-01-01 to 1970-12-31
Warm Springs	R10A	Nevada,U.S.A.	38.2886N 116.3021W	1600	From 2006-06-09
Warm Springs	WSP	California,U.S.A.	34.5962N 118.5790W	1219	
Warm Springs	WZ-NV	Nevada,U.S.A.	38.0628N 116.4397W	2073	
Warm Springs Repeater	WSR	Nevada,U.S.A.	38.1914N 116.3990W	1890	From 1965-01-01 to 1970-12-31
Warragamba	WGBM	New South Wales,Australia	33.8661S 150.5751E	254	
Warragamba Dam	WDBM	New South Wales,Australia	33.8850S 150.5940E	30	
Warramunga Ar.	WB1	Northern Territory,Australia	19.9595S 134.3460E	422	
Warramunga Array	WRB	Northern Territory,Australia	19.9594S 134.3464E	393	From 1965-10-01
Warramunga Array	WCB	Northern Territory,Australia	19.9347S 134.3570E	366	From 1965-10-01
Warramunga Array Beam Reference Point	WRA	Northern Territory,Australia	19.9426S 134.3390E	419	From 1965-10-01
Warramunga Array Site B0	WBO	Northern Territory,Australia	19.7671S 134.3930E	392	
Warramunga Array Site B2	WB2	Northern Territory,Australia	19.9428S 134.3511E	388	From 1965-10-01
Warramunga Array Site B3	WB3	Northern Territory,Australia	19.9230S 134.3555E	384	From 1965-10-01
Warramunga Array Site B4	WB4	Northern Territory,Australia	19.9036S 134.3589E	380	From 1965-10-01
Warramunga Array Site B5	WB5	Northern Territory,Australia	19.8782S 134.3662E	370	From 1965-10-01
Warramunga Array Site B6	WB6	Northern Territory,Australia	19.8550S 134.3670E	396	From 1965-10-01
Warramunga Array Site B7	WB7	Northern Territory,Australia	19.8408S 134.3794E	353	From 1965-10-01
Warramunga Array Site B8	WB8	Northern Territory,Australia	19.8139S 134.3808E	356	From 1965-10-01
Warramunga Array Site B9	WB9	Northern Territory,Australia	19.7914S 134.3840E	391	From 1965-10-01
Warramunga Array Site C1	WC1	Northern Territory,Australia	19.9243S 134.3391E	392	
Warramunga Array Site C2	WC2	Northern Territory,Australia	19.9254S 134.3654E	375	
Warramunga Array Site C3	WC3	Northern Territory,Australia	19.9587S 134.3719E	382	
Warramunga Array Site C4	WC4	Northern Territory,Australia	19.9619S 134.3397E	387	
Warramunga Array Site R0	WR0	Northern Territory,Australia	19.9597S 134.5405E	353	
Warramunga Array Site R1	WR1	Northern Territory,Australia	19.9426S 134.3395E	388	
Warramunga Array Site R2	WR2	Northern Territory,Australia	19.9469S 134.3624E	385	From 1965-10-01
Warramunga Array Site R3	WR3	Northern Territory,Australia	19.9485S 134.3869E	376	From 1965-10-01
Warramunga Array Site R4	WR4	Northern Territory,Australia	19.9503S 134.4066E	374	From 1965-10-01
Warramunga Array Site R5	WR5	Northern Territory,Australia	19.9522S 134.4304E	364	From 1965-10-01
Warramunga Array Site R6	WR6	Northern Territory,Australia	19.9543S 134.4540E	382	From 1965-10-01
Warramunga Array Site R7	WR7	Northern Territory,Australia	19.9552S 134.4760E	382	From 1965-10-01
Warramunga Array Site R8	WR8	Northern Territory,Australia	19.9557S 134.5000E	400	From 1965-10-01
Warramunga Array Site R9	WR9	Northern Territory,Australia	19.9577S 134.5150E	383	From 1965-10-01
Warramunga Infrasound Array Beam Ref. Pt.	WRAI	Northern Territory,Australia	19.9402S 134.2260E	401	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Warsak Dam	WRS	Pakistan	34.1500N	71.4000E	343	
Warsaw	WAR	Poland	52.2417N	21.0236E	110	
Wartburg	WT-TN	Tennessee,U.S.A.	36.1097N	84.7578W	427	From 1939-01-01
Wartburg	WT-	Tennessee,U.S.A.	36.1097N	84.7578W	427	From 1963-04-12 to 1963-07-31
Wasel	WASL	Saudi Arabia	29.1880N	34.9060E		From 1963-04-12 to 1963-07-31
Washington	WAS	District of Columbia,U.S.A.	38.8925N	77.0331W	0	From 1939-07-01 to 1999-08-25
Washington Hill	WSH	Nevada,U.S.A.	39.4538N	119.6447W	1762	From 1909-01-01 to 1969-12-31
Washington-Naval Research Laboratory	NRL	District of Columbia,U.S.A.	38.8333N	77.0833W		From 1953-01-01 to 1972-12-31
Washington Science Center	WSC	Maryland,U.S.A.	39.0505N	77.1237W	120	From 1965-01-01 to 1972-12-31
Washoe City	WCN	Nevada,U.S.A.	39.3017N	119.7563W	1709	From 1972-08-12
Water	H2OWA	Washington,U.S.A.	46.3958N	119.4230W	158	
Waterbury	VT1	Vermont,U.S.A.	44.3317N	72.7536W	410	
Waterdown	RD02	Ontario,Canada	43.3154N	79.8768W	104	
Waterton	WTC	Colorado,U.S.A.	39.5143N	105.1380W	1987	From 1973-01-01 to 1976-11-30
Waterton Lakes	WALA	Alberta,Canada	49.0586N	113.9120W	1400	From 1992-05-15
Waterville	WTV	Washington,U.S.A.	47.6986N	119.9540W	900	
Waterville	WTR	Maine,U.S.A.	44.6483N	69.6556W	79	From 1951-10-01
Waterville	C07A	Washington,U.S.A.	47.6902N	120.0613W	863	From 2006-09-19 to 2008-05-16
Waterville	WTVF	New York,U.S.A.	42.9460N	75.3272W	426	
Waterville	WVL	Maine,U.S.A.	44.5648N	69.6575W	85	
Waterways	WS-AT	Alberta,Canada	56.6594N	111.2686W	366	From 1965-10-14 to 1965-11-15
Waterways	WS-	Alberta,Canada	56.6594N	111.2686W	366	From 1965-10-14 to 1965-11-15
Watheroo	WAT	Western Australia,Australia	30.3167S	115.8830E		From 1958-01-01 to 1959-12-31
Watom Island	EWT	New Britain,Papua New Guinea	4.1150S	152.0880E	30	
Watseska	WQ-IL	Illinois,U.S.A.	40.8656N	87.5864W	198	
Watson	WA-OK	Oklahoma,U.S.A.	34.4417N	94.4911W	305	From 1962-10-17 to 1962-10-27
Watson	WA-	Oklahoma,U.S.A.	34.4417N	94.4911W	305	From 1962-10-17 to 1962-10-27
Watson Lake	WL-YK	Yukon Territory,Canada	60.1167N	128.7644W	716	From 1965-10-16 to 1965-11-15
Watson Lake	WL-	Yukon Territory,Canada	60.1167N	128.7644W	716	From 1965-10-16 to 1965-11-15
Watson Lake	WALK	Missouri,U.S.A.	36.5394N	89.5423W	87	
Wattenberg	WTTA	Austria	47.2638N	11.6363E	1764	From 1991-02-09
Wattenberg Ranch, Walden	N22A	Colorado,U.S.A.	40.8023N	106.4544W	2472	From 2007-11-27
Watts Point	WPB	British Columbia,Canada	49.6570N	123.2100W	273	From 1983-01-20
Wau	WAU	Papua New Guinea	7.3456S	146.7165E	1083	From 1996-05-09
Waverly	WWT	Tennessee,U.S.A.	36.1300N	87.8300W	153	
Waxell Ridge	WAX	Alaska,U.S.A.	60.4500N	142.8520W	975	From 1975-08-22
Waynesburg	WAY	Pennsylvania,U.S.A.	39.9017N	80.1850W	329	From 1956-06-01 to 1964-12-31
Weather Observatory	WOB	Hawaii,U.S.A.	19.5385N	155.5830W	3396	
Weaver Farm	KWE	England,United Kingdom	53.0166N	1.8435W	320	From 1988-01-01
Weber Canyon	WBC	Utah,U.S.A.	41.1397N	111.9008W	1602	
Wegel	WGLY	New York,U.S.A.	41.3589N	73.8994W	152	
Weija	WEGH	Ghana	5.5933N	0.3269W	180	From 1987-01-01
Weil am Rhein	WEIL	Baden-Wuerttemberg,Germany	47.5930N	7.6007E	246	From 2000-11-16
Weingarten	WEIN	Switzerland	47.5287N	8.9859E	555	
Weissweiler	BA03	Nordrhein-Westfalen	50.8379N	6.3866E	120	From 2006-10-01
Welcome	WEO	Ontario,Canada	44.0187N	78.3743W	149	From 1982-04-30
Welkom	WKM	Orange Free State,South Africa	28.0050S	26.7617E	1340	
Wellesley Island	WLI	New York,U.S.A.	44.3090N	76.0098W	90	From 1974-08-01 to 1976-08-16
Wellington	WEL	North Island,New Zealand	41.2861S	174.7680E	122	From 1915-01-01
Wells	M12A	Nevada,U.S.A.	41.4157N	114.9151W	1930	From 2006-05-05
Wellsville	WVUT	Utah,U.S.A.	41.6102N	111.9590W	1828	From 1979-08-01
Welschbruch	WLS	Alsace,France	48.4133N	7.3533E	775	From 1963-01-01
Wemindji, Quebec	WEMQ	Quebec	53.0535N	77.9737W	172	From 2005-06-23
Wenas	WNS	Washington,U.S.A.	46.7103N	120.5750W	1000	
Wenatchee	WNNW	Washington,U.S.A.	47.5295N	120.1940W	1061	From 1975-06-01
Wenatchee	WEN	Washington,U.S.A.	47.5295N	120.1940W	1061	
Wenatchee Ridge	WRW	Washington,U.S.A.	47.8572N	120.8811W	1189	
Wendo Genet	WNDE	Ethiopia	7.0979N	38.6349E	1841	
Wendover, West Wendover	N13A	Nevada,U.S.A.	40.8556N	114.2045W	1385	From 2006-05-19
Wente Brothers Winery	WENL	California,U.S.A.	37.6221N	121.7570W	138	
Weppner Ranch, Escalante	S16A	Utah,U.S.A.	37.7222N	111.5961W	1785	From 2007-08-01
Werda	WERD	Sachsen,Germany	50.4476N	12.3064E	589	From 2001-06-13
Wermer Place, Edgewood	W23A	New Mexico,U.S.A.	35.1605N	106.1503W	2020	From 2008-04-20
Wernitzgruen	WERN	Sachsen,Germany	50.2874N	12.3761E	672	From 2000-08-02
Werombi	WER	New South Wales,Australia	33.9503S	150.5803E	226	From 1959-01-01
Wesley	DWS	Dominica	15.5685N	61.3113W	61	
Wesleyville	WLVO	Ontario,Canada	43.9236N	78.3970W	70	From 1990-11-07
Wesser Bold	WSSR	North Carolina,U.S.A.	35.2778N	83.5780W	1390	From 1985-11-01 to 2008-02-13
West Alisa	AWAL	Egypt	23.3792N	32.5825E		
West Arenal	WARN	Costa Rica	10.4620N	84.7208W	580	
West Ashley	WSS	South Carolina,U.S.A.	32.8468N	80.2717W	9	From 1983-01-01
Westboro	WGMMA	Massachusetts,U.S.A.	42.2890N	71.5850W	130	
West Boundary	YPWB	Montana,U.S.A.	44.6058N	111.1008W	2310	
West Bromwich	WBE	England,United Kingdom	52.5333N	2.0000W	156	
West Butte Ranch, Sweetgrass	A16A	Montana,U.S.A.	48.9482N	111.5968W	1394	From 2007-09-16
West Carthage	WCNY	New York,U.S.A.	43.9810N	75.6549W	245	From 2007-06-27
Westchester CC	WCCN	New York,U.S.A.	41.0684N	73.7914W	144	
Westchester Community College	WCC	New York,U.S.A.	41.0585N	73.7918W	100	From 1987-01-01 to 2006-05-18
West Dahl East	WESE	Alaska,U.S.A.	54.4726N	164.5863W	930	
West Dahl North	WESN	Alaska,U.S.A.	54.5685N	164.5833W	549	
West Dahl South	WESS	Alaska,U.S.A.	54.4794N	164.7226W	908	
Western Traverse Mountains	WTU	Utah,U.S.A.	40.4548N	111.9530W	1579	From 1992-06-09
Westford	WFM	Massachusetts,U.S.A.	42.6106N	71.4906W	88	From 1976-05-01
West Island	COCO	Cocos Islands	12.1901S	96.8349E	-69	
West Kalabsha	AWKL	Egypt	23.4252N	32.4470E		
West Kanaga	AK1	Alaska,U.S.A.	51.6650N	177.6420W	61	From 1976-10-01 to 1992-02-01
West Kanaga	AT1	Alaska,U.S.A.	51.6650N	177.6420W	61	From 1975-01-01 to 1976-10-31
Westland Maintenance Station	PWMM	California,U.S.A.	36.4328N	120.2110W	72	
West Mesa	WMA	New Mexico,U.S.A.	35.0722N	106.8560W	1804	
West Middle School	WMS	South Carolina,U.S.A.	33.4258N	80.7408W	34	
West Monroe	WMNY	New York,U.S.A.	43.3560N	76.0313W	158	
Westmoorings	TWMO	Trinidad and Tobago	10.6700N	61.5600W	0	
Westmoreland	WEST	New York,U.S.A.	43.1635N	75.4800W	167	
Westmorland	WML	California,U.S.A.	33.0152N	115.6225W	-44	
West Mountain	WMUT	Utah,U.S.A.	40.0767N	111.8330W	1981	From 1981-07-01
West Mountain	WMU	Utah,U.S.A.	40.0883N	111.8230W	2053	From 1973-12-01 to 1981-08-31
Weston	WES	Massachusetts,U.S.A.	42.3847N	71.3221W	60	From 1930-12-01
West Park	WPNY	New York,U.S.A.	41.8030N	73.9707W	76	From 1978-05-22 to 1986-09-30
West Pit	WPH	Hawaii,U.S.A.	19.4117N	155.2920W	1115	From 1962-10-31 to 1999-08-25
West Portland	WPO	Oregon,U.S.A.	45.5733N	122.7900W	334	From 1986-10-01
Westray	OWE	Orkney Islands,United Kingdom	59.3180N	3.0289W	87	From 1995-09-21
West Salem	USIL	Illinois,U.S.A.	38.4981N	88.0750W	15	
Westside ANR, Five Points	U05C	California,U.S.A.	36.3356N	120.1205W	92	From 2004-12-06 to 2007-12-06
Westside School	WESC	California,U.S.A.	32.7590N	115.7316W	-8	
West Thumb	WTW	Wyoming,U.S.A.	44.4145N	110.5710W	2365	From 1972-10-01 to 2004-03-05
West Tongariro	WTVZ	North Island,New Zealand	39.1170S	175.5895E	1160	From 2004-03-04
West Valley	WVLY	New York,U.S.A.	42.4708N	78.5683W	600	From 1977-11-03 to 2002-12-20
West Yellowstone	YWY	Montana,U.S.A.	44.6058N	111.0970W	2292	From 1974-10-01 to 2004-03-05
Wether Hill Road	WHZ	South Island,New Zealand	45.8947S	167.9470E	320	From 1993-03-01
Wetzell	WET	Bayern,Germany	49.1440N	12.8782E	613	From 1975-01-01
Wewak	WEW	Papua New Guinea	3.5544S	143.6260E	10	From 1968-09-11
Wewak	WWW	Papua New Guinea	3.5858S	143.6400E	100	From 1982-09-29 to 1999-08-25
Wewak	WEK	Papua New Guinea	3.4236S	143.6875E	10	From 1968-10-24 to 1969-02-28
Wewakk	WWKK	Papua New Guinea	3.6230S	143.6240E	442	From 1992-05-26
Whakaora	WHTZ	North Island,New Zealand	38.6678S	175.9574E	780	
Whakapapa	WPVZ	North Island,New Zealand	39.2058S	175.5458E	1220	From 2003-12-10
Whakatane	WTZ	North Island,New Zealand	37.9847S	176.9880E	43	From 1971-06-02 to 1990-11-21
Whakatau	WHH	North Island,New Zealand	38.8845S	176.4950E	921	From 1987-03-01 to 1999-08-25
Whale Back Mountain	WMOR	Oregon,U.S.A.	42.9028N	122.5920W	1860	From 1991-09-01
Wharram Farm, Highwood	C17A	Montana,U.S.A.	47.6327N	110.7626W	1080	From 2007-09-01
Wheeler Ranch, Garrison	Q13A	Utah,U.S.A.	38.9551N	114.0202W	1583	From 2007-03-02
Wheeler Ridge	WERC	California	35.0605N	119.0271W	130	From 2001-10-30
Whinburgh	AWH	England,United Kingdom	52.6300N	0.9511E	60	From 1980-05-01
Whinny Nab	LWH	England,United Kingdom	54.3335N	0.6714W	265	From 1991-01-01
Whipple Mountains 2	WH2	California,U.S.A.	34.3145N	114.4092W	1245	From 1974-10-01
Whiskey Butte	WBI	Idaho,U.S.A.	46.5826N	115.9790W	1341	From 1971-10-01 to 1976-01-14
Whiskeytown Dam	WDC	California,U.S.A.	40.5799N	122.5411W	268	From 1973-01-01
Whistler	WSLR	British Columbia,Canada	50.1265N	122.9212W	906	
Whistler	WHB	British Columbia,Canada	50.1280N	122.9550W	695	

Station Name	Code	Location	Geographical Co-ordinates	Altitude m	Remark
White Bluff	WBL	Washington,U.S.A.	46.5983N 119.4590W		
Whiteface	WNH	New Hampshire,U.S.A.	43.8683N 71.3997W	220	From 1976-01-01
Whitefish	B13A	Montana,U.S.A.	48.3739N 114.4676W	933	From 2006-09-25
White Fish Lake	WHFN	Northwest Territories	62.5592N 107.0865W	365	From 2008-07-10
Whitehall	WLZ	North Island,New Zealand	37.8411S 175.5878E	180	From 1989-10-30 to 2003-09-09
Whitehorse	WHC	Yukon Territory,Canada	60.7367N 135.0980W	734	From 1971-09-01 to 1993-08-24
Whitehorse	WH2YK	Yukon Territory,Canada	60.6947N 134.9672W	853	From 1966-11-24
Whitehorse	WH2*	Yukon Territory,Canada	60.6947N 134.9672W	853	From 1966-11-24
Whitehorse	WH-YK	Yukon Territory,Canada	60.7342N 135.1492W	762	From 1965-10-21 to 1965-11-15
Whitehorse	WH-	Yukon Territory,Canada	60.7342N 135.1492W	762	From 1965-10-21 to 1965-11-15
Whitehorse	WHY	Yukon Territory,Canada	60.6597N 134.8810W	1292	From 1993-08-27
White Island	WHZ	North Island,New Zealand	37.5283S 177.1890E	40	From 1976-12-01
White Mtn Res Sta-Crooked Creek, Bishop	S08C	California,U.S.A.	37.4993N 118.1711W	3087	From 2005-08-02 to 2007-10-03
White Oak Mountain	WMTN	Tennessee,U.S.A.	35.2480N 84.9732W	378	From 1985-07-24
White Pass	WPW	Washington,U.S.A.	46.6982N 121.5470W	1250	
White Pine	WPM	Michigan,U.S.A.	46.7515N 89.5549W	193	From 1973-01-01
White River	WTRB	British Columbia	50.1298N 126.0353W	353	From 2005-04-21
White River City	O20A	Colorado,U.S.A.	40.1348N 108.2416W	1915	From 2007-11-12
White River Glacier	WRG	Alaska,U.S.A.	60.0378N 142.0320W	550	From 1974-09-10
White Rock	WKB	British Columbia,Canada	49.0437N 122.8180W	110	
White Salmon	F05A	Washington,U.S.A.	45.8839N 121.4588W	454	From 2005-11-02 to 2008-01-26
Whites Canyon	WTCR	Nevada,U.S.A.	39.3890N 119.8392W	1890	
White Tail Canyon, San Simon	219A	Arizona,U.S.A.	31.9989N 109.2592W	1581	From 2007-03-10
Whitewater	WWR	California,U.S.A.	33.9918N 116.6560W	702	From 1975-01-01
Whiting Field	WFF	Florida,U.S.A.	30.7083N 87.0167W		From 1949-01-01 to 1956-12-31
Whitney	WHI	Hawaii,U.S.A.	19.4317N 155.2620W	1210	From 1961-01-01 to 1963-02-01
Wichita Mountains	WMOK	Oklahoma,U.S.A.	34.7379N 98.7810W	486	From 1992-09-30
Wichita Mountains Array	WMO	Oklahoma,U.S.A.	34.7182N 98.5891W	505	
Wickenburg	Y14A	Arizona,U.S.A.	33.9383N 113.0048W	730	From 2006-03-14
Wield Dalam	WDD	Malta	35.8670N 14.5230E	41	
Wiesbaden	GWBE	Hessen	50.1076N 8.1814E	271	From 2001-11-22
Wiest Lake	WLK	California,U.S.A.	33.0513N 115.4910W	-52	From 1973-04-16
Wila	WILA	Switzerland	47.4147N 8.9075E	910	
Wilburton Instructional Services Center	WISC	Washington,U.S.A.	47.6089N 122.1744W	10	
Wildcat Mountain	WCT	Nevada,U.S.A.	36.7928N 116.6257W	977	From 1981-04-08
Wildenmoos	RWMO	Bayern	47.7440N 12.7300E	763	From 2001-04-09
Wildhorse	WLDR	Nevada,U.S.A.	38.8235N 118.5747W	1798	
Wild Horse	WHU	Utah,U.S.A.	39.3806N 112.1700W	1993	From 1974-10-01 to 1981-10-31
Wild Horse Canyon	WLD	Utah,U.S.A.	38.4603N 112.8640W	1804	
Wildhorse Creek, Mackay	I13A	Idaho,U.S.A.	43.9146N 114.1169W	2104	From 2007-01-10
Wild Horse Parks	WHM	Montana,U.S.A.	46.7621N 113.1810W	1792	From 1974-09-06 to 1976-10-04
Wild Horse Valley	WGOR	Oregon,U.S.A.	42.4339N 118.6370W	1344	From 1994-06-01
Wildlife	WLJ	Utah,U.S.A.	40.6133N 111.3447W	2075	From 1992-11-04
Wilkes	WIL	Wilkes Land,Antarctica	66.2592S 110.5270E	10	From 1957-01-01 to 1966-12-23
Wilkes Camp	WIH	Hawaii,U.S.A.	19.4692N 155.5840W	4037	
Wilkinson Ranch, McDermitt	L09A	Nevada,U.S.A.	42.0192N 117.6667W	1430	From 2006-04-25 to 2008-04-02
Willalooka	WKA	South Australia,Australia	36.4170S 140.3210E	40	From 1979-03-01
Williams	WM-AZ	Arizona,U.S.A.	35.4178N 112.2150W	1920	From 1961-12-12 to 1962-05-03
Williams	WM-	Arizona,U.S.A.	35.4178N 112.2150W	1920	From 1961-12-12 to 1962-05-03
Williams	WMZ	Arizona,U.S.A.	35.1581N 112.3200W	2018	From 1986-01-31
Williams	W15A	Arizona,U.S.A.	35.1787N 112.2666W	2034	From 2006-03-11
Williamsburg	WBO	Ontario,Canada	45.0003N 75.2750W	85	From 1980-12-09
Williams Family Ranch, Las Cruces	222A	New Mexico,U.S.A.	32.1046N 107.1013W	1324	From 2008-02-14
Williams Lake	WK-	British Columbia,Canada	52.1786N 121.9817W	975	From 1962-10-17 to 1962-10-27
Williams Lake	WK-BC	British Columbia,Canada	52.1786N 121.9817W	975	From 1962-10-17 to 1962-10-27
Williams Ranch	WRC	California,U.S.A.	35.2983N 118.6120W	430	From 1952-01-01 to 1953-12-31
Williamstown	WLL	Massachusetts,U.S.A.	42.7142N 73.2111W	220	
Willow Creek	WICI	Idaho,U.S.A.	44.1750N 113.8870W	2088	
Willow Creek	WCU	Utah,U.S.A.	38.9647N 112.0907W	2673	From 1978-02-01
Willow Creek Ranch, Ely	Q12A	Nevada,U.S.A.	39.0400N 114.8299W	1625	From 2006-05-26
Willow Gulch Bison Ranch, Deer Trail	P25A	Colorado,U.S.A.	39.5125N 104.1680W	1753	From 2008-06-10
Willow Mountain	WLM	Alaska,U.S.A.	61.7736N 145.1980W	988	From 1972-02-24 to 1972-07-22
Willis Point	WP-TX	Texas,U.S.A.	32.6069N 95.8861W	161	
Willung South	WILL	Victoria,Australia	38.3393S 146.7367E	425	
Willy Bob	ANWB	Barbuda	17.6685N 61.7856W	39	
Wilmington	WNY	New York,U.S.A.	44.3910N 73.8595W	598	From 1971-10-01
Wilmington	WNC	North Carolina,U.S.A.	34.0581N 78.2461W	20	From 1976-05-03
Wilpena Pound	FR27	South Australia	31.5230S 138.6230E	534	From 2003-09-17
Wilson	WLO	Oklahoma,U.S.A.	34.0648N 97.3697W	284	From 1977-04-25
Wilson Butte	WBW	Washington,U.S.A.	48.0178N 119.1370W	826	From 1975-06-01
Wilson Creek	WCK	Kentucky,U.S.A.	36.9340N 88.8740W	137	From 1974-07-19
Wilson Peak	WPI	Idaho,U.S.A.	43.2889N 116.7500W		
Wimmis	WIMIS	Switzerland	46.6650N 7.6242E	770	
Windham	WND	New York,U.S.A.	42.3373N 74.1525W	602	From 1976-10-08
Windhoek	WIN	Namibia	22.5667S 17.1000E	1728	From 1959-01-01
Windom	WD-MN	Minnesota,U.S.A.	44.1161N 95.1550W	381	
Windom	WD-	Minnesota,U.S.A.	44.1161N 95.1550W	381	
Window Rock	V19A	Arizona,U.S.A.	35.7147N 109.0456W	2082	From 2007-05-10
Windsor	WNR	Ontario,Canada	42.2583N 83.1056W	-122	From 1978-03-08 to 1979-04-30
Windy Craggy	WCBC	British Columbia,Canada	59.6278N 137.7160W	750	From 1988-06-10 to 1990-08-06
Winnéba	WIGH	Ghana	5.3636N 0.6189W	64	From 1987-01-01
Winnemucca	WMN	Nevada,U.S.A.	40.9800N 117.9200W	1524	From 1974-03-01 to 1975-07-31
Winnemucca	WI-	Nevada,U.S.A.	41.3506N 117.4583W	1524	From 1961-12-10 to 1964-03-03
Winnemucca	WI-NV	Nevada,U.S.A.	41.3506N 117.4583W	1524	From 1961-12-10 to 1964-03-03
Winner	WN-SD	South Dakota,U.S.A.	43.2522N 100.1961W	792	From 1961-12-01 to 1966-10-31
Winner	WN-	South Dakota,U.S.A.	43.2522N 100.1961W	792	From 1961-12-01 to 1966-10-31
Winslow	WO-AZ	Arizona,U.S.A.	34.8814N 110.6208W	1585	From 1964-04-01 to 1965-10-04
Winslow	W17A	Arizona,U.S.A.	35.0789N 110.7127W	1461	From 2007-04-28
Winslow	WO-	Arizona,U.S.A.	34.8814N 110.6208W	1585	From 1964-04-01 to 1965-10-04
Winters	Q03C	California,U.S.A.	38.6333N 122.0145W	108	From 2005-06-28 to 2007-12-04
Wintersburg	Z14A	Arizona,U.S.A.	33.3627N 112.9458W	297	From 2006-03-16
Winterswijk	WTS	Netherlands	51.9956N 6.8100E	43	From 1976-07-01 to 2005-05-27
Winterswijk	NE40	Netherlands	51.9755N 6.7350E	37	
Winterswijk	WTSB	Netherlands	51.9663N 6.7989E	43	
Winthrop	B07A	Washington,U.S.A.	48.4607N 120.1197W	781	From 2006-09-15 to 2008-05-15
Wisdom	F14A	Montana,U.S.A.	45.8122N 113.3699W	1851	From 2006-10-19
Wishkah	WISH	Washington,U.S.A.	47.1172N 123.7699W	45	
Wishkah Elem. School, Wishkah	D03A	Washington,U.S.A.	47.1161N 123.7714W	31	From 2004-09-16 to 2008-02-13
Wister	WIS	California,U.S.A.	33.2760N 115.5930W	-68	
Witteveen	WIT	Netherlands	52.8133N 6.6683E	17	From 1982-07-01
Witteveen	NE04	Netherlands	52.8133N 6.6683E	17	From 1982-07-01
Witton	AW1	England,United Kingdom	52.8319N 1.4471E	46	From 1983-01-01
Wittsburg Lake	WLA	Arkansas,U.S.A.	35.1860N 90.7160W	113	From 1979-08-02
Witu Islands	WITU	New Britain,Papua New Guinea	4.6925S 149.4890E	100	From 1983-11-24
Wivenhoe Hill 3	WWHQ	Queensland,Australia	27.3702S 152.5872E		From 1984-07-12
W Memph W Sta	HDAR	Tennessee,U.S.A.	35.1536N 90.0893W	0	
Wolfboro	WBNH	New Hampshire,U.S.A.	43.6040N 71.0990W	200	
Wollersheim	BA14	Nordrhein-Westfalen	50.6717N 6.5661E	239	From 2006-10-01
Wollman Farm, Schrag	D08A	Washington,U.S.A.	47.0573N 118.9210W	385	From 2006-08-29
Wolverton	WOL	England,United Kingdom	51.3127N 1.2228W	156	
Wolverton North	WON	England,United Kingdom	51.3275N 1.2008W	104	
Wonder Ranch	GWRM	California,U.S.A.	39.2072N 123.3000W	658	
Wongan Hills	WA1	Western Australia,Australia	30.9098S 116.7280E	260	From 1973-01-31 to 1973-05-19
Wonju	KSWON	South Korea	37.3342N 127.9426E	149	From 1999-04-20
Wonju	KSWJU	South Korea	37.4034N 128.0526E	385	From 2005-11-24
Wonju Array Beam Reference Point	KSAR	South Korea	37.4421N 127.8844E	109	
Wonju Array Site 1	KS01	South Korea	37.4766N 127.8940E	185	
Wonju Array Site 10	KS10	South Korea	37.4961N 127.9302E	210	
Wonju Array Site 11	KS11	South Korea	37.4808N 127.9535E	122	
Wonju Array Site 12	KS12	South Korea	37.4644N 127.9427E	176	
Wonju Array Site 13	KS13	South Korea	37.4458N 127.9302E	126	
Wonju Array Site 14	KS14	South Korea	37.4336N 127.9094E	132	
Wonju Array Site 16	KS16	South Korea	37.4516N 127.8557E	123	
Wonju Array Site 17	KS17	South Korea	37.4674N 127.8407E	139	
Wonju Array Site 18	KS18	South Korea	37.4861N 127.8444E	164	
Wonju Array Site 19	KS19	South Korea	37.5019N 127.8669E	276	
Wonju Array Site 2	KS02	South Korea	37.4953N 127.9032E	233	
Wonju Array Site 3	KS03	South Korea	37.4783N 127.9177E	155	
Wonju Array Site 32	KS32	South Korea	37.5778N 127.9519E	232	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Wonju Array Site 33	KS33	South Korea	37.7561N	128.0260E	250	
Wonju Array Site 34	KS34	South Korea	37.6028N	128.1480E	264	
Wonju Array Site 35	KS35	South Korea	37.4694N	128.0685E	177	
Wonju Array Site 36	KS36	South Korea	37.5679N	127.7190E	131	
Wonju Array Site 37	KS37	South Korea	37.7153N	127.7975E	122	
Wonju Array Site 4	KS04	South Korea	37.4566N	127.9207E	123	
Wonju Array Site 5	KS05	South Korea	37.4574N	127.8924E	139	
Wonju Array Site 6	KS06	South Korea	37.4708N	127.8719E	408	
Wonju Array Site 7	KS07	South Korea	37.4874N	127.8727E	237	
Wonju Array Site 8	KS08	South Korea	37.5153N	127.8882E	277	
Wonju Array Site 9	KS09	South Korea	37.5108N	127.9224E	323	
Wonju Array Sites 15 and 31	KS15	South Korea	37.4421N	127.8844E	112	
Wooded Island	WIW	Washington,U.S.A.	46.4293N	119.2877W	128	From 1970-07-01
Wood Farm, Starbuck	E09A	Washington,U.S.A.	46.5139N	118.1455W	304	From 2008-09-26
Woodlark Island	WDIS	D'Entrecasteaux Islands,Papua New Guinea	9.0850S	152.7190E	80	From 1983-11-21
Wood River Hill	WRH	Alaska,U.S.A.	64.4713N	148.0900W	314	
Woodside	JWSM	California,U.S.A.	37.4180N	122.2720W	280	From 1966-12-21
Woodside	WDS	California,U.S.A.	37.4180N	122.2720W	280	From 1966-12-21
Woodside	LT6	California,U.S.A.	37.4180N	122.2720W	280	From 1966-12-21
Woodstock	WOO	Maryland,U.S.A.	39.3333N	76.8750W		
Wood Valley	WOH	Hawaii,U.S.A.	19.2513N	155.5020W	909	
Woodward Ranch, Alpine	527A	Texas,U.S.A.	30.1456N	103.6119W	1419	From 2008-03-06
Woody	WDY	California,U.S.A.	35.7000N	118.8430W	500	From 1952-08-05 to 1970-08-27
Woody Point	WPA	Queensland,Australia	27.2603S	153.2560E	10	
Woolbar	WOOL	Western Australia,Australia	31.0730S	121.6780E	325	From 1994-06-01
Woomera	WSA	South Australia,Australia	31.1450S	136.8050E		
Worcester	WOR	Massachusetts,U.S.A.	42.2667N	71.8000W	203	
Workman Tunnel	WTX	New Mexico,U.S.A.	34.0722N	106.9460W	1555	
Work Ranch	PWKM	California,U.S.A.	35.8145N	120.5110W	503	
Work Ranch	WKR	California,U.S.A.	35.8145N	120.5110W	503	
Work Ranch	PK2	California,U.S.A.	35.8145N	120.5110W	503	
Woronora	WRNM	New South Wales,Australia	34.1414S	150.9516E	259	
Worthington Mountains	WRN	Nevada,U.S.A.	37.9815N	115.5906W	1743	From 1979-06-08 to 2002-10-10
Woss	WOSB	British Columbia,Canada	50.1607N	126.5704W	955	
Woudbloem	WDB	Netherlands	53.2090N	6.7349E	-2	
Wrangell Chichokna Glacier	WACK	Alaska,U.S.A.	61.9863N	144.3284W	2280	
Wrangell Island	WRAK	Alaska,U.S.A.	56.4191N	132.3466W	80	
Wrangell North Crater	WANC	Alaska,U.S.A.	62.0031N	144.0699W	4190	
Wright Ranch	NWRM	California,U.S.A.	38.4570N	122.8880W	50	From 1970-08-14
Wright's Hill	WHW	North Island,New Zealand	41.2975S	174.7380E	383	From 1975-09-26 to 2003-08-15
Wright State University--Celina	WSCO	Ohio,U.S.A.	40.5460N	84.5090W	270	
Wright State University--Dayton	WSDO	Ohio,U.S.A.	39.7830N	84.0630W	289	
Wristen Ranch, Grandfalls	328A	Texas,U.S.A.	31.3818N	102.8097W	755	From 2008-04-22
Wroclaw	BRE	Poland	51.0742N	16.9994E	125	From 1928-01-01 to 1945-01-01
Wuestenhain	WUET	Sachsen,Germany	51.0093N	12.5802E	196	From 2004-07-08
Wu-fen Shan	NWF	Taiwan region	25.0710N	121.7810E	765	
Wu-fen Shan	WFSB	Taiwan region	25.0710N	121.7810E	100	
Wuhan	WUH	Hubei,China	30.5267N	114.5580E	50	
Wuhan	WUC	Hubei,China	30.5436N	114.3500E	26	
Wuhan	WHN	Hubei,China	30.5436N	114.3500E	26	
Wulai	TWU	Taiwan region	24.8775N	121.5336E	330	From 1977-11-08
Wupatki	WUAZ	Arizona,U.S.A.	35.5169N	111.3739W	1592	
Wushi	WUS	Xinjiang Uygur Zizhiqu,China	41.1990N	79.2180E	1457	From 1988-10-21
Wuwei	WUW	Gansu,China	37.9283N	102.6380E		
Wyandotte	OWYM	California,U.S.A.	39.4530N	121.4870W	168	
Wyandotte	OWAM	California,U.S.A.	39.4530N	121.4870W	168	From 1975-08-05
Wyandotte Cave	WCI	Indiana,U.S.A.	38.2290N	86.2938W	500	
Wyangala	WYA	New South Wales,Australia	33.9269S	148.9240E		
Wyhlen	WYH	Baden-Wuerttemberg,Germany	47.5508N	7.7018E	310	From 1987-04-14
Wykoff	WF-	Minnesota,U.S.A.	43.8014N	92.3731W	381	From 1964-08-30 to 1964-11-24
Wykoff	WF-MN	Minnesota,U.S.A.	43.8014N	92.3731W	381	From 1964-08-30 to 1964-11-24
Wynnborg	WYBT	Tennessee,U.S.A.	36.3477N	89.4975W	82	
Wynne	WY-	Arkansas,U.S.A.	35.6122N	90.7069W	122	
Wynne	WY-AR	Arkansas,U.S.A.	35.6122N	90.7069W	122	
Wyoming Array	WYO	Wyoming,U.S.A.	42.7778N	109.5556W	2190	From 1977-06-20 to 1999-08-25
Wyoming Array	WYO	Wyoming,U.S.A.	42.7778N	109.5560W	2190	From 1977-06-20 to 1999-08-25
X Bar L Ranch, Newkirk	W25A	New Mexico,U.S.A.	35.2177N	104.4606W	1446	From 2008-04-24
Xhotanan	XTNZ	Armenia	39.2800N	46.3800E	0	
Xi'an	XAN	Shaanxi,China	34.0394N	108.9214E	630	
Xi'an	SIA	Shaanxi,China	34.2483N	108.9200E	395	
Xi'an	SPE	Shaanxi,China	34.0394N	108.9210E	630	
Xingo	XIN	Alagoas,Brazil	9.4483S	37.8364W	285	From 1991-01-01
Xining	SNN	Qinghai,China	36.6200N	101.7820E		
Xorichti	XOR	Greece	39.3661N	23.1919E	500	From 1996-01-01
Yaak	YKM	Montana,U.S.A.	48.8620N	115.7120W	1509	From 1976-10-01 to 2004-03-11
Yaak River Ranch, Troy	A12A	Montana,U.S.A.	48.9339N	115.6526W	928	From 2006-09-27
Yadsworth	DYA	England,United Kingdom	50.4352N	3.9309W	280	From 1982-01-01
Yagi	YAG	Nara,Japan	34.5167N	135.8000E	63	
Yagi	YGI	Wakayama,Japan	34.0681N	135.5119E	180	
Yagishiri	JYG	Rumoi,Japan	44.4268N	141.4265E	35	
Yahiko	YHKE	Niigata,Japan	37.7336N	138.8030E	30	
Yahtse	YAH	Alaska,U.S.A.	60.3633N	141.7450W	2135	From 1974-09-05
Yakak	AD5	Alaska,U.S.A.	51.6289N	176.9250W	152	From 1974-01-01 to 1992-02-01
Yakataga	YKGM	Alaska,U.S.A.	60.0700N	142.4220W	46	From 1972-10-08
Yakedake	YKE	Gifu,Japan	36.2743N	137.5730E	1160	
Yakima	E06A	Washington,U.S.A.	46.5433N	120.9791W	911	From 2006-08-28 to 2008-05-13
Yakima	YA-WA	Washington,U.S.A.	46.5000N	119.9200W	610	From 1963-01-29 to 1963-03-29
Yakima	YAKW	Washington,U.S.A.	46.5211N	120.5290W	619	
Yakima	YA-	Washington,U.S.A.	46.5000N	119.9200W	610	From 1963-01-29 to 1963-03-29
Yakoun River	QURY	British Columbia,Canada	53.3763N	132.2225W	238	
Yakumo	JYM	O shima,Japan	42.2012N	140.2533E	170	
Yakumo 2	JYM2	O shima,Japan	42.1172N	140.3700E	120	
Yaku shima	YKS	Ryukyu Islands,Japan	30.4500N	130.4970E	15	
Yakutat	YKT	Alaska,U.S.A.	59.3686N	138.8770W	372	From 1972-10-06 to 1974-09-30
Yakutat	YKU2	Alaska,U.S.A.	59.5121N	139.6710W	10	
Yakutat	YKU	Alaska,U.S.A.	59.5531N	139.7290W	20	From 1978-05-01 to 2004-05-13
Yakutsk	YAK	Sakha,Russia	62.0311N	129.6811E	91	
Yaldymych	YAT	Tajikistan	39.0500N	70.4300E	1410	
Yale	YLE	Connecticut,U.S.A.	41.3150N	72.9365W	5	
Yal??k??y-??atalca	CTYL	Turkey	41.4750N	28.2891E	77	From 2007-09-29
Yallahs	YHJ	Jamaica	17.8920N	76.4930W	600	
Yalova	YLV	Turkey	40.5667N	29.3728E	829	From 1982-01-01
Yalta	YAL	Ukraine	44.4875N	34.1547E	23	
Yamagata	YAMJ	Yamagata,Japan	38.1733N	140.0370E	180	From 1978-01-01
Yamagata	YAM	Yamagata,Japan	38.2533N	140.3483E	153	
Yamanlar	YAMN	Turkey	38.5531N	27.1575E	997	
Yamasaki	YZT	Hyogo,Japan	35.1030N	134.5065E	320	From 1996-04-01 to 1999-07-01
Yamasaki	K02	Iwate,Japan	39.3744N	141.5967E	346	
Yamba Lake	YMBN	Northwest Territories,Canada	64.8742N	111.5325W	438	
Yamba Lake Northeast	YNEN	Northwest Territories,Canada	65.0883N	111.0500W	463	
Yambol	JMB	Bulgaria	42.4667N	26.5833E	216	From 1983-08-01
Yamhill	G03A	Oregon,U.S.A.	45.3153N	123.2811W	208	From 2006-07-15 to 2008-01-25
Yamizu	YMZU	Tochigi,Japan	36.9232N	140.2460E	500	From 1976-06-18
Yamizo	YMZ	Tochigi,Japan	36.9241N	140.2479E	500	From 1976-06-18
Yana	YANA	Ecuador	0.1182S	78.5712W	3780	From 1988-09-27
Yanaizu	JFY	Fukushima,Japan	37.4068N	139.7048E	420	
Yanbu' al Bahr	YNBS	Saudi Arabia	24.3396N	37.9939E	210	
Yangiyul	YNGY	Uzbekistan	41.1100N	69.0400E	352	
Yangoru	YAN	Papua New Guinea	3.6583S	143.2920E	219	
YANGPYEONG	KSYAP	South Korea	37.4848N	127.4913E	47	From 2000-01-27
Yanliu Village	TEYL	Taiwan region	23.8680N	121.5980E	30	From 1998-08-07
Yaongimsen	YYI	Assam,India	26.5667N	94.6833E	707	From 1979-01-01
Yaounde	YND	Cameroon	3.8700N	11.4600E	750	From 1982-02-01 to 1986-04-23
Yaqui Meadows	YAQ	California,U.S.A.	33.1680N	116.3500W	441	
Yar	YAR	Cuba	20.3700N	76.3600W	200	
Yasaka	JKY	Kyoto,Japan	35.6285N	135.1040E	260	
Yasato	JYT	Ibaraki,Japan	36.2277N	140.1940E	31	
Yasawairara	YSA	Fiji	16.6980S	177.5777E	50	From 1984-09-22
Yasnyy	YASR	Amurskaya Oblast',Russia	53.2900N	127.9800E	330	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Yasuok	JNY	Nagano,Japan	35.3583N	137.8617E	800	
Yate Dam	BAYA	New Caledonia	22.1540S	166.8850E	163	From 2007-10-01
Yattir	YTIR	Israel	31.3630N	35.1160E	902	
Yautepac	YAIG	Morelos,Mexico	18.8620N	99.0670W	1340	
Yava	X14A	Arizona,U.S.A.	34.4692N	112.8906W	1077	From 2006-03-12
Yavi	YJA	Jujuy,Argentina	22.1760S	65.5143W	3589	
Yayladag	YAYL	Turkey	36.0343N	36.1070E	1225	From 2006-11-27
Yayoi	YAY	Aomori,Japan	40.6572N	140.3782E	270	
Yeelanna, site6	YE6	South Australia	34.1589S	135.8323E	180	From 2003-12-11
Yeguas Mountain	YEG	California,U.S.A.	35.4363N	119.9590W	939	
Yeheng	YHNB	Taiwan region	24.6697N	121.3757E	775	
Yell	YELU	Shetland Islands,United Kingdom	60.5509N	1.0830W	200	
Yell	YEL1	Shetland Islands,United Kingdom	60.5509N	1.0830W	203	From 1979-01-01
Yellepit	YPT	Washington,U.S.A.	46.0488N	118.9622W	325	
Yellice	YELT	Turkey	40.4962N	29.1738E	765	From 1994-01-01
Yellow Bay	YBMT	Montana,U.S.A.	47.8633N	114.0115W	1415	
Yellow Creek Bluff	YCB	Alaska,U.S.A.	56.6483N	158.6820W	320	From 1974-01-01
Yellowknife	YKC	Northwest Territories,Canada	62.4783N	114.4730W	198	From 1964-07-15
Yellowknife	RSNT	Northwest Territories,Canada	62.4797N	114.5920W	50	From 1982-01-01 to 1987-12-31
Yellowknife Ar.	YKR8	Northwest Territories,Canada	62.4932N	114.6050W	197	From 1962-01-01
Yellowknife Array	YKR0	Northwest Territories,Canada	62.4931N	114.5090W	205	From 1962-01-01 to 1976-05-31
Yellowknife Array Beam Reference Point	YKA	Northwest Territories,Canada	62.4932N	114.6053W	197	From 1962-01-01
Yellowknife Array Site B0	YKB0	Northwest Territories,Canada	62.6059N	114.6050W	221	From 1962-01-01
Yellowknife Array Site B1	YKB1	Northwest Territories,Canada	62.4024N	114.6054W	172	From 1962-01-01
Yellowknife Array Site B2	YKB2	Northwest Territories,Canada	62.4248N	114.6054W	180	From 1962-01-01
Yellowknife Array Site B3	YKB3	Northwest Territories,Canada	62.4486N	114.6052W	187	From 1962-01-01
Yellowknife Array Site B4	YKB4	Northwest Territories,Canada	62.4711N	114.6049W	192	From 1962-01-01
Yellowknife Array Site B6	YKB6	Northwest Territories,Canada	62.5165N	114.6050W	202	From 1962-01-01
Yellowknife Array Site B7	YKB7	Northwest Territories,Canada	62.5390N	114.6053W	204	From 1962-01-01
Yellowknife Array Site B8	YKB8	Northwest Territories,Canada	62.5616N	114.6047W	197	From 1962-01-01
Yellowknife Array Site B9	YKB9	Northwest Territories,Canada	62.5829N	114.6039W	213	From 1962-01-01
Yellowknife Array Site R1	YKR1	Northwest Territories,Canada	62.4927N	114.9456W	170	From 1962-01-01
Yellowknife Array Site R2	YKR2	Northwest Territories,Canada	62.4928N	114.8964W	175	From 1962-01-01
Yellowknife Array Site R3	YKR3	Northwest Territories,Canada	62.4930N	114.8477W	176	From 1962-01-01
Yellowknife Array Site R4	YKR4	Northwest Territories,Canada	62.4928N	114.7995W	173	From 1962-01-01
Yellowknife Array Site R5	YKR5	Northwest Territories,Canada	62.4933N	114.7499W	182	From 1962-01-01
Yellowknife Array Site R6	YKR6	Northwest Territories,Canada	62.4933N	114.7014W	192	From 1962-01-01
Yellowknife Array Site R7	YKR7	Northwest Territories,Canada	62.4934N	114.6537W	198	From 1962-01-01
Yellowknife Array Site R9	YKR9	Northwest Territories,Canada	62.4932N	114.5558W	201	From 1962-01-01
Yellowknife Array Sites B5 and R8	YKB5	Northwest Territories,Canada	62.4932N	114.6053W	196	From 1962-01-01
Yellowknife Array Site W1	YKW1	Northwest Territories,Canada	62.4932N	114.5090W	198	
Yellowknife Array Site W2	YKW2	Northwest Territories,Canada	62.4248N	114.6054W	200	
Yellowknife Array Site W3	YKW3	Northwest Territories,Canada	62.5608N	114.6160W	198	
Yellowknife Array site W4	YKW4	Northwest Territories,Canada	62.4922N	114.7419W	200	
Yellowpoint	PHYB	British Columbia,Canada	49.0828N	123.8431W	0	From 2004-05-05
Yellow Rock	YEL	Washington,U.S.A.	46.2097N	122.1880W	1750	
Yellowstone Ranch, Lander	K20A	Wyoming,U.S.A.	42.6579N	108.3418W	1736	From 2007-11-09
Yel'tsovka	ELT	Altayskiy Kray,Russia	53.2611N	86.2389E	215	
Yen Tu	YTV	Vietnam	21.1570N	106.7170E	0	From 2001-01-01
YEONGCHEON	KSYOC	South Korea	35.9713N	128.9522E	94	From 2000-11-20
Yeongdeok	KSYOD	South Korea	36.5000N	129.4000E	41	From 2000-03-09
YEONGJU	KSYOJ	South Korea	36.8680N	128.5181E	210	From 2000-11-22
Yeongwol	KSYOW	South Korea	37.1737N	128.4558E	239	From 2000-02-22
Yeosu	KSYOS	South Korea	34.7350N	127.7390E	66	From 2000-02-09
YEOSU	KSYSU	South Korea	35.1027N	127.5968E	557	From 2006-12-30
Yerba Buena Island	CYBM	California,U.S.A.	37.8113N	122.3610W	24	
Yerba Buena Island	YBIB	California,U.S.A.	37.8142N	122.3592W	-88	
Yerevan	ERE	Armenia	40.1700N	44.4700E	998	From 1932-01-01
Yerkesik	YER	Turkey	37.1347N	28.2828E	730	From 1974-07-01
Yerranderie	YERM	New South Wales,Australia	34.1425S	150.2321E	554	
Yiju	CHN8	Taiwan region	23.3460N	120.2110E	6	
Yilanlidag	MUGL	Turkey	37.2075N	28.4675E	1465	From 2002-11-08 to 2003-05-25
Yinchuan	YNC	Ningxia,China	38.4750N	106.2700E		
Yingkou	YIN	Liaoning,China	40.6667N	122.2333E	2	From 1934-01-01 to 1937-12-31
Ylistaro	YAF	Finland	63.0422N	22.6715E	55	From 1989-06-06
YMCA Camp	YCM	Montana,U.S.A.	46.5256N	112.3940W	1597	From 1974-08-06 to 1976-10-04
Yogyakarta	YOGI	Jawa	7.8170S	110.2950E	0	From 2005-01-01
Yokaichiba	YKI	Chiba,Japan	35.7185N	140.5088E	-142	
Yokohama	YOK	Kanagawa,Japan	35.4367N	139.6567E	38	
Yokooka	YOKT	Akita,Japan	39.1600N	139.9800E	260	
Yokosk	JYO	Kanagawa,Japan	35.2238N	139.6653E	80	
Yokosuka	YSK	Kanagawa,Japan	35.3167N	139.6500E		
Yo Mokole	YOMI	Irian Jaya,Indonesia	2.6428S	140.5600E	260	
Yonago	YON	Tottori,Japan	35.4317N	133.3417E	7	
Yonago 2	YONJ	Tottori,Japan	35.1883N	133.4630E	320	
Yonaguni jima	YOJ	Ryukyu Islands,Japan	24.4617N	123.0108E	32	
Yonaguni jima 2	YJY	Ryukyu Islands,Japan	24.4502N	122.9437E	22	
Yonkie	YYNY	Papua New Guinea	6.2412S	145.9690E	1314	From 1988-06-02
Yorkshire	YSNY	New York,U.S.A.	42.4758N	78.5375W	628	From 1993-08-18 to 2002-12-20
Yoshimatsu	YSM	Kagoshima,Japan	32.0267N	130.7361E	215	
Yoshimatsu	YOSD	Kagoshima,Japan	32.0006N	130.7278E	315	
Yoshiwara	YOS	Shizuoka,Japan	35.1667N	138.6830E		
Yoshizawa	YJZW	Shizuoka,Japan	34.9960N	137.7337E	93	
Youbou, Lake Cowichan	YOUB	British Columbia,Canada	48.9010N	124.2618W	771	
Young	YOU	New South Wales,Australia	34.2783S	148.3817E	503	From 1974-07-01 to 1998-08-17
Young	YNG	New South Wales,Australia	34.2980S	148.3963E	460	From 1999-01-01
Youngstown State University	YSUO	Ohio,U.S.A.	41.1041N	80.6481W	274	
Youssef Ben Tachfine	YBT	Morocco	29.8481N	9.6650W	140	
Yozgat	YOZ	Turkey	39.6400N	35.3200E	1422	
Yr Eifi	YRE	Wales,United Kingdom	52.9810N	4.4254W	197	From 1984-01-01
Yreka	YR-	California,U.S.A.	41.6353N	122.7539W	914	From 1965-10-25 to 1967-10-06
Yreka	YR-CL	California,U.S.A.	41.6353N	122.7539W	914	From 1965-10-25 to 1967-10-06
Yreka Blue Horn	YBH	California,U.S.A.	41.7320N	122.7104W	1059	From 1993-07-24
Yuanlin Township	WYL	Taiwan region	23.9610N	120.5800E	25	
Yuasa	YAS	Wakayama,Japan	34.0328N	135.1822E	10	
Yuba Gap, Truckee	P05C	California,U.S.A.	39.3028N	120.6077W	1756	From 2005-06-07 to 2007-10-13
Yucca	X13A	Arizona,U.S.A.	34.5935N	113.8302W	889	From 2006-03-14
Yucca Flat NTS	YF2NV	Nevada,U.S.A.	37.0694N	116.0122W	1260	
Yucca Flat NTS	YF4NV	Nevada,U.S.A.	37.0747N	116.0367W	1244	
Yucca Flat NTS	YF3NV	Nevada,U.S.A.	37.0728N	116.0242W	1254	
Yucca Flat NTS	YF-NV	Nevada,U.S.A.	37.0683N	116.0019W	1271	
Yucca Mountain	YMT6	Nevada,U.S.A.	36.8557N	116.4000W	1149	From 1981-04-01 to 2002-10-10
Yucca Mountain	YM-NV	Nevada,U.S.A.	36.9314N	116.5542W	1341	
Yucca Mountain	YMT1	Nevada,U.S.A.	36.8539N	116.5300W	1002	
Yucca Mountain	YMT2	Nevada,U.S.A.	36.7853N	116.4866W	1079	From 1981-03-05 to 2002-12-10
Yucca Mountain	YMT3	Nevada,U.S.A.	36.7860N	116.4130W	1088	
Yucca Mountain	YMT4	Nevada,U.S.A.	36.8487N	116.4503W	1283	From 1981-04-01 to 2002-10-10
Yucca Mountain	YMT5	Nevada,U.S.A.	36.8987N	116.4534W	1381	From 1981-04-01 to 2002-10-10
Yuchr	TYC	Taiwan region	23.9040N	120.8570E	20	
Yuen Ng Fan	YHK	Hong Kong,China	22.3792N	114.3350E	87	
Yuha Desert	YUH	California,U.S.A.	32.6477N	115.9230W	186	
Yuktali	YKLR	Sakha	56.5915N	121.6542E	417	From 2004-07-04
Yuli	TWF1	Taiwan region	23.3522N	121.2970E	260	From 1977-08-26
Yuli	TWF	Taiwan region	23.3492N	121.2960E	180	From 1974-01-30
Yu-li	YULB	Taiwan region	23.3924N	121.2973E	295	
Yuma	112A	Arizona,U.S.A.	32.5356N	114.5804W	87	From 2007-05-06
Yuma Desert	YMD	Arizona,U.S.A.	32.5547N	114.5450W	76	
Yuma Proving Grounds (US Army), Dateland	Z13A	Arizona,U.S.A.	33.1999N	113.6568W	375	From 2008-02-07
Yumen	YUM	Gansu,China	40.2967N	97.0150E		
Yumesaki	YST	Hyogo,Japan	35.0008N	134.6285E	220	
Yumurtalik	YUMT	Turkey	36.7710N	35.7880E	27	From 1994-03-01
Yung-K'ang	TAI1	Taiwan region	23.0400N	120.2280E	-190	
Yunotani	YNT	Niigata,Japan	37.2233N	139.0145E	170	
Yupe	YPE	El Salvador	14.1217N	89.6806W	1581	
Yupiltepeque	YUP	Guatemala	14.2013N	89.8015W	1430	From 1980-08-01
YUREGIR	YURE	Turkey	36.8259N	35.6324E	491	From 2006-12-01
Yu-Shan	YUS	Taiwan region	23.4893N	120.9520E	3845	
Yuwa	JYW	Akita,Japan	39.5403N	140.2085E	30	
Yuzawa	YZU	Niigata,Japan	36.8952N	138.7813E	600	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
Yuzh-Kuril'sk	YUK	Sakhalinskaya Oblast',Russia	44.0347N	145.8614E	28	
Yuzh-Sakhalinsk	YSS	Sakhalinskaya Oblast',Russia	46.9539N	142.7550E	98	
Zabid	ZBID	Yemen	14.1958N	43.3167E	0	
Zabrze	ZAB	Poland	50.3014N	18.7944E	258	
Zacatic	ZAC	Chiapas,Mexico	17.2500N	92.7610W	380	
Zacatecas	ZAIG	Zacatecas,Mexico	22.7690N	102.5670W	2537	
Zafferana	ZA1	Sicily,Italy	37.6853N	15.0900E	875	
Zaghouan	ZGN	Tunisia	36.3700N	10.1000E	720	
Zagreb	ZAG*	Croatia	45.8167N	15.9833E	155	From 1906-04-04 to 1983-12-31
Zagreb	ZAG	Croatia	45.8270N	15.9870E	188	From 1983-01-01
Zahedan	ZHSF	Iran	29.6110N	60.7750E	1575	From 1999-10-10
Zahran al Janub	DJNS	Saudi Arabia	17.7014N	43.5449E	2250	
Zaio	ZAI	Morocco	34.9700N	2.7460W	750	
Zakamensk	ZAK	Buryatiya,Russia	50.3819N	103.2806E	1200	
Zakros	ZKR	Crete,Greece	35.1147N	26.2170E	270	
Zalesovo	ZAL	Altayskiy Kray,Russia	53.9367N	84.7981E	213	
Zalesovo Array Site A0	ZAA0	Asia	53.9481N	84.8188E	229	
Zalesovo Array Site A1	ZAA1	Asia	53.9524N	84.8190E	246	
Zalesovo Array Site A2	ZAA2	Asia	53.9439N	84.8237E	207	
Zalesovo Array Site A3	ZAA3	Asia	53.9477N	84.8091E	242	
Zalesovo Array Site B1	ZAB1	Asia	53.9637N	84.8308E	245	
Zalesovo Array Site B2	ZAB2	Asia	53.9488N	84.8462E	253	
Zalesovo Array Site B3	ZAB3	Asia	53.9368N	84.8342E	234	
Zalesovo Array Site B4	ZAB4	Asia	53.9377N	84.7985E	199	
Zalesovo Array Site B5	ZAB5	Asia	53.9566N	84.7972E	195	
Zalesovo Beam	ZALV	Altayskiy Kray,Russia	53.9481N	84.8188E	229	
Zalf	ZALF	Syria	32.9221N	37.3342E	532	From 1994-12-01
Zalla	LZLA	Libya	28.5537N	17.5613E	239	
Zamaca	PT04	Peru	14.6717S	75.6150W	400	
Zamans	EZAM	Spain	42.1490N	8.6950W	398	From 1986-12-01
Zamboanga	ZMP	Mindanao,Philippines	6.9196N	122.0633E	0	From 1982-09-23 to 1997-01-01
Zamboanga City	ZMPH	Mindanao,Philippines	6.9540N	122.0640E	59	
Zamora	NE28	Spain	41.4140N	5.7550W	720	
Zanguenga, Chorrera	ZANG	Panama	8.9561N	79.8667W	110	From 2004-10-01
Zanoah	ZNH	Israel	31.6770N	35.0000E	440	
Zante	ZAN	Greece	37.6500N	20.6667E	4	
Zapallar	ZACH	Valparaiso,Chile	32.5533S	71.4583W	44	
Zapla	AZAP	Jujuy,Argentina	24.2245S	65.0663W	2159	
Zaqatala	ZKT	Azerbaijan	41.6540N	46.6670E	530	From 1979-01-01
Zarasai	IZAR	Lithuania	55.7497N	26.2458E	184	
Zarechye	ZRHB	Buryatiya,Russia	52.5540N	107.1520E	480	From 1999-12-01
Zatriq	ZATK	Montenegro	42.4481N	20.6231E	1021	From 2008-07-01
Zavalia	ZAV	Texas,U.S.A.	31.1192N	94.5453W		
Zavodnje	ZAVS	Slovenia	46.4342N	15.0246E	741	From 2005-08-11
Zavoj/Pirot	ZAPS	Serbia	43.2967N	22.6167E	637	From 2004-10-22
Zeckenberg-Ebnath	MZEK	Bayern,Germany	49.9626N	11.9474E	627	From 2001-04-24
Zefat	SAF	Israel	32.9600N	35.4950E	800	
Zefreh	IZEF	Iran	32.8956N	52.3291E	1953	From 2000-09-01
Zelena Hora	ZHC	Czech Republic	50.0706N	12.3087E	631	From 1996-01-10
Zelenaya	ZLN	Kamchatskaya Oblast',Russia	56.0169N	160.8039E	1120	
Zerenda	ZRNK	Kazakhstan	52.9508N	69.0042E	384	From 1994-07-22
Zerenda array site	ZRN9	Kazakhstan	52.9771N	69.0027E	368	From 1995-08-12
Zerenda array site	ZRN6	Kazakhstan	52.9271N	69.0337E	405	From 1995-08-12
Zerenda array site	ZRN7	Kazakhstan	52.9294N	68.9772E	388	From 1995-08-12
Zerenda array site	ZRN8	Kazakhstan	52.9546N	68.9633E	364	From 1995-08-12
Zerenda array site	ZRN4	Kazakhstan	52.9704N	69.0323E	382	From 1995-08-12
Zerenda array site	ZRN5	Kazakhstan	52.9461N	69.0485E	407	From 1995-08-12
Zerhoun	ZER	Morocco	34.0190N	5.4700W	1118	
Zeya	ZE	Amurskaya Oblast',Russia	53.7380N	127.2500E	273	
Zfri	ZFRI	Israel	30.5540N	35.1780E	-37	
Zihuatanejo	ZHGX	Guerrero,Mexico	17.6083N	101.4650W		
Zihuatanejo	ZIIG	Guerrero,Mexico	17.6067N	101.4650W	32	
Zihuatanejo	ZIHF	Guerrero,Mexico	17.6100N	101.4620W	5	
Zimchurud	ZIM	Tajikistan	38.7667N	68.8000E		
Zishin	ZIS	Guatemala	14.0333N	90.4550W	50	From 1979-09-01
Zocca	ZCCA	Italy	44.3509N	10.9765E	700	
Zomba	ZOMB	Malawi	15.3833S	35.3500E	885	From 2006-06-01
Zonda	ZON	San Juan,Argentina	31.5458S	68.6786W	730	
Zongo (La Paz)	ZOBO	Bolivia	16.2694S	68.1240W	4397	
Zongo (La Paz)	ZLP	Bolivia	16.2694S	68.1240W	4397	
Zonguldak	ZGT	Turkey	41.4508N	31.7611E	70	From 1980-01-01 to 1981-06-30
Zoufplan	ZOU	Italy	46.5567N	12.9733E	1896	From 1982-10-17
Zuerich Laegern	ZLA	Switzerland	47.4822N	8.3892E	780	
Zugar Island	ZUQR	Yemen	13.9848N	42.7508E	171	From 2007-11-24
Zugdidi	ZUG	Georgia	42.5167N	41.8833E	110	
Zuidlaarderveen	ZLV	Netherlands	53.0931N	6.7500E	1	
Zunzarren	IZUN	Spain	42.8610N	1.4564W	701	From 2007-03-01
Zurich	ZUR	Switzerland	47.3687N	8.5805E	604	From 1998-08-19
Zurich-Lageren	ZUL	Switzerland	47.4813N	8.3903E	700	From 1975-01-01 to 1986-07-09
Zur Nathan	ZNT	Israel	32.2400N	35.0280E	234	
Zu Zu	ZZT	Tennessee,U.S.A.	35.3640N	89.3720W	120	From 1974-03-01 to 1975-09-30
Zyfflich	NE41	Nordrhein-Westfalen,Germany	51.8239N	5.9745E	13	
	FULR	Romania	44.8877N	26.4419E	114	
	ASUT	Egypt	27.3967N	31.5626E	237	
	APRS	Egypt	24.3718N	30.7126E	184	
	HADB	Egypt	25.3510N	34.6238E	187	
	AANS	Egypt	30.2909N	31.3998E	42	
	MUMZ	El Salvador	13.5555N	88.4792W	410	
	SANZ	El Salvador	13.5577N	88.5228W	310	
	NLNM	California,U.S.A.	38.1525N	122.7125W		
	NSPM	California,U.S.A.	38.1827N	122.4533W		
	HQSR	Egypt	25.7554N	34.3871E	149	
	HSFG	Egypt	26.5675N	33.9292E	151	
	NE33	Belgium	50.6092N	6.0066E		
	NT2	Nevada,U.S.A.	37.2533N	116.2858W		
	NE24	Spain	38.3553N	0.4873W		
	NE21	Portugal	40.3997N	7.5442W	815	
	NE19	Spain	42.4578N	2.5032W		
	NE20	Spain	36.8525N	2.4598W		
	BG3	South Carolina,U.S.A.	34.9930N	82.9317W	366	
	NE22	Spain	36.7275N	4.4111W		
	NE23	Spain	41.4164N	2.1250E		
	NE25	Spain	40.8206N	0.4933E		
	NFRM	California,U.S.A.	38.5227N	123.1610W		
	JPSM	California,U.S.A.	37.1990N	122.3483W		
	NGVM	California,U.S.A.	38.2807N	122.2148W		
	NMCM	California,U.S.A.	35.8428N	117.9048W		
	IM03	Alaska,U.S.A.	65.9835N	153.7491W		
	IL31	Alaska,U.S.A.	64.7714N	146.8866W		
	HQRM	California,U.S.A.	36.8337N	121.2127W		
	NUB	Egypt	29.0276N	34.6474E	153	
	RSH	Egypt	30.9600N	33.7220E	217	
	NT-	Nevada,U.S.A.	37.2758N	116.4183W		
	SHRM	Egypt	27.8925N	34.1322E	275	
	SLUM	Egypt	31.4916N	25.2123E	79	
	ECALA	Colombia	1.2138N	77.4226W	2353	
	SQR	Egypt	29.8813N	31.1959E	107	
	SUZ	Egypt	29.8406N	32.8322E	268	
	SWA1	Egypt	29.2632N	25.7098E	48	
	SWA2	Egypt	29.2432N	25.4556E	45	
	HLS	Peru	8.8470S	77.8890W		
	TR1	Egypt	28.0068N	33.9521E	274	
	TR2	Egypt	28.3853N	33.7227E	239	
	HCA	Peru	5.5830S	79.4330W		
	ZAF	Egypt	29.2819N	32.5487E	153	
	EMPA	Peru	6.6630S	79.4430W	500	
	ZEIT	Egypt	27.8698N	33.5388E	232	
	ZNM	Egypt	29.3761N	32.8752E	201	
	EPCH	Peru	6.0090S	79.6850W	720	

Station Name	Code	Location	Geographical Co-ordinates		Altitude m	Remark
	MAIM	Italy	43.9140N	10.4910E	200	
	PRSC	Czech Republic	49.0150N	18.5540E	0	
	VALM	Italy	44.3490N	10.2470E	790	
	EGS	Taiwan region	24.8450N	121.9320E	2	
	CMGA	Georgia,U.S.A.	34.6290N	85.0340W	478	
	JSGM	California,U.S.A.	37.2827N	122.0500W		
	URCR	Colombia	1.2195N	77.3432W	3494	
	AMRG	Georgia	42.5156N	43.1369E	614	
	BM03	Alaska,U.S.A.	67.4192N	144.6071W		
	BIAC	Colombia	3.2913N	76.1973W		
	PUYI	Colombia	1.2977N	77.3230W	2370	
	PLAZ	Colombia	1.2593N	77.2790W	3000	
	BC03	Alaska,U.S.A.	63.0656N	141.7851W		
	OLGA	Colombia	1.2243N	77.3537W	4100	
	NAR2	Colombia	1.2688N	77.3687W	2870	
	LOEW	Colombia	1.3537N	77.3780W	2350	
	EBP	California,U.S.A.	38.5800N	119.8000W	0	
	FLV	Nevada,U.S.A.	37.8100N	117.9100W	0	
	FPK	Nevada,U.S.A.	39.2200N	118.1500W	0	
	CR2G	Colombia	1.2077N	77.3590W	4058	
	COB3	Colombia	1.1890N	77.3473W	3625	
	ILO1	Alaska,U.S.A.	64.7716N	146.8861W		
	ANVZ	Colombia	1.2220N	77.3530W	4170	
	ACVZ	Colombia	1.2270N	77.3588W	1470	
	LBOS	Yemen	13.8710N	45.2490E	2325	
	MBBY	Montserrat	16.6977N	62.2025W	160	
	MBGA	Montserrat	16.7102N	62.1887W	479	
	MBGB	Montserrat	16.7323N	62.2278W	253	
	MBGE	Montserrat	16.6900N	62.1937W	183	
	MBMH	Montserrat	16.7763N	62.1925W	270	
	MBFY	Montserrat	16.7038N	62.1532W	355	
	MBSS	Montserrat	16.6870N	62.1603W	395	
	MBWH	Montserrat	16.7422N	62.1908W	407	
	MCPZ	Montserrat	16.7068N	62.1812W	759	
	MDUM	Montserrat	16.7000N	62.1667W	1000	
	MGAT	Montserrat	16.7102N	62.1887W	479	
	GLFJ	Jordan,Jordan	29.5080N	35.0080E	25	
	MLYT	Montserrat	16.7213N	62.1910W	355	
	MRYT	Montserrat	16.7038N	62.1532W	355	
	IBND	Iran,Iran	27.4489N	56.5399E	0	
	IDAH	Iran,Iran	32.7390N	59.8680E	0	
	IKOO	Iran,Iran	32.4241N	59.0044E	0	
	LUL	California,U.S.A.	38.0500N	119.1800W	0	
	AL35	Alaska,U.S.A.	64.9447N	147.8595W		
	NSP	Nevada,U.S.A.	36.7300N	116.2100W	0	
	CMPA	Pennsylvania,U.S.A.	40.3500N	76.0100W		
	IMON	Iran,Iran	33.1922N	59.6667E	0	
	SCIG	Campeche,Mexico	18.9670N	91.1853W	40	
	WHR	Nevada,U.S.A.	40.0400N	118.3600W	0	
	JORD	New York,U.S.A.	44.3400N	74.6100W		
	WMD	California,U.S.A.	37.4400N	118.6400W	0	
	ITEG	Iran,Iran	32.8965N	58.7488E	0	
	CHOC	Czech Republic	49.7690N	18.5610E		
	KARJ	Jordan	31.1200N	35.6530E	124	
	QRHJ	Jordan	29.6850N	35.3220E	810	
	XTAL	Ecuador	0.2020S	78.6688W	2040	
	MBLG	Montserrat	16.7250N	62.1623W	287	
	DARB	Saudi Arabia	17.7400N	42.2400E	0	
	MZVM	Mexico D.F.	19.1892N	99.2293W		
	CGIG	Mexico D.F.,Mexico	30.3652N	107.9773W	1524	
	QEN	Egypt	26.2237N	32.8496E	333	
	HPIG	Mexico D.F.,Mexico	26.9352N	105.6655W	1798	
	HSIG	Mexico D.F.,Mexico	29.0200N	110.9495W	500	
	AL34	Alaska,U.S.A.	64.9100N	147.4464W		
	NFK	Norfolk Island,Australia	29.0433S	167.9388E	203	
	TPTI	Sumatera	3.2600N	97.1800E	9	
	UPIG	Panama,Costa Rica	8.9906N	79.5342W	41	
	TBS2	Panama,Costa Rica	8.7933N	82.6569W	1397	
	SONS	El Salvador,Costa Rica	13.7381N	89.7172W	302	
	HUEN	Nicaragua,Costa Rica	12.3375N	86.1722W	50	
	BC3*	Alaska,U.S.A.	63.0656N	141.7851W		
	HCAT	Egypt	28.7750N	33.9790E	410	
	KLJI	Sumatera	4.6900S	104.7300E	81	
	BMK*	Morocco	34.6590N	2.9340W		
	ZIMR	Romania	43.6572N	25.3652E	74	
	AIES	El Salvador,Costa Rica	13.4564N	89.0514W	39	
	PKSG	Hungary	47.3918N	18.3907E	200	
	FG6	Guatemala,Costa Rica	14.5600N	90.8828W	2500	
	AMRR	Romania	44.6103N	27.3354E	67	
	BACM	Italy	44.2783N	10.0722E	490	
	CODM	Italy	44.3908N	9.8500E	350	
	VOIR	Romania	45.4371N	25.0496E	969	
	VARR	Romania	45.8802N	27.8570E	233	
	TUDR	Romania	45.5939N	27.6687E	66	
	TLCR	Romania	45.1861N	28.8150E	73	
	TESR	Romania	46.5118N	26.6489E	372	
	SULR	Romania	44.6785N	26.2551E	73	
	ANNT	Turkey	36.2203N	36.1569E	60	
	DIC	Ivory Coast	6.2083N	4.9892W		
	GRAM	Italy	44.4913N	10.0658E	871	
	DWK	Meghalaya,India	25.1867N	92.0227E		
	SIRB	Romania	45.4801N	26.2616E	512	
	JYSA	Finland	62.7700N	24.8700E		
	KMST	Turkey	37.5239N	36.9936E	670	
	SECR	Romania	45.0355N	26.0676E	417	
	LUK	Luzon,Philippines	14.1200N	121.5170E	500	
	ETYK	Hungary	47.4403N	18.7448E	248	
	LUTC	Czech Republic	49.8840N	18.4160E		
	ORGA	Alberta,Canada	49.5539N	114.1008W	1257	
	PETR	Romania	45.7230N	27.2310E	86	
	ZAPC	Czech Republic	49.8320N	18.4280E		
	OZUR	Romania	46.0957N	25.7864E	674	
	RORO	Italy	44.1122N	8.0662E	260	
	TRAV	Italy	45.5127N	7.7470E	990	
	LUCR	Romania	44.9737N	27.1011E	91	
	LTRR	Romania	45.4284N	23.7584E	1418	
	HADR	Romania	47.0106N	27.4301E	435	
	GRER	Romania	45.3801N	26.9746E	276	
	DRGR	Romania	46.7916N	22.7111E	921	
	BAR1	Costa Rica,Costa Rica	9.2422N	83.3117W	530	
	CUI	Costa Rica,Costa Rica	10.6650N	85.1767W	528	
	GOLR	Romania	44.8399N	24.9629E	301	
	CSAN	Nicaragua,Costa Rica	12.1833N	86.4222W	50	
	CHI2	Colombia,Costa Rica	4.6439N	73.7400W	3100	
	GHRR	Romania	46.0605N	27.4080E	212	
	GALR	Romania	43.8275N	28.5751E	56	
	AWBH	Egypt	28.3210N	28.9040E	191	

From 2000-07-01

Code	Station Name	Other	APC	Apacha	ARVC	Arvin	ATIP	Tipaza
AMNH	Manhattan		APCG	Parque de las Ciencias	ARVD	Arcevia	ATKA	Atka Island
AMO	Ambon		APE	Apeiranthos	ARVI	'Arava Valley	ATKO	Atikokan Iron Mine
AM-OK	Ardmore		APER	Aper	ARVN	Arviat, NU	ATKR	Artyk
AMOR	Amorgos		APEZ	Moni Apezanon	ARWM	Richard P. Wilkes	ATL	Atlanta
AMP	Ambar		APG	El Apazote	AR-WS	Aurora	ATLB	Atluck Lake
AMR	Amargosa		APH	Airport Hangar	ARX	ARAXOS	ATM	Atsumi
AMRG			APHE	Pico Herrero	AS01	Alice Springs Array Site 1	ATN	Antennamare
AMRH	Mont Rhoder		API	Apia	AS02	Alice Springs Array Site 2	AT-NV	Austin
AMRP	Almeirim		APK	Angel's Peak	AS03	Alice Springs Array Site 3	ATO	Altona
AMRR			APKW	Angels Peak	AS04	Alice Springs Array Site 4	ATOT	Gabel Atot
AMS	Amos		APL	Alpnach	AS05	Alice Springs Array Site 5	ATPA	Allentown
AMTX	Amarillo		APM	Augsburger Mountain	AS06	Alice Springs Array Site 6	ATPZ	Tipaza
AMU	Anchorage		APN	Apakhonchich	AS07	Alice Springs Array Site 7	ATR	Alsterbro
AMUR	Altamura		APNR	Astor Pass	AS08	Alice Springs Array Site 8	ATR1	Atar 1
AMW	Mount Adams		APO	Appello	AS09	Alice Springs Array Site 9	ATT	Attica
AMZI	Amatzia		AP-OK	Apache	AS10	Alice Springs Array Site 10	ATTU	Attu Island--Fox
AN-	Angela	AN-MA	APON	Apoyo	AS11	Alice Springs Array Site 11	ATU	Athens Obs.
AN1	Anna		APP	Appello	AS12	Alice Springs Array Site 12	ATX	Austin
AN1*	Pine Canyon	PNC	APPI	Appiano	AS13	Alice Springs Array Site 13	ATZ	Mount Atzmon
AN10	Anna		APR	Arecibo	AS14	Alice Springs Array Site 14	AU2	Augustine Island
AN11	Anna		APRM	Poppy Hill Road	AS15	Alice Springs Array Site 15	AUC	Auckland
AN12	Anna		APRS		AS16	Alice Springs Array Site 16	AUD	Augustine Domo
AN12*	Salinas Radio	SRC	APSI	Ampana	AS17	Alice Springs Array Site 17	AUE	Augustine Island
AN13*	Quien Sabe	QSR	APT	Avery Point	AS18	Alice Springs Array Site 18	AUF	Augustine Flow
AN14*	Cienega Rd	BCGM	APW	Alpha Peak	AS19	Alice Springs Array Site 19	AUH	Augustine H
AN15*	Johnson Can.	JHC	APY	Apoyeque	AS31	Alice Springs Site	AUI	Augustine Island
AN2*	Forsythe		APYN	Apoyeque	ASA	Asahikawa	AUK	Auki
AN3	Anna		APYP	Conner	ASAJ	Asahikawa	AUL	Augustine Lava
AN3*	San Juan Grade	HJGM	APZ	The Paps	ASAL	Salagasta	AUM	Augustine Mound
AN4	Anna		APZ9	Apatity Array Site Z9	ASAO	Ashtian	AUP	Augustine Pinnacle
AN4*	Pacheco Lake	PCL	AO6*	Aqua Casa	ASAR	Alice Springs Array	AUQP	San Andres
AN5*	Dillon Ranch	DIL	AQB	Aqaba	ASAT	Asagicarikuru	AUR	Aurakhmat
AN6*	Chase Ranch	CSR	AQDB	Aquidauana	ASB	Amchitka	AURF	Auriere
AN7	Anna		AQU	L'Aquila	ASBA	Santa Barbara	AUS	Austin
AN7*	Canada Road	CDC	AR-	Aurora	ASB	Santa Barbara	AUSP	Uspallata
AN8	Anna		AR1	Arenal	ASH19	Ascension Island	AUT	El 'Ayat
AN8*	Peckham Road	PKC	AR2	Lago de Cote	ASH21	Ascension Island	AUTN	L'Aution
AN9	Anna		AR3	Tierras Morenas	ASH23	Ascension Island	AUW	Augustine West
AN9*	Anzar Reservoir 9		AR4	Solania	ASH24	Ascension Island	AVC	Adobe Valley
ANA	Amchitka		AR5	Santa Elena	ASH25	Ascension Island	AVE	Averroes
ANA2	Anatahan		AR6	Chiripa	ASH26	Ascension Island	AVF	Avril sur Loire
ANAL	New Alisa		AR7	Cape Frico	ASH27	Ascension Island	AVFE	Valle Fertl
ANAT	Anatahan		AR8	Nicoya	ASH29	Ascension Island	AVFP	Avril sur Loire
ANB	Amchitka		AR9	North	ASHG	Umm Shaghir	AVH	Avacha
ANB	Amchitka		ARA	Arapuni	ASHO	Ashiyah	AVIZ	Vizcacheras
ANC	Marguerite Bay		ARA0	ARCESS Array Site A0	ASI	Mount Amassa	AVN	Avellanes
ANCC	Alto Anchicaya		ARA1	ARCESS Array Site A1	ASIG	Asiaat, Greenland	AVNC	Asheville
ANCH	Antofagasta		ARA2	ARCESS Array Site A2	ASK	Aso san	AVNT	Avonos
ANCK	Angle Creek		ARA3	ARCESS Array Site A3	ASKJ	Askoy	AVO	Avon
ANCF	Anchorite		ARAC	Aracena	ASKD	Sinn el Kaddab	AVOE	Asama Observatory
AND	Amchitka		ARB1	ARCESS Array Site B1	ASKU	Askersund	AVOW	Apres Vouz Peak
ANDN	Andirin		ARB2	ARCESS Array Site B2	ASL	Abu Simbel	AVREN	Avren
ANDR	Anadyr'		ARB3	ARCESS Array Site B3	ASM	Asama Yama	AVRM	Valley Road Site
ANE	Angren		ARB4	ARCESS Array Site B4	ASMM	Slate Mountain	AVY	Angavokely
ANER	Nerja		ARB5	ARCESS Array Site B5	ASMO	Sierra Morrones	AWA	Amchitka
ANG	Antigua		ARBF	Arbois	ASNY	Au Sable	AWAL	West Alisa
ANGC	Angol		ARC	Arcata	ASO	Aso	AWB	Whitefish
ANGG	Ammassalik, Greenland		ARC1	ARCESS Array Site C1	ASOR	Ausora	AWDQ	Awoonga Dam 3
ANGL	Ecuador		ARC2	ARCESS Array Site C2	ASP	Alice Springs	AWH	Whinburgh
ANGS	El Angel		ARC3	ARCESS Array Site C3	ASPA	Alice Springs	AWI	Antigua
ANGU	Angureal		ARC4	ARCESS Array Site C4	AS-PA	Altoona	AWI1	Witton
ANGV	Angostura		ARC5	ARCESS Array Site C5	ASPM	Aspremont	AWKL	West Kalabsha
ANGW	Angle Mountain		ARC6	ARCESS Array Site C6	ASPU	Aespoe	AX-	Alexander City
ANH	Anchorage		ARC7	ARCESS Array Site C7	ASQU	Asqua	AX2	Alexander City
ANI	Aniakchak		ARCES	ARCESS Array Beam	ASR	Mount Adams--Stagman Ridge	AX2AL	Alexander City
ANI*	Anchorage	ANH		Reference Point	ASS	Slough House Road	AX-AL	Alexander City
ANIA	Aniakchak Crater		ARCI	Arcidosso	ASSE	Asse	AXAR	Alexander City
ANIG	Ahuacatlan		ARD	Arcidosso	ASSG	Atfensstjerne Lake, Greenland	AXZ	Alexandra
ANJJ	Anjarah		ARD1	ARCESS Array Site D1	AST	Butare	AXZ	Alexandra
ANK	Ankara		ARD2	ARCESS Array Site D2	ASTB	Santa Barbara	AY-	Academy
ANKA	Aniakchak		ARD3	ARCESS Array Site D3	ASTN	Avondale Springs	AYA	Ayaqualo
ANL	Andalgala		ARD4	ARCESS Array Site D4	ASTU	Arizona State University	AYAN	Aya Nagar
ANM	Nome		ARD5	ARCESS Array Site D5	ASU	Arta Observatory	AYDN	Tasoluk
AN-MA	Angela		ARD6	ARCESS Array Site D6	ASUT	Rodeo	AYE	Ayenquera
ANMB	Anmore		ARD7	ARCESS Array Site D7	ASW	Aswan	AYK	Aydincik
ANMO	Albuquerque		ARD8	ARCESS Array Site D8	ASZ	Ashzuri	AYN	Al'Uyaynah
ANMR	North Marawa		ARD9	ARCESS Array Site D9	AT-	Austin	AYNT	El Ayoun
ANN	Anapa		ARDR	Aradan	AT1	West Kanaga	AYS	Ayseler
ANNS	Annsville		ARE	Arequipa	AT2	South Tanaga	AY-SD	Academy
ANP	Anpu		ARE0	ARCESS Array Site E0	AT3	North Tanaga	AYT	Al 'Ayyat
ANPB	Aniakchak Plenty Bear		AREB	Areado	ATA	Atar	AYUS	'Ayunah
ANPK	Aniakchak Peak		AREE	Arenal	ATAB	Bozova	AYVA	Ayvalik
ANR	Andizhan		ARG	Arkhangelos	ATAF	Djebel Tarf	AYVM	Ayaqume
ANS	Ancona		ARGU	Argyle Ridge	ATAH	Atahualpa	AZ-	Amarillo
ANT	Antofagasta		ARH	Archignac	ATAI	Atalanti	AZ1C	Azucar
ANTB	Antalya		ARI	Arica	ATAQ	'Ataq	AZAP	Zapla
ANTF	Antibes		ARJM	Robert W. Jensen	ATB	Altamira	AZI	Avezzano
ANTI	Antisana		ARK	Arkit	ATC	Attachie	AZJ	Azai
ANTN	Anderson		ARKL	Arkaroola	ATD	Arta Tunnel	AZL	Aizawl
ANTO	Ankara		ARKR	Arakani	ATDB	Astolfo Dutra	AZO	Oaxaca
ANTR	Antelope Ridge		ARL	Chiapas	ATE	Arette	AZ-TX	Amarillo
ANTT			ARLS	Aral	ATEJ	Tejeda	AZU	Azuero
ANTU	Antumapu		ARM	Puerto Armuelles	ATES	Arlington Trafton	AZU1	Azuela
ANTZ	Acuinet Torkoz		ARM2	Puerto Armuelles 2	ATG	Ambohiby	AZU2	Pedasi@15
ANU	Antelope Island		ARMA	Armadale	ATH	Athens Observatory	AZUC	Azuc
ANV	Anvil Mountain		ARME	Armento	ATHU	Athens University	B04A	Port Angeles
ANVS	Anan'yevo		ARMT	Armutlu	ATI	Atico	B05A	Bryant
ANVZ			ARN	Arnold Ranch			B06A	Marblemount
ANWB	Willy Bob		ARNB	Al Arnab			B07A	Winthrop
ANZ	Anzar Road		ARNI	Argonne North			B08A	Colville Reservation, Omak
AO-	Argonne	AO-WS	ARNR	Ardon			B09A	Rice
AOB	Aobayama		ARNS	Arna			B10A	Chitwood Farm, Usk
AODM	Outingdale		ARNU	Arnoeviken			B11A	Sandpoint
AOF	Agadir Oufela		ARNY	Arden House			B12A	Libby
AOHM	Oregon House		ARO	Arta Observatory			B13A	Whitefish
AOI	Ancona		AROD	Rodeo			B14A	Marquette Ranch, East Glacier
AOM	Aomori		AROL	Arenal Observatory Lodge			B15A	Bradely Ranch, Valier
AOM1	Aomori		ARP	Angono			B16A	M & M Farms, Shelby
AOM3	Aomori 3		ARPS	Mount Arapiles			B17A	L&G Farms, Chester
AOMJ	Aomori 2		ARPT	Arp			B18A	Beardsley Farm, Havre
AOPR	Arecibo Observatory		ARQ	Araqi			B1NU	Baffin Island 1
AOS	Alonnisos		ARR	Arges			B2NU	Baffin Island 2
AOT	Adel		ARRM	Rickey Ranch			B5GA	5 Glenshane
AOU	Aou		ARRY	Arrayan			BA-	Baldwin
AO-WS	Argonne	AP-OK	ARRZ	Ararat			BA01	Aachen
AP-	Apache		ARS	Arshan			BA02	Stolberg
AP3N	Apex site 3 Nunavut		ARSA	Arzberg			BA03	Weissweiler
APA	Apatity		ARSB	Arslanbob			BA04	Fiesheim UWZ
APA0	Apatity Array Site A0		ARSS	Ar Rass			BA05	Sindorf
APA1	Apatity Array Site A1		ARST	Arsuz			BA06	Horem
APA2	Apatity Array Site A2		ART	Arta			BA07	Koln University
APA3	Apatity Array Site A3		ARTJ	Al Aritein			BA08	Dellbruck
APAE	Packway		ARTL	Arthez-de-Bearn			BA09	Bensberg
APAES	Apatity Array Beam Reference Point		ARTR	Artybash			BA10	Klein Altendorf
APB1	Apatity Array Site B1		ARTT	Arusha			BA11	Duren
APB2	Apatity Array Site B2		ARTV	Arvin			BA12	Beaesweiler
APB3	Apatity Array Site B3		ARU	Arti			BA13	Heinsberg
APB4	Apatity Array Site B4		ARUT	Antelope Range			BA14	Wollersheim
APB5	Apatity Array Site B5		ARUZ	Aruch			BA15	Heimerzheim
			ARV	Arcevia				

Code	Station Name	Other	BBSI	Bau Bau	BENE	Beatrice	BIDO	Bidbid
BA16	Vanikum		BBSP	Saint Philip	BENN	Benn Knob	BIDS	Bir al Bayda'
BA17	Giehn		BBSR	BB Station	BENR	Benton	BIE	Birone
BA18	Steinbach		BBT	Barrage Ibn Batouta	BENWA	Benson Ranch	BIG	Big Mountain
BA19	KoIn Dom Grabung		BBTK	Beltasi	BEO	Belgrade	BIL2	Estacion Bilbao
BAA	Buenos Aires		BBTN	Blue Bank Bayou	BEP	Bepu	BILB	Tungurahua volcano
BAB	Beni-Abbes		BBTS	Babate	BER	Bergen	BILL	Bilibino
BABE	Bainbridge School		BBU	Al Budayyi	BERA	Berati	BIM	Bigot
BAC	Bacau		BBUT	Bumble Bee	BERF	Bertagne	BIN	Binsa
BACC	Bachelor Mtn.		BBW	Black Birch	BERI	Bernadia	BING	Binghamton
BACF	Baccarat		BC01	Beaver Creek Array Site 1	BERL	Berlin (NY)	BINT	Bingol
BACH	Barnechea		BC02	Beaver Creek Array Site 2	BERN	Bernov	BINY	Binghamton
BACM			BC03		BERNI	Berninapass	BIO	Biorka
BACU	Backbrunna		BC04	Beaver Creek Array Site 4	BERR	Berezeni	BIP	Bislig
BAD	Bernadia		BC05	Beaver Creek Array Site 5	BERT	Berda	BIPH	Bislig
BADA	Al Bad'		BC2	Big Chuckwalla	BES	Besancon	BIPS	Buchanan
BADI	Badiali		BC3	Big Chuckw Mtn	BESE	Bessie Mountain	BIR	Birlad
BADN	Badegauja		BC3*		BESP	Borongnan	BIRU	Birjand
BADT	Buyukada		BCA	Borcka	BEST	Besiri	BIRV	Birongo
BAE	Brasilia Array		BCA	Borcka	BET	Bethel	BIS	Bismark Peak
BAE1	Brasilia Array Site E1		BCA3	Beaver Creek Array Site 3	BETC	Betania	BISC	BISOCA
BAE2	Brasilia Array Site E2		BCAO	Bangui	BETH	Bethel	BISH	Bishah
BAE3	Brasilia Array Site E3		BCAR	Beaver Creek Array	BETM	Bethany	BISR	Bishrahk
BAE4	Brasilia Array Site E4			Beam Reference Point	BETV	Betioque	BISS	Bistriski jarek
BAE5	Brasilia Array Site E5		BCB	Big Creek Baldy	BEU	Beuren	BIT	Big Stone Gap
BAEE	Brasilia Array Site EE		BCC	Colson Canyon	BEV	Beverley	BIU	Bingham Canyon
BAF	Belacker		BCC1	Chapelcross	BEVG	Clark Hill Reservoir	BI-VA	Big Stone Gap
BAF*	Baguio		BCCC	Bear Creek CC	BEVT	Boeing Everett	BIW	Bindweide
BAG	Baguio City		BCHH	Brava--Cachaco	BEW	Beaufort West	BIX	Bixby
BAH	Barrette		BCD	Casitas Dam	BEY	Berane	BIZ	Bicaz
BAHL	Ahlen		BCG	Bois Riant Capesterre	BEYL	Beyrouth	BJA	Jaww
BAI	Bari		BCGM	Cienega Road	BEYR	Belyy Ugol+	BJCM	Johnson Can.
BAI*	Bari		BCH	Branch Mountain	BEYT	Beykoz	BJDM	Burrinjuck Dam
BAI2	Baranello		BCHG	Becho	BF-	Bakersfield	BJEM	Burrinjuck
BAIF	Baives		BCHM	Black Canyon North	BFC	Buffalo Canyon	BJJ	Beijing
BAK	Baki		BCI	Bajram Curri	BFD	Bakersfield	BJI2	Beijing
BAKC	Calstate		BCIP	Isla Barro Colorado	BF-CL	Bellfield	BJII	Banjamegara
BAK1	Biak		BCK	Bucak	BFF	Buffalo-Larkin	BJMA	Bojnurd
BAL	Ballidu		BCKR	Birch Creek	BFM	Birfork	BJO	Bjornoya
BALA	Baldy Mountain		BCL	Casitas Lake	BFMT	Birchfield Mountain	BJO1	Bjornoya
BALAT	Bala		BCLA	Clavier	BFG	Black Forest	BJOM	Mount Johnson
BALB	Balikesir		BCLQ	Boischatel	BFS	Buffelsfontein	BJT	Bajijatuau
BALC	Balcom Canyon		BCM	Basin Creek	BFSC	Mount Baldy Sta	BJU	Chiapas
BALD	Monte Baldo		BCN	Boulder City	BFSD	Buffelsfontein	BK-	Bald Knob
BALI	Monte Baldo		BCO	Cerro Blanco	BFT	Belfast (SA)	BKA	Kennedy
BALM	Baldy		BCP	Baguio City	BFW	Baw Faw Mountain	BK-AR	Bald Knob
BALP	Baler		BCPH	Baguio City Dairy Farm	BFZ	Birch Farm	BKB	Balikpapan
BALST	Balsthal		BCPM	Bancas Point	BG-	Bangor	BKB2	Balikpapan
BALT	Daday		BCR	Bucaramanga	BG3		BKC	Brookwood Reservoir
BALY	Balya		BCRT	Bacon Ridge	BGA	Mount Bagana	BKCOR	Black Crater
BAM	Barrage Abdel Moumen		BCS	Baptist College of Charleston	BGB	Big Butte	BKE	Bekescsaba
BAMF	Morne Balai		BCS*	Brasilia Array	BGC	Boiling Road	BKG	Blockade Glacier
BAN	Banff		BCSO	Bloom-Carroll	BGCA	Bogoin	BKHT	Bunker Hill
BANI	BANI		BCT	Brookfield	BGD	Bogdanovka	BKI	Bering
BANM	Bannockburn		BCU	Bear Canyon	BGF	Bois d'Agland	BKJ	Big Koniui Island
BANO	Bancroft		BCUT	Brigham City	BGG	Burgeitz	BKL	Bakel
BANOM	Banah		BCW	Bitter Crk WRge	BGH	Bear Gulch	BKLB	Ruhr-University
BANR	Banloc		BCWM	Chews Ridge	BGI	Bengkulu		Bochum--Klosterbusch
BAO	Brasilia Array		BCX	Boston College	BGIO	Bar Giyora		Mine
BAP	Bailey Peak		BCYI	Bear Canyon	BGK	Belogorka	BKM	Butte a Klehm
BAP*	Basco		BCZ	Braida Crags	BGK2	Belogorka 2	BKN	Blacknest
BAPM	Anderson Peak		BD-	Bedford	BGKY	Bogazkoy	BKNI	Bangkinang
BAPR	Bucharest-Childs Park		BD01	Bergheim Laurentius Kirche	BGL	Barrier Glacier	BKO	Bokosso
BAR	Barrett		BD02	Tagebau Bergheim	BGLD	Berchtesgaden	BKOA	Assam
BAR1			BD03	Millendorf	BGM	Big Mountain	BKR	Bakuriani
BARA	Bahrah		BD04	Gut Margartenhoehe	BG-ME	Bangor	BKRC	Baker
BARB	Barbacena		BD05	Hambach	BGMR	Bucharest-Geological Museum	BKS	Berkeley--Byerly
BARC	Barichara		BD07	Roetschberg	BGMT	Barton Gulch	BKSI	Bulukumba
BAR5	Barje		BD08	Hambach Funkstation	BGN	Big Creek	BKT	Bakacak
BART	Pico Bartolomeu		BD09	Hochneukirch	BGO	Bowling Green	BKU	Beaver Lake Mountains
BARV	Barcelona		BD10	Pesch	BGP	Bagra	BKZ	Black Stump Fm
BAS	Basle		BD11	Borschemich	BGR	Bangor (NY)	BL-	Beckley
BA51	Brasilia Array Site S1		BD12	Bourheim	BGRM	Barrier Glacier Two	BL1	Borgo
BA52	Brasilia Array Site S2		BDA	Boulder Dam	BGRQ	Glenroy	BLA	Blacksburg
BA53	Brasilia Array Site S3		BDAS	Al Bad'	BGSB	Baguashan	BLAC	Blackrock camp
BA54	Brasilia Array Site S4		BDB	Bagneres-Bigorre	BGSO	Bowling Green State University	BLBC	Blue River
BA55	Brasilia Array Site S5		BDBC	Bennett Dam	BGU	Big Grassy Mountain	BLC	Baker Lake
BASE	Brasilia Array Site SE		BDC	Boulder	BGUS	Bergheim	BLCB	Balcova
BASO	Ashfield		BDF	Brasilia (W)	BGV	Bac-Giang	BLCC	Black Canyon
BAT	Bayram-Ali		BDFB	Brasilia	BGY	Belgrade	BLCS	Bulochka
BATC	Bat Cave Butte		BDG	Badger Mountain	BGZ	Barguzin	BLD	Baljuvan
BATG	Bathurst New Brunswick		BDHA	Al Bayda'	BH-	Burwash Landing	BLDU	Balidu
BATI	Kupang		BDI	Bagni Di Lucca	BHA	Broken Hill	BLE	Bellville
BATP	Bataraza		BDID	Brownlee Dam	BHB	Bricherasio	BLEU	Blekinge
BAU	Ballabur		BDL	Dobcross Hall	BHBD	Braunhartsberg	BLF	Blomfontein
BAUT	Bautismo		BDM	Black Diamond Mine	BHC	Bohunice	BLG	Laguna Peak
BAUV	El Baul		BDMQ	Boondooma Dam	BHD	Baghdad	BLGA	Beluga
BAV	Blacksburg		BDN	Bodon	BHDI	Bhandari	BLGI	Bet Lehem HaGeliit
BAVM	Antelope Valley		BDNM	Bernardo	BHG	Bad Reichenhall	BLGM	Bulgan
BAW	Bavra		BDO	Budonia	BHGR	Bahadurgarh	BLH	Bald Hill
BAW1	Brasilia Array Site W1		BDP	Broad Pass	BHH	Howats Hill	BLHA	Black Hill
BAW2	Brasilia Array Site W2		BD-PA	Bedford	BHHZ	Black Hill Station	BLHR	Bucharest-Stefan cel Mare Str.
BAW3	Brasilia Array Site W3		BDR	Baidarnaya	BHI	Bertha Hill	BLI	Bleialf
BAW4	Brasilia Array Site W4		BDRM	Kayabasi	BHJ	Bhuj	BLIT	Baltah
BAWE	Brasilia Array Site WE		BDRN	Badran	BHK	Bhakra	BLJ	Bijeljina
BA-WS	Baldwin		BDS	Barbados	BHKY	Bowman Hall	BLJI	Banyuglugur
BAY	Bayanday		BDT	Bhumibol Dam	BHL	Bhannes	BLJS	Baljurashi
BAYA	Yate Dam		BDU	Big Dutch Hollow	BHM	Barham	BLK	Black Butte
BAYK	Bayan-Aul		BDV	Budva	BHMT	Big Hole Peak	BLKC	Black Mountain
BAYN	Bayana		BDW	Boulder	BHO	Bethel	BLM	Bellingham
BB-	Bloomsburg	BB-PA	BE-	Belleview	BHOK	Bomura	BLLM	Bellamira
BBA	Boulbra		BEA	Beatty	BHP	Balboa Heights	BLLO	Bulolo
BBAL	Bala		BEAD	Nord Galaele Koma	BHPL	Bhopal	BLM	Blue Mountain
BBB	Bella Bella		BEAW	Beaver Mountain	BHPR	Bishop	BLM*	Bell Mountain
BBBC	Big Bear		BEB	Belem	BHRA	Bahrah	BLMT	Blacktail Mountain
BBB2	Blackbird State Forest		BEBN	Eben Emael	BHRM	Hodges Ranch	BLMY	Blum
BBEB	Bay Bridge East		BEC	Bermuda--Columbia	BHS	Barnard House	BLN	Blyn Mountain
BBG	Brasstown Bald		BECE	Ecuador Network	BHSM	Hastings State Park	BLNT	Belen
BBGH	Gun Hill		BED	Bald Eagle	BHSO	Botkins High School	BLO	Bloomington
BBGM	Big Mountain		BEE	Al Areen	BHT	Blowhole	BLP	Lompoc
BBH	Bruntsheil		BEEN	Beenleigh	BHU	Blowhard Mountain	BLPI	Bilaspur
BBI	Big Bend		BE-FL	Belleview	BHUJ	Bhuj	BLR	Black Rapids
BBIR	Bucharest-INCERC-borehole		BEG	Bergheim	BHV	Bhavnagar	BLRM	Lewis Ranch
BBJ	Bamboo Saint Ann		BEH	Bench	BHW	Baring Head	BLRR	Bo'l shaya Rechka
BBK1	Banjar Baru		BEHE	Becsehely	BHXE	Hunxe	BLS	Blasio
BBL	Barber's Block		BEHM	Elkhorn Ranch	BH-YK	Burwash Landing	BLS1	Blasio
BBLS	Bajina Basta - Lazici		BEI	Bear River Range	BI-	Big Stone Gap	BLS2	Blasio
BBM	Big Bend		BEK	Belvue	BI1	Barter Island	BLS3	Blasio
BBN	Black Butte		BEKR	Beckwourth	BI2	Barter Island	BLS5	Blasio
BBNM	San Benito	SBT	BEL	Belsk	BI3	Barter Island	BLSD	Baie du Lac Sali
BBO	Besboro Island		BELC	Belle Mtn.	BI4	Barter Island	BLSI	Bandar Lampung
BBO1	Bothel		BELI	Belica	BIA	Bitola	BLSP	Bilaspur
BBOO	Buckleboob		BELQ	Belleterre	BIAC		BLT	Belted Range
BBOR	Butler Butte		BEM	Bemidji	BIAL	Bialla	BLU	Blue Ridge
BBP	Basco		BEMM	Emmet	BIB	Bowen Island	BLV	Bailadorea
BB-PA	Bloomsburg		BEMT	Mount Belmont	BIBN	Bibiana	BLVT	Baltimore
BBR	Beebe Ranch		BEN	Bermuda-Navy	BID	Bidston	BLW	Big Hill
BBRC	Big Bear Sol-Obs		BEND	Bend	BIDA	Albida	BL-WV	Beckley
BBS	Basel-Blauen						BLY	Banja Luka
BBSC	Beaumont Base						BLYC	Blythe

Code	Station Name	Other	Code	Station Name	Other	Code	Station Name	Other
BLZ	Bolzano		BOYN	Box Lake		BRV	Barrow	
BM-	Balmorhea	BM-TX	BOYT	Boyaitca		BRVX	Borovoye	
BM01	Burnt Mountain Array Site 1		BOZ	Bozeman (W)		BRVM	Little Rabbit V.	LRV
BM02	Burnt Mountain Array Site 2		BOZC	Bozcaada		BRVW	Black Rock Valley	
BM03			BP	Bishop	BP-CL	BRW	Barrow	
BM04	Burnt Mountain Array Site 4	BM3	BPA	Boggy Peak		BRY	Bratogost	
BM05	Burnt Mountain Array Site 5		BPAT	Tungurahua Volcano		BRYW	Bryant College	
BM3	Burnt Mountain Array Site 3	BMAR	BPAW	Bear Paw Mtn.		BRZ	Borland Lodge	
BMA	Barra Mansa		BPBC	Brooks Peninsula		BSA	Byrd (S.R.I.)	BY1
BMAR	Burnt Mountain Array Beam Reference Point		BPCB	Bare Point		BSBM	Swanson's Bluff	
BMB	Barrage Mohamed Ben Abdellah		BPCL	Bishop		BSB	Santa Cruz Island	
BMBC	Bull Mountain		BPCM	Pine Canyon		BSCB	Bom Sucesso	
BMCM	McPhails Peak		BPFM	Pfeiffer Point		BSCM	Stone Canyon	
BMD	Beni Messoud		BPI	Johannesberg		BSCP	Brocks Farm	
BME	Barrage Mansour Eddahbi		BPIL	Belle Prairie		BSD	Bornholm Skovbrynet	
BMG	Bucaramanga		BPM	Pinnacles		BSD*	Akirkeby	BSD
BMHM	Mount Harlan		BPK	Black Peak		BSE	Boise	
BMI	Bomdila		BPM	Bucksport		BSEG	Bad Segeberg	
BMK	Barrage El Makhazine		BPM	Bucksport		BSF	Ballon Servance	
BMK*			BPM	Bucksport		BSFP	Boeing Fire Protection	
BMKM	Barrage Mohammed V	BMKM	BPM	Bucksport		BSGM	Shirttail Gulch	SHG
BMKR	Bomnak		BPM	Bucksport		BSHA	Ruhr-University Bochum--	
BML	Blue Mountain Lake		BPM	Bucksport		BSHR	Al Beshri	
BMM	Big Maria Mountains		BPM	Bucksport		BSI	Banda Aceh	
BMN	Battle Mountain		BPM	Bucksport		BSK	Brimstone Hill	
BMNI	Bima		BPM	Bucksport		BSL	Borgo	
BMNM	Bear Mountains		BPM	Bucksport		BSLM	Silva Ranch	
BMO	Blue Mountains Array		BPM	Bucksport		BSLQ	Bruslee	
BMOR	Cotopaxi Volcano		BPM	Bucksport		BSM	San Miguel Island	
BMR	Baia Mare		BPM	Bucksport		BSMA	Billings	
BMRM	Bremner River		BPM	Bucksport		BSMM	Soledad Mission	
BMRO	Merriville Lake		BPM	Bucksport		BSMT	Bassoso Peak	
BMRR	Black Mountain		BPM	Bucksport		BSN	San Nicolas Island	
BMS	Big Muddy Lake		BPM	Bucksport		BSO	Bsor	
BMSH	Bir Mashi		BPM	Bucksport		BSO1	Boso 1	
BMSM	Mercy Hot Springs		BPM	Bucksport		BSO2	Boso 2	
BMT	Blue Mountain		BPM	Bucksport		BSO3	Boso 3	
BMT*	Black Mountain		BPM	Bucksport		BSO4	Boso 4	
BMTC	Bear Mountain		BPM	Bucksport		BSP	Bush Stream	
BMTN	Black Mountain		BPM	Bucksport		BSPQ	Baie-St-Paul	
BM-TX	Balmorhea		BPM	Bucksport		BSPQ	Big Springs	
BMU	Muharrad		BPM	Bucksport		BSR	Basra	
BMUT	Black Mountain		BPM	Bucksport		BSRM	Salinas Radio Site	
BMW	Boistfort Mountain		BPM	Bucksport		BSS	Baronissi	
BMX	Bingley Moor		BPM	Bucksport		BSSO	Busso	
BNA	New Abbey		BPM	Bucksport		BST	Brest	
BNAB	Bonilla		BPM	Bucksport		BSTP	Nigde	
BNALP	Bannalp		BPM	Bucksport		BSTR	Bucharest-Scientist's House	
BNAS	Cotopaxi Volcano		BPM	Bucksport		BSWZ	Blackbirch Station	
BNB	Barry Inlet		BPM	Bucksport		BSY	Bisy	
BNC	Bambui		BPM	Bucksport		BSYO	Bisy	
BND	Bandung		BPM	Bucksport		BSZ	Bushy Park	
BND5	Bandar-Abbas		BPM	Bucksport		BT-	Bates	BT-OR
BNE	Burnie High School		BPM	Bucksport		BTA	Talkin	
BNG	Bangui		BPM	Bucksport		BTAM	Cotopaxi Volcano	
BNGL	BINGOL		BPM	Bucksport		BTB	Buttle Lake	
BNH	Berlin		BPM	Bucksport		BTC	Butembo	
BNI	Bardonecchia		BPM	Bucksport		BTCC	Brunts Corner	
BNJ	Bonny Gate		BPM	Bucksport		BTCH	Batrach	
BNLO	Ben Lomond (Santa Cruz Mountains)		BPM	Bucksport		BTDF	Bukit Timah Dairy	
BNM	Barren Site		BPM	Bucksport		BTE	Batoke	
BNN	Bunyan		BPM	Bucksport		BTEZ	Ruhr-University Bochum-- Technical Center	
BNP	Banawang		BPM	Bucksport		BTG	Basse Terre	
BNPN	Boundary Peak		BPM	Bucksport		BTGS	Batagay	
BNS	Bensberg		BPM	Bucksport		BTH	Betharram	
BNSI	Bone		BPM	Bucksport		BTHT	Jabal bu Thady	
BNT	Bandirma		BPM	Bucksport		BTI	Bat Shelomo	
BNV	Benevento		BPM	Bucksport		BTJ	Batken	
BNY	Binghamton		BPM	Bucksport		BTKR	Batakoyurt	
BO-	Brewton	BO-AL	BPM	Bucksport		BTM	Bintulu	
BO1	Boulder		BPM	Bucksport		BTMB	Babushkin	BY3
BOA	Boaco		BPM	Bucksport		BTMR	Bucharest-Geotec Company	BYA
BOA1	Boaco		BPM	Bucksport		BTMT	Batman	
BOAB	BOACO BROADBAND		BPM	Bucksport		BTN	Butuan	BYAR
BOAC	Boac		BPM	Bucksport		BTNI	Buton	BYB
BO-AL	Brewton		BPM	Bucksport		BTO	Baotou	BYBT
BOB	Bobbio (Coli)		BPM	Bucksport		BTOK	Tokmak	BYD
BOC	Bochum		BPM	Bucksport		BT-OR	Bates	BY-IO
BOCO	Bogota		BPM	Bucksport		BTP	Batelco	BYJI
BOD	Bodaibo		BPM	Bucksport		BTPC	Burnt Peak	BYN
BODR	Bodie		BPM	Bucksport		BTR	Butare	BYO
BODT	Bodrum		BPM	Bucksport		BTU	Barney Top	BYR
BODY	Near Bada		BPM	Bucksport		BTW	Bitterwater Creek	BYRJ
BOF	Bonneval		BPM	Bucksport		BTY	Beatty	BYT
BOG	Bogota		BPM	Bucksport		BU-	Buckingham	BU-QB
BOH	Bohocortia		BPM	Bucksport		BUA	Buia	BYU
BOI	Boisen		BPM	Bucksport		BUAY	Buenos Aires	BYX
BOJ	Boujaouane		BPM	Bucksport		BUB	Buchberg	BYXU
BOJS	Bojanci		BPM	Bucksport		BUC	Bucharest	BZ-
BOK	Bokaro		BPM	Bucksport		BUC1	Bucharest	BZER
BOKR	Bokaro	BOK	BPM	Bucksport		BUC2	Bucharest	BZK
BOL	Bologna		BPM	Bucksport		BUC3	Bad Urach	BZM
BOLM	Sugar Bowl		BPM	Bucksport		BUCM	Buckrabanyule	BZMT
BOLP	Bolinao		BPM	Bucksport		BUD	Budapest	BZN
BOLS	Boljevac		BPM	Bucksport		BUDM	Budderoo	BZNA
BOLV	Bolvadin		BPM	Bucksport		BUE	Buenavista	BZS
BOM	Bombay		BPM	Bucksport		BUF	Buffalo	BZ-WV
BON	Bonds Corner		BPM	Bucksport		BUG	Bochum--University	C03A
BONR	Boundary Peak		BPM	Bucksport		BUGC	Buga	C04A
BOO	Bordano		BPM	Bucksport		BUH	Buhlerhohe	C05A
BOOC	South Base Booster		BPM	Bucksport		BUI	Burke	C06A
BOON	Boondooma		BPM	Bucksport		BUJ	Burke	C07A
BOQS	Boqueron		BPM	Bucksport		BUJ1	Burke	C08A
BOR	Borzhom		BPM	Bucksport		BUJR	Buynask	C09A
BORA	Eskisehir		BPM	Bucksport		BUK	Buck Lake	C10A
BORC	Borrego Springs		BPM	Bucksport		BUKP	Musuan	C11A
BORG	Borgarnes		BPM	Bucksport		BUL	Bulawayo	C12A
BORI	Bordano	BOO	BPM	Bucksport		BULE	Bulengo	C12B
BORS	Borseda		BPM	Bucksport		BULG	Bulgheria - Camerota	C13A
BORU	Boraas		BPM	Bucksport		BULL	Bull Run Dam	C14A
BOS	Bosque Alegre		BPM	Bucksport		BULN	Bullion Camp, Hudson Bay	C15A
BOSA	Boshof		BPM	Bucksport		BUM	Brajici-Budva	C16A
BOSI	Bozen		BPM	Bucksport		BUN	Bunnythorpe	C17A
BOSL	Borgo San Lorenzo		BPM	Bucksport		BUNC	Butner	C1SC
BOT	Bacolet		BPM	Bucksport		BUNI	Buntu Taipa	C2SC
BOTV	Botiquin		BPM	Bucksport		BUO	Burlington	CA-
BOU	Boulder		BPM	Bucksport		BUOR	Burton Butte	CA-TN
BOURR	Bourignon		BPM	Bucksport		BUQ	Buckingham	
BOV	Bogong Mts		BPM	Bucksport		BUR	Burlington	
BOW	Bowman		BPM	Bucksport		BUR01	Bucovina Ar. Site	
BOX	Box Canyon		BPM	Bucksport		BUR02	Bucovina Ar. Site	

Code	Station Name	Other	Reference Point	COLF	COLG	CRIN
CIRR	Tsirk		CMAS Mas de Barberans	COLI Coloredo		CRIN San Cristobal
CIS	Catalina Island		CMB Columbia College	COLM Colima		CRIS Crittenden
CISC	Cisc		CMBC Cumbal	COLN Colon		CRJA County-Surface
CIT	Chita		CMC Coppermine	COLR Columbus		CFL Costa Raja
CIU	Catalina Island		CMCH Combarbala	COLT Colton High School		CRL Carlforte
CI-VA	Clintwood		CMCM Mills College	COLW Colter Canyon		CRLO Chalk River
CIVM	Cilcuayo		CMCO Colorado Mntmt	COM Comitan		CRLT Corlu
CIW	Santa Catalina Island		CMCZ Cairnmuir Mts	COM2 Comitan 2		CRMZ Canterbury Laser
	West		CME Menardue Farm	COMI Craters of Moon		CRM Caravelle
CIZ	Chatham Islands		CMEN Mentor	CON Concepcion		CRMI Carmignano
CJA	Chijwa		CMER Merouana	CONA Conrad Observatory		CRMT Chrome Mountain
CJM	Chamela		CMET NICOSIA -NORTH	CONC Concepcion		CRN Corinaldo
CJR	Cluj-Napoca		CYPRUS	CONE Cono NE Rev Volc		CR-NB Crete
CJR1	Cluj-Napoca		CMF Cannel Maures	CONN Concepcion		CRNM Carthage
CJV	Casa Juvan		CMG La Cumbre	CONS Constitution		CRNS Crni Vrh
CJW	Canyon Junction		CMG2 La Cumbre 2	CONY Cobleskill		CRNY Cross River
CK-	Cache Creek		CMGA	COO Cooney Tunnel		CRO Carnasaw Mountain
CK-BC	Cache Creek	CK-BC	CMH Chemehuevi Mountains	COOC Compton		CRON Lookout Tower
CKC	Cook Canyon		CMHM Mt Hamilton Road	COOL Coolgardie		CROG Croghan
CKE	Keswick		CMH Centennial Mountain	COOP Copenhagen		CROR Criterion Ridge
CKFL	Kef-Lekhel		CMIG Matias Romero	COPE Corleto Perticara		CRP Crater Peak
CKHR	Kef el Ahmar		CMJ Castle Mountains	COPM Copeton		CRPM Russelmann Park
CKHZ	Cape Kidnappers		CMJI Cimerak	COPN Copaltepe		CRPR Cabo Rojo, PR
CKI	Cairo Montenotte		CMJMJ Mission San Jose	COO Corona Quarry		CRQ Rosemanowes
CKK	Chekok		MSJ CML Cha da Macela	COOB Coquilam Dam		CRQ2 Rosemanowes 2
CKL	Chakachamna Lake		CMLA Cha da Macela	COR Corvallis		CRQB Carquinez Bridge
CKLZ	Chkalov		CMLM Mount Lewis	COR2 Caldas Novas		CRQM Cirque
CKM	Coopers Lake		CMMM Mount Mocho	CORF Corte		CRR Carrizo Plain
CKN	Chakachatna North		CMN Crown Mine	CORG Organya		CRS Chara
CKO	Chalk River		CMNM Mines Road	CORI Orista		CRT Cartuja
CKP	Chanarkot		CMO College-Fairbanks	CORK Cork		CRTN Comb Ridge
CKR	Christmas Creek		CMOB Morgan Territory	CORL Corleone		CRU Crutchfield
CKT	Bend		CMOM Morgan Territory	CORM Corum		CRUC La Cruz
CL-	Challis		CMP Campulung	CORN Cornelia Hill		CRUN El Crucero
CL1	Del Valle	CL-ID	CMPA	CORO Coronation Park		CRUV Carupano
CL2	Mines Road	CDVM	CMPB Campos	CORR San Possidonio		CRV Caraveli
CLA	Chala	CMNM	CMPP Mikes Peak	COB Cosiguina		CRVI Carovilli
CLA1	Claut1		CMPO Campotto Po	CO-SD Colome		CRVS Cervenica-Dubnik
CLAB	ClautB		CMPR Campora	COSM Mount Oso		CRX Cerrillo
CLAN	Lanzarote		CMR Camerino	COSP Cold Spring		CRZ Cape Reinga
CLAP	Shields Creek		CMRM Mines Road	COT Chocolate Mountains		CRZC La Cruz
CLAR	Clarkstown		CMS Cobar Meteorology Station	COTA Cotacachi		CRZF Crozet Islands
CLB	Chilbolton		CMSA Cobar Meteorology Station	COTN Columbia		CS- Crossville
CLC	China Lake		CMSB University of California Stadium	COTR Cottonwood		CS6B Jaguaretama
CLCB	Lake Chabot		CMT Clancy	COV Colchester		CSA Cape Sarichef
CLCH	Cerro Calan		CMTX Cooper Mountain	COV1 Cotopaxi Volc		CSA1 St Austell
CLCM	Lake Chabot	LKC	CMU Cedar Mountain	COW Cow Castle Creek		CSAM Sandia
CLCV	CALICANTO		CMW Cultus Mountains	COWI Conover		CSAN
CLD	Caldera		CMWZ Cape Campbell	COWN Contwyoto Lake 2		CSB Colonia Sabana
CLDR	Caldiran		CMX Colima	COWO College of Wooster		CSC Columbia
CLE	Cleveland		COLM	COY Coyote Mountain		CSCA Casacalenda
CLEO	Cleveland Museum of Natural History		COLM	COYC Coyhaique		CSCM Silver Creek
CLF	Chambon-Foret		COLM	COZ Cozia		CSCO Clark State Community College
CLG	Cologne		COLM	CP- Campo	CP-CL	CSD Chor-Sady
CLH	Chellenham		COLM	CP2 Crater Peak Two		CSE Childress 5
CLI	Colonesti		COLM	CPA Chapi		CSEN Crystal Springs
CLIC	Calipatria		COLM	CPAM Crater Peak Alternate		CSF Scaffel
CLID	Challis		COLM	CPB Codrington		CSG Childs Glacier
CLIN	Clinton		COLM	CPBX Cerro Prieto		CSH California State, Hayward
CLJI	Cilicap		COLM	CPC Cherry Point		CSHM Cal. St., Hayward
CLK	Chileka		COLM	CPCL Campo		CSI Cassano Ionio
CLKR	Crowley Lake		COLM	CPCT Cooper Cave		CSIL Creal Springs
CLL	Collm		COLM	CPD Cerro La Pandura		CSJ Cape San Juan
CLLI	Llivia		COLM	CPDB Cerro Pandura		CSL Crestline
CLLN	Colliano		COLM	CPE Camp Elliot		CSLB Castelbuono
CLLP	Cerrillos		COLM	CPH Captain Cook		CSLM San Leandro Hills
CLM	Coleman		COLM	CP1 Crown Point		CSM Casamicciola
CLMC	Lago Colima		COLM	CP2 Carpinone		CSMI Casera Mimoiias
CLN	Carlsbad		COLM	CPM Pinole Ridge		CSN Chicoasen
CLN2	Carlsbad 2		COLM	CPK Cone Peak		CSNA Conrad Observatory
CLN4	Carlsbad 4		COLM	CPKM Crater Peak Rim		CSNT Castellina Chianti
CLN6	Carlsbad 6		COLM	CPL Chaplin		CSO Casso
CLN7	Carlsbad 7		COLM	CPLM Palomares Road		CSOR Sort
CLNB	Carlsbad		COLM	CPM Copper Mountain		CSP Cedar Springs
CLNS	Chul'man		COLM	CPMM Point Molate		CSPM San Pablo Ridge
CLO	Closani		COLM	CPN CP-17		CSPT Cold Springs
CLP	Clara Peak		COLM	CPN1 Cerro Paranal		CSR Chase Ranch
CLPO	Centennial Lake Park		COLM	CPNM Pleasanton		CSRY Cold Spring River
CLR	Collurania		COLM	CPNY Central Park		CSS Prodhromos
CLS	Calistoga		COLM	CPO Cumberland Plateau		CSM Coso Springs South
CLSB	Cack Lake		COLM	CP05 Cumberland Plat.	CPOT	CSN Cassano Irpino
CLT	Charlottesvill		COLM	CPOT Cumberland Plateau		CSST Castrovirreyna
CLTB	Caltabellotta		COLM	CPP Copiapo		CSST1 Stithians
CLTC	Calectric		COLM	CPPC Cal Poly Pomona		CSSTJ Casr Tuba
CLTR	Calitri		COLM	CPR Cape Romanzof		CSSTL Corral Hollow
CLU	Cluj		COLM	CPRX Cap Rock		CS-TN Crossville
CLV	Cleve		COLM	CPS Cap Spartel		CSU Charleston Southern University
CLVB	Cleveland Dam		COLM	CP-SO Cumberland Plateau Observatory		CSV Casigua
CLW	Collville		COLM	CPT Camp Pendleton		CSVM Stone Valley
CLWO	Collingwood		COLM	CPTM Cactus Peak West		CSW Childress 6
CLX	Calx Mountain		COLM	CPU Coon Peak		CSY Casey Station
CLY	Crystal Lake		COLM	CPUP Villa Florida		CSZ Casera Razzo
CLZ	Clausthal		COLM	CPW Capitol Peak		CT- Clayton
CM01	Chiang Mai Array Site 1		COLM	CPX CP-1		CTA Charters Towers
CM02	Chiang Mai Array Site 2		COLM	CPXM Mount Cotopaxi		CTAO Charters Towers
CM03	Chiang Mai Array Site 3		COLM	CPY CP-1		CTAS Cauta
CM04	Chiang Mai Array Site 4		COLM	CPZ Penzance		CTB Cotabato
CM05	Chiang Mai Array Site 5		COLM	CQ-NV Caliente		CTBH Cotabato-PC Hill
CM06	Chiang Mai Array Site 6		COLM	CR- Crete	CR-NB	CTBM Cataract Bedrock
CM07	Chiang Mai Array Site 7		COLM	CR1 Chicoasen 1		CTC Chetwynd
CM08	Chiang Mai Array Site 8		COLM	CR2 Chicoasen 2		CTCH Constitution
CM09	Chiang Mai Array Site 9		COLM	CR2G Coachella		CTCR Cotoan
CM1	Central Minnesota Array		COLM	CR2NB Crete		CTDM Cataract Dam
CM10	Chiang Mai Array Site 10		COLM	CR3 Chicoasen 3		CTEI Djebel Teioualt
CM11	Chiang Mai Array Site 11		COLM	CR4 Chicoasen 4		CTFE Tenerife
CM12	Chiang Mai Array Site 12		COLM	CR5 Chicoasen 5		CTFL Taylor Farm
CM13	Chiang Mai Array Site 13		COLM	CR6 Chicoasen 6		CTGM Chitina Glacier
CM14	Chiang Mai Array Site 14		COLM	CR7 Chicoasen 7		CTHA Thorn Acres
CM15	Chiang Mai Array Site 15		COLM	CRA Chernovtsy		CTI Castel Tesino
CM16	Chiang Mai Array Site 16	CMAR	COLM	CRAC Craco		CTK Catak
CM17	Chiang Mai Array Site 17		COLM	CRAG Craig		CTKS Kestanelik-??atalca
CM18	Chiang Mai Array Site 18		COLM	CRAJ Montana Rajada		CTKT Corum
CM2	Central Minnesota Array		COLM	CRAM San Ramon		CTLM Tesla Road
CM3	Central Minnesota Array		COLM	CRAR CRAIOVA		CTLN Castor Lake
CM31	Chiang Mai Array Site 31		COLM	CRB Chernovtsy (B)		CTM Castle Mountain
CM32	Chiang Mai Array Site 32		COLM	CRBI Circular Butte		CTN Crete
CM33	Chiang Mai Array Site 33		COLM	CRCH Chaqaral		CTNY Carthage
CM34	Chiang Mai Array Site 34		COLM	CRD Cavedale Road		CTO Cape Town
CM35	Chiang Mai Array Site 35		COLM	CRE Caprese Michel		CT-OK Clayton
CM36	Chiang Mai Array Site 36		COLM	CRF Crivoux		CTOM Thompson
CM4	Central Minnesota Array		COLM	CRES C@19res@19njevec Ostr		CTP Catapilco
CM5	Central Minnesota Array		COLM	CRF Corfu		CTR Castle Rock
CM6	Central Minnesota Array		COLM	CRG Carmichael		CTRE Tremp
CM6*	Campane		COLM	CRGC Crocker Grade		CTS Cactus Peak
CMA	Clear Mews		COLM	CRH Carson Hill		CTT Catalca
CMA1	Manaccan		COLM	CRJ Mount Carmel		CTTX Catalca
CMAH	Djebel Manchoura		COLM	CRID Crittenden		CTU Camp Tracy
CMAR	Chiang Mai Array Beam		COLM			

Code	Station Name	Other	DAH	Dandelion	DIB	Dawson Inlet, BC	DR12	Loma Pena Alta
CTV	Charlottesville		DAI	Luda	DIC		DR13	Sanchez
CTVN	Chua Tram		DAK	Dakar	DID	Didima	DR14	Sierra Prieta
CTW	Cottonwood Mountains		DAKH	Dake	DIGO	Kars	DR15	Siete Picos
CTYL	Yal?k??y-??atalca		DAL	Dallas	DIGR	Digorskoe uzhel'e	DR3	Pinalito
CTZ	Chatham Island		DALG	Dalton	DIKM	Dikmen	DR4	Monte Llano
CU-	Curran	CU-NV	DALT	Dalyan (Mudla)	DIL	Dillon Ranch	DR5	La Lomota
CUC	Castrocucuo		DAM	Dampier	DILR	Dilar	DR6	La Diferencia
CUD	Cuddapah		DAMV	Darnavand	DIM	Dimitrovgrad	DR8	Loma La Naviza
CUET	Cent US Eq Cons		DAN	Dane	DI-MA	Dillon	DRA	Dragasani
CUG	Cuglieri		DANC	Danby, Needles	DIMI	Dimona	DRAM	Dora Dora
CUI			DANN	Dangsing	DIP	Dipolog	DRB	Dursunbey
CUKT	Cukurca		DANY	Dannemora	DIR	Diamond Ranch	DRBT	Darb Altahta
CUL	Culiacan		DAP	Davao	DIV	Divide	DRC	Dorchester
CULB	Culebra		DAQ	Lac Daran	DIVS	Divcibare	DR-CO	Durango
CUM	Cumana		DAR	Darwin	DIW	D'Urville Island	DRE	Drenchia
CUMB	Cumbre		DARB		DIX	Grande Dixence	DREG	Dreilaegerbach Talsperre
CUMC	Nevado Cumbal		DARE	Darende-Malatya	DIXR	Dixie Hot Springs	DREO	Darlington East Ontario
CUN	Columbus		DAT	Datca	DIY	Diyarbakir	DREZ	Durham Road
CU-NV	Curran		DAU	Daniels Canyon	DIYA	Diyarbakir	DRGI	Dragot
CUNY	Queens College		DAV	Davao City (W)	DJA	Jakarta	DRGR	
CUP	Culebra		DAVA	Damuels	DJE	Delta Junction E	DRHU	Al-Direh
CUPA	Cupa		DAVON	Davos	DJES	Djerdap	DRIA	Deer Island
CUPM	Cuyoaco		DAVOS	Davos	DJNS	Zahrán al Janub	DRLN	Deer Lake
CUPV	Cu@15pira		DAVOX	Davos	DKD	Dar Kodiati	DRN	Derbent
CUR	Chagan-Uzun		DAW	Hoskins	DKH	Dar Kharkhour	DRP	Derazinda
CURV	Curarigua		DAWS	Dawson Inlet	DKM	Kilmashogue	DRR	Dragan
CUS	Cuzco		DAWY	Dawson	DKNM	Devils Kitchen North	DRRA	Deer Island
CUSI	Cussignacco Udine		DAY	Day	DKP	Demirkopru	DRT	Dartmouth
CUSS	Cusmapa		DB2	Double Butte	DL-	Dell Rapids	DRTN	Dyersburg
CUSU	Cusua		DBAD	Badernkaya	DL2	Dalian	DRTT	Dortyol
CUT	Chulitna		DBAS	Duba	DLA	Delaware (Ont)	DRV	Dumont d'Urville
CUV	La Culata		DBC	Dubki	DLAR	Dell	DRWC	Darouich
CUYO	Cuyo Island		DBCT	Belle View Chopil	DLB	Dease Lake	DRWO	Darlington West Ontario
CV-	Centerville	CV-TN	DBD	Des Bee Dove	DLBC	Dease Lake	DRZ	Dome Shelter
CV6*	Capo Vaticano		DBI	Debin	DLBQ	Dealbeg	DSB	Dublin
CVA	Cordova		DBIC	Dimbokro	DLC	Deerlick Creek	DSB1	Difesa San Luca
CVAL	Veterans Administration Hospital		DBJI	Dramaga	DLE	Lyons Estate	DSC	Scotts Head
CVC	Cholame Valley		DBM	Double Mountain	DLF	Lyons Farm	DSCH	Colegio Aleman
CVD	Cernavoda		DBMY	Dunderburg Mountain	DLG	Dolgoi Island	DSD2	Dead Sea Dam 2
CVE	Cedar Cove		DBN	De Bilt	DLH	Dathousie	DSF	Desfina
CVF	Calvi		DBO	Dodson Butte	DLI	Dili	DSG	Desaguadero
CVI	Capo Vaticano		DBOC	Borcka	DLL	Dillingham	DSH	Dushanbe
CVJ	Coleville		DBOG	Casa Diablo	DLM	Delamar Mountains	DSHT	Scott's Head
CVL	Charlottesville		DBP	Darband	DLMR	Dylm	DSI	Dead Sea
CVLM	Vallecito		DBQ	Dubuque	DLMT	Dillon	DSK	Disk Island
CVLQ	Collinsville		DBR	Dubrovnik	DLN	Dalton (NSW)	DSL	Diaselo
CVM	Colonia del Valle		DBV	Dienbien	DLS	Dallas	DSM	Dog Skin Mountain
CVN	Calvinia		DBY	Dobrovo	DL-SD	Dell Rapids	DSMN	Discovery Mine
CVNA	Calvinia		DCA1	Bonanza	DLT	Dalton	DSN	Dusing
CVO	Covasna		DCA2	Baytree	DLV	T a@ 11 Lat	DSNO	Creighton Mine,Sudbury
CVP	Callao Caves		DCA3	Cotillion Park	DLVO	T a@ 11 Lat	DSP	Deep Springs
CVPM	Vollmer Peak		DCC	Delcommune	DLVT	Layou Valley	DSPA	Despedida
CVR	Calaveras Reservoir		DCI	Dry Creek	DLY	Dezadeash Lake	DSRI	Dabo
CVS	Carmenet Vineyard		DCID1	Drake Creek	DMA	Devil Mountain	DST	Dursunbey
CVT	Castelvetrano		DCM	Dugout Coal Mine	DMB	Deadman Bay	DSST	Stowe
CVTN	Covington		DCN	Croghan	DMD	Domodossola	DSV	Doi Son
CV-TN	Centerville		DCO	Combe Farm	DMI	Des Moines	DSVT	Soufriere Village
CVV	Charlottesville	CVL	DCP	Dickinson College	DMK	Demirkoy	DSZ	Denniston North
CVVA	Charlottesville		DCPH	Dipolog City	DMMT	Dalton Mountain	DT1	Dutton Round Hill
CVVD	Valverde		DCT	Ducktown	DMN	Daman	DTEM	Dunmovintown East
CW-	Conway	CW-AR	DCU	Deer Creek Reservoir	DMNS	Dmanisi	DTM	Carnegie Institution of Washington
CW-AR	Conway		DCZ	Deep Cove	DMP	Diadem	DTMM	Dartmouth Digital
CWB	Cumshewa		DDBM	Dartmouth Bedrock	DMPK	Davao City--Mintal	DTMT	Tete Morne
CWC	Cottonwood Creek		DDCM	Dartmouth Crest	DMS	Dublin Merrion Square	DTN	Dwight
CWCR	Coldwater Canyon		DDM	Demirkent	DMT	Demirtas	DTNA	Dutton South Flank
CWF	Charnwood Forest		DDI	Dehra Dun	DMU	Kingscourt	DTP	Desert Tortoise Park
CWPT	Cottonwood Point		DDK	Dunsink Observatory	DMUB	Kingscourt	DU-	Durant
CWT	Childress 7		DDM	Donnelly Dome	DMV	Demmitville	DUB	Rathfarnham
CWU	Camp Williams		DDN	Dodoni	DMW	Delta Microwave	DUC	Duarte Ranch
CWZ	Cowlitz River		DDR	Dodaira	DND	Dunedin-Penfold	DUG	Dugway
CX-	Craigsville	CX-WV	DDS	Dosso del Sommo	DNG	Daru	DUI	Duronion
CXM	Morne La Croix		DEB	Debreccen	DNGQ	Doongara	DUL	Duluth
CXP	Puebla		DEC	Deception Island	DNH	Durham (NH)	DUN	Dundo
CX-WV	Craigsville		DECC	Green Verdugo site,Sunland	DNM	Dulce	DUNU	Dundret
CY-	Cheyenne	CY-WY	DEG	La Desirade	DNN	Dannevirke	DUOK	Dugi Otok
CYA	Choya		DEI	Dent	DNP	Denpasar	DU-OK	Durant
CYBM	Yerba Buena Island		DEIG	Demacu	DNR	Dunn Ranch,Anza	DUP	Duppenweiler
CYC	Crow Canyon Road		DEK	Dekalb	DNS	Denniston	DUR	Durham
CYEH	Changyeh		DEL	Delary	DNT	Denton	DURS	Dursunbey
CYH	Coyote Hills		DEL1	Delary	DNY	Dersam	DUS	Dusheti
CYK	Cape Yakataga		DELO	Deloro Mine	DNZ	Dunedin	DUSS	Damascus University
CYN	Coyotepe		DELX	Delta	DNZL	Cakroluk	DUT	Dutch Harbor
CYP	Chylin		DEMA	Delaware Emergency Management Agency	DOB	Doboj	DUWZ	D'Urville Island
CYT	Cape Yakataga		DEMI	Demirci	DOBS	Dobrina	DUX	Duxbury
CY-WY	Cheyenne		DEN	Denver	DOC	Dochia	DV-	Death Valley
CYZ	Clyde		DENJ	Denville	DOCK	Docker River	DVBM	Devilbend
CZ-	Cody	CZ-NB	DENT	Denizli	DOD	Domoda	DV-CL	Death Valley
CZC	Chiapa de Corzo		DER	Derby	DOG	Dongo Capesterre	DVCT	Vielle Casse Police Station
CZD	Col de Zad		DERB	Derbent	DOI	San Damiano	DVD	David
CZI	Monte Cocuzzo		DERT	Desert	DOL	Dolgoi Island	DVDT	Valley Desolation
CZL	Cerro Azul		DES	Desert	DOM	Dominica	DVHZ	Dannevirke
CZM	Crazy Man Mountain		DESE	Dese	DOMB	Dombas	DVI	Derveni
CZ-NB	Cody		DEV	Deva	DOMF	Dompierre	DVKN	Diavik Mine
CZT	Chizu		DFBT	Forest Bistro	DOMO	Domo	DVL	Devil Canyon
D03A	Wishkah Elem. School, Wishkah		DFE	Dawson Falls	DON	Dongola	DVO	Downsview
D04A	Dobbs Creek Ranch, Lacey		DFR	Drift River	DOO	Doolan Road	DVP	Devils Point
D05A	Enumclaw		DFRA	Djebel Bou Affroun	DOPR	Dopca	DVR	Devrek
D06A	Cle Elum		DGAR	Diego Garcia	DOR	Dorot	DVT	Derby
D07A	Quincy		DGBT	Grand Bay	DOS	Dos Bocas Dam	DVTC	Desert V Tower
D08A	Wollman Farm, Schrag		DGC	Durango	DOT	Dot Lake	DWW	Davenport
D09A	Jones Farm, Ritzville		DGI	Dorgali Grotta	DOU	Dourbes	DWDM	Dogwood
D10A	Wagner Farm, Oakesdale		DGMT	Dagmar	DOY	Downie Slide	DWK	Dogwood
D11A	Klaveano Farm, Fernwood		DGN	Dgnorisa	DP-	Duke of York Island	DWM	Dogwood
D12A	Red Ives Forest Station, Avery	DH-NY	DGP	Dabrowa Gornicza	DP1	Deserto P. S.	DWP	Davao Weather Station
D13A	Huson		DGR	Domenigoni Valley Reservoir	DPC	Dobruska-Polom	DWPF	Disney
D14A	Greenough		DGRG	David-gareji	DPI	Dunn Peak	DWR	Dweir
D15A	Lincoln		DGT	Duragan	DPLY	Delli Paoli	DWS	Wesley
D16A	Dana Ranch, Cascade		DH-	Delhi	DPM	Delmo Park	DWU	Dry Willow Peak
D17A	Six Diamond Ranch, Ranyesford		DHA	Dutch Harbor	DPMT	Pointe Michel	DWY	Dawson City
D18A	Linhart Farms, Moccasin		DHAK	Deception Hills	DP-NY	Deposit	DXB	Duxbury
D1A	Dickey		DHB	Downhole Baldwin Hills	DPO	Saint Jean	DY-	Dry Ridge
D2A	Dickey		DHBB	Dhama@ 18r BB	DRPB	Downie Pk Ridge	DY1	Dyersburg
D3A	Dickey		DHD	Dharwar	DPS	Deserto Penisola	DY2	Lassiter
D4A	Dickey		DHH	Diamond Head	DPW	Davenport	DY3	Tiptonville
D5A	Dickey		DHJN	Dharan Janob	DR-	Durango	DY4	Samburg
D6A	Dickey		DHLJ	Dahal	DR01	Juana Nunez	DY5	Near Lassiter
DABA	Dabaa		DHLQ	Lac-des-Plages	DR02	San Jose de las Matas	DYA	Yadsworth
DABV	Dabajuro		DHMR	Dhamar	DR03	Pinalito	DYDN	Diyadin
DAC	Darwin (Calif)		DHN	Doyle Hill	DR04	Monte Llano	DY-KY	Dry Ridge
DAD	Ankara		DH-NY	Delhi	DR05	La Lomota	DYR	Agios Nikonas
DAF	Dafare		DHR	Dhahran	DR06	La Diferencia	DYTN	Dayton
DAG	Danmarks Havn		DHS	Desert Hot Springs	DR07	La Diferencia	DZA	Taraz
DAGI	Agillar		DHV	Doan Hung	DR07	Jarabacoa	DZB	Cabrail
			DHW	Dyer Hill	DR08	Loma La Naviza	DZD	Dalandzadgad
			DHW2	Dyer Hill 2	DR09	Piedra Blanca	DZE	Dzherino
			DHY	Denali Highway	DR1	Juana Nunez	DZH	Dzherino
			DI-	Dillon	DR10	Alto Bandera	DZI	Dzhizak
			DIAC	La Diana	DR11	La Yayitas	DZM	Mont Dzumac

Code	Station Name	Other							
DZN	Dzhankel'dy		EDW2	Base.Rosamund		ELPA	Fila Paraiso	ER106	Early Rise 106
DZR	Jermuk			Edwards Air Force		ELQ	El Quisco	ER107	Early Rise 107
DZT	Dzhirgatal'		EDY	Base.Rosamund		ELRC	Elmore Ranch	ER108	Early Rise 108
E03A	Lebam		EEO	Kabakon Island		ELRO	Cerro El Roble	ER109	Early Rise 109
E04A	Onalaska		EF	Eldae	EF-TX	ELS	Elsinore Mountain	ER110	Early Rise 110
E05A	Randle		EFAM	Eagle Flat		ELSH	Elham, Standardhill	ER111	Early Rise 111
E06A	Yakima		EFI	Famara		ELU	Farm (Kent)	ER112	Early Rise 112
E07A	Sunnyside		EFO	East Falkland Island		ELT	Yeltsovka	ER113	Early Rise 113
E07B	Bay Bridge East Pier 7		EF	Efingham		ELUQ	Electric Lake	ER114	Early Rise 114
E08A	Dider Farm, Eltopia		EFR	Efpalio		ELV	Luque	ER115	Early Rise 115
E09A	Wood Farm, Starbuck		EF-TX	Efringen		ELVI	Elvey	ER116	Early Rise 116
E10A	Myers Farm, Uniontown		EGA	Eagle Flat		ELW	Sierra Elvira	ER117	Early Rise 117
E11A	Bogner Ranch, Nez Perce		EGAK	Jian Township		ELW	Echo Lake	ER118	Early Rise 118
E12A	Beaver Dam Saddle,		EGC	Eagle		EL-WA	Ellensburg	ER119	Early Rise 119
	Pierce		EGD	Eagle		ELY	Ely	ER120	Early Rise 120
E13A	Victor		EGDM	Espegrend		ELYF	Elaudy	ER201	Early Rise 201
E14A	Clinton		EGI	Gr delle femmine		ELZ	Elazig	ER202	Early Rise 202
E15A	Deer Lodge		EGL	Egilsstadir		ELZG	Elazig	ER203	Early Rise 203
E16A	East Helena		EGL1	Gala Law		EM-	Emporia	ER204	Early Rise 204
E17A	Martinsdale		EGM	Gala Law		EMA	Elm	ER205	Early Rise 205
E17B	Bay Bridge East Pier 17		EGMT	El Golfo de Santa Clara		EMAL	Malaga-Limonero	ER207	Early Rise 207
E18A	Harlowton		EGN	Eagleton		EMAR	Monte Arcimis	ER208	Early Rise 208
EAB	Aberfoyle		EGOM	Eagle's Nest		EMAZ	Mazaricos	ER209	Early Rise 209
EACI	Ací Sant' Antonio		EGRA	La Gomera		EMB	Emerald Bay	ER210	Early Rise 210
EADA	Adamuz		EGR	Empire Grade Road		EMCN	Etna Monte Conca	ER211	Early Rise 211
EADB	Eade Ranch		EGRN	Graus		EME	Emae	ER212	Early Rise 212
EAFB	Elmendorf Base		EGRO	Evergreen College		EMEL	Melilla	ER213	Early Rise 213
EAG	Eagle Mountain		EGS	El Granado		EMFO	Monte Fontane	ER215	Early Rise 215
EALB	Alboran		EGUA	Guajares		EMFS	Etna Monte Frumento	ER216	Early Rise 216
EALH	Alhama de Murcia		EGVZ	Evjard			Supino	ER217	Early Rise 217
EALK	Alkurruntz		EGX	Santa Clara		EMGR	Monte Grosso	ER218	Early Rise 218
EAM	Ear Mountain		EHC	Hejung		EMHD	Djebel Mahouada	ER219	Early Rise 219
EAN	East Aurora		EHG	Hijera		EMI	Eightmile Canyon	ER220	Early Rise 220
EANR	'Ain N'Sour		EHIG	Hijera		EMJ	Mijas	ER221	Early Rise 221
EARA	Aranguren		EHN	Echo Peak		EMIL	Monte Intraleo	ER222	Early Rise 222
EARC	Monte Arcimis		EHOR	Hornachuelos		EMIN	Mina Concepcion	ER223	Early Rise 223
EARI	Ariondas		EHP	Heping Village		EMIR	Miracle	ER224	Early Rise 224
EARN	East Ridge Elementary		EHRO	Hierro		EMK	Emporia	ER225	Early Rise 225
	School		EHUE	Huescar		EM-KA	Emporia	ER226	Early Rise 226
EAST	Anshuo	EB-MT	EHV	El Hato		EMLI	Melilla	ER227	Early Rise 227
EAU	Auchinoon		EHY	Hungye		EMLP	Malpasso	ER228	Early Rise 228
EAV	Pico El Aguila		EIBI	Ibiza		EMM	East Machias	ER229	Early Rise 229
EAZ	Earnsclough		EIC	Easter Island		EMMT	East Machias	ER230	Early Rise 230
EB-	East Braintree		EIDS	Eidsvold		EMMW	East Machias	ER231	Early Rise 231
EBAD	Badajoz		EIL	Eilat		EMN	Elodorado Mountains	ER232	Early Rise 232
EBAJ	Bajamar		EINC	Incio		EMNR	Monte Nero	ER234	Early Rise 234
EBAN	Banos Encina		EJIC	Estacion Juarez		EMO	Emosson	ER235	Early Rise 235
EBEL	Etna Belvedere		EJIF	Jimena Frontera		EMON	Mondonedo	ER236	Early Rise 236
EBEN	Beniarda		EJIM	Jimena Frontera		EMOS	Mosqueruela	ER237	Early Rise 237
EBER	Berja		EJON	La Jonquera		EMPA		ER238	Early Rise 238
EBG	Ellensburg		EK	Eureka (L)	EK-NV	EMPL	Monte Parmentelli	ER239	Early Rise 239
EBH	Black Hill		EKA	Eskdalemuir Array		EMRS	Mersa Alam	ER241	Early Rise 241
EBHM	Djebel Bou Ahmed		EKB	Eskdalemuir		EMRV	Monte Ruvalo	ER242	Early Rise 242
EBI	Elk Butte		EKB1	Eskdalemuir Array Site B1		EMS	Emosson-Mur	ER300	Early Rise 300
EBIE	Bielsa		EKB10	Eskdalemuir Array Site B10		EMSC	East Mesa	ER301	Early Rise 301
EBL	Broad Law		EKB2	Eskdalemuir Array Site B2		EMSG	Monte Spagnolo	ER302	Early Rise 302
EBM	Esen Bulak		EKB3	Eskdalemuir Array Site B3		EMT	Emmet	ER303	Early Rise 303
EB-MT	East Braintree		EKB4	Eskdalemuir Array Site B4		EMUR	La Murta	ER304	Early Rise 304
EBN	Edmundston		EKB5	Eskdalemuir Array Site B5		EMUT	Emma Park	ER306	Early Rise 306
EBNR	Beni Rached		EKB6	Eskdalemuir Array Site B6		EMV	Vieux Emosson	ER307	Early Rise 307
EBOM	Djebel Bou Maad		EKB7	Eskdalemuir Array Site B7		EMVT	Monte Vetore	ER308	Early Rise 308
EBP			EKB8	Eskdalemuir Array Site B8		EMX	El Mayor	ER309	Early Rise 309
EBR	Ebro Roquetas		EKB9	Eskdalemuir Array Site B9		EN-	Elsinore	ER310	Early Rise 310
EBRE	Ebro Roquetas		EKC	Ekona		EN6*	Monte Nero	ER311	Early Rise 311
EBS	Eagle Butte		EKG	Eskdalemuir	EKB	ENA	Nanau	ER312	Early Rise 312
EBYL	Djebel Bou Yalou		EKH	Elkhorn Ranch		ENCS	Nicolosi	ER313	Early Rise 313
EBZ	Ebenezer Church		EKMR	Ekimchan		ENDD	Endenburg	ER314	Early Rise 314
ECA	El Cajon		EKN	Konogogo		ENEZ	Enez	ER315	Early Rise 315
ECAB	El Cabril		EKO-NV	Eureka		ENG	Engineer Hill	ER316	Early Rise 316
ECAL	Calabor		EKO	Elko		ENGB	English Bluff	ER317	Early Rise 317
ECALA			EKR	Elk River		ENGD	Engstlatt	ER318	Early Rise 318
ECAN	Masseria Cannata		EKR1	Eskdalemuir Array Site R1		ENGI	Ein Gedi	ER319	Early Rise 319
ECB	Carrickbyrne Hill		EKR10	Eskdalemuir Array Site R10		ENH	Enshi	ERB	Rabaul (IGS)
ECBD	Case Bada		EKR2	Eskdalemuir Array Site R2		ENIC	Nicolosi	ERBA	Erbaa
ECBX	El Chinero		EKR3	Eskdalemuir Array Site R3		ENIJ	Nijar	ERBM	Eremo
ECC	El Centro		EKR4	Eskdalemuir Array Site R4		ENLS	Nicolosi	ERC	Erice
ECCO	Edison CC		EKR5	Eskdalemuir Array Site R5		ENM	Eenrum	ERCT	Erciyes
ECCS	Contrada Cassone		EKR6	Eskdalemuir Array Site R6		EN-MO	Elsinore	ERD	Erdek
ECD	Elk Chute Ditch		EKR7	Eskdalemuir Array Site R7		ENN	Epen	ERE	Yerevan
ECDV	Codavolpe		EKR8	Eskdalemuir Array Site R8		ENPP	El Nido	EREN	Erenkoy
ECEN	Cerro Negro		EKR9	Eskdalemuir Array Site R9		ENR	Entracque	ERI	Eureka Ridge
EC EU	Ceuta		EKS	Erkin-Say		ENSF	Ens	ERIK	Erikli-Kesan
ECF	Echo Falls		EKS2	Erkin-Say		ENT	Entebbe	ERIN	Erian - IBB Gov. - Yemen
ECG	Echelle		EKSU	Eksjoe		ENTT	Nioudou	ERIP	Rio Piedras
ECH	Echery		EKTN	Ekati Mine		ENV	Elp	ERK	Elk Rock
ECHA	Ech Chlef		EKU	East Kanab		ENX	Ensenada	ERM	Ermo
ECHE	Chera		EL-	Ellensburg	EL-WA	ENZ	Enzan	ERMK	Ermek
ECHE	Ech Chlef		ELA	Elazig		EO1	Edge Oya	ERMT	East Ridge
ECHE	Chera		ELAGU	Cayambe Volc		EO2TX	Elmo	ERN	Ernestine
ECHE	Ech Chlef		ELAN	Lanestosa		EORO	Oroz-Betelu	ERNS	Erzin
ECIS	Cisternazza		ELB	Lambon Island		EOSO	Osorio	ERON	Agron
ECK	Cauldkaine Hill		ELBA	Catalca		EP-	El Paso	EROO	Roquetas del Mar
ECL	Taimali		ELC	Elco		EPA	Eparza	ERP	Erie
ECM	Ellicott City		ELD	Ethyl Lake Duckett		EPAB	San Pablo	ERPA	Erie
ECML	Castelmola		ELDR	Elanda		EPALM	Reventador volcano	ERPC	Ermies Place
ECNV	Catenanuova		ELDT	Eldivan		EPAP	Piano d'Api	ERPM	east rand property ines
ECNX	Esteban Cantu@15		ELDTW	Lidau		EPCH		ERR	Err
ECO	Colon		ELF	Elginfield		EPDN	Pizzo Deneri	ERS	Ellisras
ECO2	Colon		ELFO	Elginfield		EPET	Petrulli	ERSA	Rifugio Sapienza
ECOG	Cogollos-Vega		ELFS	Eagle Lake Field Station, Susanville		EPF	Esparrros	ERT	Erto-Casso
ECOPE	Copete-Rev Volc		ELGO	Elora Gorge		EPH	Ephrata	ERTA	Horta de San Juan
ECP	Carnsore Point		ELI	Lubumbashi		EPI	Epi	ERTU	Ertsjaerv
ECPN	Case del Piano		ELIJ	Sierra de Lijar		EPIS	Pennis	ERUA	La Rua
ECR	Eagle Creek		ELIM	Elim		EPLA	Plasencia	ERW	Mount Erie
ECRI	Cripan		ELIZ	Elizondo		EPLC	Punta Lucia	ERZ	Erzurum
ECSD	EROS,Sioux Falls		ELK	Elko		EPLO	Experimental Lakes	ERZC	Erzyncan
ECT	Ellsworth		ELM	Elma		EPM	Echo Peak	ERZM	Erzurum
ECTS	Castiglione		ELMC	El Mirage		EPMB	Univ. Columbia	ERZT	Erzurum
ECVS	Case del Vescovo		ELMO	Cerro Moro		EPMC	Merrill Creek	ES-	Espanola
ECX	Ensenada		ELMT	Elliston		EPMN	Piedimonte	ES01	SONSECA Array Site 01
ECZ	East Cape		ELN	Prospectdale		EPOB	Poblet	ES02	SONSECA Array Site 02
ECZM	Case Zampini		ELNV	Ellenville		EPOL	Con Chiusa Politi	ES03	SONSECA Array Site 03
ED-	Edgewood	ED-MI	ELO	Logie Almond		EPON	Pontenova	ES04	SONSECA Array Site 04
EDB	Eliza Dome		ELOJ	Lobios		EPOZ	Pozzillo	ES05	SONSECA Array Site 05
EDC	Edincik		ELOV	Elorza		EPPA	Pizzo Paviglione	ES06	SONSECA Array Site 06
EDC*	EscuelaIngenieria		ELP	El Pangué		EPR	East Pahranagat Range	ES07	SONSECA Array Site 07
EDEN	Eden					EPRM	East Prairie	ES08	SONSECA Array Site 08
EDI	Edinburgh					EPRU	Pruna	ES09	SONSECA Array Site 09
EDIL	So. Illinois U.					EPT	El Paso	ES10	SONSECA Array Site 10
EDIT	Edith					EP-TX	El Paso	ES11	SONSECA Array Site 11
EDK	El Dorado					EPU	East Promontory	ES12	SONSECA Array Site 12
EDM	Edmonton					EPW	Ephrata	ES13	SONSECA Array Site 13
EDMA	Eldorado					EPZF	Pizzo Felice	ES14	SONSECA Array Site 14
ED-MI	Edgewood					EQES	Quesada	ES15	SONSECA Array Site 15
EDO	Endiloe					EQUE	Quantar	ES16	SONSECA Array Site 16
EDR	Drumtochty					ER1	Erice	ES17	SONSECA Array Site 17
EDRB	Edirne					ER101	Early Rise 101	ES18	SONSECA Array Site 18
EDRZ	Edgcumbe					ER102	Early Rise 102	ES19	SONSECA Array Site 19
EDT	Edincik	EDC				ER103	Early Rise 103	ESA	Esa-ala
EDU	Dundee					ER104	Early Rise 104	ESAC	San Caprasio
EDW	Edwards Air Force					ER105	Early Rise 105	ESAD	Djebel Saadia

Code	Station Name	Other	EXLO	Lorca	FGG	Foggia	FOG	FNDO	Fernando de Noronha
ESAL	Sant'Alfio		EXLR	Lorqui	FGMS	Monte Sant' Angelo	FOG	FNG	Fond-Bernard
ESAN	Monte dei Santi		EXLU	Lugo	FGO	Fogo	FNN	FNO	Franconia Notch
ESB	Esa-ala		EXMA	Malaga	FGO2	Fuego 2	FNO	FNT	Francklin
ESBB	Sonsec Array BB		EXMO	Motril	FGSL	Fruska Gora	FNT	FNVD	Hobart
ESC	El Salvador		EXMU	Mula	FGTN	Flat Gap	FNVD	FN-VV	Fontana Vidola
ESCA	l'Escarène		EXOR	Olula del Rio	FGTQ	Fig Tree	FO-	FOA	Fort Stockton
ESCF	Escot		EXPA	Pamplona	FHU	Flaming Gorge	FH-PM	FOC	Forni Avoltri
ESCO	ESCO Site		EXSA	Sarria	FHE	Fort Sherman	FH-PM	FOD	Fossaki
ESCV	Scorciavacca		EXSG	Experiment Station	FHC	Fickle Hill	FH-PM	FOE	Fodele
ESD	East Dome		EXTA	Tarifa	FHE	Frenchman Hills East	FH-PM	FOF	Fodere
ESDC	Sonsec Array Beam Reference Point		EXTO	Torre Vieja	FHMC	Merrill Creek	FH-PM	FOG	Fourare
ESE	Esentepe		EXVE	Vera	FHO	Fitzroy Harbor	FH-PM	FOL	Foggia
ESEL	Selva		EY-	Ely	FHV	Fort Sherman	FH-PM	FON	Foligno
ESF	Shoufeng Township		EY2	Ely	FIB	Haldarsvik	FH-PM	FOO	Fontmartina
ESGS	El Segundo		EY2NV	Ely	FIA0	FINESS Array Site A0	FH-PM	FOR	Floro
ESH	Esan		EYAK	Cordova Ski Area	FIA1	FINESS Array Site A1	FH-PM	FORC	Fordham
ESK	Eskdalemuir		EYES	Ewing Young ES	FIA2	FINESS Array Site A2	FH-PM	FORR	Fortuna
ESKT	Eskisehir		EYL	Newberg ANSS-SMO	FIA3	FINESS Array Site A3	FH-PM	FORT	Forrest
ESKU	Eskilstuna		EYMN	Eskiyayla	FIAM	Fiamignano	FH-PM	FORT	Forrest
ESL	Shilin		EYNV	Ely	FIB	Fire Island	FH-PM	FORU	Forstmark
ESLA	Sonsec Array Site A		EYP	El Yunque	FIB1	FINESS Array Site B1	FH-PM	FOT	Fontinas
ESLB	Sonsec Array Site B		EZAM	Zamans	FIB2	FINESS Array Site B2	FH-PM	FOTD	Funaoka
ESLC	Sonsec Array Site C		EZC	Erzincan	FIB3	FINESS Array Site B3	FH-PM	FO-TX	Fort Stockton
ESLD	Sonsec Array Site D		EZM	Erzurum	FIB4	FINESS Array Site B4	FH-PM	FOUF	Fouillouse
ESLE	Sonsec Array Site E		EZN	Ezine	FIB5	FINESS Array Site B5	FH-PM	FOX	Fox Creek
ESLF	Sonsec Array Site F		EZPO	C.da Z Pietro	FIB6	FINESS Array Site B6	FH-PM	FOXC	Fox Airport
ESLG	Sonsec Array Site G		F03A	Seaside	FIBO	Fila Bonilla	FH-PM	FOZ	Fox Glacier
ESLN	Serra La Nave		F04A	Amboy	FIC1	FINESS Array Site C1	FH-PM	FPK	Fairview Park
ESM	Semalu		F05A	White Salmon	FIC2	FINESS Array Site C2	FH-PM	FPN1	Fairview Peak
ESML	S. M. di Licodia		F06A	Goldendale	FIC3	FINESS Array Site C3	FH-PM	FPPC	Fogo--Pe de Pico
ESO	Esso		F07A	Phinny Hill	FIC4	FINESS Array Site C4	FH-PM	FPST	Four Points
ES-ON	Espanola		F08A	Vineyards, Prosser	FIC5	FINESS Array Site C5	FH-PM	FPU	Francis Peak
ESP	Espenschied		F09A	Pendleton	FIC6	FINESS Array Site C6	FH-PM	FPW	Fields Point
ESPC	Serra Pizzuta		F10A	S2 Ranch, Elgin	FICA	Fila Carbon	FH-PM	FR-	Forsyth
ESPO	Spot		F11A	Beach Ranch, Enterprise	FID	Port Fidalgo	FH-PM	FR27	Wilpeha Pound
ESPR	Espera		F12A	Grangeville	FIG	Monte Figo	FH-PM	FRA	Furnas
ESPY	Espiye-Giresun		F13A	Elk City	FIL	Fillmore	FH-PM	FRA1	Furnas
ESPZ	Base Esperanza		F14A	Darby	FILF	Fillmore	FH-PM	FRAS	Faraa
ESR	Escape Road		F15A	Wisdom	FIN	Finale Ligure	FH-PM	FRB	Frobisher Bay
ESRO	Monte Soro		F16A	Butte	FINC	Finschhafen	FH-PM	FRC	Federal Ranch
ESS	CRAAG		F17A	Kennard Place, Willow Creek	FINE	Fine	FH-PM	FRE	Fresno
EST	Estancia		F18A	Fitzpatrick Place, Clyde Park	FINES	FINESS Array Beam Reference Point	FH-PM	FRED	Fred Haigh
ESTP	Estepa		FAI	Big Timber	FINN	Finn Hill Junior High School	FH-PM	FRES	Fresagrandinaria
ESTR	Eastside		FA1	Favara	FINU	Finntorp	FH-PM	FRF	La Foret Royale
ESU	Esutoru		FAB	Fabrichnaya	FIPE	Fila de Piedra	FH-PM	FRG	Fergana
ESVO	Monte Scavo		FABU	Falkenberg	FIR	Fire Island	FH-PM	FRGC	Fargo Canyon
ESY	Stoneypath		FAC	Faja de Cima	FIS	Fire Island	FH-PM	FRGS	Fruska Gora
ET2	Eltopia		FACH	Fachingen	FISA	Sacuragua	FH-PM	FRI	Friant
ET3	Eltopia		FAE	Faenza	FITX	Fitzroy Crossing	FH-PM	FRIM	Kepong
ETA	Tara		FAEN	Faenza	FITZ	Fitzroy Crossing	FH-PM	FRIS	Frissel Point
ETAN	Djebel Tanoua		FAGN	Fagnano	FIU	Minerbio Fiu	FH-PM	FRJS	Jabal Farasan
ETAR	Tardaria		FAI	Favara	FK-	Franktown	FH-PM	FRK	Frink
ETB	Estevan Point		FAIR	Fairbairn	FKBC	Forrest Kerr	FH-PM	FRM	Flat River
ETC	El Centro		FAL	Falling Springs	FKCO	Franktown	FH-PM	FRMA	Ierapetra Chania
ETER	Terradas		FALK	Falkenberg	FKH	Franktown	FH-PM	FR-MA	Forsyth
ETFI	Torre del Filo		FALL	Mountain Creek	FKI	Failaka Island	FH-PM	FRN	Fernie
ETG	Eatonton		FALS	False Pass	FKJ	Fukue	FH-PM	FRNF	Fournols
ETHB	Djebel Tachoubennt		FALU	Falun	FKJD	Fukui	FH-PM	FRNY	Flat Rock
ETKA	Kagalaska Island		FAM	Famagusta	FKK	Fukuoka	FH-PM	FRO	Froya
ETL	Fush Village		FAN	Fanning Island	FKO	Franklin	FH-PM	FROB	Froelich Ranch
ETOB	Tobarra		FANE	Correggio Fan	FKS	Fukushima	FH-PM	FRP	Fremont Peak
ETOR	Torete		FA-NV	Faultless	FL-	Fort Nelson	FH-PM	FRR	Firariana
ETOS	Mallorca		FAQ	Al Faqa, Dubai	FL01	Flin Flon Array Site 1	FH-PM	FRS	Fauresmith
ETP	Eltopia		FAR	Faro	FL02	Flin Flon Array Site 2	FH-PM	FRSS	Farasan al Kabir
ETRT	Tiaret		FARB	Farallon Islands	FL03	Flin Flon Array Site 3	FH-PM	FRT	Faratahi
ETS	Engine Test Stand		FARG	Farmington	FL04	Flin Flon Array Site 4	FH-PM	FRTM	Forrest
ETSF	Etsaut		FARH	Faro	FL05	Flin Flon Array Site 5	FH-PM	FRTX	Fuller Ranch
ETT	Etowah		FARM	Veracruz	FL06	Flin Flon Array Site 6	FH-PM	FRU	Bishkek
ETU	East Traverse Mountains		FAT	Fatmalal	FL07	Flin Flon Array Site 7	FH-PM	FRV	Farmville
ETV	Tovanakuss		FAU	Forcella Aurine	FL08	Flin Flon Array Site 8	FH-PM	FRZ	Fierza
ETW	Entiat		FAV	Fayetteville	FL09	Flin Flon Array Site 9	FH-PM	FS-	Flagstaff
ETYK	Eutaw		FAVR	Favara	FL10	Flin Flon Array Site 10	FH-PM	FS03	Four Seasons
EU-	Eutaw	EU-AL	FAY	Fayetteville	FL11	Flin Flon Array Site 11	FH-PM	FS1	Fosdinovo
EU2	Eutaw	EU2AL	FB2AK	Fairbanks	FL12	Flin Flon Array Site 12	FH-PM	FS-AZ	Flagstaff
EU2AL	Eutaw		FBA	Fairbanks	FL13	Flin Flon Array Site 13	FH-PM	FSB	Fort Saint James
EU-AL	Eutaw		FBAL	Fairbanks-Long Period	FL14	Flin Flon Array Site 14	FH-PM	FSC	Fuscaldo
EUC	Eureka Canyon		FBAS	Fairbanks	FL15	Flin Flon Array Site 15	FH-PM	FSD	Sut uroy
EUGM	Eugowra		FBB	Freiburg im Breisgau	FL16	Flin Flon Array Site 16	FH-PM	FSH	Hochheid
EUM	Eureka Mesa		FBC	Frobisher Bay	FL17	Flin Flon Array Site 17	FH-PM	FSHM	Fish Creek
EUNU	Eureka		FBE	Freiberg	FL18	Flin Flon Array Site 18	FH-PM	FSI	Fosdinovo
EUO	Eugene		FBG	Trois Rivières	FL2	Flat Top 2	FH-PM	FSJ	Fort Saint James
EUR	Eureka		FBK	Fairbanks	FL31	Flin Flon Array Site 31	FH-PM	FSP	False Pass
EUW	Eureka		FBMT	Ferry Basin	FLA	Flat	FH-PM	FSR	Penalolen
EVA	Evander		FBN	Frobisher Bay	FLACH	Flaach	FH-PM	FSSB	Fossombrone
EVAL	Valverde		FBO	Farmers Butte	FLAG	Flagstaff	FH-PM	FST	Fort Simpson
EVCC	Everett College		FBR	Fabra	FLAR	Flin Flon Array Beam Reference Point	FH-PM	FST1	Fort Simpson
EVE	Everglades		FBT	Foubot	FLAS	Fullerton Airport	FH-PM	FSU	Fish Springs
EVGW	Everett Gateway		FCBC	Franklin Camp	FL-BC	Fort Nelson	FH-PM	FSV	Svinoy
EVIA	Vianos		FCC	Fort Churchill	FLE	Fletcher	FH-PM	FSW	Finstenwolde
EVIN	Evansville		FCH	Farellones	FLET	Fletcher	FH-PM	FT-	Fort McLeod
EVN	Everest		FCN	Frijoles Canyon	FLG	Flagstaff	FH-PM	FTA	Fortuna
EVNA	Vena		FCV	Fort Charlotte	FLK	Falkland Islands	FH-PM	FTB	Fintinele
EVNR	Evensk		FDA	Foz do Areia	FLKY	Flemingsburg	FH-PM	FT-BC	Fort McLeod
EVO	Evora		FDA4	Foz do Areia	FLN	La Foliniere	FH-PM	FTC	Fort Tejon
EVOP	Sao Brissos		FDA5	Foz do Areia	FLO	Floissant	FH-PM	FTM	Fortuna Mine
EVR	Evyrtania		FDAF	Les Forges d'Abel	FLOC	Florenca	FH-PM	FTO	Torshavn
EVRN	Santa Venerina		FDCV	FORTIN DE LA CUMBRE	FLOM	Florida	FH-PM	FTR	Fort Ross
EVV	El Vigia		FD	Fort de France	FLOS	Flores Is	FH-PM	FTV	Front Royal
EVZ	Mount Varzin		FDKY	Freedom	FLOR	Flores Is	FH-PM	FTW	Fairmont
EW-	Eniwetok	EW-IS	FDMO	Fiordimonte	FLOS	Flostrand	FH-PM	FTZM	Fitzroy Falls
EW-C	East Wide Canyon		FDU	Ford Ridge	FLP	Featherly Pass	FH-PM	FUB	Fube
EW-IS	Eniwetok		FEA	Feather Falls	FLPT	Flippin	FH-PM	FUG	Fuego 3
EWT	Watom Island		FECT	Ferrara Citta	FLR	Fall River	FH-PM	FUJ	Fuji-kawa
EWZ	Erehwon		FEF	Fern Forest	FLS	Las Flores	FH-PM	FUK	Fukui
EXAA	Alhama Almeria		FEKT	Feke	FLSC	Flash Two Peak	FH-PM	FUL	Funchal
EXAD	Adra		FEL	Feldberg	FLU	Fool Peak	FH-PM	FULR	Funchal
EXAG	Alhama Granada		FELD	Feldberg im Schwarzwald	FLV	Fool Peak	FH-PM	FUN	Funatsu
EXAI	Alicante		FEN	Shenyang	FLW	Foulwind	FH-PM	FUNA	Funafuti
EXAL	Albunol		FENE	Fenestrelle	FLWY	Flagg Ranch	FH-PM	FUNV	FUNVISIS
EXAM	Almeria		FEO	Feodosiya	FLYU	Flymyra	FH-PM	FUORN	FURN
EXAR	Arenas del Rey		FER	Ferndale	FMA	Fort MacArthur	FH-PM	FUR	Furstenfeldbruck
EXBA	Badajoz		FERN	Isla Fernandina	FMC	Four Mile Canyon	FH-PM	FURC	Furnace Creek,Death Valley
EXBE	Becerrea'		FERR	Ferguson	FMF	Francis Marion National Forest	FH-PM	FURD	Furusato
EXBN	Benidorm		FETA	Feichten	FMKY	Fulgham	FH-PM	FURI	Furi
EXBZ	Baza		FETY	Fethiye	FMP	Fort MacArthur Park	FH-PM	FUSE	Fusea
EXC	Excelsior		FFBG	Frank Field Bay, Greenland	FMPA	Franklin College	FH-PM	FUSIO	Fusio
EXCA	Cadiz		FFC	Franklin Falls Dam	FMT	Funeral Mountains	FH-PM	FUT	Futatsui
EXCH	Chimeneas		FFD	Franklin Falls Dam	FMTX	Flower Mountain	FH-PM	FVA	Vagar
EXDI	Dilar		FFNB	Fofonovo	FM-UT	Fillmore	FH-PM	FVI	Forni Avoltri
EXED	Elda		FG1	Foggia	FMW	Mount Fremont	FH-PM	FVM	French Village
EXEE	El Ejido		FG2	Serracapriola	FN-	Franklin	FH-PM	FWS	Furtwangen
EXEL	Elche		FG3	Mte Sant'Angelo	FNA	Florida	FH-PM	FWV	Forest Hill
EXES	Estepona		FG4	Candela	FNBB	Fort Nelson	FH-PM	FWVZ	Far West T-bar
EXJA	Jaen		FG5	Orsara di Puglia	FNBC	Fort Nelson	FH-PM	FY1	Fort Yukon
EXJU	Jumilla		FG6		FNC	Finlay Fork	FH-PM	FY2	Fort Yukon

Code	Station Name	Other	HAKT	HAKKARI	HEX	Exmoor	HLR	Highland Ranch
GTT	Gottingen		HAKY	Hadley Quad	HEXM	Hexham	HLS	
GTTG	Gvtingen		HAL	Halifax	HFA0	Hagfors New Array Site A0	HLSB	Harrison Lake South
GTTN	Green Top		HALM	Halim	HFA1	Hagfors New Array Site A1	HLT	Holt
GTV	Cerro Torbio		HALT	Halls	HFA2	Hagfors New Array Site A2	HLTM	Lone Tree Road
GTWN	Georgetown Playfield ANSS-SMO		HAM	Hamburg	HFA3	Hagfors New Array Site A3	HLW	Helwan
GUA	Guam		HAMM	Hamman Mousa	HFB1	Hagfors New Array Site B1	HLX	Hole
GUAC	Guacamaya		HAMO	Hamaker Mountain	HFB2	Hagfors New Array Site B2	HLZ	Helez
GUAL	Guallil		HAN	Hanford	HFB3	Hagfors New Array Site B3	HM-	Hundred Mile H.
GUAM	Guam		HAO	Harrison Substation	HFB4	Hagfors New Array Site B4	HMA	Khanly-Mansiysk
GUAMO	Guam		HAQS	Haqi	HFB5	Hagfors New Array Site B5	HMAT	Matruh
GUAN	Valle de Guanape		HAR	Hartford	HFC2	Hagfors New Array Site C2	HMB	Hamburg
GUAR	Guarcino		HARI	Harich	HFEM	San Felipe	HM-BC	100 Mile House
GUAY	Guayacanes		HARN	Harre	HFHM	Flint Hills	HMC	Holland Mills
GUB	Guba		HARP	HAARP	HFFM	Frement Peak	HMCY	Holy Mount Cemetery
GUD	Guadarrama		HARR	Harsova	HFRF	Wahat Farafirah	HMD	Hamada
GUI	Guimar		HART	Harbor Island ANSS-SMO	HFS	Hagfors	HMDC	Modica
GUIM	Jordan		HARZ	Haroharo	HFS1	Hagfors Array Site A1	HMDM	Hanimaadhoo
GUIV	Guiria		HAS	Hastings	HFSB1	Hagfors Array Site B1	HMDT	Nahal Hemdat
GUL	Gulkana		HASLI	Hasliberg	HFSB2	Hagfors Array Site B2	HMG	Houelmont
GULE	Gulek		HASS	Wahat al Ahsa'	HFSB3	Hagfors Array Site B3	HMH	Humuula
GULT	Gulveren		HAST	UC Hastings Reserve, Carmel Valley	HFSB4	Hagfors Array Site B4	HMK	Himekami
GULW	Guler Mountain		HASU	Hassela	HFSB5	Hagfors Array Site B5	HML	Hamilton
GUM	Guadalajara		HAT	Hattorf	HFSC1	Hagfors Array Site C1	HML1	Hamley Bridge
GUM2	Guadalajara 2		HATC	Hat Creek Radio Observatory, Hat Creek	HFSC2	Hagfors Array Site C2	HMM	Hamamatsu
GUMO	Guam		HATD	Hatta, Dubai	HFG	Hagfors	HMMJ	Hamamatsu 2
GUMR	Gum-Bashi		HATH	Hata	HFGS	Hagfors	HMN	Homestead National Monument
GUMT	Gumushane		HATI	Hayti	HFGS1	Hagfors Array Site B1	HMNA	Hamren
GUN	Gumba		HATJ	Hateruma jima	HFGS2	Hagfors Array Site B2	HMNO	Mineo
GUNV	Guanoco		HATZ	Hinemaiaia	HGV	Hagfors Array Site B5	HMNT	Holman
GUNZ	Gunzen		HAU	Haudompre	HGV0	Hagfors Array Site B5	HMO	H. Mason
GUO	Gour		HAV	Havilah	HGW	Hagfors Array Site C2	HMOM	Monterey
GUR	Goura		HAVC	Havirov	HH	Hannah	HMR	Hamilton Ranch
GURV	El Guri		HAVE	Haverstraw	HH2	Hannah	HMRJ	Hamra
GUT	Gutenstein		HAVL	Avola	HH2ND	Hannah	HMSA	Hans M'sky res
GUV	Guri		HAWA	Hanford	HHAI	Hells Half Acre	HMSM	Jabal Masmas
GUV1	Guri Network		HAWK	Haweek	HH	Hu-ho-hao-te	HMT	Hamilton
GUV2	Guri Network		HAWT	Hathaway	HHH	Horse Heaven Hills	HMTD	Hikami
GUV3	Guri Network		HAY	Hayfield	HHI	Harmony Heights	HMTJ	Hamta
GUV4	Guri Network		HAYW	Haystack Fork	HHM	Hungry Horse	HMU	Henry Mountain
GUV5	Guri Network		HAZM	Anzar Road	HH-ND	Hannah	HMVD	Mayadein
GUV6	San Jose del Guaviare		HB-	Hobart (Okla)	HIC	Hidaka-Cho	HN-	Houlton
GV-	Grapevine	GV-TX	HBA	Halley Bay	HICC	Highline Community College ANSS-SMO	HNAT	Natron
GVA	Apache Junction		HBAR	Harrisburg	HICK	Hickman	HNAZ	Hnaberd
GVD	Gavdos		HBC	Horseshoe Bay	HID	Hamer Butte	HNB	Haney
GVDS	Gavdos		HBD	Hovd	HIER	Hierbabuena	HNG	Hongo
GVI	Bet Guvrin		HBDDB	Hayseed and Buckwheat Dairy Farm	HIG	Hawaii Institute of Geophysics	HNH	Hanover
GVL	Greenvale		HBF	Harts Bluff	HII	Heard Island	HNK	Nakhl
GVMR	Giv'at Hamore		HBH	Hawaiian Beaches	HIK	Hikone	HNL	Honolulu
GVN	Grapevine		HBL2	Bonnylands	HIK0	Hikinohira	HNM	Heniu Mare
GVR	Green Valley Road		HBM	Hobart Mills	HIL	Hilo	HNME	Houlton
GVRC	Garvey Reservoir		HBMT	Mount Humbug	HILG	Hillesheim	HN-NE	Houlton
GVS	Graniteville		HBNS	Bani @ 18 Suwayf	HILS	Ha'il	HN-ME	Houlton
GV-TX	Grapevine		HBO	Huckleberry Mountain	HIN	Hinchinbrook Island	HNMJ	Hino-misaki
GWBC	Aumenau		HB-OK	Hobart	HINZ	Hinze Dam	HNR	Honiara
GWBE	Wiesbaden		HBR	Haibara	HIR	Hiroshima	HNTI	Hanita
GWBF	Romrod		HBRG	Burj al 'Arab	HIR1	Hiroshima	HNV	Hanoi
GWC	Great Whale River		HBST	Basata	HIS	Hisarcik	HNZ	Hamilton
GWDE	Greenwood		HBT	Hobart Mills	HIT	Hinteralfeld	HNZ	Havelock North
GWF	Grand Wintersberg		HBTM	San Juan Bautista	HITZ	Hingarae	HOBC	El Hobo
GWH	Guwahati		HBV	Harrisonburg	HIZ	Haiti	HOBG	Hohbusch
GWJ	Greenwich		HBV2	Hoa Binh	HJA	Humahuaca	HOD	Hodge
GWKM	Walker Ridge		HBVN	Hoa Binh	HJGM	San Juan Grade	HOE	Hof
GWR	Great Whale R.	PBQ	HBTM	Hobart Mills	HJH	Hachijo jima	HOFF	Hoffen
GWRM	Wonder Ranch		HBU	Hudson	HJSM	John Smith Road	HOG	Hogback Mountain
GWV	Greenwater Valley		HBUV	Hoa Binh	HJ	Honjo	HOGG	Hoggard's Bluff
GWY	Greenwater Valley		HCV	Herceg Novi	HJW	Hawking	HOGH	Ho
GY-	Gaylord		HCG	Craig Goch	HKA	Jabal Katrina	HOH	Hohenheim
GYA	Guiyang	GY-MN	HCI	Hatchie Coon Island	HKB	Herkenbosch	HOI	Hoima
GYL	Gyula		HCK	Huntoon Valley	HKC	Hong Kong	HOJ	Hope
GYM	Guaymas		HCN	Howe Caverns	HKER	Hawker	HOJA	Cerro de Hojas
GY-MN	Gaylord		HCO	Huanuco	HKFR	Khafra	HOK	Hohkeppel
GYMZ	Gyumri		HCNY	Howe Caverns	HKI	Fushiki	HOKG	Hokigiyama
GYN	Goynuk		HCOM	Corn Cob Canyon	HKL	Hokoriku	HOL	Holguin
GYO	Guyot Hills		HCPM	Crevison Peak	HKN	Hawks Nest	HOLB	Holberg
GZH	Guangzhou		HCR	Hot Creek Range	HKNS	Hadbat Hakran	HOLY	Holy Rosary School
GZI	Ganzirri		HCR2	Heredia 2	HKP	Hidden Lake	HOM	Homer
GZLA	Gyzyletrek		HCR2	Heredia 2	HKR	Hakkari	HOME	McLaughlin Mine
GZN	Ground Zero		HCR2	Heredia 2	HKR	Hakkari	HOMI	Horasan
GZ-0H	Galion		HCR2	Heredia 2	HKR	Hakkari	HON	Honolulu
GZR	Gura Zlata		HCR2	Heredia 2	HKR	Hakkari	HONK	Hondo
GZS	Gozaisho	GOZ	HCR2	Heredia 2	HKR	Hakkari	HONU	Honeyville
GZT	Gaziantep		HCR2	Heredia 2	HKR	Hakkari	HO	Hiroo
GZTT	Gaziantep		HCR2	Heredia 2	HKR	Hakkari	HOOD	Mount Hood Meadows
GZU	Grizzly Peak		HCR2	Heredia 2	HKR	Hakkari	HOJ	Hiroo 2
H02A	Toledo		HCR2	Heredia 2	HKR	Hakkari	HOP	Hope Bay
H03A	Soap Creek Ranch, Albany		HCR2	Heredia 2	HKR	Hakkari	HOPB	Hope
H04A	Detroit Lake		HCR2	Heredia 2	HKR	Hakkari	HOPE	Hope Point
H05A	Madras		HCR2	Heredia 2	HKR	Hakkari	HOPEN	Hopen
H06A	Lindquist Farm, Mitchell		HCR2	Heredia 2	HKR	Hakkari	HOPM	Mount Hope
H07A	Lands Inn, Kimberly		HCR2	Heredia 2	HKR	Hakkari	HOPM	Mount Hope
H08A	Prairie City		HCR2	Heredia 2	HKR	Hakkari	HOPOS	Hopovo Monastery
H09A	Durkee		HCR2	Heredia 2	HKR	Hakkari	HOPS	Hopland
H10A	Noah's Angus Ranch, Cambridge		HCR2	Heredia 2	HKR	Hakkari	HOPT	Hopper
H11A	Donnelly		HCR2	Heredia 2	HKR	Hakkari	HOQ	Hoqain
H12A	Diamond D Ranch, Stanley		HCR2	Heredia 2	HKR	Hakkari	HOOC	Horqueta
H13A	Challis		HCR2	Heredia 2	HKR	Hakkari	HOR	Horta
H14A	Leadore		HCR2	Heredia 2	HKR	Hakkari	HORH	Horominai
H15A	Lima		HCR2	Heredia 2	HKR	Hakkari	HORM	O'Connell Ranch
H16A	Russell Place, West Yellowstone		HCR2	Heredia 2	HKR	Hakkari	HORN	Hornachuelos
H17A	Grant Village (NPS), Yellowstone Nt. Park		HCR2	Heredia 2	HKR	Hakkari	HORT	Horiatias
H2O	Hawaii-2 Observatory		HCR2	Heredia 2	HKR	Hakkari	HOT	Hot Springs Mountain
H2QWA	Water		HCR2	Heredia 2	HKR	Hakkari	HOU	Houston
HAB	Haboro		HCR2	Heredia 2	HKR	Hakkari	HOW	Howrah
HABR	Khbarovsk		HCR2	Heredia 2	HKR	Hakkari	HOWZ	Holdsworth Station
HAC	Hachinohe		HCR2	Heredia 2	HKR	Hakkari	HPAR	Pala Acreide
HACH	Hacho		HCR2	Heredia 2	HKR	Hakkari	HPE	Pembroke
HACJ	Hachinohe 2		HCR2	Heredia 2	HKR	Hakkari	HPHM	Park Hill
HAD	Hassan Addkhil		HCR2	Heredia 2	HKR	Hakkari	HPI	Howe Peak
HADB			HCR2	Heredia 2	HKR	Hakkari	HPIG	Haverah Park
HADR			HCR2	Heredia 2	HKR	Hakkari	HPK	Knoxville
HAE	Alders End		HCR2	Heredia 2	HKR	Hakkari	HPKT	Pacheco Lake
HAF	Haifa		HCR2	Heredia 2	HKR	Hakkari	HPLM	Honuapo
HAG	Hague Volcano		HCR2	Heredia 2	HKR	Hakkari	HPO	Honuapo
HAGA	Augusta		HCR2	Heredia 2	HKR	Hakkari	HPP	Hepp
HAGS	Hagol		HCR2	Heredia 2	HKR	Hakkari	HPRM	Peckham Road
HAH	Hahryggur		HCR2	Heredia 2	HKR	Hakkari	HPU	Hale Pohaku
HAI	Haiwee		HCR2	Heredia 2	HKR	Hakkari	HQL	Haql
HAIL	Harrisburg (Southeastern Illinois College)		HCR2	Heredia 2	HKR	Hakkari	HQN	Harlequin Lake
HAIJ	Hajjah		HCR2	Heredia 2	HKR	Hakkari	HQRH	Quien Sabe
HAK	Hakodate		HCR2	Heredia 2	HKR	Hakkari	HQRM	Quien Sabe
HAKJ	Hakodate 2		HCR2	Heredia 2	HKR	Hakkari	HQSR	Quien Sabe

Code	Station Name	Other							
HRG	Hirogawara		I07A	Izee	IIP	El Pino		INMK	Ichonomiya
HRH	Heinrich-Robert Mine		I08A	Drewsey	IIS	IISEE		INN	Innsbruck
HRI	Mount Hermon		I09A	Lost Marbles Ranch,	IISM	Ciudad Serdan		INPP	Ignalina Nuclear
HRJ	Horyu		I10A	Westfall	IIT	Tonantzintla		INR	Itanagar
HRM	Kawasaki		I11A	Payette	IIZ	Mezontepec		INS	Inspiration
HRMB	Harrison Mills		I12A	Placerville	IJDJ	Iida	IIDJ	INSR	Institute
HRMC	Merrill Creek		I13A	Atlanta	IJF	Islas Juan Fernandez		INTR	Intradacqua
HRMR	Khuramsha		I14A	Wildhorse Creek, Mackay	IK-	Ink	IK-AR	INTV	Intevop
HRN	Hornadal		I15A	Mackay	IKAL	Kalfafell		INU	Inuyama
HRO	Hermiston		I16A	Montevieu	IKAR	Kharkheh		INUQ	Inukjuak
HROE	Hohe Rhon-Flad		I17A	Newdale	IK-AR	Ink		INV	Inverlochy
HRZR	Handcock Road		I18A	Pilgram Creek (NPS),	IKAS	Kald??rsel		INW	Iliamna NW
HRSH	Kfar Ka'horehsh			Teton National Park	IKAZ	Kazeroon		INY	Ithaca
HRT	Hereke			Diamond G Ranch,	IKIA	Kiasar		INYL	Nylenda
HRTT	Hiratsu		IAA	Dubois	IKJ	Ikusaka		IO-	Ione
HRU	Hogsback Ridge		IAD	In Amguel	IKL	Isikli		IO-NV	Ione
HRUT	Hardware Ranch	HWUT	IADA	Aoalbol	IKLH	Kalahroud		IPA	Ipanguacu
HRV	Harvard-Oak Ridge		IAFJ	Afjeh	IKOM	Komasi		IPAN	Panarea IE
HRY	Holter Research		IAG	Institut Agronomique	IKOO			IPAR	Pars
HS-	Foundation-York Bridge	HS-NB	IAKL	Akhlamad	IKP	Inkopah		IPAY	Payeh
HSA	Swansea		IALA	Alasht	IKRD	Kardeh		IPE	Ipeti
HSAF	As Saff		IAND	Andimeshk	IKRE	Kreppuhraun		IPES	Pescosannita
HSFA	Helvecia		IANJ	Anjiloo	IKRI	Krivyuk		IPIL	Ipil
HSFG			IAS	Iasi	IKRO	Krokur		IPIR	Piripir
HSFM	Saint Francis Retreat		IASB	A@15sbjarnarstat ir	IKUD	Kuludalsa		IPM	Ipoth
HSH	Hashikami		IASM	Asmulii	IKVO	Krokottuvotn		IPOZ	Pozzuoli
HSJ	Hashim		IAV	Isla Aves	IKZ	Isoka		IPRE	Itoiz
SHL	Bi'r Shalatayn		IAZR	Azarshahr	IL01		IL1	IPRN	Paran-Amol
HSI	Hsinkong		IBAF	Bafgh	IL02	Eielson Array Site 2		IQUH	Quchan
HSIG	Hoshina		IBAR	Ibarra	IL03	Eielson Array Site 3		IQOM	Qom
HSK	Changchun		IBAV	Isla La Blanquilla	IL04	Eielson Array Site 4		IQOQ	Iquique
HSLM	San Luis Dam		IBBN	Ibneburen	IL05	Eielson Array Site 5		IR1	Iran Long-Period Array
HSMO	Haileybury School of Mines		IBJA	Bjarnastaoir	IL06	Eielson Array Site 6		IR2	Iran Long-Period Array
HSN	Hsinchu		IBK	Innsbruck	IL07	Eielson Array Site 7		IR3	Iran Long-Period Array
HS-NB	Hay Springs		IBND		IL08	Eielson Array Site 8		IR4	Iran Long-Period Array
HSND	Hausen		IBRE	Brettingsstaoir	IL09	Eielson Array Site 9		IR5	Iran Long-Period Array
HSO	Harness Mountain	IC-GL	IBRJ	Borojen	IL1	Eielson Array Site 1		IR6	Iran Long-Period Array
HSP	Hornsund		IBRU	Bruarjokull	IL10	Eielson Array Site 10		IR7	Iran Long-Period Array
HSPM	Sheep		IBST	Bostanabad	IL11	Eielson Array Site 11		IRAM	Ramsheh
HSR	South Ridge		IBU	Ibuki Yama	IL12	Eielson Array Site 12		IRAZ	Razeghan
HSRS	Siracusa		IBZA	Bozab	IL13	Eielson Array Site 13		IRC	Iron Canyon
HSS	Hokkaido University		IC	Ice Cap	IL14	Eielson Array Site 14		IRCI	INEL Research
HSW	Hot Spot		ICA	Ica	IL15	Eielson Array Site 15		IREN	Reynihlio
HSY	Hisarkoy		ICC	Iquique	IL16	Eielson Array Site 16		IRI	Irimote jima
HT-	Hastings	HT-MN	ICCO	Coco Island	IL17	Eielson Array Site 17		IRIF	Irimote-Funauki
HTC	Hot Caves		IC-GL	Ice Cap	IL18	Eielson Array Site 18		IRK	Irkutsk
HTCF	Hilton Creek		ICH	Ichihara	IL19	Eielson Array Site 19		IRM	Iron Mountain Pumping Sta.Desert Center
HTG	Hatgal		ICHK	Chekchek	IL31		ILB	IRN	Iron Mountains
HTK	Hotokeiwa		ICI	Italian Canyon	ILA	Ilan		IRO	Indian Ridge
HTL	Hartland		ICM	Isla Caja Muertos	ILAR	Eielson Array Beam Reference Point		IRS	Iris
HT-MN	Hastings		ICO	Isla del Coco	ILAS	Lasjerd		IRSH	Iranshahr
HTMS	Hat Mesa		ICQ	Pointe Anglais	ILB	Eielson Array Broadband	ILAR	IRZ	Volcan Irazu
HTN	Hohentengen		ICR	Volcan Irazu	ILCH	Illapel		IRZ2	Volcan Irazu 2
HTQ	Hauterive		ICU	Indian Springs Canyon	ILEI	Leirhofn		ISA	Isabella
HTR	Trewern Hill		ICY	Ichiyama	ILG	Inge Lehmann	IC-GL	ISAD	Sadrabad
HTT	Hallett		ID1	Idaho Array 1	ILGA	Ilgaz		ISAL	Salakas
HTU	Hoyt Peak		ID2	Idaho Array 2	ILI	Ili		ISAN	Sandskeio
HTW	Haystack Lookout		ID3	Idaho Array 3	ILIM	Iliamna		ISAU	Saurbar
HTY	Hatay		ID4	Idaho Array 4	ILIN	Laeen		ISAV	Santa Isabel
HUA	Huancayo		ID5	Idaho Array 5	ILIQ	Lip Q Pani IE		ISCO	Idaho Springs
HUBA	Hudson Bay High School ANSS-SMO		IDA	Idaho Array	ILKN	Indian Lake		ISE	Ise
HUCH	Huasco		IDAH		ILM	Iliamna		ISF	Iسفjord
HUDU	Hudiksvall		IDC	Isla del Cano	ILMG	Lip M Gallina IE		ISFB	Sefidab
HUEN	Huehuecho		IDE	Isla Desecheo	ILN	Island Lagoon		ISFR	Esfarayen
HUES	Huehuecho		IDHR	Dehrash	ILO	Iloilo		ISH	Ishtion
HUG	Huitziltil		IDI	Anoyia	ILOC	Iloca		ISHB	Shabestar
HUH	Hualalai		IDID	Didziasalis	ILON	Igloolik, Nunavut		ISHM	Shahmirzad
HUIG	Huatulco		IDJ	Iqjevan	ILS	Iliamna Low South		ISHO	Shoshtar
HUL	Heiheiahulu		IDMV	Damavand	ILT	Iul'tin		ISHR	Shahrn
HUMM	Hume Dam		IDR	Idriss Premier	ILUG	Iulissat, Greenland		ISHV	Shirvan
HUMO	Hull Mountain		IDS	Dashabbas	ILW	Iliamna West		ISI	Ishigaki jima
HUMP	Col San Antonio		IECU	Ecuador Network	IM01	Indian Mountain Array Site 1		ISIG	Sigluflorour
HUN	Hundersingen		IEMG	Ema@18mqoli@18	IM02	Indian Mountain Array Site 2		ISIK	Ishii
HUO	Hudson		IENR	Iengra	IM03	Indian Mountain Array Site 3	IM3	ISKR	Skrokkalda
HUOR	Husband		IESK	Eystri-Skogar	IM04	Indian Mountain Array Site 4		ISL	Ismayill
HUR	Hurricane		IESO	Jesolo	IM05	Indian Mountain Array Site 5		ISLN	Salina IE
HURP	Huarmaca		IFAG	Fagurholsmyri	IM3	Indian Mountain Array Site 3		ISM	Ismayilli
HUSU	Husum		IFIL	Filicudi I Eolie	IMA	Indian Mountain		ISN	Ishinomaki
HUTI	Huta Ginjang		IFIR	Firoozkooh	IMA2	Indian Mountain		ISNB	Snabyl
HUTZ	Huka		IFLA	Flatey	IMAR	Indian Mountain Array Beam Reference Point		ISO	Isola
HUV	Hue		IFR	Ifrane	IM03	Indian Mountain Array Site 3		ISOG	Isortoq, Greenland
HUZ	Huaraz		IGAB	Igarata	IM04	Indian Mountain Array Site 4		ISOL	Solvholt
HV-	Havre	HV-MA	IGAR	Garneh	IM05	Indian Mountain Array Site 5		ISOR	Termini
HVA	Hanceville		IGBI	Denpasar	IMA	Indian Mountain		ISP	Isparta
HVAR	Hvar		IGGU	Iggoen	IMA2	Indian Mountain		ISPL	Str Punta Lena IE
HVC	Hernandez Valley		IGHG	Ghaleghazi	IMAR	Indian Mountain Array Beam Reference Point		ISQ	Mount Isa
HVD	Hendrik Verwoerd Dam		IGIL	Gilhagi	IMAT	Imadeyama		ISR	Istria
HVK	Hallstavik		IGLN	Igloolik	IMEH	Mehriz		ISRB	Sarab
HVL	Huntoon Valley		IGLO	Galoogah	IMG	Imagane		ISRV	Sarvestan
HV-MA	Havre		IGLU	Glumsstadir	IMHD	Ma@18hdasht		ISSF	Issarbe
HVO	Hawaiian Volcano	UWE	IGM	Isla Guadalupe	IMI	Imperia		IST	Istanbul
HVU	Hansel Valley		IGOD	Go??abunga	IMID	Miomork		IST1	Istanbul
HVZN	Vizzini		IGR	Igron	IMIN	Minoodasht		ITA	Italiaia
HW-	Hawaii Isl. Ar.	HW-IS	IGRA	Granastaoir	IMJ	Imajo		ITB	Itaipu
HWA	Hwalien		IGRF	Grimsfjall	IMK	Imi Mikki		ITB1	Itaipu 1
HWAP	Hualien Port		IGRI	Grimsey	IMKO	Mokollar		ITB7	Itaipu 7
HWD	Hollywood		IGRS	Grimsstaoir	IMM	Islas Marias		ITBT	Itumba
HWF	Haulerwijk		IGRV	Grindav??k	IMO	Isla Mona		ITBZ	Tabriz
HW-IS	Hawaii Isl. Ar.		IGT	Igoumenitsa	IMOB	Isla Mona		ITD	Itadori
HWK	Hiawatha		IGUA	Igualata	IMOG	Moghan		ITEG	Iteg
HWKN	Hawk's Nest		IGY	Gyjarholskot	IMON	Mook		ITEV	Isla Los Testigos
HWQ	Hawqa		IGZV	Gazvin	IMOV	Isla Los Monjes		ITG	Itzapa
HWSI	Howe Scarp		IHA	Instituto	IMP	Imphal		ITGE	Itoigawa
HWSM	Haiwee Spring South		IHAU	Hydrografico de la Armada	IMR	Isla Mona		ITH	Ithaca
HWUT	Hardware Ranch		IHC	Haukadalar	IMRD	Marand		ITHO	Ithomi
HWV	Hinton		IHD	Heoinshofoi	IMS	Imsbach		ITKT	Itaka
HWYS	Al Hawiyah		IHEI	Heioarbar	IMT	Isola di Marettimo		ITM	Ithomi
HWZ	Hwange		IHLA	Hella	IMU	Iron Mountain		ITO	Ito
HXI	Guiyang	GYA	IHLN	Indian Hill Lake	IMW	Indian Meadow		ITR	Itaparica
HY-	Hysham	HY-MA	IHOS	Hoseineyeh	IMYA	Miamay		ITU	Istanbul
HYA	Hoyanger		IHR	Ishihara	IN1	Indiana Array		ITZ	Itezhi-Tezhi
HYB	Hyderabad		IHRN	Hraun	IN2	Indiana Array		IUNC	Unciti
HYC	Haney		IHRS	Heris	IN3	Indiana Array		IUSE	Utseti
HYD	Hyderabad		IHSB	Hasanabad	IN4	Indiana Array		IVA	Berane
HYF	Humblyngny		IHSJ	Hashtroud	INA	Iinan		IVAG	Clark Hill Reservoir
HY-MA	Hysham		IHVA	Hvannstoosfjoll	INB	Inubo		IVAT	Vatnsfell
HYS	Haystack Butte		IHVE	Hveravellir	INC	Inchon		IVCR	Vulcano Cr IE
HYT	Haines Junction		IHVO	Lagu-Hvolar	INCN	Inchon		IVE	Iliamna Volcano East
HYX	Hoyt Mine		IIA	Altzomoni	IND	Independence		IVES	Vestmannaeyjar
HZA	Huzimizaka		IIB	San Bernardino	INDC	Indio Hills		IVF	Ivanof Bay
I02A	Mapleton		IIC	Rita Coyotepec	INDN	Indianola		IVI	Ivigtut
I03A	Eugene		IID	Iida	INE	Iliamna NE		IVIS	Veys
I04A	Tendick Farm, Oakridge		IIDJ	Iida	INF	Infanta		IVIV	IVIC
I05A	Bend		IIGN	Ignalina	ING	Ingram Ranch		IVKQ	Ivujuvik
I06A	Prineville		III	Iguala	INGI	Ingas		IVLT	Vulcano Lentia IE
			IIJ	Jocotitlan	INH	Isangel		IVN	Inverlochy
			IIM	Instituto de Ingenieria, UNAM	INK	Inuvik		IVOG	Vogar
			IIO	Organos	INMG	Meteorologia, Lisbon			

Code	Station Name	Other	JERN	Jeri Cho Mine, NWT	JNB	Noboribetsu	JUD	California, Santa Cruz
IVOS	Vogsosar		JET	Tanbara	JNBK	Urakawa-nobuka	JUD2	Juan Diaz
IVRN	Varamin		JEW	Eniwo	JNE	Jan Mayen East	JUE	Juan Diaz 2
IVS	Iliamna South		JFA	Akaikie	JNG	Nsakai	JUG	Julich
IVSH	V-Sauoahnukur		JFI	Itaya	JNH	Juniper Hills	JUG	Jugenheim
IVSM	Inverness		JFK	Kawauchi	JNI	Jehonathan	JUI3	Juive 3
IVT	Ira		JFM	Mihama	JN-IS	Johnston Island	JUI6	Juive
IVUG	Vulcano Grillo IE		JFO	Juiz de Fora	JNJ	Junjel	JUIV	Juive
IVY	Inveralochy		JFR	Furan	JNK	Nakash	JUJ	Jujuj
IWJ	Iwai-Kita		JFS	Joseph F. Staten	JNL	Jenolan Caves	JULC	Julian
IWK	Iwaki		JFT	Otama	JNM	Ikuma	JUM	Jug
IWN	Iwanai		JFU	Fukue jima 2	JNN	Nakanoshima	JUMM	Mount Umunhum
IWO	Iwaosan		JFWS	Jewell Farm	JNS	Sasagawa	JUND	Junggingen
IWT	Iwatsuki		JFY	Yanaizu	JNT	Takato	JUQB	Juquia
IXC	Ixtacomitan		JGF	Kuroka	JNU	Nakatsue	JUR	Ureshino
IXG	Ixpaco		JGI	Juniper Gulch	JNW	Jan Mayen West	JUS	Usuki
IXT	Ixtapalapa		JGK	Kuni	JNY	Yasuok	JU-TX	Juno
IZAR	Zarasai		JGM	Miyama	JO-	Jordan	JVI	Jordan Valley
IZEF	Zefreh		JGN	Niukaw	JOAQ	Joaquin Lookout	JVM	Valle D.L. Mare
IZI	Iznik		JGT	Gotsu	JOB	Onbets	JVW	Jocassee View
IZK	Izuka		JHA	Jbel Lahdid	JOD	Odawara	JWA	Jwalamukhi
IZM	Izmir		JHC	Johnson Canyon	JOD2	Odawara 2	JWK	Wakkake-Misaki
IZMH	Izume		JHD	Hondo	JOE	Joensuu	JWK2	Keihoku
IZN	Iznik		JHE	Heguri	JOF	Joensuu	JWL	Jwalamukhi
IZT	Izumi		JHG	Hegura jima	JOG	Oga	JWM	Minabe
IZU	Izuhara		JHHJ	Haha-jima-NKT	JOG2	Oga 2	JWSM	Woodside
IZU2	Izuhara 2		JHI	Jorhat	JOGS	Gusukube	JWT	Wacht
IZUJ	Izuhara		JHIK	Hikimi	JOH	Johannesburg	JWY	Kouya
IZUN	Zunzarren		JHJ	Hachijo jima 2	JOHN	Johnston Island	JWZ	Kozaga
J02A	Umpqua		JHJ2	Mitsune	JOK	Jbel Ouklim	JYA	Atsumi
J03A	Ideyld Park		JHK	Hiroka	JOL	Jolon Road	JYG	Yagishiri
J04A	Umpqua National Forest, Toketee		JHLM	Holstrom Ranch	JOM	Ohasama	JYJ	Yonaguni jima 2
J05A	Fort Rock		JHLN	Al Jahlan	JO-MN	Jordan	JYK	Kaneyama
J06A	Christmas Valley		JHM	Kurahashi	JON	Johnnie	JYM	Yakumo
J07A	Hines		JHMK	Hamakita	JOPP	Joppolo	JYM2	Yakumo 2
J08A	Circle Bar Ranch, Crane		JHN	Johnson	JOR	Okushj	JYN	Shimob
J09A	Fry Pan Ranch, Harper		JHNI	Jhansi	JOR1	San Jorge 1	JYO	Yokosk
J10A	Berg Farm, Melba		JHO	Hitachi	JORD		JYP	Jyotipuram
J12A	Stokes Ranch, Hill City		JHP	Judd Hill Plantation	JORG	San Jorge	JYS	Shirataka
J13A	Cove Ranch, Picabo		JHPM	Huddart Park	JORV	Jorden Valley SMO	JYSA	
J14A	Carey		JHR	Hokuryu	JOS	Josvato	JYT	Yasato
J15A	Blackfoot		JHS	Saijyo	JOSI	Joshimath	JYW	Yuwa
J16A	Bone		JHT	Toyohira	JOSM	Okushiri--Matsue	JYZW	Yoshizawa
J17A	Brown Place, Jackson		JHU	Hanno	JOSN	Second Sedna	JZK	Kikaishima
J18A	Kendall Valley, Cora		JHY	Hiyama		Site, Hudson Bay	JZO	Okuchi
JA-	Jasper	JA-MN	JIE	Ise	JOT	Ohata	K01	Nishinai
JAA	Atsumi		JIG	Jinotega	JOU	Okura	K01A	Sixes
JAB	Ashibetsu		JIH	Iheya	JOW	Kunigami	K02	Yamasaki
JAC	Jacksonville		JII	Iki	JOZ	Jozini	K02A	Glendale
JACH	Jahuel		JIJ	Ishigaki jima 2	JP-	Jasper	K03	Shimotochinai
JACV	Jacura		JIL	Jilotepec	JP-AT	Jasper	K04	Kokoji
JAD	Aida		JIM	O shima 2	JPK	Jack Peak	K04A	Chilquin
JAG	Ashikaga		JIM2	Oshima 3	JPLM	Pleasant Valley	K05	Ishipane
JAGN	Aguni-jima		JIN	Jindabyne	JPPM	Portola Park	K05A	Summer Lake
JAH	Hinai		JIND	Jindrichovice	JPRM	Presidio of San Francisco	K06	Arakawa
JAI	Aioi		JIO	Ouri	JPSM		K06A	Valley Falls
JAJ	Awaji shima		JIRN	Jiri	JQE	Queens East	K07	Kotohata
JAJ2	Tsuna		JIS	Juneau Island	JOX	Jiupilpan	K07A	Rock Creek Ranch, Frenchglen
JAK	Akkeshi		JIU	Izumi	JR-	Jerome	K08	Monomi-yama
JALM	Almaden	AMC	JIU2	Izumi 2	JRA	Rausu	K08A	Mann Creek Ranch, Princeton
JAM	Amami Oshima		JIW	Iwasaki	JR-AZ	Jerome		
JAMA	Jama		JIZ	Nakaizu	JRBB	Jordan River	K09	Ooide
JA-MN	Jasper		JIZN	Jizan	JRBJ	Darawesh	K09A	Rome
JAN	Janina		JJZ	Izushimoda	JRG	Rokugo	K10	Oonodaira
JANG	Nango		JJZZ	Izumozaki	JRGM	Rodeo Gulch Road	K10A	MacKenzie Ranch, Jordan Valley
JAQ	La Grande 3		JJG	Jouge	JRR	Rishiri	K11	Fujikirizawa
JAR	Ashorobuto		JJH	Hakui	JRRM	Redwood Retreat	K11A	Parker Ranch, Bruneau
JARJ	Jarash		JJK	Kushima	JRS	Jersey	K12	Koide
JAS	Jamestown		JJN	Nakama	JRSC	Jasper Ridge	K12A	Draper Farm, Castleford
JAS1	Jamestown		JJO	Oda	JRSJ	J Risha	K13A	Stover Farm, Hazelton
JASL	Jaisalmer		JJRM	Joaquin Road	JRTX	Jordan Ranch	K14A	Jones Ranch, Declo
JAT	Jato		JJS	Sakaide	JRW	Joshua Ridge West	K15A	Arbon
JATB	Jatai		JJT	Tamagu	JRY	Ryogami san	K16A	Soda Springs
JAU	Jaout		JJT2	Tamagusuku 2	JS-	Jackson	K17A	Gardner Place, Afton
JAUJ	Jausiers		JKB	Kayabe	JSA	Saint Aubin	K18A	Toltan Ranch, Big Piney
JAVC	Velka Javorina		JKC	Kuchinoerabu	JSAM	San Andreas	K19A	Absolon Red Butte, Lander
JAVS	Javornik		JKD	Kudamatsu	JSB	Shiboa	K20A	Yellowstone Ranch, Lander
JAW	Awa shima		JKE	Kume jima 2	JSBM	San Bruno Mountain		
JAWL	J.Aulia		JKG	Kaga	JSC	Jenkinsville		
JAY	Jayapura		JKI	Kunimi	JSCM	Stevens Creek		
JAZS	Jizan		JKIT	Kitakata	JSD	Sado	KA	Karratha
JBB	Jbel Babet		JKJ	Kiyo	JSE	Soyaes	KA	Kabul (SRO)
JBCM	Bear Creek Road	LT15	JKK	Kamikawa	JJSM	Stanford	KA	Kauri Point
JBGM	Bear Gulch	BGH	JKK2	Kamakawa 2	JJSG	Sagara	KA	Kabansk
JBLM	Camp Ben Lomond		JKKG	Kakegawa	JJSM		KA	Katmai Barrier Ridge
JBMM	Black Mountain		JKM	Jackman	JSH	Shimam	KAD	Karad
JBO	Jordan Butte		JKN	Kiinagashima	JSI	Shiura	KADD	Katsuyama
JBP	Jabalpur		JKN2	Miekihoku	JSI2	Shiura 2	KAE	Kaena
JBQ	La Grande 3		JKO	Kozu shima	JSJ	Shimokoshiki	KAF	Kangashnemi
JBRM	Jenolan Black		JKR	Kurayoshi	JSJM	St Joseph	KAG	Kagoshima
JBT	Biratori		JKRS	Kuro-shima	JSK	Shakotan	KAGJ	Kagoshima 2
JBT2	Biratori 2		JKS	Kasai	JSLM	San Andreas Lake	KAH	Kaushut
JBZM	Buzzard Lagoon Road		JKSM	Kasumi	JSM	Jim Sage Mountain	KAHC	Katmai Hardscrabble Creek
JCBM	Chesbro Res.	CBO	JKT	Katashina	JSMJ	Sawmill Road	KAHG	Katmai Hook Glacier
JCC	Jacoby Creek		JKU	Kubokawa	JSSM	Soda Springs	KAHT	Ahir Dag
JCE1	John's Creek		JKY	Yasaka	JJST	Santa Teresa Hills	KAHZ	Kahuranaki
JCH	Churui		JKZ	Kuzumaki	JSTN	Jackson	KAI	Kaimata
JCHM	Cahill Ridge		JLDW	Jackson Lake Dam	JSU	Suzuyama	KAIC	Katmai Ikagluik Creek
JCJI	Jatiwangi		JLK	June Lake	JSZ	Suzu	KAIM	Kayak Island
JCK	Jackerath		JLP	Les Platons	JTA	Tamana	KAJ	Kashiwara
JCM	Jocotitlan		JLPM	Loma Prieta	JTB	Tobi-shima	KAJD	Katsuyama
JCMO	Jefferson College		JLTM	Los Trancos	JTG	Taga	KAK	Kakioka
JCN	Nagara		JLU	Jordanelle	JTGM	Trout Gulch Road	KAKA	Kakadu
JCNB	Joaquin Canyon North		JLXM	Lexington Res.	JTH	Tanohata	KAKJ	Kakioka Outpost
JCPM	Coyote Point		JMAG	Jamag	JTI	Tarama	KAL	Kalocsa
JCQ	La Grande 3		JMB	Yambol	JTK	Tokunoshima	KALE	Kalithe
JCR	Jicaral		JMBI	JAMBI	JTKR	Abashiri--Tokoro	KALG	Kalgarh
JCSB	Joaquin Canyon South		JMD	Masuda	JTM	Tenmabayashi	KALI	Kaliastana
JCT	Junction City		JMDO	Jabal Madar	JTMT	Jette	KALP	Kalibo
JCW	Jim Creek		JMG	Jumaytepeque	JTN	Tanegashima 3	KALU	Kalix
JCZ	Jackson Bay		JMGM	Milagra Rfdge	JTO	Tosashimizu	KAM	Kameyama
JDC	Jersey Dam (Crest)		JMH	Hososhima	JTR	Joshua Tree Park	KAMOR	Kamor
JDG	Jersey Dam (Gallery)		JMI	Jan Mayen	JTRM	Los Trancos Road	KAMR	Kamarskoye
JDN	Jardin		JMIC	Jan Mayen	JTS	JuntasAbangares	KAMRY	Kamaran Island
JDRJ	Darawesh	JRDJ	JMIK	Miki	JTSN	Tsuno	KAMS	Al Khamasin
JE-	Jena (USA)	JE-LA	JMJ	Miyako jima 2	JTSR	Tashiro 2	KAMT	Kaman
JECI	Jenson Cabin		JMK	Ichinoseki	JTT	Ttatey	KAMZ	Kamo
JECM	Eureka Canyon	EUC	JMN	Monobe	JTU	Tsushima	KAN	Kanazawa
JEF	Cerro Jefe		JMOS	Jabal al Moallq	JTY	Toyota	KAN2	Kanazawa 2
JEG	Eigenji		JMP	Maruseppu	JTZ	Takazaki	KANH	Kanahau
JEGM	El Granada		JMQS	Jabal Moqyreh	JU-	Junjo	KANJ	Kanazawa
JEHI	Jehsanih		JMT	Mikata	JUA2	San Juan 2	KANM	Kanangra Walls
JE-LA	Jena		JMU	Jammu	JUBA	Jubany	KANO	Kano Inlet
JELM	Ellicott		JMY	Miyakejima3	JUCM	University of	KANT	Kantara
JEM	Erimo		JMZ	Minamidaito 2			KAO	Kapusasing
JEN	Jena		JN-	Johnston I.			KAP	Karpathos
JENM	Jeeralang Junction		JNA	Nagahama			KAPH	Katmai Pasha
JER	Jerusalem		JNAM	New Almaden Mine			KAPI	Kappang
			JNAR	Kushima--Naru				

Code	Station Name	Other	KERI	Keren	KJA	Kiajanaja	KNJ	Koyna Nagar
KAPO	Kapuskasung		KERU	Kerch	KJAB	KAMANJAB	KNIM	Knight Island
KAPZ	Kaputan		KES	Ksar Es Souk	KJF	Kajaani	KNJ	Kinomoto
KAQ	La Grande 4		KEST	Kesra	KJUM	Johnny Jack Ridge	KNJD	Kansaihara
KAR	Karachi		KET	Keravat	KJL	Kejulik	KNK	Knik Glacier
KAR1	Arisaig		KETZ	Ketetahi	KJN	Kajaani	KNM	Kinmer
KARA	Karaisali		KEV	Kevo	KK01	Karatay Array site	KNMB	Chin-men Tao
KARD	Karad		KEV1	Kevo	KK02	Karatay Array site	KNN	Kunene
KARJ			KEW	Kew	KK03	Karatay Array site	KNO	Knox Franch
KARN	Karanos		KE-WA	Kennewick	KK04	Karatay Array site	KNP	Kunneppu
KARP	Karpathos		KEWM	Kewanee	KK05	Karatay Array site	KNR	Kangurit
KARR	Katmai Rainbow River		KEY	Kluane	KK06	Karatay Array site	KNR1	Nevis Range
KARS	Kars		KEY1	Keyworth	KK07	Karatay Array site	KNS	Konitsa
KART	Kargi		KEY2	Keyworth	KK08	Karatay Array site	KNT	Kendrikon
KARZ	Kaharoa		KFA	Klagenfurt	KK09	Karatay Array site	KNTN	Kanton
KAS	Kastamonu		KFAL	Klamath Falls	KK31	Karatay Array site	KN-UT	Kanab
KASI	Kota Agung		KFC	Kentfield	KKAR	Karatay Array	KNW	Konawaena
KASO	Kasabonika Lake, First Nations Ontario		KFH	Kaoiki Faults	KKB	Krupnik	KNY	Kanayama
			KFL	Anninata	KKD	Korintji-Dempo	KNZ	Kokohu
			KFNJ	Kafrein	KKG	Kukul	KOA	Kobuan
KAT	Kizyl-Arvat		KFO	Klamath Falls	KKGU	Kamikuga	KOB	Kobe
KATZ	Kakaramea		KFPM	Farley Peak	KKH	Kailua Kona	KOC	Kochi
KAU	Kaohsiung		KFRA	Kufra	KKI	Karkar Island	KOD	Kodaikanal
KAUP	Kaohsiung Port		KFTR	Kaftarguzar	KKJ	Kaminokuni	KOE	Koeppe
KAV	Kavieng		KFU	Kofu	KKL	Karkaralinsk	KOF	Kofu
KAVA	Kavala		KG-	Kingman	KKM	Kota Kinabalu	KOG	Kourou
KAVZ	Karewarewa		KG-AS	Kingman	KKN	Kakani	KOGH	Koforidua
KAWH	Katmai		KG-AZ	Kingman	KKPM	Kettenpom Peak	KOGS	Kog
KAY	Katlanovo		KGD	Kothagudem	KKR	Kurukshetra	KOH	Kohala
KAZ	Karuizawa		KGI	Kellogg	KKS	Kukesi	KOI	Khonsa
KBA	Koelnbreinsperre		KGJ	Kitakami	KKT	Kermit	KOID	Koike
KBB	Kelsey Bay		KGL	Cahul	KKTK	Khon Kaen	KOK	Koryaka
KBBA	Kibumba		KGM	Kluang	KKU	Keanakolu	KOL	Kolay
KBBM	Bear Butte		KGMK	Kamigamo	KKW	Kaikokawa	KOLL	Kolaco
KBC	Kumba		KGMM	Grouse Mountain	KKY	Kaikoura West	KOLN	Koldanda
KBD	Kabd		KGN	Komagane	KKZ	Kaikoura	KOLS	Kolonick sedlo
KBDG	Kleinbodungen		KGNI	Kongan	KL	Kellerberrin	KOM	Komaba
KBE	Kobe		KGNO	Kingston	KLBO	Killbear Provincial Park	KOMA	Komarou
KBF	Kyburz Flat		KGR	Kogok River	KLBR	Kellerberrin	KOMG	Komaggas
KBG	Krutoberegovo		KGT	Karabiga	KLC	Kirkland Lake	KOMM	Orleans Mountain
KBH	Kobugahara		KGUR	Krasnodar	KLCH	Kalalua Cone	KOMS	Komsomolabad
KBI	Kettle Butte		KGW	Kakegawa	KLD	Kalaidash	KOMT	Akitakoma
KB11	Birley Grange		KH-	Kohls Ranch	KLDN	Kaloudiana Chania	KON	Kongsberg
KBJ	Kelbejer		KHA	Khancoban	KLG	Kalgoorlie	KONH	Konpirayama
KBK	Karagaybulak		KHAL	Karahalli	KLGA	Kalgoorlie	KONO	Kongsberg
KBKI	Kotabaru		KHAT	Khait	KLH	Kapapala Ranch	KONS	Konsvik
KBL	Kabul		KH-AZ	Kohls Ranch	KLI	Kotabumi	KONT	Konya--Tatoy
KBN	Korca		KHB	Jabal al Khashab	KLJ	Keetly	KOOC	Abou Kooc
KBNM	Bluenose Ridge		KHBM	Hayfork Bally	KLK	Kealakekua	KOPT	Kop Dagi
KBO	Bosley Butte		KHC	Kasperske Hory	KLKU	Kulkuduk	KOR	Koror
KBQ	La Grande 4		KHE	Kheis	KLL	Kalltalsperre	KORK	Korkuteli
KBR	Kanchanaburi		KHEL	Khelvachauri	KLM	Kuala Lumpur	KORR	Kora
KBRM	Barry Ridge		KHET	Khetri	KLMR	Klimovskoe	KORT	Korkueli
KBR5	Khaybar		KHF	Khenifra	KLN	McKendrick Lake	KOS	Kosmodemyansk
KBS	Kingsbay		KHG	Khandyga	KLNB	Kelsey New	KOSI	Kohlern
KBSD	Kabsdagh		KHI	Kakhk	KLO	Kirkland Lake	KOSW	Kosmos
KBSM	Bell Springs		KHJ	Kushihara	KLOF	Kloof	KOT	Kottamia
KBT	Komakuk Beach		KHK	Keihoku	KLP	Kalpa	KOTI	Kothi
KBTI	Kibati		KHKI	Kahang-Kahang	KLR	Kul'dur	KOU	Koumac
KBTR	Krutoberegovo 1		KHL	Karahalli	KLS	Karlskrona	KOUM	Koumaradei
KBY	Kobayashi Ranch		KHM	Kohima	KL5I		KOW	Kowen Forest
KBZ	Khabaz		KHMM	Horse Mountain	KLT	Keltepe	KOWA	Kowa
KBZS	Brezje pri Sen		KHNR	Khani	KLU	Klutina	KOWM	Kowarra
KC-	Kansas City	KC-MO	KHO	Khorog	KLUP	Keelung Port	KOY	Koyama
KCA	Cave		KHR	Khorongon	KLY	Klyuchi	KOZ	Kozyrevsk
KCC	Kaiser Creek		KHS	Khaishi	KLTY	Kilyos	KOZ+	Kozyr
KCH	Monts Chateau		KHT	Khao Laem Dam	KM-	Kramer	KOZJ	Kozjak Brana
KCHT	Kechabta		KHU	Kahuku	KM2	Kermit	KOZR	Kozyr
KCI	Kelly Canyon		KHUM	Khumson	KM3	Kermit	KOZT	Kozan
KCM	Kilenge		KHVB	Wang Home	KM5	Kermit	KOZTB	Kozan
KC-MO	Kansas City		KHZ	Kahutara	KM6	Kermit	KPA	Kalaupapa
KCN	Ketchikan		KIA	Kiara Terrace	KM9	Kermit	KPAM	Keepit Dam
KCP	Kidapawan		KIAM	Kaiam	KMA	Kami	KPB	Port Bizet
KCPM	Cahto Peak		KIB	El Ksiba	KMB	Kimbe	KPC	Khaphcheranga
KCQ	La Grande 4		KIBK	Kibwezi	KMBE	Kimbe	KPD	Port Douzieme
KCRM	Chalk Rock		KIC	Kosan Boka	KMBL	Kambalda	KPE	Price
KCSM	Cold Springs		KICM	Kanaga Island Cape Miga	KMBO	Kilima Mbogo	KPH	Keena Point
KCT	Karacabey		KIE	Kermit	KMC	Kompina	KPJ	Monastery St. Joachim
KCTM	Capetown		KIEV	Kiev	KM-CL	Kramer		Osogovski
KCY	Kuchiyama		KIF	Kilpisjarvi	KMD	Komatsu	KPJI	Karang Pucung
KD1	Kodiak		KIH	Kanekii	KME	Kermit	KPK	Kanaka Peak
KD2	Kodiak		KIJ	Karymskiy	KMF	Kamafusa	KPL	Plockton
KD3	Kodiak		KIJ	Kawah Idjen	KMG	Kumagaya	KPN	Kupiano
KDA	Kuranda		KIJV	Kijivo	KMGE	Kuromamegawa	KPNG	Kappang
KDAG	Bornova		KIK	Kika Raxquin	KMH	Puu Kamoamo	KP-NV	Kawich Peak
KDAK	Kodiak Island		KIKV	Kanaga Island Kanaga	KMI	Kunming	KPO	Kapoho
KDB	Konedobu			Volcano	KMJ	Kume jima	KPPM	Pickett Peak
KDC	Kodiak Island		KIL	Kilembe	KMJD	Komatsu	KPR	KrasnayaPolyana
KDE	Karadeniz		KILO	Kirkland Lake	KMK	Kamakura	KPT	Kopyto
KDG	Kedougou		KIM	Kimberley	KMKR	Kumukh	KPTM	Keepit Bedrock
KDHN	Kadinhani	KED	KIMB	Kimball Elementary School	KML	Kamuela	KR-	Crane
KDI	Kendari		KIMM	Kamigamo	KMM	Kamigamo	KRA	Krakow
KDK	KhodzhiKent		KIMD	Kanaga Island MID	KMMI	Kalianget	KRAM	Krabesse
KDM	Kudat			Benchmark	KMN	Kumano	KRAR	Krasnoyarsk
KDR	Kadzharan		KIMR	Kitsap County	KMNK	Kaminaka	KRB	Kariba Dam
KDS	Kedougou			Moderate Risk Waste Facility	KMNR	Kamenistaya	KRBA	Kerman
KDT	Kodera				KMO	Kumora	KRBG	Karabiga-Canakkale
KDUT	Kidman Hollow		KIN	Kingston	KMOR	Kings Mountain	KRBR	Kerman
KDV	Kandavu Island		KINC	Kanaga Island North	KMP	Kimball Pass	KRC	King Ranch
KDZ	Kurdzhali			Cape	KMPD	K-Podolskiy	KRCT	Kiractepe
KDZE	Karadeniz Ereoli		KING	Kindia	KMPM	Mount Pierce	KRD	Kurday
KE-	Kennewick		KINR	Kitsap County North	KMR	Kremsmunster	KRDT	Erzincan
KEA	Kealakomo	KE-WA		Road Shed	KMRS	Kahramanaras	KRE	Kure
KEB	Keban		KIP	Kipapa	KMS	Karamursel	KRF	Krasnovodsk
KEBM	Edson Butte		KIPH	Kalayaan	KMSA	Khamasin	KRG	Kerema
KEC	Kecskemet		KIPM	Iron Peak	KMSG	Kumisi	KRH	Kirikhan
KECS	Kecovo		KIR	Kiruna	KMSI	Cibinong	KRHZ	Kereru
KED	Kedougou		KIRH	Kanaga Island Round	KMSR	Komsomolskaya	KRI	Karoi
KED*	Kedougou	KDS		Head	KMST		KRIS	Kristallenia
KEDI	Kedomdong		KIRV	Kirov	KMT	Kinomoto	KRIT	Krib
KEE	Keen Camp Maintenance Station		KIS	Kishinev	KMTA	Khamis Mushayt	KRJ	Kamimuroga
			KISE	Kishinomiya	KMTI	Karmit	KRJI	Kerinci
KEEL	Keeler		KISK	Kishima-dake	KMTU	Khamis Mushayt	KRK	Kirkenes
KEF	Keuruu		KIT	Kermit	KMU	Kamikineus	KRKI	Karangkates
KEG	Kottamaia		KIT*	Kaitaia	KMV	Keen Mountain	KRKL	Karalkal
KEH	Kehvi		KITD	Kitadake	KMY	Karmoy	KRKM	Rackout Springs
KEK	Kerkira		KITH	Kitausu	KMYN	Kameyama	KRL	Karlsruhe
KEKH	Kekaha, Kauai, Hawaii		KITP	Kitsap County	KMZ	Kasempa	KRLC	Kraliky
KEKT	Keliktepe			Wastewater Treatment Plant	KN-	Kanab	KRM	Kurmenty
KEL	Kelud				KNA	Kununurra	KRMB	Red Mountain
KELB	Kelsey		KIV	Kislovodsk	KNB	Kanab	KRMI	Paran Flat
KELC	Kelly Hill Caves		KIVO	Kislovodsk Array Site 0	KND	Kandira	KRMM	Red Mountain
KELI	Kelakatan		KIV1	Kislovodsk Array Site 1	KNDK	Almaty	KRMR	Karymshinskiy
KELR	Kotokel		KIV2	Kislovodsk Array Site 2	KNDN	Kennady Lake	KRMZ	Karmrakar
KELT	Kelkit		KIV3	Kislovodsk Array Site 3	KNDR	Palaiochora Chania	KRN	Kronoki
KEMA	Kemaliye		KIW	Kapiti Island	KNDS	Knez 21ji Dol	KRNA	Kawich Range
KEN	Kenai		KIWB	Kanaga Island Westway	KNEL	Kent Elementary	KRNR	Karanay
KENC	Cerro Kenedy			Bight		ANSS-SMO	KRO	Koro
KEP	King Edward Point		KIY	Kiyosumi	KNG	Konigsberg	KR-OR	Crane
KER	Kermanshah		KIZ	Kirchzarten	KNH	Kipuka Nene	KROS	Kirovskiy
KERA	Keramoti		KIZT	Kizilcal	KNHH	Kane Nui o Hamo	KRP	Karapiro

Code	Station Name	Other	KSSKC	Sokcho	KUSJ	Kushiro	LARF	Larrau
KRPM	Rodgers		KSSOC	Sokcho	KUT	Kutsugahara	LARI	Lau Rambong
KRPT	Karpathos		KSSSF	Seongsanpo	KUTA	Kuta	LARO	La Roca
KRR	Karoi		KSSWO	Suwon	KUU	Kurfy	LAS	Mount Lassen
KRS	Krasnogorka		KST	Kastek	KUZ	Kuaotunu	LASA	Lasa Array
KRSR	Krestovskiy		KSTBA	Taebaek	KUZU	Kuzuini	LASF	Ste Croix
KRT	Keravat		KSTEJ	Daejeon	KV-	Keg River	LASL	Noumea
KRTS	Karatas		KSTL	Kastelli Heraklio	KV01	Kirishima Volcano	LASM	Arnica Sink
KRTT	Kurtkulagi		KSTOH	DONGHAE	KV02	Kamimnzen	LAST	Lasithi
KRU	Karasu		KSTOY	TONGYEONG	KV03	Oonami West	LAT	Lae
KRUC	Moravsky		KSU	Koussour	KV04	Kurino-dake	LATE	Laterza
KRUS	Krusevo		KSU1	Kansas State	KV05	Oonami East	LATQ	La Tuque
KRV	Ganja			University--Konza Prairie	KV06	Karakunidake	LATR	Latur
KRVZ	Karewarewa		KSUJ	Kushiro	KV09	Okamoto-Ura	LAU	La Urbina
KRW	Karlsruhe West		KSULJ	Uijin	KV11	Takachiho West	LAUG	Laupendahl
KRY	Koidern River		KSULL	Ulleungdo	KV12	Sinyu	LAV	Laguna Verde
KRYG	Kurzu		KSULS	Ulsan	KV91	Ura	LAV2	Lava2-Rey Volc
KRZ	Karuizawa	KAZ	KSUO	Kent State University	KVAR	Kislovodsk Array Beam	LAV3	Lava3-Reventador
KS01	Wonju Array Site 1		KSV	Kosov		Reference Point	LAV9	Lanuivio
KS02	Wonju Array Site 2		KSVV	Ky Son	KV-AT	Keg River	LAVA	Lava Cap Winery, Placerville
KS03	Wonju Array Site 3		KSWAN	Wando	KVC	Kvetna	LAVC	Lavic
KS04	Wonju Array Site 4		KSWJU	Wonju	KVG	Kavieng	LAVN	Lang Chanh
KS05	Wonju Array Site 5		KSWON	Wonju	KVN	Kaiserville	LAVR	Lavrentia
KS06	Wonju Array Site 6		KSWY	Kelly School	KVO	Kovokta	LAW	Lawrence
KS07	Wonju Array Site 7		KSX	Camp Six Broadband	KVR	Kavouri	LAWT	Lawton Elementary School
KS08	Wonju Array Site 8		KXSM	Camp Six	KVT	Kavak	LAX	Bahia de Los Angeles
KS09	Wonju Array Site 9		KSY	Syston	KVTX	Kingsville	LAY	Lan-yu
KS10	Wonju Array Site 10		KSYAP	YANGPYEONG	KWA	Guiyang	LAZ	Ladron
KS11	Wonju Array Site 11		KSYOD	YEONGCHEON	KWAJ	Kwajalein Atoll	LAZM	Lazaro Cardenas
KS12	Wonju Array Site 12		KSYOJ	YEONGJU	KWE	Weaver Farm	LB	Lebanon
KS13	Wonju Array Site 13		KSYOS	Yeosu	KWJ	Kawai	LB1	Lebanon
KS14	Wonju Array Site 14		KSYOW	Yeongwol	KWNG	Kwanting	LB2	LASA B Ring
KS15	Wonju Array Sites 15 and 31		KSYSU	YEOSU	KWP	Kalwaria	LB3	LASA B Ring
KS16	Wonju Array Site 16		KT1	Kermi	KWT	Kawatabi	LB4	LASA B Ring
KS17	Wonju Array Site 17		KT2	Kermi	KWZ	Kawazu	LBC	Lubudi
KS18	Wonju Array Site 18		KT3	Kermi	KYA	Kyakhta	LBCM	Butte Creek Rim
KS19	Wonju Array Site 19		KT4	Kermi	KYJ	Kyuroyon	LBF	Les Buteaux
KS22	Wonju Array Site 22		KT5	Kermi	KYK	Kayak Island	LBFM	Black Fox Mountain
KS23	Wonju Array Site 32		KT7	Kermi	KYL	Kyle	LBG	Lerchenberg
KS24	Wonju Array Site 34		KT8	Kermi	KYM	Kumisi	LBGA	Luboga
KS25	Wonju Array Site 35		KT9	Kermi	KYO	Kyoto	LBGM	Big Gulch
KS26	Wonju Array Site 36		KTA	Kotzebue	KYP	Key Point	LBH	Morecambe B102
KS27	Wonju Array Site 37		KTD	Kalmit	KYR	Kayrak	LBKM	Bonanza King
KSAND	Andong		KTE	Kermi	KYS	Kiyosumi	LBL	Lubihac
KSANM	Anmyeondo		KTG	Kap Tobin	KYTD	Kurayoshi	LBM	Little Butte
KSAR	Wonju Array Beam Reference Point		KTGM	Tilbrook Grange	KZ	Kyzart	LBMI	Labuha
KSAR	Sheil Bridge		KTH	Kual Trengganu	KZAD	Kyzyl-Adyr	LBMM	Bass Mountain
KSAR	Boeun		KTHR	Kantishna Hills	KZAG	Qyzylgash	LBNH	Lisbon
KSAR	Baengnyeongdo		KTI	Kastanea	KZI	Kaziranga	LB-NH	Lebanon
KSAR	Busan		KTJ	Kamata	KZJ	Kziot	LBNS	Jabal Laban
KSAR	BUYEO		KTJD	Kamitakara	KZK	Kashiwa-zaki	LBO	Bowland
KSAR	Cheonan		KTJJ	Kamata 2	KZL	Kozel'skiy	LBOS	
KSAR	CHEONGJU		KTJK	Kautokeino	KZLR	Kyzyl	LBP	Lucky Boy Pass
KSAR	Chuncheon		KTK2	Kautokeino	KZM	Kalamazoo	LBPH	Los Banos
KSAR	Chuncheon		KTK3	Kautokeino	KZN	Kozani	LBPM	Beegum Peak
KSAR	Jinju		KTK4	Kautokeino	KZR	Kazreti	LBQ	La Grande
KSAR	Chungju		KTK5	Kautokeino	KZT	Kanzaki	LBR	Las Brisas
KSAR	Jeonju		KT6	Kautokeino	KZW	Kaizawa	LBSA	Labasa
KSAR	CHANGNYEONG		KT7	Katala	L02A	Cave Junction	LBT	Labete
KSAR	CHEONGSONG		KTLM	Kings Tableland	L04A	Klamath Falls	LBTB	Lobatse
KSAR	Cheorwon		KTM	Katmai	L05A	Lakeview	LBUT	Lower Browns Hole
KSAR	BONGHWA		KTMO	Khatum	L07A	Adell	LBXM	Letterbox
KSAR	Snow Cap Mountain		KTM	Kuala Trengganu	L08A	Fields	LBZ	Lake Benmore
KSAR	Chupungnyeong		KTN	Katrineberg	L09A	Wilkinson Ranch, McDermit	LC-	Las Cruces
KSAR	CHUPUNGNYEONG		KTNR	Kaitanak	L10A	Juniper Basin Ranch, Riddle	LC1	LASA C Ring
KSAR	Cheorwon		KTR	Katsuura	L11A	Cat Creek Ranch, Riddle	LC2	LASA C Ring
KSAR	Kokstad		KTRM	Thompson Ridge	L12A	House Creek Ranch, Rogerson	LC3	LASA C Ring
KSAR	Daegu		KTRR	Kuturchin	L13A	Double Diamond Ranch, Oakley	LC4	LASA C Ring
KSAR	Dongducheon		KTU	Trabzon	L14A	Malta	LCA	Log Cabin
KSAR	Daegwallycong		KTX	Kermi	L15A	Malad City	LCAL	Lambert Chapel
KSAR	Kefar Szold		KTZ	Kutztown	L16A	Fish Haven	LCAM	Castella
KSAR	ULSEONG		KU1	Kurvinen	L17A	Cokeville	LCBS	La Ceiba
KSAR	Gosan		KU2	Taivalkoski	L18A	Fontenelle, Green River	LCC	Lanzhou
KSAR	GUMI		KU3	Posio	L19A	Farson	LCCB	Little Cholame Creek
KSAR	GUNSAN		KU4	Liikasenvaara	L20A	Wamsutter	LCCJ	Las Cruces
KSAR	Kashi		KU5	Karpankyla	L21A	Rawlins	LCCM	Lakeland CC
KSAR	HAPCHEON		KU6	Riekki	L22A	Ellis Ranch, Medicine Bow	LCCN	Lewis and Clark Caverns
KSAR	HADONG		KUB	Kurravaara	L6KY	Lock 6	LCCO	Lakeland CC
KSAR	Haenam		KUBR	Kubataba	LA-	Lafayette	LCCF	Crescent Cliff
KSAR	Kshj		KUC	Kucino	LA0	Lasa Array	LCG	Leon Cerro Gordo
KSAR	Keshet		KUDL	Kundal	LAA	Little America	LCH	Last Change Range
KSAR	Heuksando		KUF	Ufford	LAB	Little Aspen Butte	LCHF	La Chataigneraie
KSAR	Kapahiang		KUG	Kupang	LABF	Labassere	LCL	Lece
KSAR	Icheon		KUGN	Kugaaruk Camp, Nunavut	LAC	Labe	LCK	Crook
KSAR	INJE		KUH	Kaapuna	LACB	Labe	LCL	Rancho Los Cerritos
KSAR	imsil		KUK	Kukurantumi	LACG	Landers	LCM	Los Angeles Museum of Natural History
KSAR	Incheon		KUL	Kulyab	LACH	Colegio Las Americas	LCMM	Colby Mountain
KSAR	Kashima		KULA	Kula-Manisa	LACI	Lac	LCN	Lincoln
KSAR	Jecheon		KULG	Kulusuk, Greenland	LACL	Lacq	LCNA	Lacona
KSAR	JEONGSEON		KULM	Kulim	LACR	Lac	LCNC	Loup City
KSAR	Kasumkent		KUM	Kumamoto	LACU	La Cuchilla	LCNE	Loup City
KSAR	Mungyeong		KUM*	Kumora	LAD	Ladron Mountain	LC-NM	Las Campanas
KSAR	Slide Mountain		KUMJ	Kumamoto 2	LADA	La Danta	LCP	Cassop
KSAR	Mokpo		KUMR	Kumaryk	LADK	Ladik-KONYA	LCQ	La Grande
KSAR	Kasumkent		KUN	Kunming	LADO	San Nicola dell'Alto	LCR	La Lucha
KSAR	Mungyeong		KUP	Kupang	LAE	Lae	LCR2	La Lucha 2
KSAR	Musan		KUPN	Kupiano	LAF	Lafayette	LCSC	College of the Siskiyous
KSAR	Kinkasan		KUPT	Kupang	LAG	Langlia	LCV	La Cueva
KSAR	Namwon		KUJ	Kuujuuuaa	LA-GA	Lafayette	LCVN	Lai Chau
KSAR	Kastoria		KUR	Kuril'sk	LAGM	Oaxaca	LCW	Lucas Creek
KSAR	Ksiaz		KUR01	Kurchatov Array Site 1	LAGU	Laguna	LD-	Lucedale
KSAR	Pohang		KUR02	Kurchatov Array Site 2	LAGV	Lagunillas	LD1	LASA D Ring
KSAR	Sherwood Peak		KUR03	Kurchatov Array Site 3	LAH	Lahore	LD2	LASA D Ring
KSAR	Pohang		KUR04	Kurchatov Array Site 4	LAIN	Lailor River, Nunavut	LD2MS	Lucedale
KSAR	Boryeong		KUR05	Kurchatov Array Site 5	LAL	Lawrence	LD3	LASA D Ring
KSAR	Koster		KUR06	Kurchatov Array Site 6	LALJ	Bijagal	LD3MS	Lucedale
KSAR	Korea Array		KUR07	Kurchatov Array Site 7	LAK	Lak	LD4	LASA D Ring
KSAR	Kasrt alli		KUR08	Kurchatov Array Site 8	LAKA	Lakka	LD4B	Lucq-de-Bearn
KSAR	SANCHEONG		KUR09	Kurchatov Array Site 9	LAL	Leola	LDBM	Digger Butte
KSAR	Sangju		KUR10	Kurchatov Array Site 10	LALZ	Loma Alta	LDF	La Druitere
KSAR	SUNCHEON		KUR11	Kurchatov Array Site 11	LALM	Antelope Mountain	LDFC	Landfair
KSAR	Seoul		KUR12	Kurchatov Array Site 12	LAN	Lanzhou	LDG	Lodge
KSAR	Seosan		KUR13	Kurchatov Array Site 13	LANC	Lancaster	LDGN	Lac de Gras North
KSAR	Seogwipo		KUR14	Kurchatov Array Site 14	LANE	Lane BPA Site-SMO	LDIO	Lac des Isle Mine
KSAR			KUR15	Kurchatov Array Site 15	LANS	Langenberg	LDJ	Lady
KSAR			KUR16	Kurchatov Array Site 16	LANH	Lanion	LDLD	Lac de Lave
KSAR			KUR17	Kurchatov Array Site 17	LANU	Lannavaara	LDM	Libby Dam
KSAR			KUR18	Kurchatov Array Site 18	LAO	LASA Array	LDMO	Linda
KSAR			KUR19	Kurchatov Array Site 19	LAP	La Paz	LD-MS	Lucedale
KSAR			KUR20	Kurchatov Array Site 20	LAPE	La Pedrera	LDN	London (Ont)
KSAR			KUR21	Kurchatov Array Site 21	LAQ	La Grande	LDQ	La Grande
KSAR			KURBB	Kurchatov Array	LAQC	La Quinta	LDR	Lodi Road
KSAR			KURK	Kurchatov	LAR	Laramie	LDS	Leeds
KSAR			KUS	Kushiro	LARD	Lac Aux requins	LDU	Leeds University
							LDV	Leadville
							LDVG	Clark Hill Reservoir
							LE-	Lewisburg
							LE1	LASA E Ring

Code	Station Name	Other	LITR	Litchfield	LOMO	Loma en Medio	LT9	San Andreas Lake
LE2	LASA E Ring		LIV	Leghorn	LOMS	Lomita	LTA	Leoben
LE3	LASA E Ring		LIV	Limay	LON	Longmire	LTB3	Lajitas B3
LE4	LASA E Ring		LJB	Lovejoy Buttes	LO-NV	Lovelock	LTBQ	Tobru
LEA	Lead		LJBD	Adjajaya	LONY	Lake Ozonia	LTC	Little Chuckwalla Mountains
LECO	Lake Erie College		LJC	La Jolla	LOP	Lookout Peak		
LED	Lead Mountain		LJFR	Jufra	LOR	Lormes	LTCM	Tuscan Springs
LEE	Leeds		LJI	Lemhi Junction	LORE	San Lorenzo	LTG	Los Tablones
LEF	Lefka		LJO	Ljotipollur	LORO	Los Rogues	LTH	Lepaterique
LEG	Legaspi		LJS	Tabasco	LORV	San Lorenzo	LTHS	Al Lith
LEGH	Legon		LJU	Ljubljana	LOS	Limnos	LTJ	Latouche
LEGS	Legarje		LJX	Las Lajas	LOSM	Lostock Dam	LTIM	Timbered Crater
LEI	Leipzig		LJY	La Joya	LOSU	Losuia	LTN	Loutraki
LEK	Lexington		LKB	Lokbatan	LOT	Lotru	LTN	Livingston
LEM	Lembang		LKBD	Leukerbad	LOU	Louis Bay	LTM	Little Maria Mountains
LEN	Leninakan		LKC	Lake Chabot	LOY	Loyalton	LTMT	Little Table Mountain
LENM	Lemitar		LKD	Levkas	LOZ	Lake Ozonia	LTN	Lennox
LEO	Leoncito		LKD2	Lefkada island	LP-	La Pryor	LT-PA	Lewistown
LEOC	Leona Valley		LKFR	Kufra	LPA	La Plata	LTO	La Grande
LEOM	Leova		LKG	Breislack	LPAR	Lepanto	LTR	Lone Tree Road
LEON	Leon		LKGA	Lookout Mountain	LPAZ	La Paz	LTRA	Loutraki
LEOT	Leota Junior High School		LKL	Kirkby Lonsdale	LPB	La Paz	LTRP	Tripoli
LEP	Lephalale		LKO	Korhogo	LPC	La Cumbre Peak	LTRR	
LEPF	PUYLOUBIER		LKP	Lekhapani	LPD	Lampedusa	LTRZ	Laterza
LER	Lerida		LKR	Lokris	LPDM	Pondosa	LTT	Louis Trichardt
LERZ	Lernakert		LKVW	Lakeview	LPEF	Le Peyrat	LTU	Little Mountain
LES	Lesozavodsk		LKW	Lake Wisdom	LPEL	Lama dei Peligni	LTW	Los Trancos Woods
LESF	Lescure		LKWY	Lake	LPF	Le Pertre	LTX	Lajitas
LE-TN	Lewisburg		LL-	Laurel	LPG	La Plagne	LTY	Liberty
LEV	Loma de el Viento		LLA	Llanada	LL-MS		LTZ	Lake Taylor
LEVU	Levan		LLAC	Llano	LPH	Laupahoehoe	LUA	Luanda
LEX	Lexington		LLAH	Lualailua	LPI	Lipari	LUB	Lubbock
LF-	La Follette	LF-TN	LLAV	El Llanito	LPIK	La Paz	LUBP	Lubang
LF1	LASA F Ring		LLC	La Lucha Farm	LPL	La Plagne	LUBY	Luby
LF2	LASA F Ring		LLCH	Llollec	LPM	Los Pinos Mountain	LUCF	Luceram
LF3	LASA F Ring		LLD	Lille Linde	LPMF	Morne Lapointe	LUCR	
LF4	LASA F Ring		LLJ	Lipari	LPO	Le Pouchou	LUEV	Luepa
LFA	Lagoa do Fogo		LLC	Llilo	LPR	La Pocatiere	LUG	Luganville
LFC	Lale Fork Canyon		LLJ	Guerrero	LPR	La Peregrina	LULJ	Ujeia
FFF	La Frestale		LLKY	Land-Between-the-Lakes	LPS	La Palma	LUL	
LFK	Lefkose		LLL	Lillooet	LPT	Lampang	LUM	
LFM	Lubrecht Forest		LLLB	Lillooet	LP-TX	La Pryor	LUMB	Murzuk
LFRS	El Faro		LL-MS	Laurel	LPW	Lampeter	LU-MS	Lumberton
LF-TN	La Follette		LLO	Longridge	LPX	La Paz	LUN	Lund
LFU	La Fuente		LLP	Lapu-Lapu	LPZ	San Calixto	LUPA	Lehigh University
LG-	Long Valley	LG-AZ	LLRI	Little Lost River	LOA	La Quiaca	LUPN	Lupin Mine
LG4Q	La Grande 4		LLS	Linth-Limmern	LOP	Lukban	LURI	Luri
LGA	Laguna Mountains		LLW	Llanuwchllyn	LOO	La Grande 4	LUS	Lusaka
LGAR	La Grange		LLY	Lytham Saint Anne's	LOT	Los Queltehuas	LUTC	
LGAT	Lohaghat		LM-	Lake Mead	LR9	Liard River	LUV	Laichau
LG-AZ	Long Valley		LM2	Lima (Magdalena)	LRA	Little Rock	LUWI	Luwuk
LGBM	Gray Butte		LMA	Le Marinier	LRAL	Lakeview Retreat	LUX	Luxembourg
LGC	Lakewood Golf Course		LMBQ	La Malbaie	LRC	Lone Oak Road	LV-	Liddieville
LGD	Lagodekhi		LMC	Lamocks	LRCG	Laurel Creek	LV9	Isola Levanzo
LGG	Legon		LMCR	Lookout Mountain	LRD	Leaning Rock	LVA	Lava Point
LGH	Ghdames		LMD	Lutirano	LRDF	Larogue-de-Fa	LVAR	Leachville
LGHM	Grouse Hill		LMDM	Medicine Lake	LRDM	Redding Peak	LVC	Limon Verde
LGY	Lock 6	L6KY	LMEL	Las Melosas	LRDO	Lorado	LVG	La Victoria
LGM	Little Green Mountain		LMEM	Manzanita Entrance	LRG	Lorgues	LVGX	La Villita
LMMM	Garner Mountain		LMF	Le Mans	LRI	Big Lost River	LVI	Isola Levanzo
LGN	Lagunillas		LMG	Lamington	LRKT	Look Rock	LVIG	Laguna Verde
LGNR	Logjinova		LMGC	Las Mercedes	LRM	Limekiln Ridge	LVK	Lovelock
LGOR	La Grande		LMHM	Little Mount Hoffman	LRMC	Laurel Mountain	LV-LA	Liddieville
LGP	Legaspi		LMI	Millom	LRN	Richmond	LVMM	Veracruz
LGPM	Granite Peak		LMK	Market Rasen	LRO	Larroussi	LVN	Las Vegas
LGQ	La Grande		LML	Lae-Mount Lunaman	LRQ	La Grande 3	LVNJ	Long Valley
LGR	Logrono		LMM	Maputo	LRR	Leresti	LVP	Lakeview Peak
LGRM	Grenada		LMN	Caledonia Mountain	LRRC	Little Rock Reservoir	LVR	Liverpool
LGSN	Lac de Gras South		LM-NV	Lake Mead	LRS	Lares	LVRI	Lost Valley Reservoir
LGT	Lagarterita		LMO	Lookout Mountain	LRV	Little Rabbit Valley	LVS	La Villa de Los Santos
LGTI	Lohaghat		LMP	Observatory	LRW	Lerwick	LVU	Levan Peak
LGTM	Lightning Creek		LMPM	Military Pass	LRWS	Lerwick	LVV	L'vov
LGUZ	Los Guarumos		LMQ	La Malbaie	LRWF	La Roche-sur-Yon	LVVM	Laguna Verde
LHA	Lhasa		LMS	Lookout Mountain	LS-	Lisbon (USA)	LVW	Las Vegas
LHAH	Las Aradas		LMS	Observatory	LSA	Lhasa	LVY	Levy
LHBM	Lucas Heights		LMSR	Misrath	LSCH	La Serena	LVZ	Lovozero
LHC	Lakehead University		LMT	Lemonthyme	LSCT	Lakeside	LW-	Lake Wenatchee
LHCM	Hat Creek		LMTN	Little Mountain	LSZ	Lilico Spur	LWA	Lower Mag Wash
LHD	Little Hoodo Mountain		LMTZ	Lermontov	LSD	Ceresole Reale	LWH	Whinny Nab
LHE	Lhers		LMU	Lake Mountain	LSF	La Souterraine	LWI	Lwiro
LHEM	Herd Peak		LMW	Ladd Mountain	LSHF	Shwaif	LWLI	Liwa
LHG	La Concha		LMX	La Mesa Andrade	LSI	Little Sitkin Island	LWN	416
LHHM	High Hole Crater		LMZ	Lake Moeraki	LSI01	Los Alamos Infrasonic Array Site 1	LW-WA	Lake Wenatchee
LHI	Lord Howe Island		LMZM	Manzanita Lake	LSI02	Los Alamos Infrasonic Array Site 2	LXQ	La Grande 3
LHIS	Lahir Island		LN9	Lone Pine	LSI03	Los Alamos Infrasonic Array Site 3	LXR	Lexington Reservoir
LHKM	Mount Harkness		LNA	Lyangar	LSI04	Los Alamos Infrasonic Array Site 4	LYMT	Lyon Mountain
LHM	Lake Helena		LNAS	Los Alamos	LSIAR	Los Alamos Infrasonic Array Beam Reference Point	LYNC	Lynnwood City Hall
LHMI	Lhok Sumawe		LNB	Las Nubes			LYP	Liyang
LHMM	Hirz Mountain		LNC	Lunacharskoye			LYUB	Lan-yu
LHN	Lillehammer		LNCH	Linares			LYW	Lyman
LHO	Holmfirth		LNCR	Limon			LY-WA	Lynden
LHOM	Hoadley Peaks		LND	London (Ont)			LZ-	La Paz
LHS	Liberty Hill		LNF	Linfen	LSK	Leskovik	LZ-BV	Mount Lazard
LHSI	Lahat		LNG	Luning	LSLM	South Lassen	LZ-BV	La Paz
LHU	Lake Hughes		LNIG	Linares	LSM	Little Skull Mountain	LZG	Guadalupe-1
LHUT	Little Humpy Peak		LNK	Lankaran	LSN	Little Skull Mountain	LZH	Lanzhou
LHV	Little Huntoon Valley		LNKU	Linkoping	LS-NH	Lisbon	LZLA	Zalla
LI-	Liberty	LI-NV	LNM	Leon	LSNR	Lesken	M01C	Crescent City
LIA	Limnos Island		LN-MA	Lewistown	LSP	Las Mesas	M02C	Callahan
LIB	Langara Island		LNO	Leonard	LSP2	Las Mesas	M03C	McCloud
LIBD	Limburg		LNO2	Leonard	LSPF	Lesparou	M04C	Macdoel
LIBM	Chiapas		LNO3	Leonard	LSR	Lussari	M05C	Lookout
LIC	Lamto		LNOR	Lincton Mountain	LSRT	Sirt	M06C	Likely Place Golf, Likely
LICH	Lichinga		LNR	Lonorore	LST	Lone Star	M07A	Soldier Meadows
LICM	Lichinga		LNS	Lanslevillard	LSTR	Listvyanka	M08A	Happy Creek Ranch,
LICR	Limon		LNSM	East Lansing	LSU	Lake Shores		Winnemucca
LID	Liddow		LNSS	Leonessa	LSU1	Parcerperdue Array	M09A	Marrel Ranch,
LIENZ	Alp Oberkamor		LNV	Longovio	LSU2	Parcerperdue Array		Paradise Valley
LJA	Lijar		LNVN	Lang Ngam	LSU3	Parcerperdue Array	M10A	I.L. Ranch, Tuscararo
LKS	Likavka		LNX	Lenox	LSU4	Parcerperdue Array	M11A	Holland Ranch, North Fork
LIL	Lille		LNXT	Lenox	LSU5	Parcerperdue Array		
LILH	Lima (NY)		LO-	Lovelock	LSUT	Lucky Star	M12	M12
LILM	Lilongwe		LO2	Pahute Mesa	LSW	Landslide	M12A	Wells
LILU	Lilltraesk		LOA	Los Alamos	LSZ	Lusaka	M13A	Montello
LIM	Lima		LOC	Lincoln School	LT-	Lewistown	M14A	Sheep Mountain BLM,
LIM1	Limal		LOCW	Locke Island	LT1	Stevens Creek	SEC	Rosette
LIME	Lime		LOD	Lodumlu	LT11	Empire Grade Rd	EGR	Larsen Ranch,
LIMM	Veracruz		LOE	Loei	LT12	Eureka Canyon	EUC	Promontory
LIN	Lincoln		LOES	Loerrach-Stetten	LT13	Angel Island	AGC	Huntsville
LINO	Lindsay		LOF	Lofoten	LT15	Bear Creek Road	M16A	Scullys Gap (BLM),
LI-NV	Liberty		LOG	Logan	LT16	Bolinger Road	M17A	Evanston
LIO	Limon		LOHW	Long Hollow	LT17	Morgan Territory	BGC	Lyman
LIP	Lipkovo		LOK	Lockwood Valley	LT18	Palomares Rd	MTC	Rock Springs
LIRZ	Lichensteins Rd		LOKY	Lockhart	LT2	St Joseph	PLC	Sweetwater, Wamsutter
LIS	Lisbon		LOLA	Los Lagos	LT3	Portola State Park	SJH	Separation Peak, Rawlins
LISJ	El Lisan		LOMF	Lomont	LT4	Stanford	SFT	Cedar Creek Ranch,
LIT	Litokhoron				LT5	La Honda		Saratoga
LITE	Lita				LT6	Woodside	WDS	Montasola
LITE1	Lita				LT7	Menlo Park	MOB	Magadan
LITH	Al Lith				LT8	Coyote Hills	CYH	Marino

Code	Station Name	Other	MBLG	MLGT	MEIG	Mezcala	MIPR	Malaya Ipel'ka
MAA	Manantiales		MBMH		MEK	Meekatharra	MIQ	Maniwaki
MAB1	Monte Acero		MB-MS		MEKA	Meekatharra	MIR	Mirny
MABC	Malibu		MBO		MEL	Melbourne	MIRA	Miradouro
MABI	Malga Bissina		MBFA		MELA	Melanico ??? S. Croce di Magliano	MIRC	Martinez Indian Reservation
MAC	Mark West Springs		MBRI					
MACE	Macas		MBRY	MRYT	MELF	Melles	MIRN	Miramar
MACI	Morro de la Arena		MBSS		MELI	Melilla	MIS	Mishima
MACK	Trabzon		MBT		MELS	Mels	MISD	Mianeh
MACM	Macedon		MBU		MELSS	Ber_school_2	MIST	Miston
MAD	Madang		MBUT		MEM	Membach	MISV	Misoa
MADF	Madeleine		MBV		MEMM	East Mammoth Hills	MIT	Mito
MADG	Magdalen Islands		MBW		MEMT	Mount Ellis	MITH	Mitoyo
MADN	Villa Maderas		MBWA		MEN	Mendoza	MITM	Mitta Mitta
MADO	Madoc		MBWH		MENF	Mencas	MIV	Mineville/Witherbee
MADS	Madsous		MBZ		MENI	Mendum Tagoi	MIW	Mizusawa
MAE	Maebashi		MC	MC-SD	MENT	Mentasta	MIX	Mix Canyon Road
MAEJ	Maebashi 2		MCA		MEO	Meers	Miy	Miyako
MAF	Mazirat		MCAB		MEP	Mte del Estrado	MiyJ	Miyakonagasawa
MAG	Magadan		MCAD		MER	Merida	MIZ	Mizusawa
MAG1	Magdalena		MCAR		MERK	Meru	MIZN	Minamiizu
MAGA	Magasa		MCAS		MERS	Mersin	MJ00	Matshushiro Site
MAGD	Magdalena		MCB		MERV	Las Mercedes	MJ01	Matsushiro Array Site 1
MAGG	Maguga Dam		MCC		MES	Messina University	MJ02	Matsushiro Array Site 2
MAGK	Magadi		MCCM		MES1	Messina Univ.	MJ03	Matsushiro Array Site 4
MAGT	Magosa				MESC	Monte Escuro	MJ04	Matsushiro Array Site 4
MAH	Mahableshwar		MCD		MESJ	Messejana	MJ05	Matsushiro Array Site 5
MAHO	Mahon		MCE		MEST	Erdemli	MJ06	Matsushiro Array Site 6
MAHZ	Mahia		MCEL		MET	Memphis--Engineering Building	MJ2	May Junction 2
MAI	Maizuru		MCEM				MJA0	Matsu Arr-Jizo
MAIG	Mazatlan		MCG	GRW	METS	Mezamor	MJA1	Matsu-Toyosaka
MAIM			MCGN		MEU	Monte Lauro	MJA2	Matsu-Nakaone
MAIO	Mashhad (SRO)		MCH		MEV	Metsvovon	MJA3	Matsu-Soehiyama
MAIT	Maitri		MCH1		MEW	McNeil Island	MJA4	Matsu-Jizotoge
MAJ	Maron		MCHM	CRH	MEX	Mexico City	MJAR	Matsushiro Array Beam Reference Point
MAJO	Matsushiro		MCHV		MEZ	Mezhor'ye		
MAK	Makhachkala		MCHZ		MEZF	Maizeres J'ville	MJAS	Monjas
MAKK	Maki		MCI		MF	Medford	MJB1	Matsu-Takimoto
MAKR	Makrakomi, Fthiotida		MCID		MFA	Mitchell Field	MJB2	Matsu-Sugadaira
MAKT	Makukawa		MCIL		MFF	Saint Martin du Fouilloux	MJB3	Matsu-Daira
MAKU	Maku		MCIR		MFI	Fishrie	MJB4	Matsu-Nakagumi
MAKZ	Makanchi		MCJ		MFID	Camas Ranch	MJB5	Matsu-Yatsubo
MAL	Malaga		MCK		MFN	Minneapolis	MJB6	Matsu-Irikauiz
MALC	Bahia Malaga		MCKN		MFNL	Monte Finestrelle	MJB7	Matsu-Wadaira
MALG	Malagash, Nova Scotia		MCL		MFO	Meers Fault	MJB8	Matsu-Inaba
MALI	All		MCLT		MFP	Moca	MJB9	Matsu-Tunnel
MALM	Malindi		MCM		MFS	McCloud Flat South	MJHT	Jackboy Hill
MALO	McAlpine Lake		MCMT		MFSM	McCloud Flat S	MJM	Morne Jacques
MALT	Malatya		MCN		MFT	Murefte	MJMA	Al Majma'ah
MAM	Mambajao		MCNL		MFTN	Millsfield	MJP	Mount John Pukaki
MAMC	Mammari		MCO		MFV	Milton-Freewater	MJSI	Majene
MAMG	Mamou		MCP		MF-WS	Medford	MJW	Madison Junction
MAMI	Mei-Ami		MCPI		MGA	Milagra Ridge	MJZ	Mount John
MAMO	Mamousia		MCPQ		MGAB	Montegabbione	MK	Marked Tree
MAN	Manila		MCPZ		MGAN	Managua	MK01	Makanchi Array site
MAN1	Correggio Man		MCO		MGAT		MK02	Makanchi Array site
MANI	Manica		MCR		MGB	Mount Grey	MK03	Makanchi Array site
MANM	Veracruz		MCRR		MGBB	Grossbuechelberg	MK04	Makanchi Array site
MANS	Anshas		MCRV		MGBR	Gross Gambier	MK05	Makanchi Array site
MANT	Manisa		MCS		MGC	Mingacevir	MK06	Makanchi Array site
MANV	Manamana		MC-SD		MGCB	McGee Creek	MK07	Makanchi Array site
MANY	Mount Airy		MCSJ		MGCD	Mangrove Creek Dam	MK08	Makanchi Array site
MANZ	Manzenberg		MCSM		MGD	Magadan 1	MK09	Makanchi Array site
MAO	Monte Argentario		MCSR		MGER	Gerania Oros	MK31	Makanchi Array site
MAOD	Malaho		MCT		MGG	Marie-Galante	MK32	Makanchi Array site
MAON	Monte Argentario		MCU		MGH	Saint George's Hill	MKA	Makaopuhi
MAP	Mactan		MCUM		MGI	Mount Gilboa	MKAR	Makanchi Array Beam Reference Point
MAR	Marseilles		MCV		MGJ	Motegi		
MARA	Maracay		MCVV		MGL	Magalia	MK-AR	Marked Tree
MARB	Ma'rib		MCW		MGLS	Magaik LS	MKAZ	Moumakai
MARC	Maricopa		MCWV		MGM	Magruder Mountain	MKC	Moncks Corner
MARD	Mardin		MCY		MGN	Mengen	MKH	Mauna Kea
MARE	Marsico Vetere		MD1		MGO	Magdro	MKIT	Kithairon Oros
MARH	Ras Al Marh		MD2		MGOD	Makushin Gods Own	MKJ	Miyake jima
MARI	Martimbang		MD3			Repeater Site	MKL	Maskali
MARJ	Al Marj		MD4		MGP	Maguayo	MKMT	Mink Peak
MARK	Kumluca		MD5		MGPB	Maguayo	MKN	Medicine Creek Dam
MARL	Marlboro		MDA		MGR	Morigerati	MKNA	Makna
MARM	Chiapas		MDAL		MGRZ	Megri	MKO	Miyako
MARMO	Marston		MDB		MGS	Middleton Gardens	MKRJ	Makawir
MART	Mareth		MDC		MGTN	Margaret Lake	MKRZ	Makattiti
MARV	Martvili		MDD		MGU	Meadow Creek Golf Course	MKS	Makassar
MARY	Rancho Maria		MDG				MKT	Machtesh Katan
MARZ	Manawahe		MDGS		MGUL	San Miguel	MKW	Mikawa
MAS	Mason Butte		MDI		MGV	Manicaragua	MKY	Makeyevka
MASB	Masset		MDJ		MGVT	Montgomery	MKZ	Mys Kozlova
MASC	Masc		MDL		MGZ	Maungaku	ML	Mogolon
MASH	Mash'abbe Sade		MDM		MH	Mitchell	ML1	Mono Lake
MASJ	El Maslubiya		MDN		MHA	Mahukona	ML1CL	Mono Lake
MASN	Masaya		MDNY		MHAI	Haid-Arzberg	ML2	Mono Lake
MASU	Masugnsbyn		MDO		MHC	Mount Hamilton	ML2CL	Mono Lake
MAT	Matsushiro		MDR		MHD	Mile High Drive	ML3	Mono Lake
MATO	Matsushiro Array Site 0		MDRJ		MHDL	Marin Headlands	ML3CL	Mono Lake
MAT1	Matruh		MDRM		MHEZ	Mangahewa	ML4	Mono Lake
MATB	Ma-tsu		MDRS		MHGZ	Mahia Peninsula	ML4CL	Mono Lake
MATE	Matera		MDRV		MHI	Mashhad	MLA	Malaspina Glacier
MATF	Mathat		MDS		MHI	Mihama	MLA1	Latheron
MATH	Matsumotoyama		MDSJ		MHK	Manhattan	MLAC	Mammoth Lakes Airport
MATI	Mati		MDSM		MHL	Milos	MLAL	Sawyererville
MATL	Matirih		MDT		MH-NB	Mitchell	MLB	Malabar
MATM	Matthews		MDU		MHPQ	Mount Hope	MLC	Manzanita Lake
MATP	Matopo		MDUB		MHR	Mount Hamilton Road	MLD	Malden
MATQ	Matagami		MDUM		MHS	Mammoth Hot Springs	MLDM	Malden
MATS	Near Sharaf		MDV		MHT	Manhattan	MLE	Mileto
MAU	Matua		MDVM		MHV	Michnevo	MLF	Mitford
MAUI	Maui		MDW		MHZ	Mount Horn	MLG	Mont-d'or
MAVI	Loma El Joboban		MDY		MIA	Miami	MLGT	Long Ground
MAW	Mawson		MDZ		MIAR	Mount Ida	MLH	Mauna Loa
MAX	Makhata		ME	ME-BC	MIB	Mutribah	MLI	Malad Range
MAY	Mayfield		ME-BC		MIC	Michilla	MLK	Mitford Reservoir
MAYB	Maynard		MEAN		MID	Middleton Island	MLK*	Malo-Kuril'sk
MAZ	Mazatlan				MIDA	Miranda	MLL	Mill Creek
MAZR	Mazracia		MEB		MIDW	Midway	MLM	Mesa Lucera
MB	McComb	MB-MS	MEC		MIF	Mishlifen	MLN	Mulungwishi
MBA	Mount Bingar		ME-BC		MIGL	Miglionico	MLNI	Malnisio
MBAR	Mbarara		MEC		MI	Malini	ML-NM	Mogolon
MBAT	Mbeya		MECC		MIK	Minitrack	MLNT	Millington
MBBY			MECU		MIKI	Bielsko-Biala	MLON	Marlo Lake
MBC	Mould Bay		MED		MIKN	Mikawa	MLO	Malaspina Glacier
MBDF	Montbardon		MEDC		MIL	Milan	MLQ1	Kipawa
MBET	Bethel		MEDO		MLA	Mila	MLQ2	Temiscamingue
MBFM	Blanchard Fire Station		MEDT		MLG	Mill City	MLR	Muntele Rosu
MBG	Matouba		MEDY		MLK	Milimani	MLS	Moulis
MBGA			MEE		MILT	Milan	MLSB	Milas
MBGB			MEEK		MLZ	Milazzo	MLT	Malta
MBGE			MEF		MIM	Milo	MLTT	Malatya
MBH	Mount Berech		MEG		MIN	Mineral	MLV	Malvaux
MBI	Menan Buttes		MEGH		MINB	Miramichi	MLW	Milwaukee
MBJ	Montego Bay		MEGW		MINR	Mina	MLWM	Molesworth
MBL	Marble Bar		MEH		MIO	Marion Island	MLX	Mauna Loa 2
			MEI		MIP	Matupit	MLY	Manley

Code	Station Name	Other	MOKY	Morganfield	MRIN	Marion BPA Site	MTN	Manton Dam
MLYT			MOL	Molde	MRIV	DOGAMI SMO	MTNG	Tinghir
MLZ	Mavora Lakes		MOLE	Moliferno		Vacoas (Royal Alfred Observatory)	MTNI	Maaram
MM-	McMinnville	MM-TN	MOLL	Mollejone	MRJ		MTNZ	Marfuu
MMA	Mummy Mountain		MOM	Momote	MRK	Moriya	MTO	Montecristo
MMA0	Mount Meron array		MOMJ	Momotombo	MRKH	Morioka	MTO2	Montecristo 2
MMAOB	Mount Meron array		MOMN	Momotombo	MRKJ	Merkhyat	MTP	Monte Pirata
MMA1	Mount Meron array		MOMR	Moma	MRKJ	Morioka 2	MTPB	Monte Pirata
MMA2	Mount Meron array		MOMT	Monaco	MRL	Marmol	MTPC	Mountain Pass
MMA3	Mount Meron array		MOMN	Moncuoco Torinese	MRLC	Muro Lucano	MTPM	Central Michigan University
MMA4	Mount Meron array		MOMN	Monesi	MRMJ	Muroto Misaki		
MMAI	Mount Meron Array		MOMN	Monclair	MRMT	Marmara Adasi	MTQ	Monturaqui
	Beam Reference Point		MOMN	Mont	MRN	Sint Maarten	MTR	Monterey
MMB	Musomiste		MOMN	Monmouth DOGAMI SMO	MRNI	Mount Meron	MTRD	Mount Read
MMB1	Mount Meron array		MOMN	Monarch Peak	MRNQ	Morin Heights	MTRZ	Monterenzio
MMB2	Mount Meron array		MOMN	Mono Valley	MRO	Meridian	MTS	Matsue
MMB3	Mount Meron array		MOMN	Montecano	MROB	Rosenbuehl-Arzberg	MTSA	Monte Escuro
MMB4	Mount Meron array		MOMN	Moorlands	MRP	Merapi	MTSE	Matsula
MMBI	Montebello Ionico		MOMN	Moon Mountain	MR-PA	Middleburg	MTSH	Mount Sheppard
MMC	Middle Cape		MOMN	Moose Ponds	MRPI	Mariponipon	MTSN	Montesano sulla Marcellana
MMC1	Mount Meron array		MOMN	Monarch Peak	MRR	Muroran		
MMC2	Mount Meron array		MOMN	Mopani	MRJR	Muroran 2	MTST	Matsu
MMC3	Mount Meron array		MOMN	Molcaxac	MRS	Maars	MTSU	Mount Surprise
MMC4	Mount Meron array		MOMN	Mont Orford	MRSJ	Marisa	MTT	Monetta
MMC5	Mount Meron array		MOMN	Mori	MRSS	Marsad	MTTG	Motta San Giovanni
MMC6	Mount Meron array		MOMN	Moi Rana	MRST	Morshin	MTU	Montague Island
MMC7	Mount Meron array		MOMN	Moi Rana	MRT	Murotomisaki	MTUM	Tungsten Hills
MMC8	Mount Moriah Church		MOMN	Moi Rana	MRT2	Murotomisaki 2	MTUR	Matau
MMCZ	Mount Michael		MOMN	Moi Rana	MRCV	Morongo Valley	MTUT	Morton Thiokol
MME	Monte Cimone		MOMN	Moi Rana	MRVJ	Mt Valcellina	MTV	Mount Tassie
MME1	Meikle Cairn		MOMN	Moi Rana	MRVN	Minervino Murge	MTVZ	Mangateitei
MMG	Magdalena		MOMN	Moi Rana	MRVT	Maraveh tapeh	MTW	Mount Morrison
MMGO	Monte Magaggiaro		MOMN	Moi Rana	MRWA	Makara Radio	MTX	Marathon
MMIG	Aquila		MOMN	Moi Rana	MRX	Morawa	MTY	Matsuyama
MMK	Mattmark		MOMN	Moravsky Beroun	MRY	Morelia	MTZ	Montezuma
MML	Mount Malkishua		MOMN	Marmeleite	MRYT	Mary	MTZV	Met
MML1	Mount Malkishua		MOMN	Mount Morgan	MRZ	Mangatainoka River	MU-	Mt Baker
MMLM	Pea Ridge Mine		MOMN	Morrocoy	MS-	Montrose	MUB	Muncho Lake
MMME	Mongiuffi-Melia		MOMN	Morshin	MS1	Monte Sant'Angelo (FG)	MUCO	Mount Union College
MMN	Mormanno		MOMN	Morawa	MSA	Mount San Antonio	MUD	Monsted U'grnd
MMNB	Middle Mountain		MOMN	Moscow	MSAG	Monastery St. Andrei	MUDI	Mud Lake
MMNY	Mt. Morris Dam		MOMN	Grossmontoni	MSAL	Monte S. Angelo	MUDJ	Muduarah
MMO	Medio Mundo		MOMN	Mohican School	MSAR	Masohi	MUGIO	Muggio
MMP	Mount Mary		MOMN	McDonald Observatory	MSAL	Monte Sano	MUGL	Ylanitdag
MMPH	Masbate		MOMN	McDonald Obs.	MSAR	Manila South	MUI	Mashhad University
MMPI	Merauke		MOMN	McDonald Obs.	MSB	Manso	MUIF	Mont Vial
MMPM	Mammoth Pass		MOMN	McDonald Obs.	MSB1	Montesarchio	MUK	Mukerian
MMR	Mount Meron		MOMN	McDonald Obs.	MSBB	Schoenbrunner Berg-Wunsiedel	MUKH	Al Mukha
MMRI	Maumere		MOMN	Moosalm	MSC	Monte Massico	MUKL	Al Mukalla
MMS	Matam		MOMN	Model	MSCO	Scilla	MUL	Mullan
MMT	Marsa Matruh		MOMN	Mount Ogden	MSCL	Mesa State College	MUM	Manipur University
MM-TN	McMinnville		MOMN	Morovis	MSCO	Mesa State College	MUM0	Musselwhite Mine
MMU	Miners Mountain		MOMN	Cotopaxi Vol south	MSCZ	Moutere Station	MUMZ	
MMWM	Mi Wuk Village		MOMN	Moawhango	MSDA	Masada	MUN	Mundaring
MMY	Middlesmoor		MOMN	Moikau	MSE	Moose Creek	MUNC	Munchique
MN-	Mina	MN-NV	MOMN	Moxa	MSEY	Mahe Island	MUNO	Muotathal
MNA	Mina		MOMN	Mondy	MSF	Maaselka	MUR	Murgab
MNAI	Manna		MOMN	O'Byrne Ferry	MSG	Moessingen	MURB	Monte Urbino
MNAS	Manas		MOMN	Moyogalpa	MSGF	Morne Soldat	MURC	Murrieta
MNAT	Makushin Nateekin		MOMN	Mahoenui	MSH	Mashhad	MURR	Camp Murray
MNB	Mounoet Dainard		MOMN	Mozjanca	MSH11	Mount St. Helen	MUS	Muskinaabad
MNC	Moncalieri		MOMN	Mountain Pine	MSH21	Mount St. Helen	MUSH	Mushullacta
MNCI	Minicoy		MOMN	Moose Pass	MSH31	Mount St. Helen	MUT	Mudurnu
MNCY	Minicoy		MOMN	Palemas	MSHA	Masjed Soleyman	MUTC	Mutkov
MND	Mandalay		MOMN	Parnis Oros	MSI	Messina ING	MU-WA	Mount Baker
MNDI	Mendi		MOMN	Mountain Pine	MSJ	Mission San Jose	MUX	Union Juarez
MNE	Mineo		MOMN	Palizzi	MSK	Misaki	MUZ	Mutare
MNFI	Manof		MOMN	Moonee Ponds	MSKJ	Misakubo	MV-	Marysville
MNG	Mangahao		MOMN	Malo Peshtene	MSKU	Masuku	MV-CL	Marysville
MNGI	Mangalore		MOMN	Monte Pellegrino	MSL	Mosul	MVCO	Mesa Verde
MNH	Munich		MOMN	Montagnes des Peres	MSLP	Maasin	MVH	Mountain View
MNHK	Manihiki		MOMN	Memphis	MSM	Mount Sar Shalom	MVH1	Achvaich
MNHM	New Hogan Reservoir		MOMN	Mount Pinos, Frazier Park	MSMT	Mission Creek	MVI	Minamidaito jima
MNI	Manado		MOMN	Martis Peak	MSON	Misono	MVIF	Mont Vial
MNJ	Mineoka		MOMN	Maple valley SMO-IDS24	MSNA	Messina	MVKY	Maysville
MNK	Minsk		MOMN	Monte-Pele	MSNJ	Montclair St. U.	MVL	Millersville
MNKH	Manakhah		MOMN	Manual Prospect	MSNO	Moosonee Ontario	MVLT	Maryville
MNKR	ALMNKUR		MOMN	Mine, Trona	MSNY	Masenna	MVMT	Montagne Vaucelin
MNL	Mangla		MOMN	Port Mandanici	MSO	Missoula	MVMO	Maryville College
MNM	Minneapolis		MOMN	Mary's Peak	MSOM	Makushin Julie Andrews	MVNO	Noumea
MNN	Minneapolis		MOMN	Mount Pasian	MSON	Mazon	MVO	Moncorvo
MN-NV	Mina		MOMN	Murphy's Point	MSP	Mount Santo Tomas	MVOV	Montserrat Volcano
MNO	Monte Soro		MOMN	Mayaguez	MS-PA	Montrose		Observatory
MNP	Morong		MOMN	Monte Prat	MSP	Saint Patrick	MVT	Monte Vettore
MNQ	Manicouagan		MOMN	Mapaga	MSR	Malnas	MVU	Marysval
MNR	Mines Road		MOMN	Matupit Island	MSRU	Castanea	MVW	Mud Volcano
MNRC	McLaughlin Natural Reserve		MOMN	Maple Canyon	MSS	Messtetten	MW-	Mattawa
			MOMN	Montpelier	MSSI	Masamba	MWA	Mag Wash
MNRI	Mount Meron		MOMN	Macquarie Island	MST	Mostar	MWC	Mount Wilson
MNS	Montasola		MOMN	McQueen's Valley	MSTB	Masset	MWG	Munster
MNSI	Mandailing Natal		MOMN	Middleburg	MSTM	Stent	MWH	Mokuaweoweo
MNSR	Manas		MOMN	Monticello Reservoir Site 1	MSTX	Muleshoe	MWI	Montserrat
MNT	Montreal		MOMN	Monticello Reservoir Site 2	MSU	Marysval	MW-ON	Mattawa
MNTX	Cornudas Mountains		MOMN	Monticello Reservoir Site 3	MSUEL	Midwestern State University	MWS	Mawashi
MNU	Milford North		MOMN	Monticello Reservoir Site 4	MSV	Monasavu	MWZ	Matawai
MNV	Mina		MOMN	Monticello Reservoir Site 5	MSVF	Nonsavu	MX-	Manchester
MNW	Monowai		MOMN	Monticello Reservoir Site 6	MSW	Makushin Switchbacks	MXC	Moxie City
MNWA	Manchester		MOMN	Monticello Reservoir Site 7	MSWZ	Moikau Station	MXMB	Maximikha
MNY	Monteynard		MOMN	Monticello Reservoir Site 8	MSZ	Milford Sound	MX-TN	Manchester
MNYS	Manysh		MOMN	Monticello Reservoir Site 9	MT1	Boracho Peak	MXZ	Matakaoa Point
MNZ	Manzanillo		MOMN	Monticello Reservoir Site 10	MT2	Eagle Mountain	MY-	McCrary
MO-	Mountain Home	MO-ID	MOMN	Monticello Reservoir Site 11	MT3	Miller Ranch	MYA	Malataya
MOA	Molln		MOMN	Monticello Reservoir Site 12	MT4	Brite Ranch	MY-AR	McCrary
MOAB	Moab Khotsong		MOMN	Monticello Reservoir Site 13	MTA	Mtatsminda	MYD	Miyazu
MOAC	Moa		MOMN	Monticello Reservoir Site 14	MTAZ	Motutapu	MYG	Matka
MOB	Menlo Park		MOMN	Monticello Reservoir Site 15	MTB	Montebello Ridge	MYI	Mount Yahel
MOBC	Moresby Island		MOMN	Monticello Reservoir Site 16	MTBL	Makushin Table Top	MYK	Miyako zima
MOBN	Mombacho		MOMN	Monticello Reservoir Site 17	MTC	Morgan Territory	MYKA	Terra Mystica
MOC	Mount Cameroon		MOMN	Monticello Reservoir Site 18	MTCE	Montecelio	MYKOM	Kota Tinggi
MOCA	Moca		MOMN	Monticello Reservoir Site 19	MTD	Mount Darwin	MYKS	Mirrayikh
MOCB	Mochara		MOMN	Monticello Reservoir Site 20	MTDJ	Mount Denham	MYLDM	Lahad Datu
MOCH	Los Molles		MOMN	Monte Rosa	MTE	Manteigas	MYNC	Murphy
MOCN	Mocoron		MOMN	San Martin	MTG	Montague Island	MYO	Myokensan
MOCO	Biccari - m.te Cornacchia		MOMN	Mt Rat	MTGR	Mitogawa	MYP	Myponga
MOD	Modoc		MOMN	Monserrat	MTH	Montachique	MYR	Moyori
MODE	Modena		MOMN	Monte Rocchetta	MTHF	Mouthoumet	MYRZ	Mayor Island
MODR	Mondragone		MOMN	Montrose	MTI	Mount Irish	MYT	Moyuta
MODS	Modra-Piesok		MOMN	Reggio Calabria	MTIG	Mestia	MYV	Myrviken
MOE	Montemor		MOMN	Red Rock Canyon	MTJ	Mount Tsukuba	MYZ	Miyazaki
MOF	Molkenrain		MOMN	Maricao	MTK	Mitaka	MYZ2	Miyazaki 2
MOG	Mogadiscio		MOMN	Mojave River Dam	MTKZ	Martakert	MZ-	Mount Ida
MOGR	Mogosoia		MOMN	Mariestad	MTL	Mount Taylor	MZA	Mariazell
MOH	Mohaka		MOMN	Miraflores	MTLF	Montoliu	MZ-AR	Mount Ida
MOHS	Muhayil		MOMN	Railroad Flat South	MTLM	Mount Tassie Tower	MZDA	Masada
MOI	Mount Montar		MOMN	Murfatepe	MTLO	Montello	MZE	Maze
MO-ID	Mountain Home		MOMN	Morgantown	MTM	Matsumoto	MZEK	Zeckenberg-Ebnath
MOIG	Morelia		MOMN	Morge	MTMJ	Matsumoto	MZF	Mazirat
MOIN	Puerto Moin		MOMN	Marewa	MTMW	Mount Mitchell	MZH	Maizuru
MOK	Mokapu		MOMN	Morin Heights			MZH2	Maizuru 2
MOKC	Mount Cameroon		MOMN	Mauritius Island			MZI	Mizumiri

Code	Station Name	Other	NAU	Nanutarra	NCT	North Crescent	NICH	Los Niches
MZLS	Mizel		NAV	Narrows	NCU	National Central University	NIE	Niedzica
MZM	Mzuzu		NAVD	Navidad			NIG	Nigde
MZO	Mazie Landing		NAX	Nakhchivan	ND	Needles	NIHS	Ingelmoor High School
MZP	Montezuma Peak		NAY	Al-Naa'em	NDA	Nedlands	NII	Niigata
MZRK	Al-Mazaregh		NAZ	Nazwa, Dubai	NDB	Naden	NIJ	Niigata 2
MZT	Mikazuki		NB	North Branch	ND-CL	Needles	NIK	Nikolski
MZVM			NB2	NORSAR Subarray 2B	NDE	Delaikoro	NIKO	Nikolski
MZX	Mazatlan		NB200	NORSAR Array Site	NDF	Nadi	NIKU	Nikkaluokta
MZZ	Mansa		NB201	NORSAR Array Site	NDH	Dunnigan Hills	NIL	Nilore
N02C	Big Bar		NB202	NORSAR Array Site	NDI	New Delhi	NIN	Ninilchik One
N06A	Buffalo Meadows, Empire		NB203	NORSAR Array Site	NDMT	Ninemile Divide	NINI	Niniconang
N07A	Gerlach		NB204	NORSAR Array Site	NDR	Nardaran	NIS	Nissan Island
N07B	Gerlach		NB205	NORSAR Array Site	NE01	Goteborg	NIS1	Nisyros Isl.
N08A	GE Springer Mine, Mill City		NB3	NORSAR Subarray 3B	NE02	Monsted	NISR	Nisiros
N09A	Rock Creek Ranch, Golconda		NB4	NORSAR Subarray 4B	NE03	Logumkloster	NIU	Niumate
N10	NORSAR Subarray 10C		NB5	NORSAR Subarray 5B	NE04	Witteveen	NIUE	Niue
N10A	Beam Reference Point		NB6	NORSAR Subarray 6B	NE05	Utrecht	NIZ	Nizh Angarsk
N10A	Dunphy		NB7	NORSAR Subarray 7B	NE06	Dourbes	NJ2	Nanjing
N11	NORSAR Subarray 11C		NBB1	NORSAR Subarray 1B	NE07	Villiers-Adam	NJI	Nanjing
N11A	Elko Archery Club, Elko		NBD	NORSAR Subarray 1B	NE08	Agurande	NJJ	Nii jima
N12	NORSAR Subarray 12C		NBG	NORSAR Subarray 1B	NE09	Les Eyzies	NJJJ	Nii jima 2
N12A	Beam Reference Point		NBH	NORSAR Subarray 1B	NE10	Arrette	NJW	Norris Junction
N13	Clover Valley, Wells		NBK	NORSAR Subarray 1B	NE11	Ainzun	NKA	Nikishka
N13A	NORSAR Subarray 13C		NB-MN	NORSAR Subarray 1B	NE11*	La Almunia	NKC	Novy Kostel
N13A	Beam Reference Point		NBO	NORSAR Subarray 1B	NE12	Valle Caidos	NKE	Nake
N13A	Wendover, West		NBO00	NORSAR Array Site	NE13	Puertollano	NKI	Nikolski
N14	Wendover		NBO01	NORSAR Array Site	NE14	Granada	NKK	Na'kalak'ari
N14	NORSAR Subarray 14C		NBO02	NORSAR Array Site	NE15	Valkenburg	NKL	Nikolayevsk
N14A	Grayback Hills BLM, Clive		NBO03	NORSAR Array Site	NE16	Clermont-Ferrand	NKM	Nakhla
N15A	Stansbury Island BLM, Grantsville		NBO04	NORSAR Array Site	NE17	Toledo	TOL	New Kensington
N16A	Rees Ranch, Coalville		NBO05	NORSAR Array Site	NE18	Les Rejaudoux	NKR	Nakanohara
N17A	Moffit Pass		NBP	NORSAR Array Site	NE19		LGR	NKS
N18A	Larsen Ranch, Manila		NBPM	NORSAR Array Site	NE20		ALM	NKT
N19A	John Jarvie Ranch (BLM), Flaming Gorge		NBRM	NORSAR Array Site	NE21		MTE	NKY
N19A	Vettahaugen		NBW	NORSAR Array Site	NE22		MAL	NL
N1R1	Lillevik		NC2	NORSAR Subarray 2C	NE23		FBR	NL2
N1R2	Lillevik		NC200	NORSAR Array Site	NE24		ALI	NL2AZ
N1R3	Nordsjona		NC201	NORSAR Array Site	NE25		EBR	NLAI
N1R4	Lillevand		NC202	NORSAR Array Site	NE26	Santiago de Compostela	EVO	NL-AZ
N1R5	Hammernes		NC203	NORSAR Array Site	NE27	Evora		NLC
N1R6	Dalselv		NC204	NORSAR Array Site	NE28	Zamora		NLG
N20A	Spence Gulch, Sunbeam		NC205	NORSAR Array Site	NE29	Santa Pau		NLHM
N21A	Black Mountain, Craig		NBP	NORSAR Array Site	NE30	Losser		NLLB
N22A	Wattenberg Ranch, Walden		NBPM	NORSAR Array Site	NE31	Kootwijk		NLM
N23	N23		NBPM	NORSAR Array Site	NE32			NLM
N2B1	Tytingvag		NBRM	NORSAR Array Site	NE33			NLM
N2B2	Myklebust		NBW	NORSAR Array Site	NE34	Mettingen		NLM
N2B3	Lovikneset		NC2	NORSAR Subarray 2C	NE35	Billerbeek		NLO
N2B4	Drage		NC200	NORSAR Array Site	NE36	Bochum		NLU
N2B5	Haus		NC201	NORSAR Array Site	NE37	Ubbergen		NLW
N2B6	Leirgulen		NC202	NORSAR Array Site	NE38	Dalfsen		NLWA
N2B7	Tytingvag		NC203	NORSAR Array Site	NE39	Krefeld		NLY
NA0	NORSAR 1A	NAO	NC204	NORSAR Array Site	NE40	Winterswijk		NLYR
NA11	North Anna		NC205	NORSAR Array Site	NE41	Zyfflich		NMA
NA12	North Anna		NC3	NORSAR Subarray 3C	NE42	Fort Lent		NMC
NA2	North Anna		NC300	NORSAR Array Site	NE51	Saint Petersburg		NMCC
NA5	North Anna		NC301	NORSAR Array Site	NE52	Pskov		NMCM
NAA	Naalehu		NC302	NORSAR Array Site	NE53	Naroch'		NMCM
NAB	Nanaimo		NC303	NORSAR Array Site	NE54	Brest		NMCM
NABD	Nabeyama		NC304	NORSAR Array Site	NE55	Skvira		NMEM
NABI	Nabire		NC305	NORSAR Array Site	NE56	Odesa		NMF
NAC	Naches		NC4	NORSAR Subarray 4C	NE57	Homyel'		NMH
NACB	Ninganchiao		NC400	NORSAR Array Site	NE58	Poltava		NMHM
NADZ	Nadzab		NC401	NORSAR Array Site	NE61	Nurmija@14rvi		NMHZ
NAE	Nake (Tuamotu)		NC402	NORSAR Array Site	NE62	Kangasniemi		NML
NAF	Naboro		NC403	NORSAR Array Site	NE63	Kauhava		NMM
NAG	Nagoya		NC404	NORSAR Array Site	NEA	Nenana		NMMO
NAGA	Nagai Island		NC405	NORSAR Array Site	NEC	Neuchatel		NMN
NAGO	Nago		NC5	NORSAR Subarray 5C	NED	Newark		NMO
NAGR	Nagutskaya		NC6	NORSAR Subarray 6C	NEE	Needles		NMR
NAH	Naha		NC600	NORSAR Array Site	NEE2	Needles Airport, Needles		NMS
NAH1	Naha		NC601	NORSAR Array Site	NEF	NEVSHA		NMS
NAI	Nairobi		NC602	NORSAR Array Site	NEGI	Negi		NMTM
NAIG	Nisos Aigina		NC603	NORSAR Array Site	NEI	Neipperg		NMUT
NAIN	Natchez Trace		NC604	NORSAR Array Site	NEJ	Negril		NMWM
NAIT	NWS Agricenter		NC605	NORSAR Array Site	NEL	Nelson		NMXX
NAIU	Northern Antelope Island		NC606	NORSAR Array Site	NELS	Mount Nelson		NNA
NAJS	Najran		NC607	NORSAR Array Site	NEM	Nemuro		NNJ
NAK	Naxcivan		NC608	NORSAR Array Site	NEM2	Nemuro 2		NNK
NAKO	Nairobi	NAI	NC609	NORSAR Array Site	NEMQ	Nemaska		NNL
NAL	Nallihan		NC610	NORSAR Array Site	NEN	Nelson		NNS
NAM	Namangan		NC611	NORSAR Array Site	NEO	Neokhori		NNT
NAMA	Namatanai		NC612	NORSAR Array Site	NEST	Nestorio		NNZ
NAMS	An Nimas		NC613	NORSAR Array Site	NEU	Neuchatel		NOA
NAN	Nanjing		NC614	NORSAR Array Site	NEUB	Neuenburg		NOB
NANO	Nakina Ontario		NC615	NORSAR Array Site	NEV	Neuport		NOC
NANS	Nanahuazin		NC616	NORSAR Array Site	NEW	Newport		NOCC
NANT	Nan		NC617	NORSAR Array Site	NEWO	Newport DOGAMI SMO		NOCI
NANU	Nanutarra		NC618	NORSAR Array Site	NEZ	North Egmont		NOD
NAO	NORSAR Subarray 1A	NAO	NC619	NORSAR Array Site	NFIM	Farallon Islands		NOD
NAO00	Beam Reference Point		NC620	NORSAR Array Site	NFK			NODN
NAO01	NORSAR Array Site		NC621	NORSAR Array Site	NFP	NAFPAKTOS		NOH
NAO02	NORSAR Array Site		NC622	NORSAR Array Site	NFRM			NOJ
NAO03	NORSAR Array Site		NC623	NORSAR Array Site	NG-	Niagara		NOL
NAO04	NORSAR Array Site		NC624	NORSAR Array Site	NGA	Galoa		NOLM
NAO05	NORSAR Array Site		NC625	NORSAR Array Site	NGC	Ngoundere		NOM
NAP	Napay		NC626	NORSAR Array Site	NGH	National Guard		NONO
NAPF	Napfberg		NC627	NORSAR Array Site	NGHE	Neginohata		NOP
NAPP	Napperby		NC628	NORSAR Array Site	NGI	Nagai Island		NOQ
NAQJ	Ras En-Naqb		NC629	NORSAR Array Site	NGJ	Na-gawa		NOR
NAR	Nara		NC630	NORSAR Array Site	NGJA	Assam		NORC
NAR2	Nariel		NC631	NORSAR Array Site	NGJI	Ngawi		NORES
NARM	Narlikiyu		NC632	NORSAR Array Site	NGL	North Gasline		NORI
NART	Nor Artik		NC633	NORSAR Array Site	NGN	Nagano		NORI
NARZ	Nor Artik		NC634	NORSAR Array Site	NGNA	Nongstoin		NORM
NAS	Nasaqa		NC635	NORSAR Array Site	NGO	Nago		NOSH
NAS1	Nasa		NC636	NORSAR Array Site	NGO1	Nago		NOTT
NAS2	Nasa		NC637	NORSAR Array Site	NGP	Nagpur		NOU
NASN	Na'in		NC638	NORSAR Array Site	NGS	Nagasaki		NOUC
NASU	Vaermlandsnaes		NC639	NORSAR Array Site	NGSJ	Nagasakinomozaki		NOUE
NAT	Natal		NC640	NORSAR Array Site	NGT	Nagatsuro		NOV
NATB	Natividade		NC641	NORSAR Array Site	NGVM			NOVE
NATG	Natashquan Quebec		NC642	NORSAR Array Site	NG-W5	Niagara		NOVS
NATM	Nattai		NC643	NORSAR Array Site	NGZ	Ngauruhoe		NOVS
NATN	Natchez Trace		NC644	NORSAR Array Site	NH1	Sanbornton		NOVS
NATX	Nacogdoches		NC645	NORSAR Array Site	NHA	Nha-Trang		NOZ
			NC646	NORSAR Array Site	NHB	Bethesda--National		NP-
			NC647	NORSAR Array Site	NHBM	Naval Medical Center		NPA
			NC648	NORSAR Array Site	NHC	Healdsburg		NPH
			NC649	NORSAR Array Site	NHF	New Haven		NPI
			NC650	NORSAR Array Site	NHJ	Nausori Highlands		NPL
			NC651	NORSAR Array Site	NHIL	New Haven		NPM
			NC652	NORSAR Array Site	NHIM	Nhimo		NPN
			NC653	NORSAR Array Site	NHMM	Mt Hamilton Road		NP-NT
			NC654	NORSAR Array Site	NHNS	North Hampton		NPNT
			NC655	NORSAR Array Site	NHSA	Norfolk School		NPNY
			NC656	NORSAR Array Site	NHSC	New Hope		NPO
			NC657	NORSAR Array Site	NIA	Norfolk Island		NPNZ
			NC658	NORSAR Array Site	NIB	Nibetsu		NPR
			NC659	NORSAR Array Site	NIC	Nicosia		NPRI
			NC660	NORSAR Array Site				NPRM
			NC661	NORSAR Array Site				NPS
			NC662	NORSAR Array Site				
			NC663	NORSAR Array Site				
			NC664	NORSAR Array Site				
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			NC669	NORSAR Array Site				
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Code	Station Name	Other	NW2	New River	NWAO	OG16	Combovin	OO-	Oslo	OO-NW
NPT	Nicholson Point		NWA	Narrogin		OG17	Prunihres	OOM	Omiya	
NPZ	New Plymouth		NWAO	Narrogin (SFO)		OG18	Albannette	OO-NW	Osk	
NR-	Niobrara River	NR-NB	NWC	North Woods Club		OG19	Saint-Julien-en-Beauchene	OOS	Ooshika	
NRA	North River		NWEZ	Newall Road		OG20	Riallon	OOT	Ootomari	
NRA0	NORESS Array Site A0	NORES	NWF	Wu-fan Shan		OG21	Saint-Cripin	OOW	Octopus West	
NRA1	NORESS Array Site A1		NWL	Newcastle		OG22	Abries	OPA	Opana	
NRA2	NORESS Array Site A2		NWR	Narrow River		OG23	Tende	OPC	Olympic Penn College	
NRA3	NORESS Array Site A3		NWRM	Wright Ranch		OG24	Aussois		CREST BB SMO	
NRAU	Nora		NYA	Nyala		OG25	Le Caire	OPL	Opal Mound	
NRB1	NORESS Array Site B1		NYAM	Volcan Nyalulag		OG26	St-Nazaire-Desert	OPL0	Oploo	
NRB2	NORESS Array Site B2		NYC	Charley		OG27	Meolans	OP0	Ambohadratempo	
NRB3	NORESS Array Site B3		NYI	Volcan Nyirag		OG28	Izon-la-Bruisse	OPP	Oppenau	
NRB4	NORESS Array Site B4		NYJ	Joshua Tree		OG29	Digne	OPRZ	Ohinepanea	
NRB5	NORESS Array Site B5		NYK	Nykoping		OG30	Villeneuve d'Entraunes	OPT	Oil Point	
NRC1	NORESS Array Site C1		NYM	Climax Mine		OG32	Castellane	OR-	Orlando	OR-FL
NRC2	NORESS Array Site C2		NYNU	Nynaeshamm		OG33	Roure	OR1	Oriolo Calabro	ORI
NRC3	NORESS Array Site C3		NYR	Receiver Site		OG34	Musihges	ORA	Oran	
NRC4	NORESS Array Site C4		NYRK	Nyeri		OGA	Obergjurgl	ORAM	Rattlesnake Point	
NRC5	NORESS Array Site C5		NYS	Syncline Ridge		OGAG	Argentiere	ORB	Orbe	
NRC6	NORESS Array Site C6		NYV	Vern		OGD	Ogdensburg	ORC	Owens River	
NRC7	NORESS Array Site C7		NZB	Bigte		OGDI	Digne	ORCC	Oricopia Mountain	
NRCA	Norcia		NZJ	Naze		OGE	Oegu	ORCD	Orcadas	
NRD	Nordlingen		OO1C	Eel River		OGH	Oga	ORCV	Isla La Orchila	
NRD1	NORESS Array Site D1			Conservation Camp,		OGNE	Ogallala	ORDF	Ordliarp	
NRD2	NORESS Array Site D2			Redway		OGOM	Van Goodin Ranch	ORE	Reay	
NRD3	NORESS Array Site D3		OO2C	Red Bluff		OGRR	Ongureny	OR-FL	Orlando	
NRD4	NORESS Array Site D4		OO3C	Acorn Hollow, Los		OGS	Ogasawara	ORG	Organya	
NRD5	NORESS Array Site D5			Molinos		OGSI	Sixt	ORGA		
NRD6	NORESS Array Site D6		OO4C	Chester		OGSO	Ohio Geological	ORGV	Orgiva	
NRD7	NORESS Array Site D7		OO5C	Quincy			Survey, Columbus	ORH	Orhaniye	
NRD8	NORESS Array Site D8		OO6A	Flanigan		OGTN	Old Graveyard	ORHR	Orshnoe	
NRD9	NORESS Array Site D9		OO7A	Toulon		OGU	Ogden Bay	ORI	Oriolo Calabro	
NRDL	Niedersach Riedel		OO8A	Rochester Mine, Lovelock		OHAK	Old Harbor	ORIF	Oris-en-Rattier	
NRE0	NORESS Array Site E0		OO9A	Fish Creek Ranch,		OHC	O'Higgins	ORIO	Orleans, Innes Road,	
NRFK	Norfolk		O10A	Battle Mountain		OHCM	Honcut		Ontario	
NRGR	Neerungri			Cortez Mining		OHJ	Ohdaira	ORIV	Oritupano	
NRI	Noril'sk		O11A	Crescent City		OHK	Ohira	ORJ	Oura	
NRIK	Noril'sk		O12A	Cowboy Ranch, Jiggs		OHM	Ohlone	ORK	Orkelljunga	
NRII	Noril'sk		O13A	Currie		OHLN	Ohmichiman	ORL	Orlik	
NRIIS	Noril'sk		O15A	Hicks Ranch, Ibabah		OHO	Hoy	ORLT	Orhaneli	
NRJ	Nirehara			The Old Anderson's	OA-IS	OHR	Ohrid	ORO	Oropa	
NRK	Nurek		O16A	Place, Rush Valley		OHRN	Oohira	ORR	Orenburg	
NRL	Washington-Naval		O17A	Springville		OHS	Orange Hill	ORT	Oak Ridge	
	Research Laboratory		O18A	Robinson Place, Fruitland		OHTN	Owl Hoot	ORV	Oroville	
	North Rainier Mesa		O19A	Roosevelt		OHTR	Okhotsk	ORX	Oropa	
NRM	Naramoto			Miners Draw (BLM),		OHW	Oak Harbor	ORY	Orie	
NRME	Naramoto			Jensen		OIA	Oishiyama (A)	OSA	Osaka	
NRMH	Kita-Gairin		O20A	White River City		OIB	Oishiyama (B)	OSB	Orangeburg	
NRMS	Noranda		O21A	Pagoda		OIC	Oishiyama (C)	OSBY	Osborn	
NRN	Naryn		O6A	E Barbuda OBS		OII	Orti	OSC	Orangeburg	
NR-NB	Niobrara River		OA-	Oahu Island		OIS	Oishiyama	OSCH	Osonno	
NRN	North Reno		OA-IS	Oahu Island		OIT	Oita	OSCM	Ostuaacan	
NRS	Narsarsuaq		OAK	Oakfield		OIT2	Oita 2	OSD	Olympics--Snow Dome	
NRT	Northfield		OAQ	Quito		OIW	Oiwake	OSG	Oseberg A Platform	
NRTU	Norttaelje		OAS	Oasis		OIZ	Oio	OSGS	Os	
NRV	Nirayama		OAX	Oaxaca		OJBR	Djebel Berber	OSH	Oshima	
NRZ	Ngariki Road		OB2NV	Oak Springs Butte		OJC	Ojcow	OSHJ	Oshima	
NSAL	Nisos Salamina		OB3NV	Oak Springs Butte		OJEN	Ojen	OSI	Osito Adit	
NSC	North Stonington		OBA	Oasis-Bungera		OJGS	Djebel Guires	OSK	Osaka	
NSD	Nasudden		OB	Obsidian Butte		OJOS	Ojo de Agua	OSKI	Oschiri	
NSHM	Saint Helena Road		OBBC	Olympics--Bonidu Creek		OKA	Okayama	OSKU	Oskarshamn	
NSI	Nishizu		OB	Olympics--Burnt Hill		OKA2	Okayama 2	OSL	Oslo	
NSK	Sanguang		OBH	Olympics--Burnt Hill		OKAH	Ooka	OSLO	Ohio State	
NSKO	Neskantaga (Lansdowne House)First Nations Ontario		OBHM	Bloomer Hill		OKB	Okabe	OSM	University--Lima	
	New Salem		OB	Obihiro		OKC	Ostrava-Krasne	OSML	Ostula	
NSLM	New Salem		OBIP	Bispado Ponce		OKCD	Okmok Cone D	OSMO	Os-Marcillon	
NSP		SNT	OBK	Oberlin		OKCE	Okmok Cone E		Ohio State	
NSPM			OBKA	Obir		OKCFA	Oklahoma City	OSMT	Osmaniyeh	
NSS	Namsos		OBL	Djebel Bou letas		OKCSW	OKLAHOMA CITY ARRAY SWEETHEART OKLAHOMA	OSNY	Ossining	
NST	Nakhon Sawan		OBLS	Ulan Bator			USA	OSP	Olympics--Sooes Peak	
NSTT	Nanjuang		OBM	Obninsk		OKER	East Rim	OSPF	L'Ospedale	
NSU	North Stansbury		OB	Obock		OKFG	Magazine Ridge	OSR	Olympics--Salmon Ridge	
NSW	Nakanosawa		OB-NV	Oak Springs Butte		OKG	Oak Grove	OSS	Ova Spin	
NSY	Sanyi		OB	Obok		OKGL	Djebel Kef Guellal	OSSF	Osses	
NT-		NT-NV	OB	Obok		OKH	Okha	OSSF	Ossora	
NT13	Thirsty		OB	Oberbr		OKI	Okjiuku	OST	Stonsay	
NT2		NT2NV	OB	Ocean Bottom		OKJL	Djebel Kodjel	OSTM	Stimpson Lane	
NT2NV	Nevada Test Site		OB	Seismometer		OKL	Od Khalfella	OSTU	Oestervaaia	
NTA	Nevada Test Site Array		OC2	Ocos 2		OKN	Oknu	OSUM	Sutter Buttes	
NTBM	Tomales Bay		OCA	Owens Crossroads		OKP	Ookiep	OSV	Paramo de la Osa	
NTB	Nordman		OCAC	Ocana		OKS	Okushiri	OSWG	Oswego	
NTI	Nunatak		OCF	Saint Nazaire		OKTD	Tabubil	OT2	Othello	
NTK	Nunatak		OCG	Ocos		OKY	Okuyama	OT3	Othello 3	
NTMM	Taylor Mountain		OCGM	Cohasset Ridge		OLB	Olbia	OTAV	Otavaio	
NT-NV	Nevada Test Site		OCHR	Omchak		OLC	Olema	OTAZ	Ota	
NTP	Nathian		OCLP	Ormoc		OLCH	Olmue	OTBM	Table Mountain	
NTPM	Mount Tamalpais		OCM	Ochomogo		OLEF	Ile d'Oleron	OTH	Othello	
NTS	Ninotsminda		OCN	Over Castle Rock		OLF	Olofstrom	OTI	Oti	
NTV	Nha Trang		OC	Oklahoma City		OLG	Olintepeque	OTK	Orto-Tokoy	
NTYM	Taylor		OCR	O'Connell Ranch		OLGA	Olinga	OTL	Oterleek	
NUB			OCU	OCUMARITO		OLHC	Oulhaca	OTLM	Tiemcnen	
NUE	Niue		OCWA	Octopus Mountain		OLIL	Olney	OTO	Tongue	
NUK	Nuku'alofa		OD2	Odessa Site #2		OLK	Olkaria	OTP	Otepa	
NUKS	Nukus		ODAN	Odare		OLL	Ollague	OTPR	Odiangan	
NUM	Numazu		ODB	Odobesti		OLLA	Las Ollas	OTR	Olympics--Tyeeg Ridge	
NUMN	Nunug Camp, NU		ODD	Odda		OLO	Oologah	OTRO	Otter Rapids	
NUR	Nurmija@14rvi		ODD1	Odda		OLQ	Olympics--Lake Quinault	OTRP	Otdiangan	
NURP	Nurpur		ODJA	Bouhanifia		OLT	Olot	OTSS	Djebel Tessala	
NUT	Nurata		ODK	Oud Koma		OLW	Olympia	OTT	Ottawa	
NUXM	Nuxco		ODNJ	Ogdensburg		OLWK	Olkaria West	OTVZ	Oturere	
NV01	Mina Array Site 1		ODS	Odessa		OLY	Olyphant	OTW	Orongorong Tunnel	
NV02	Mina Array Site 2		ODSE	Onioshidashi		OLYC	Mount Olympus	OTZ	Ortiz Mountain	
NV03	Mina Array Site 3		ODZ	Otahua Downs		OMA	Omae zaki	OUA	Ouanaham	
NV04	Mina Array Site 4		OFA	Oficina Alemania		OMCO	Orchard Mesa	QUAO	Ohio University	
NV05	Mina Array Site 5		OFB	Ocean Falls		OME	Ometepe	OUJ	Oujda	
NV06	Mina Array Site 6		OFBG	Offenburg		OMET	Metahra	OUK	Oukaimeden	
NV07	Mina Array Site 7		OFD	Oued Fodda		OMID	Djebel Midouna	OUL	Oulu	
NV08	Mina Array Site 8		OFFI	Offida		OMJ	Ohmine	OUR	Ouranopolis	
NV09	Mina Array Site 9		OFK	Olympics--Forks		OMM	Old Mammoth Mine	OUT	Outlet	
NV1	North Anna 1		OFRI	'Ofen		OMP	Cagayan Oro	OUZ	Omahuta	
NV10	Mina Array Site 10		OFU	Ofunato		OMS	Omsukchan	OV1	Vesuviano	OVO
NV11	Mina Array Sites 11 and 31		OFUJ	Ofunato		OMW	Omak	OVA	Ovalau	
NV2	North Anna 2		OG01	Vacheresse		OMWY	Oxenhope Moor	OVCH	Ovalle	
NV3	North Anna 3		OG02	Monnetier-Mornex		OMZ	Oamaru	OVE	Overton	
NV32	Mina Array Site 32		OG03	Samoens		ON2	Olympics--North River	OVH	Oceanview Est	
NV33	Mina Array Site 33		OG04	La Clusaz		ONA	Onahama	OVMT	Ovando	
NV4	North Anna 4		OG05	Jurieux		ONAJ	Iwakimizuishiyama	OVO	Vesuviano	
NV5	North Anna 5		OG06	Moye		ONCR	Oncesti	OWA	Wase	
NV6	North Anna 6		OG07	Sainte-Reine		ONE	Onerahi	OWAM	Wyandotte	OWYM
NV7	North Anna 7		OG08	Commele		ONF	Office Forests	OWE	Westray	
NVAR	Mina Array Beam Reference Point		OG09	Saint-Thibaud-de-Couz		ONG	Ongoro	OWUT	Old Woman Plateau	
NVBH	Bath Hotel, Nevis		OG10	Saint-Etienne-de-Cuines		ONH	Oakhill	OWYM	Wyandotte	
NVL	N'lazarevskaya		OG11	Montagny		ONJ	Oni	OXD	Oxford	
NVLJ	Novalja		OG12	Villaroger		ONR	Olympics--North River	OXF	Oxford	
NVR	Nevrokopi		OG13	Choranche		ONRN	Onoumea	OXM	Oxtotitlan	
NVRH	Round Hill, Nevis		OG14	Saint-Maurice-en-Valgodemard		ONTR	Ontario (NY)	OXMT	Ox Mountain	
NVS	Novosibirsk		OG15	Briangon				OXO	Oaxaca	
NVSS	Nova Varos 2							OYM	Oyama	
								OYT	Oya 1	

Code	Station Name	Other	PBRM	Bassetti Ranch	PEB5	opavlovsk-Kamchatskiy	PICO	Pico
OYT2	Oya 2		PBS	Pigeon Bay	PEB5	kiy Array Site B5	PICS	Picacho
OZB	Mount Ozzard		PBSI	Pulau Batu	PEBM	Pemiscott Bayou	PID	Ribeirinha
OZC	Ocozocoautla		PB-TN	Parsons	PEC	Perris	PIE	Pietermaritzburg
OZE	Ozernaya		PBU	Perry Basin	PECO	Prince Edward County	PIED	Piedade
OZUR			PBV	Petersburg	PECR	Pechory	PIEI	Piei
P01C	Double 8 Ranch, Willits		PBVM	Pinon	PECU	Ecuador Network	PIG	Pigeon Point
P05C	Yuba Gap, Truckee		PBWM	Bitterwater Creek	PED	Pedro Cerda	PII	Pila
P06A	Stead Airport, Stead		PBX	Punta Banda	PEG	Perugia	PIL	Pilar
P07A	Fallon		PBYM	Bryson	PEH	Beithei	PIM	Presa Infiernillo
P08A	Dixie Valley		PC-	Picayune	PEI	Peine	PIMB	Pitt Meadows
P09A	Austin		PCA	Pinnacle	PEJK	PEC	PIN	Pinedale
P10A	Eureka		PCA1	Carrot	PEK	Beijing	PINA	Piga, Costa Abajo de
P11A	Circle Ranch, Eureka		PCAB	Cabrill	PEL	Peledhue	COLN	Colson
P12A	McGill		PCAM	Castle Mt.	PEM	Pine Mountain	PINB	Pinarbasi
P13A	Bates Ranch, Gandy		PCAN	Candelaria	PEMC	Merrill Creek	PINC	Pinares de Mayari
P14A	Drum Mountains (BLM), Topaz		PCB	Port Clements	PEMO	Pembroke	PINI	Pine Creek
P15A	Leamington		PCBI	Pancar Batu	PEN	Pensacola	PINM	Pinnacle
P16A	Fountain Green		PCBR	Castelo Branco	PENC	Penc	PINO	Pino
P17A	Butcher Ranch, Price		PCC	Pilarcitos Creek	PENI	Pendagan	PINOR	Pine Mountain
P18A	Preston Nutter Ranch, Sunnyside		PCDR	Punta Cana, DR	PENM	Chiapas	PINP	Pinatubo--East Slope
P19A	Cripple Cowboy Ranch, Baxter Pass		PCED	Cedros	PENMO	Penman	PINR	Pinar
P20A	De Beque		PCEP	Pierce County East Precinct	PEO	Puerto Escondido	PINU	Pond Inlet
P21A	Newcastle		PCF	Pomona	PEP	Pantabangan	PIO	Pinotepa
P22A	Kohler Place, Littleton		PCFR	Pierce County Firing Range	PER	Perth	PIOH	Piqua
P24A	Willow Gulch Bison Ranch, Deer Trail		PCG	Pacaya	PERF	Col du Perthus	PIP	Pasuquin
P25A	Sandy Floe Quarry		PCGM	Cerro Alto Campground	PERL	Pearl BPA Site DOGAMI SMO	PIPA	Pietrapaola
P403	Panguana		PCH	Pirque	PERS	Pernice	PIR	Pirmasens
PA00	P'arak'ar		PCHF	Pas de la Coche	PERT	Persembe	PIS	Pisa
PA01	San Pablo		PCHP	Portachuelo	PES	Peshawar	PISA	Pisayambo
PA02	Palo Alto--Branner		PCI	Palu	PES2	opavlovsk-Kamchatskiy kiy Array site S2	PIT	Pittsburgh
PA03	Papudo		PCID	Pole Creek	PESA	Pesaro	PITA	Cotopaxi Volc (N)
PA04	Pancar Gunung		PCJ	Portland Cottage	PESTR	Estremoz	PIU	Plute Mountains
PA05	Pacheco Peak		PCJI	Pacitan	PET	Petropavlovsk	PIV	Piva
PA06	Alcochete		PCL	Pacheco Lake	PETE	Peter Faust Dam	PIVM	Indian Valley
PA07	Pacific Creek		PCM	Pelee Case Petit	PETK	opavlovsk-Kamchatskiy kiy Array site P	PI-WY	Pinedale
PA08	Padua		PCMD	Pierce County Mountain Detachment	PETR	Pleasant Valley	PJ-D	Pensacola Junior College
PA09	Adeladia		PC-MS	Picayune	PEV	Pleasant Valley	PJG	Potts Junction
PA10	Paea		PCMT	Pistol Creek	PEVW	Pineville	PJL	Jolan Road
PA11	Port-aux-Francais		PCN	Piacenza	PEX	Puerto Escondido	PJ-PA	Pottstown
PA12	Le Parnasse		PCND	Candelaria	PF-	Pickford	PJRM	Jolon Road
PA13	Antelope Grade		PCNE	Platte Center	PFV	Pierce Ferry	PK-	Pilot Rock
PA14	Pagan		PCNG	Congro	PFAD	Fenais da Ajuda	PK1	Gold Hill
PA15	Pagan Volcano		PCO	Ponca City	PFVAV	Pico das Favas	PK2	Work Ranch
PA16	Pagadian		PCOI	Coimbra	PFB	Port Renfrew	PK3	Taylor Ranch
PA17	Pahoa		PCOU	Corrie	PFBV	Barranco	PKA	Pieska
PA18	Pah Rah Range		PCP	Pian Castagno	PFET	Feteiras	PKC	Peckham Road
PA19	Paneikiriri		PCPH	Palayan	FFFO	Foia	PKD	Parkfield
PA20	P Aileron		PCR	La Plaine Cafres	PFH	Pahoa Fire House	PKD1	Parkfield
PA21	Paliouri		PCRM	Curry Mountain	PFMC	Merrill Creek	PKE	Pukeiti
PA22	Port Antonio		PCRV	Puerto La Cruz	PFMF	Monte Figo	PKEM	Kettleman Hills
PA23	Pajala		PCRZ	Pico da Cruz	PFMI	Pickford	PKF	Parkfield Array
PA24	Pari Array Site 0		PCS	Paracas	PFO	Pinyon Flat Observatory	PKH	Park Hill
PA25	Paducah		PCT	Pak Chong	PFPE	Pera	PKI	Pulchoki
PA26	Palisades		PCU	Price	PFPS	Sao Bartolomeu	PKIN	Phulchoki
PA27	Palora		PCVE	Castro Verde	PFSC	Santa Clara	PKK	Porkkala
PA28	Palub		PCY	Pole Canyon	PFV1	Vila Bisbo	PKKY	Potato Knob
PA29	Alcoutim		PCYT	Pengchaiyu	PG-	Prince George	PKL	Puu Kaiu
PA30	Pallekele		PD-	Princeton	PG2BC	Prince George	PKLO	Pickle Lake
PA31	Palmital		PD01	Pinedale Array Site 1	PGAZ	Paragould	PKM	Peak Mountain
PA32	Palomo		PD02	Pinedale Array Site 2	PGBAU	Baubata	PKME	Peaks-Kenny Pk
PA33	Palanan		PD03	Pinedale Array Site 3	PGB	Panagyurishte	PKN	Parkers Pond
PA34	Palma Real		PD04	Pinedale Array Site 4	PGBU	Glenifferbraes	PKNC	Pores Knob
PA35	Palau		PD05	Pinedale Array Site 5	PGC	Sidney	PKNY	Stone Ridge
PA36	Tres Palos		PD06	Boulder Array	PGD	Poggio Sodo	PKO	Pickens
PA37	Palazzo San Gervasio		PD07	Pinedale Array Site 7	PGE	Panamint Range	PK-OR	Pilot Rock
PA38	Palermo		PD08	Pinedale Array Site 8	PGF	Pioggiola	PKR	Le Roux Dam
PA39	Santo Amaro		PD09	Pinedale Array Site 9	PGHM	Gold Hill	PKRO	Pickering
PA40	Morne Pavillon		PD10	Pinedale Array Site 10	PGKAI	Kaiamu	PKS2	Kecel
PA41	Panimavida		PD11	Pinedale Array Site 11	PGM	Pleasant Grove	PKS6	Bocsa
PA42	Andorre		PD12	Pinedale Array Site 12	PGMAR	Marapu	PKS7	Kunszentmiklos
PA43	Panarotta		PD13	Pinedale Array Site 13	PGO	Gresham	PKS8	Sarbogard
PA44	Princeton		PD31	Pinedale Array Site 31	PGOR	Puerto del Gallo	PKS9	Tamas
PA45	San Antonio Reservoir		PDA	Ponta Delgada	PGRA	Graciosa	PKSC	Csakvar
PA46	Panamint Range		PDAR	Pinedale Array Beam	PGS	Pagosa Springs	PKSG	
PA47	Baotou	BTO	PDB	Piedra do Cavalo	PGH	Guadaloupe-2	PKSM	Moragy
PA48	Pandan		PD-BC	Princeton	PGI	Pogonovo	PKSN	Nyarlorinc
PA49	Alder Peak		PDC	Pieve di Cadore	PGM	Pogonovo	PKT	Phuket
PA50	Paris		PDCR	Pedra do Cavalo	PGN	Pogonovo	PKVZ	Pokaka
PA51	Parapanda		PDD	Puy-de-Dome	PGO	Pogonovo	PLA	Palau
PA52	Paraibuna		PDDM	Pindari Dam	PGS	Pagosa Springs	PLAC	Placanica
PA53	Parchiule		PDEM	Puerto del Eden	PGV	Portageville	PLAL	Pickwick Lake
PA54	Parod		PDG	Podgorica	PGW	Port Gamble	PLAT	Plata
PA55	Anticline Ridge		PDGT	Podgornoye	PGWM	Grace West	PLAV	Platillon
PA56	Parma		PDI	Panda Hill	PGX	Piedras Gordas	PLAZ	
PA57	Parnadana		PDIAR	Porto d'Ischia	PH2NV	Pahute Mesa Site	PLBC	Pleasant Camp
PA58	Paradise		PDIAR	Pinedale Infrasonic Array Beam Reference Point	PH3NV	Pahute Mesa Site	PLC	Palomares Road
PA59	Garmisch-Partenkirchen		PDK	Podkova	PH4NV	Pahute Mesa Site	PLCA	Paso Flores
PA60	Pariaguan		PDKS	Podkum	PHI	Philadelphia	PLCV	Puerto La Cruz
PA61	Papamoa		PDMC	Merrill Creek	PHM	Harian Ranch	PLD	Plovdiv
PA62	Pasadena		PDMCI	Parker Dam, Lake Havasu City	PHN	Paralimni	PLDF	La Plantade
PA63	Pasadena Art Cn		PDMV	Paramo Marino	PHNV	Pahute Mesa Site	PLE	Pljevlja
PA64	Minerbio--Passere		PDP	Pandan	PHO	Puu Honuula	PLEC	Pleito Hills
PA65	Pasiripis		PDRG	Pedrog??o	PHP	Peshkopia	PLG	Polygyros
PA66	Patras		PDRM	Domengine Ranch	PHR	Hernandez Valley	PLH	Pulheim
PA67	Patacocha		PDSI	Padang	PHSA	Palmer High School	PLI	Panarea
PA68	Pohnpei		PDTN	Piedmont	PHUB	P'eng-hu	PLI2	Pozzilli
PA69	Pateron		PDUI	Pindiu	PHW	Phalaborwa	PLIG	Platanillo
PA70	Paeroa		PDY	Peleduy	PHY	Phalaborwa	PLIO	Pelee Island, Stone
PA71	Pauzhetka		PDY31	Peleduy Array Site 31	PHY1	Pilot Hill	PLKI	Palangkaraya
PA72	EL PAUJUM		PDYAR	Peleduy Array Beam Reference Point	PHYB	Yellowpoint	PLL	Puu Ulaula
PA73	Paruwai Farm		PE-	Pineville	PI-	Pinedale	PLLN	Pollina
PA74	Paxson		PE1	Pezze di Greco (BR)	PI1	Pinedale	PLM	Palomar
PA75	Chiapas		PEA	Pea Ridge	PI2	Pinedale	PLMI	Pala-Maneri
PA76	Puerto Ayora		PEA0	opavlovsk-Kamchatskiy kiy Array Site A0	PI2WY	Pinedale	PLML	Palmela
PA77	Puyallup School		PEA0B	opavlovsk-Kamchatskiy kiy Array site AOB	PI3	Pinedale	PLMR	Palmer
PA78	ANSS-SMO		PEA1	opavlovsk-Kamchatskiy kiy Array Site A1	PI4	Pinedale	PLN	Plauen
PA79	Puerto Azul		PEA2	opavlovsk-Kamchatskiy kiy Array Site A2	PI5	Pinedale	PLO	Pochutla
PA80	Parsons		PEA3	opavlovsk-Kamchatskiy kiy Array Site A3	PI6	Pinedale	PLOM	Lone Oak Road
PA81	Port Blair		PEB	Petersburg	PI7	Pinedale	PLONS	Plons
PA82	Barrancos		PEB1	opavlovsk-Kamchatskiy kiy Array Site B1	PIA	Pitten	PLOR	Plostina
PA83	Punta Burica		PEB2	opavlovsk-Kamchatskiy kiy Array Site B2	PIAM	Paiam	PLOR1	Plostina Array site 1
PA84	Barranco-do-Velho		PEB3	opavlovsk-Kamchatskiy kiy Array Site B3	PIC	Picacho Peak	PLOR2	Plostina Array site 2
PA85	Beja		PEB4	opavlovsk-Kamchatskiy kiy Array Site B4	PICA	Picada	PLOR3	Plostina Array site 3
PA86	Porcher Bluff				PICH	Pichilemu	PLOR4	Plostina Array site 4
PA87	Petersburg						PLOU	Loures
PA88	Bischoits						PLP	Palo
PA89	Presa Benito Juarez						PLR	Palermo
PA90	Pangkalan Bun						PLRM	Palmer USGS
PA91	Poplar Bluff						PLRO	Paularo
PA92	Pico dos Bois						PLS	Point Lisas
PA93	Poste Baleine						PLT	Pilot Knob
PA94	Braganca						PLU	Palu
PA95							PLUM	Mont Dore
PA96							PLUZ	Luz
PA97							PLV	Phu-Lien
PA98							PLVA	Point Lookout
PA99							PLVO	Plevna
PA100							PLWZ	Palliser

Code	Station Name	Other							
PLY	Plymouth		PP10	Ancon	PSSC	Serra do Socorro	PWL	Port Wells	
PM-	Pole Mt.	PM-WY	PP16	Cajamarca	PST	Pasture Canyon	PWLA	Pickwick Lake	
PMA	Port Moller		PP1B	Fonte de Pedra	PSTM	Stockdale Mountain	PWM	Pinawa	
PMAFR	Mafra		PPA	Pie de Palo	PSUR	Point Sur Hydrophone	PWMM	Westland Maintenance Station	
PMAN	Mandas		PPAD	Pico dos Padres	PSV	Pishtovo			
PMAR	Madeira		PPB	Philisteinsche Polder	PSZ	Piszkesteto	PWP	Barrio Florida	
PMAT	Coroa da Mata		PPBI	Pangkal Pinang	PT-	Pendleton	PWS	Pulau-Weh	
PMB	Pemberton		PPC	Pine Pass	PT01	Morro Solar	PWTG	Paul Wright Trailer	
PMBI	Palembang		PPCY	Paphos	PT02	Quilmana	PWV	Princeton	
PMC	Poorman Mine		PPD	Presidente	PT03	Guadalupe	PWZ	Pawanui	
PMCB	Calebasse		PPE	Popeni	PT04	Zamaca	PX-	Philippi	PX-WV
PMCH	Puerto Montt		PPFM	Parkfield Array	PT05	Jicamarca	PXO	Oaxaca	
PMCM	McMillan Canyon		PPH	Pasian Peak	PT06	Pisco	PX-WV	Philippi	
PME	Palmer East		PPHYL	Hylton High School	PT08	Suche	PXZ	Pawanui	
PMG	Port Moresby		PPI	Padang Panjang	PT09	Santa Fe	PY-	Payson	PY-AZ
PMGM	Santa Margarita		PPK	Piper Mountain	PT10	Camacho	PYA	Pyatigorsk	
PMGR	Mogosoia		PPL	Puu Pili	PT11	Juni	PY-AZ	Payson	
PMJU	Montehunty		PPLA	Purkeypile	PT18	Porculla	PYF	Esparrros	EPF
PMK	Pointe Molloy		PPLM	Point Pleasant	PT2	Point Dume	PYL	PYLOS	
PML	Morne Lenard		PPM	Popocatepetl	PT20	Maychil	PYM	Petit Puy Manson	
PMM	Presa Malpaso		PP-MN	Pipestone	PT21	Montanita	PYN	Poneloya	
PMMC	Merrill Creek		PPN	Papeno	PTA	Punta Arenas	PYO	Pyeongang	
PMN	Pahute Mesa		PPNM	Papanoa	PTB	Point Barrow	PYR	Pyramid	
PMO	Pomariorio		PPNO	Prainha do Norte	PTC	Porto Cannone	PYT	Playitas	
PMOR	Pomariorio Reef		PPOM	Papayo	PTCA	Ponta do Capelo	PYTN	Playitas	
PMP	Pompeii		PPR	Puerto Princesa	PTCC	Potocco-Chiusaforte	PYUN	Pluthan	
PMPM	Monarch Peak	MOP	PPRM	Paso Robles	PTCH	Petorca	PYZ	Puysegur Point	
PMPST	Porto Santo		PPS	Pierpont	PTCN	Pitcairn Island	PZ-	Ponce	PZ-PR
PMR	Palmer		PPSA	Petersburg Public Schools	PTCO	Port Colborne	PZAR	Pazar-Rize	
PMRM	Maxey Ranch		PPSI	Pulau Pagai	PTCR	Potenciana	PZC	Pizona Creek	
PMRV	Marv??o		PPT	Papeete	PTD	Portland	PZCI	Patelzick Creek	
PMS	Palmer South		PPTM	Peach Tree Valley	PTE	Portage	PZF	Pozza Ferrara	
PMSA	Palmer Station		PPU	Promontory Point	PTEI	Pico do Teixo		Ferrara di Monte Baldo (VR)	
PMST	Lisbon--Monsanto		PPZ	Puysegur Point	PTEO	Sao Teotonio		Palazzolo	
PMSU	Muirshiel		PQ0	Cooper Hill	PTG	Portageville	PZI	Ponca	
PMT	Pine Mountain		PQ1	East Ridge	PTGA	Pitinga	PZ-PR	Ponca	
PMV	Pico Espejo		PQI	Presque Isle	PTH	Pithoragarh	PZUN	Potenza	
PMW	Pole Mountain		PQ-ID	Preston	PTI	Pocatello Creek	PZX	Pozza Rica	
PM-WY	Pole Mountain		PQL	Pirkuli	PTJ	Puntjarka	PZZ	Prazzo	
PN-	Pine Creek	PN-OR	PQN	Pahaquarry	PTK	Perlek	PZZT	Monte Pizzetto	
PN1	Presa Penitas 1		PR-	Palmyra I.	PTL	Pentel	Q03C	Winters	
PN2	Presa Penitas 2		PR1R	Pomanovo	PTM	Pontianak	Q04C	Lincoln	
PN3	Presa Penitas 3		PRA	Prague	PTMB	Pentel	Q07A	Schurz	
PN4	Presa Penitas 4		PRAC	Prado	PTN	Pietermaritzburg	Q08A	Gabbs	
PN6	Pavlof North-6		PRAF	Pradon	PTNS	Porto Murinho	Q09A	Carvers	
PN7A	Pavlof North-7A		PRAV	El Prado	PTO	Potsdam (NY)	Q10A	Clear Creek Ranch, Tonopah	
PNA	Partacoona		PRC	Point Reyes	PTOM	Porto	Q11A	Duckwater	
PNB	Pomio		PRCH	Ribeira Ch	PT-OR	Pendleton	Q12A	Willow Creek Ranch, Ely	
PNBI	Panbari		PRCM	Roach Canyon	PTP	Ponta Puerca	Q13A	Wheeler Ranch, Garrison	
PNC	Pine Canyon		PRD	Provadia	PTQ	Petroterminal	Q14A	Sevier Lake (BLM), Delta	
PNG	Penghu		PRE	Pretoria	PTP1	Pietraquaria	Q15A	Fillmore	
PNH	Pitcher Mountain		PRF	Porvoo	PTQR	Peterson	Q16A	Castle Valley Ranch, Emery	
PNHZ	Pukenui		PRG	Perugia	PTR	Peterson			
PNJ	Paterson		PRGF	Pas du Roy	PTRJ	Pietraraja	Q18A	Raffer H Ranch, Green River	
PNK	Pinkham Creek		PRGR	Permogore	PTRM	Twissleman Ranch			
PNL	Peninsula		PRGV	PARIAGUAN	PTRP	Pietrapertosa	Q19A	Hogan Spring (BLM), Cisco	
PNLK	Pine Lake Middle School		PRGZ	Paritu Road	PTS	Pantelleria	Q20A	Ridgley Place, Grand Junction	
PNMC	Pinto Mountains		PRHZ	Porangahau	PTT	Piatra Neamt			
PNN	Pinnacle Mountain		PRI	Priest	PTU	Portage	Q21A	Lamborn Mesa, Paonia	
PNO	Pendleton		PRIN	Princeton	PTV	Peach Tree Valley	Q22A	Crested Butte, Gunnison	
PN-OR	Pine Creek		PR-IS	Palmyra Island	PTVM	Pico Tres Padres	Q25A	Bedland, Calhan	
PNP	Penueles		PRJ	Port Royal	PTZ	Taylor Ranch	QAD	Quadrado	
PNPO	Pukaskwa National Park		PRK	Paraskevi	PU-	Purvis	QAL	Quail Lake	
PNR	Penrod		PRL	Portalegre	PUB	Puale Bay	QAM	Qamsar	
PNS	Penas		PRLS	Prince Lake	PUCA	Punta Cana	QARV	Quebrada Arriba	
PNT	Penticton		PRM	Parsons Mountain	PUCR	Pucara	QASM	Qassim	
PNVM	Presa Marin		PRMA	PARMA	PUE	Puebla	QASN	Qassioun	
PNY	Plattsburgh		PRN	Pahroc Range	PUEX	Pudahuel	QAW	Queen Anne	
PNZ	Plattsburgh		PRNI	Paran	PUH	Pauahi	QBC	Quebec	
PO-	Post	PO-TX	PRNS	Prines Rethymno	PUJ	Puerto Jimenez	QC-	Queen Creek	
PO9	Polino	POI	PRNY	Paleo Inst,Ithaca	PUK	Puka	QCC	Queen Charlotte	
POA	Poas		PRO	Pesaro	PUL	Pulkovo	QCI	Quattro Castella	
POA2	Poas 2		PROV	Provideniya	PULI	Pulasari	QCL	Quebec	QBC
POB	Polly Butte		PRP	Porcupine Dome	PU-MS	Purvis	QCP	Quezon City	
POB1	Observatory		PRR	Perris	PUNO	Puno	QCO	Quebec	QBC
POBI	Pontebba		PRRZ	Plateau Road	PUNE	Pune	QCR	Quepos	
POBL	Monestir Poblet		PRS	Paraiso	PUP	Pupakea	QCS	Queen City Summit	
POBM	Portage Bay		PRS1	Puriscal	PUR	Purari	QEN		
POC	La Pocatiere		PRSC	Prospect	PURC	Volcan Purace	QHRO	Qairoon Hariti	
POCA	Pocatky		PRST	Prato-Toscana	PUS	Pusan	QHW	Quartz Hill	
POCR	Potenciana 2		PRT	Priterechnaya	PUSN	Pusma	QIB	Qibla Bandi	
POE	Porton East		PRTR	Pruhonce	PUT	Punta Talca	QIL1	Quilotoa	
POF	Pofadder		PRU	Porhonce	PUTN	Putnam	QIL2	Quilotoa	
POFI	Posta Fibreno		PRV	Porvoo	PUU	Plute Reservoir	QILN	Qiliuqag Exploration Camp	
POG	Pongola		PRVR	Provideniya	PUV	Pulaski			
POGA	Pongola		PRW	Prosser	PUYF	Puylobier	QIS	Mount Isa	
POGM	Potrero Grande		PRY	Parys	PUYI		QIT2	Quittos 2	
POH	Pohoiki		PRYA	Perryville	PUZ	Puketiti	QITI	Quittos	
POHA	Pohakuloa		PRYF	Perrygny	PV-	Perryville	QIZ	Qiongzong	
POHV	Veracruz		PRYS	Parys	PV01	Paradox Valley	QLMT	Earthquake Lake	
POI	Polino		PRZ	Przheval'sk	PV02	Paradox Valley	QLNO	Quiliano	
POK	Puukali		PRZA	Preza	PV03	Paradox Valley	QLNY	Queensboro Lake	
POL	Pola		PRZK	Prizren	PV04	Paradox Valley	QLP	Quilpie	
POLL	Polichno		PS1	Pesaro	PV05	Paradox Valley	QMB	Queensbury	
POLP	Polilio Island		PS1A	Pavlof South-1A	PV06	Paradox Valley	QM-NV	Quartzite Mountain	
POM	Pomona		PS4	Pavlof South-4	PV07	Paradox Valley	QMO	Quartz Mountain	
PON	Ponce		PS4A	Pavlof South-4A	PV08	Paradox Valley	QN-	Quessnel	QN-BC
PONG	Pong		PSA	Petersburg	PV09	Paradox Valley	QN-BC	Quessnel	
PONT	Poni de Suert		PSAM	San Ardo	PV10	Paradox Valley	QNR	Quinn River	
PONY	Stone Ridge		PSAN	Santo Antonio	PV15	Paradox Valley	QPS	Quepos	
POO	Poona		PSB1	Pescosannita	PV6*	Piano Vulcano	QRHJ		
POP	Popondetta		PSBA	Serra de Santa Barbara	PVAQ	Vaqueiros	QRI	Quarto	
POPB	Porto Primavera		PSC	Isla de Pascua	PV-AR	Perryville	QRN	Al-Qurain	
POPR	Popesti-Leordeni		PSCM	Serra do Cume	PVC	Port Vila	QRNJ	Al-Qirein	
POR	Portland		PSD	Pescadero	PVCC	Panska Ves	QRV	Quinn River Valley	
PORM	Chiapas		PSDMA	Soufriere	PVCP	Virac	QRZ	Quartz Range	
PORP	Portuguez		PSDMB	Cotton Hill	PVER	Pico Vermelho	QSB	Qsaybeh	
PORT	Chimborazo Volcano		PSDMZ	Portsmouth	PVF	Pernaja	QSH	Qafa e Shtames	
POS	Porton South		PSEM	See Canyon	PVIA	Vitoria	QSM	Queen of Sheba Mine	
POT	Potsdam		PSET	Sete Cidades	PVIS	Viseu	QSPA	South Pole Quiet Zone	
POTR	Potrero Hills		PSF	Port Stanley	PVL	Pavlikeni		Earth Science Observatory	
POTS	Potsdam Coll		PSG	Pto de San Jose	PVLZ	Pen@16@15n de Ve@15lez	QSR	Quien Sabe Ranch	
POTV	Potrerito		PSG2	Pto San Jose 2			QTBJ	Casr Tuba	CSTJ
PO-TX	Post		PSH	Peshawar	PVMO	Portageville	QTFJ	Qatafi	
POU	Pouilloux		PSHM	Shandon	PVNV	Vila Nova	QTN	Queenstown	
POW	Powhatan		PSI	Prapat	PVPP	Pueblo Viejo	QTO	Quito	
POWZ	Post Office Road		PSL	Pistoia	PVPS	Palos Verdes	QTOE	Estacion Edusismo	
PP-	Pipestone	PP-MN	PSMA	Palmasola	PVR	Palos Verdes	QTRJ	Qatrana	
PP02	Calachota		PSMM	Smith Mountain	PVRC	Palos Verdes	QUA	Quabbin	
PP03	Condor		PSMN	Pico do Norte, Sta. Barbara	PVRL	Vila Real	QUA2	Belchertown	
PP04	Sarmarcarca		PSN	Preselentsi	PVV	Pavlof Volcano	QUAR	Qualls	
PP05	Tocota		PSNS	PSNS Bremerton SMO	PVY	Plav	QUB	Quaba	
PP06	Puquio		PSO	Pasto	PW-	Pontiac	QUE	Quetta	
PP07	Ayacucho		PSP	Palm Springs	PWA	Palmer West	QUEM	Puengasi	
PP08	Chalhuanka		PSR	Paul Sauer Dam	PWH	Poliokaeawe Pali	QUES	Loma Quita	
PP09	Villa El Salvador		PSRM	Scobie Ranch	PW-IL	Pontiac	QUI	Quito	
			PSRV	Vialonga--Serves	PWJ	Pagerwojo	QUIF	Quistnic	
					PWKI	Work Ranch	QUIG	Queretaro	

Code	Station Name	Other	RDM	Round Mountain	RMG	Rome (USA)	RTC	Rabat Centre
QUIL	Quilotoa		RDN	Redoubt North	RMGF	Ravine Marchand	RTCB	Cerro Blanco
QUIN	Quiabu		RDO	Rodhopi	RMI	Round Mountain	RTCV	Cerro Valdivia
QUL	Quillagua		RDP	Rocca di Papa	RMI2	Roccaromana	RTK	Rohtak
QUM	Quillmana		RDS	Siegrist	RMJ	Rumoi	RTLL	Cerro Villicun
QUND	Qund		RDSS	Rosedale State School	RMN	Mount Ramon	RTLS	Leoncito
QUR	Rumpamba		RDST	Rhodes College	RMNB	Reason Mountain	RTMI	Retamim
QURS	Qurayyt al Milh		RDT	Redoubt	RMNI	Mount Ramon	RTMM	Retamin
QURY	Yakoun River		RDW	Redoubt West	RMO	Rochester (NY)	RTMQ	Marquesado
QUT	Tumbaco		RDX	Rancho Dowling	RMOA	Moar Alm	RTN	Rota
QUTJ	Qutrana		RE1	Mte Valcellina	RMP	Rome, Mte Porzio	RT-NM	Raton
QVP	Quezon City--PHIVOLCS		REAL	Reales	RMQ	Roma	RTO	Tolsta
QVPH	Quezon City--PHIVOLCS		REB	Eisghbrachaidh	RMR	Rimrock	RTPR	Patquia
QZA	Quezalapa		REC	Recreo	RMT	Round Mountain	RTQ	Roma
QZG	Quezaltepeque		RECU	Ecuador Network	RMU	Rainbow Monument	RTR	El Retiro
QZH	Quanzhou		RED	Redoubt Volcano	RMW	Rattlesnake Mountain	RTRS	Rodeo
QZN	Quanzhou	QZH	REDP	Redondo Peak	RMX	La Rumorosa	RTUL	Rataul
QZO	Quartz Mountain State Park		REDW	Red Top Meadow	RN-	Rainelle	RTV	Rentapao
R04C	Big Horse Ranch, Ione		REF	Redoubt East Flank	RNC	Little Raleigh	RTY	Rotoiti
R05C	Kirkwood Meadows		REG	Rock Eagle	RND	Reindeer	RUB	Prince Rupert
R06C	Coleville		REG*	Regar	RNDA	Aranda	RUBB	Prince Rupert
R07C	Lee Vining		REI	Reidvoe	RNF	Rovaniemi	RUDS	Rudovci
R08A	Mina		REK	Reed	RNHA	Neuhaus	RUDU	Rundu
R09A	Tonopah		REL	Relizane	RNI	Roncone	RUE	Ruedersdorf
R10A	Warm Springs		RELT	Reollen	RNI2	Rionero Sannitico	RUM	Rumangabo
R11A	Troy Canyon, Currant		REM	Remote	RNO	Roman Nose	RUMJ	Er Ruffman
R12A	Pony Springs, Pioche		REMR	Mount	RNON	Nonn-Bad Reichenhall	RUN	Ruthven
R13A	O'Grain Ranch, Modena			Rainier--Emerald Ridge	RN-WV	Rainelle	RUN2	Runtun
R14A	James Farms, Milford		REMW	Rembrandt	RNYS	Ranyah	RUN3	Runtun 3
R15A	Junction		REN	Reno	ROA	Roan Cliffs	RUN5	Runtun
R16A	Teasdale		RENF	Rennes	ROB	Roburent	RUND	Rundenannen
R17A	Hanksville Airport, Hanksville		REY	Riviere de l'Est	ROBI	Boca de Chavon	RUP	Ruppelstein
R18A	Canyonlands National Park, Moab		RES	Resolute Bay	ROBS	Robic @ 19	RUS	Russkaya
R19A	Curley Farm, La Sal		RESF	Ens	ROC	Rochester	RUSC	La Rusia
R20A	Redvale		RESI	Resinera	ROCE	Novi Di Modena	RUSF	Rustrel
R21A	Cimarron		RESU	Resuttano	ROCH	El Roble	RUSM	Rushworth
R22A	Saguache, Gunnison		RETA	Reutte	ROD	Rodman Mountain	RUT	Ruth
R24A	Sanders Place, Florence		RETU	Refugio	RODG	Roetgen-Dahlheim	RUTI	Ruteng
R25A	Fountain Ranch, Boone		REU	Reunion Island	ROF	Roppe	RUV	Rauvai
RAB	Rabaul		REV	Rev-Rev Volc	ROG	Rognes	RUWJ	Ruwelid
RABH	Abou Rabah		REVF	Revere	ROH	Rohtak	RUZ	Raurimu
RAC	Raciborz		REX	Rexburg	ROHR	Rohrbach	RVAZ	Riverhead Borehole
RADA	Ahram - Rada'a city		REY	Reykjavik	ROI	Rossano	RVC	Mount Rainier--Voight Creek
RAEZ	Rainy Point		REYF	Montagne du Rey	ROIA	ROIAK		
RAF	Rauma		REYT	Reyhanli	ROKM	Rocklands Reservoir	RVCM	Rose Valley Central
RAFF	Raffo Rosso		RFA	San Rafael	ROKY	Rotten Point	RVE	Reveille Range
RAG	Roghun		RFDD	Rafsanjan	ROL	Rolla	RVi2	Rocchetta Volt
RAGM	Ragged Mountain		RFI	Roccamonfina	ROM	Rome	RVM	Rio Vista Mine
RAHZ	Arahi	RG-SD	RFM	Reservoir Flats	ROM9	Roma	RVR	Riverside
RAI	Raspberry Island		RFO	Forsnaval	ROMN	Roman Lake	RVS	Riverside Mountains
RAIO	Rainier		RFSB	Richmond Field	RON	Remote	RVUT	Riverside
RAK	Rakhov		RFVM	Rio Frio	ROOS	ti_alroos	RVVM	Revivim
RAL	Rabalanakaia		RFYF	Reffroy	RORO		RWW	Rose Valley
RALT	Raleigh		RG-	Redig	RORSS	Ber_school_1	RW1	Ridgway
RAM	Raman		RGA	Parga	ROS	Roseneath	RW2	Ridgway
RAMA	Ramapo Mountain		RGC	Rangely	ROSA	Rosais	RW3	Ridgway
RAMN	Ramite		RGD	Ragged Mountain	ROSC	El Rosal	RW4	Ridgway
RAMR	Ramage Ranch		RGN	Rugen	ROSF	Rostrenen	RW5	Ridgway
RAMW	Rammel Mountain		RGNG	Rignano Grg	ROSI	Roskopf	RW6	Ridgway
RAN	Rangoon		RGR	Regar	ROSS	Ross	RWMO	Wildenmoos
RANB	Rancho Bola		RGR	Regar	ROT	Rotorua	RWW	Raney Well
RANI	Rangndo		RGR1	Rengat	ROTD	Rotterdam (NY)	RWWY	Rawlins
RAO	Raoul Island		RGRS	Roger Stewart	ROTU	Roteberg	RXF	Rexford
RAP	Rapidink		RGS	Rognes	ROTZ	Rotzenmuhle	RY-	Ryder
RAR	Rarotonga		RG-SD	Redig	ROU	Rougiers	RYB	Rybach'ye
RAT	Rat Island	ARG	RGZ	Rangipo	ROUQ	Riviere-Ouelle	RYD	Riyadh
RAT1	Rata		RHA	Reichold	ROVE	Rovereto Di Novi	RYDS	Riyadh
RATZ	Rangitukua		RHAM	Hammer	ROW	Rowesville	RYN	Ryan
RAV	Ravensburg		RHAZ	Hazelwood Elementary School	ROWM	Rowsley	RY-ND	Ryder
RAVA	Ravarino		RHD	Arkangelos	ROX	Roxburgh	RY5	Reyes Peak
RAW	Raver		RHJ	Red Hills	ROYM	Rob Roy	RZN	Rozhen
RAY	Raywood Flat		RHK1	Bakonya	RPA	Roopena	S04C	Ingram Canyon, Westley
RAYN	Ar Rayn		RHK2	Bata	RPF	Rose Park Fire Station, Salt Lake City, UT	S05C	Merced
RBA	Rabat		RHK3	Tenkes	RPK	Roosevelt	S06C	San Francisco Camp Mather, Mather
RBAR	Bucharest-INCERC-Test Bldg		RHM	Rio Hardy	RPM	Rheinpreussen Mine	S08C	White Mtn Res Sta-Crooked Creek, Bishop
RBC	Rio Blanco		RH-NV	Rawhide Mountain	RPN	Rapa Nui	S09A	Goldfield
RBDL	Robledal		RHO	Rhodes	RPSI	Rantau Prapat	S10A	Tonopah Range, Tonopah
RBEN	Benson Hill Elementary School		RHP	Rhoboro Hills	RPT	Raluana Point	S11A	Rachel
RBH	Right Bank House--Pihur		RHT	Red Hill	RPV	Rancho Palos Verdes	S12A	Delamar Landing Field, Caliente
RBK	Rabkut		RHU	Roosevelt Hot Springs	RPW	Rockport	S13A	Holt Ranch, Enterprise
RBL	Raibl		RIA	Ribeira da Areia	RPZ	Rata Peaks	S14A	Cedar City
RBN	Rybnik		RIA0	Ribeira da Areia	RRD	Roosevelt Roads	S15A	Panguitch
RBNC	Richland Balsam		RIB	Ribeirinha	RRH	Rhenigdale	S16A	Weppner Ranch, Escalante
RBO	Rocky Butte		RIB2	Ribeirinha	RRHS	Rochester High School	S17A	Black Ridge (BLM), Bullfrog Basin
RBSI	Rajabasa		RIC	Richmond	RRI	Red Ridge	S18A	Hurst Farm, Blanding
RBU	Red Butte Canyon		RICH	Rich Mountain	RRI2	Red Ridge	S19A	Harvey Farm, Monticello
RBV	Rainbow Mountain		RIFB	Rifaina	RRL	Cesana Torinese	S21A	Coal Bank Pass, Durango
RBZ	Rabat Zaers		RII	Riito	RRO	Red Rock Canyon	S22A	4UR Ranch, Creede
RC01	Rabbit Creek Array Site 1		RIM	Rim	RRP	Roosevelt Roads	S23A	Nye Farm, Monte Vista
RC1	Royal City		RIMQ	Rimouski	RRR	Rubha Reidh	S24A	Houchin Ranch, La Veta
RCBR	Riachuelo		RI-MS	Richton	RRX	Edison Barstow Service Cntr	S25A	Robets Cordova Ranch, Walsenberg
RCC	Rio Carpintero		RIN	Volcan Rincon	RS-	Russell Springs	SA-	Seneca
RCD	Rapid City		RIN2	Volcan Rincon	RS1	Redoubt South 1	SA2	San Angelo
RCDM	Rinconada Maipu		RIN3	Volcan Rincon	RS2	Redoubt South 2	SA2TX	San Angelo
RCG	Rock City		RIO	Rio Grant	RSB	Sarsar	SA4	San Angelo
RCH	Reche Mountain		RIOB	Rio Branco	RSC	Scourie	SA4TX	San Angelo
RCHB	Rochefort		RIOE	Riobamba	RSCM	Risco	SA4TX	San Angelo
RCI	Reggio Calabria		RIOE1	Riobamba	RSCP	Cumberland Plateau	SA4TX	San Angelo
RCJ	Ross Creek		RIOV	Rio Grande	RSD	Rainshed	SA4TX	San Angelo
RCL	Mte Valcellina		RIS1	Rein	RSDY	Resadiye-TOKAT	SAA	Sakai
RCM	Mount Rainier--Camp Muir		RITZ	Rihia Road	RSE	Rose Pump	SAB	Saberio
RCO	Red Cone		RIU	Riou	RSH		SABA	Saba
RCP	Roxas		RIV	Riverview	RSHJ	J Risha	SABC	Sabc
RCP2	Recreation Park		RIVT	Riveris	RSJ	Rancho San Jose	SABG	Sable Island
RCR	Cape Wrath		RIY	Rijeka	RS-KY	Russell Springs	SABO	M.te Sabotino
RCS	Mount Rainier--Camp Schurman		RJF	Les Rejaudoux	RSL	Roselend	SABS	Saba
RCT	Riceville		RJOB	Jochberg	RSM	Repubblica di San Marino	SABT	Saba
RCTC	Rector, Farmersville		RK-	Red Lake	RSNT	Yellowknife	SAC	San Andreas
RCW	Richland		RK1	Rhampton Hrock	RSNY	Adirondack	SACA	Loma Carmona
RCWM	Renegade Canyon West		RK2	Rhampton Srock	RSO	Redoubt South	SACR	S. Croce Del Sannio
RCY	Rachaya		RKG	Rocky Gully	RSON	Red Lake	SACS	San Casciano dei Bagni
RD01	Burlington		RKGY	Rocky Gully	RSP	Reno Superiore	SACV	Santiago Island
RD02	Waterdown		RKO	Rokko	RSPO	Restoule Provincial Park	SAD	Saidpur
RD03	Mount Hope		RK-ON	Red Lake	RSRB	Richmond-San Rafael Bridge	SADA	Sad'ah
RD04	Stoney Creek		RKS	Reko	RSSD	Black Hills	SADC	Saddle Peak
RDC	Rolduc		RKT	Rikitea	RST	Umm Al-Ruwaisat	SADO	Sadowa
PDF	Al-Radifah		RKY	Sarkoy-Tekirdag	RSTA	Tijuco Alta	SADQ	Saint-Augustin-de-Desmaures
RDG	Rabinal		RL-	Rib Lake	RSTU	Mount Rainier--Summit	SAE	Statte
RDJ	Rio de Janeiro		RLA	Relizane	RSV	Red Spur Mountain	SAF	Zefat
RDLO	Red Lake		RLK0	Red Lake	RSUT	Red Spur Mountain	SAFT	Safranbolu
RDLQ	Riviere-du-Loop		RLMT	Red Lodge	RSV	Radio Antilles	SAG	Saga
			RLW	Rice Lake	RSW	Rattlesnake Hills	SAGI	Saggi Highlands
			RL-WS	Rib Lake	RSY	Rusayo	SAH	Sawauchi
			RMA	Rockefeller Mts	RT-	Raton	SAI	Saigo
			RMB	Rombauer	RTA	Riberalta	SAIU	Southern Antelope Island
			RMBN	Ramban	RTB	Rutbah	SAJV	Sajaritas
			RMCR	Rio Macho	RTBS	Barreal	SAK	Sakata

Code	Station Name	Other	SCPH	Surigao	SFI	Santa Sofia	SHVB	Paradis Home
SAL	Salo		SCRF	San Cristobal	SFJ	Sondre	SHW	Mount Saint Helens
SALA	Sala		SCRN	Santa Cruz	SFJD	Kangerlussuaq 2	SHWJ	Shawbak
SALAN	Lac Salanfe		SCRT	Cerro San Cristobal	SFJM	Santa Fe	SHY	Sherya
SALC	Salvajina		SCRV	San Cristobal	SFK	Sufi-Kurgan	SHYM	Surrey Hills
SALF	Salau		SCS	Sicasica	SFL	San Felipe	SHZ	Shizuoka
SALI	Salinas		SCT	Scotty Lake	SFM	San Francisco	SHZ3	Shizuoka 3
SALJ	Salt		SCTE	Santa Cesarea Terme	SFN	Sterling Forest	SHZE	Shinhuzimiza
SALM	Salem		SCU	Sheep Canyon	SFNV	Sufian	SHZJ	Shizuoka 2
SALO	Salr		SCUM	Serra do Curme	SFO	Sterling Forest	SI	Smithers
SALT	Sultana		SCV	Saint Croix	SFP	San Felipe	SI2	Simi Peak
SALU	Saltoluokta		SCVI	Saint Croix	SFR	San Francisco--Rincon	SIA	Xi'an
SALX	Salttilo		SCW	Sherman Crater--Mount Baker	SFS	San Fernando	SI-BC	Smithers
SAM	Samarkand		SCX	San Cristobal	SFT	Stanford Telescope	SIBI	Sibayak Dolok
SAMG	Sameba		SCY	Stone Canyon Reservoir	SFTF	Sextfontaines	SIBR	Sibi
SAML	Samuel		SCYB	Stone Canyon	SFTN	Shelby Forest	SIC	Sept Iles
SAMO	Samokov		SCZ	Santa Cruz	SFTX	Fort Shafter	SID	Sida
SAN	Santiago		SCZP	Santa Cruz	SFUC	San Fernando	SIE	Siena
SAN1	Sandwick		SCZT	Fangliu	SFX	San Felipe	SIERE	Sierre
SANA	San'a		SDA	Shkodra	SFX2	San Felix	SIG	South Ingalls
SANQ	St-Andre-du-Lac-St-Jean		SDAN	Sedan	SG-	Seligman	SIGR	SiGRI
SANT	Santorini		SDB	Sa da Bandeira	SG1	Sgolgore (BA)	SIH	Signal Hill
SANU	Sandwick		SDC	San Diego	SG6*	San Gibilmanna	SIJ	Sitkinak Island
SANV	Sanarito		SDCA	Salto do Cavalo	SGA	Stephens Glacier	SIJ1	Sorong
SANY	Sanborn		SDCO	Great Sand Dunes National Park	SGAM	Sherman Glacier	SIL	Silver Peak
SANZ					SGAS	Stanga	SILB	Sidney Island
SAO	San Andreas Geological Observatory		SDD	Santo Domingo	SG-AZ	Seligman	SILC	Silvia
SAOF	Saorge		SDD01	Loma Colora	SGB	San Diego Bay	SILE	Correggio--Silva
SAON	Isfa Saona		SDD02	Loma Siseviera	SGC	Saratoga Golf Course	SILO	Sutton Inlier
SA-OR	Seneca		SDD03	Loma La Ceniza	SGCP	Mt. Cagua	SILT	Sile
SAP	Sapporo		SDD04	Loma El Mogote	SGE	South Ridge	SIM	Simferopol'
SAPN	Saipan		SDD05	Loma Manacilla	SGF	Sodankyla@14	SIMI	Simarbalatuk
SAR	Sarajevo		SDD06	Hatillo	SGG	Gregorio Matese	SIMR	Simon
SARI	SarD1z-Kayseri		SDD07	Loma El Cafe	SGH	Sud-Ghoubbet	SIN	Shinagawa
SARF	Sarigan		SDD08	Loma Yayales	SGI01	Saint George	SIND	Sindeldorf
SARO	Sassorosso		SDD09	Ceiba Bonita	SGI02	Infrasonic Array Site 1	SING	Singapore
SARP	Sargodha		SDD10	Monte Rojo	SGI03	Infrasonic Array Site 2	SINI	Singhan
SART	Tekirdag		SDDR	Presa de Sabaneta	SGI04	Infrasonic Array Site 3	SIO	Slick
SAS	Saskatoon		SDE	Santiago Estero	TPA	Infrasonic Array Site 4	SIP	Shinkari
SASA	Sand Point		SDEM	Sadie Cove	SGI04	Infrasonic Array Site 4	SIPA	Siparia
SAT	Sang-Tuda		SDF	Sodankyla	SGIA	Mirandola	SIPH	Barangay Tapao
SATS	Thornton Park		SDG	Sourdough	SGIAR	Saint George	SIPM	Chiapas
SAU	Saltair		SDH	Striped Hills		Infrasonic Array Beam Reference Point	SIPV	Sipayare
SAV	Savannah		SDI	San Donato			SIQV	Siquisique
SAW	Saint Andrews		SDJ	Sanada			SIR	Siria
SAX	Saentis		SDKM	Sandakan	SGJ	Sugihashi	SIRB	Monte Sirino - Moliterno
SAY	Sayfiye		SDL	Saddle Mountain	SGK	Hsinking	SIRR	Siria
SAZ	Santa Maria Island		SDLC	Saltale	SGKR	Sergokala	SIRT	Simak
SB-	Grafenberg Ar.	GRF	SDLR	Sedlovina	SGKT	Sivrigoyruk	SIS	Sion
SB1	Sierra Blanca Array Site 1		SDM	Santiago Maria	SGL	Mount Signal	SISB	Singen-Schiener Berg
SB2	Sierra Blanca Array Site 2		SDMD	Soldier's Delight	GLT	Jiouru	SISC	Sisak
SB3	Sierra Blanca Array Site 3		SDMZ	Santiago de Maria	GLM	Silver Gate	SISI	Sisbi
SBA	Scott Base		SDN	Sand Point	GLM	Saint Gilles	SIT	Sitka
SBB	Saddle Back Butte		SDNR	Sundarnagar	SGMN	Shimogamo	SIU	Simushir
SBC	Santa Barbara		SDO	Salado	SGN	Springfield	SIUC	Southern Illinois University
SBCZ	Sonora Basin		SDOM	Mount Sodom	SGNT	Sidi Gnaou	SIV	San Ignacio
SBD	Saint Breward		SDP	Sudden Peak, Lompoc	SGO	Sicignano	SIVA	Sivas
SBD1	Bryn Du		SDPT	Sand Point	SGP	San Gregorio	SIW	Isle of Wight
SBDP	Sheikh Budin		SDR	Surdac	SGR	Segre	SIY	Silver City
SBE	Sebes		SDRC	San Diego Road Dept, El Cajon	SGRN	Sagara	SIZ	Stewart Island
SBEA	Susan B. English School		SDS	Sanatorio Duran	SGRT	San Giovanni Rotondo	SIZA	Siya@14za@14n
SBES	Silver Beach Elementary School		SDSI	Sungai Dareh	SGS	Saint George	SJ-	San Jose (USA)
SBF	Sospel		SDV	Santo Domingo	SGSI	Sanghe	SJA	San Juan
SBG	Sibinal		SDW	Sidewinder Mine	SGST	Jiashian	SJAF	Saint Jean de L'Alberes
SBH	Shibata		SE-	Sleepy Eye	SGT	Sevinc	SJAS	San Jacinto
SBI	Santa Barbara Island		SEA	Seattle	SGTA	Sant Agata di Puglia	SJB	Cape Saint James
SBID	Snowbank Mountain		SEAG	Tbilisi Sea	SGU	Sterling	SJC	San Javier
SBJ	Shimobe		SEAR	Searcy	SGV	South Grapevine Mountains	SJCH	San Jose de Maipo
SBJI	Serang		SEAS	Seaside SMO			SJES	Sjenica
SBK	Seabrook		SEB	Sibenik	SGW	Sigmaringen-Wittberg	SJG	San Juan
SBKC	Saddleback Mountain		SEC	Stevens Creek	SGY	Signy Island	SJGC	San Juan (W)
SBL	Sacbachol		SECR		SGZ	Semigandzh	SJH	Saint Joseph Seminary
SBL3	San Blas		SEDN	First Sedna	SH-	Shamokin	SJI	Sawahana
SBM	South Baldy		SEF	Sefi@18d Ru@18d	SHA	Spring Hill	SJID	Saint Joe
SBN	Saba		SEG	Port Louis	SHAO	Shalim	SJIM	San Jose Maipo
SBN1	Taloyoak		SEGC	San Emigdio	SHAR	Shatzhatmas	SJMO	Saint John's Bayou
SBO	Springbok		SEH	Sehore	SHB	Sechelt	SJMP	San Jose
SBP	Subic Bay		SEI	Scarperia	SHBG	Sahibganj	SJN	San Juan, Peru
SBPH	San Jose del Monte		SEJ	Sejong Station	SHBJ	Al Shahba	SJNN	Saint John's
SBPO	S. Benedetto Po		SEK	Senekal	SHC	Mount Saint Helena	SJP	San Juan
SBQ	Sherbrooke		SEKA	Sheki	SHD	Sha@18hru@18d	SJPF	Ste Jean
SBR	S Black Range		SEL	Semlyachik	SHDB	Maple Bay	SJQ	San Joaquin Reservoir
SBRN	Brisbane		SELA	Sela	SHE	Samaxi	SJR	San Jose
SBS	Sidi-Bou-Said		SELF	Sixty Eight Flow	SHEL	Horse Pasture	SJRM	San Jeronimo
SBSI	Sibolga		SELQ	St-Eleuthere	SHF	Shawinigan Falls	SJS	Escuela Geologia
SBT	San Benito		SELS	Selova	SHG	Shirttail Gulch	SJT	SanJuan Tecuaco
SBTG	Sabatlo		SELV	Sierra Elvira	SHGH	Shai Hills	SJ-TX	San Jose
SBU	Stansbury Island		SEM	Semipalatinsk	SHGO	Shushtar	SJU	San Juan
SBUM	Sibu		SEMD	Semdiili	SHGR	Shooshtar-Gavsavar	SJUJ	Sjulsmark
SBVC	San Bernardino Valley		SEMI	Semponon	SHH	Sheep Hole Mountains	SJUZ	Santa Julia
SBY	Sand Bay		SE-MN	Sleepy Eye	SHI	Shi@18ra@18z	SJV	Saint John
SC-	Sutcliffe	SC-NV	SEN	Sendai	SHID	Shide	SJX	San Joaquin
SC2M	Scurtabr		SENI	Senigallia	SHIN	Springhill	SK-	Shamrock
SCA	Santa Cruz		SEININ	Lac Senin	SHIO	Shillong	SKA	Skalstugan
SCB	Scarborough		SEO	Seoul	SHJ	Shiono misaki	SKAG	Skagway
SCC	Santa Cruz		SER	Sermur	SHK	Shiraki	SKB	Skidegate
SCCB	Santa Clara County Offices		SERF	Sergoula	SHKI	Saki	SKC	Skalna
SCCK	Coley Creek		SERF	Sersale	SHL	Shillong	SKD	Sitkalidak Island
SCCM	Colson Canyon		SESG	Sersale	SHLN	Saint Helena Island	SKDA	Skikda
SCE	Schlegeis		SES	Suffield	SHLY	Spokane Temp K2 (Swanson)	SKDB	Saint Kitts 2
SCE1	Shell Creek		SESP	Santiago Espada	SHM	Shimizu	SKDS	Skadanscina
SCEER	sogukcermik		SEST	Monte Rota	SHMJ	Saham	SKG	Skaggs Springs
SCF	Sheep Creek Facility		SET	Setif	SHMP	Susana Heights	SKGA	Skagway School
SCG	Saint Claude		SET2	Ginetes	SHN	Shimonoseki 3	SKH	Sakata 2
SCH	Schefferville		SET3	Pilar	SHN1	Shimonoseki 2	SKI	Saint Kitts
SCHD	Schmiedefeld		SET4	Mosteiros	SHN2	Shimonoseki 2	SKIA	Skiathos
SCHN	Schinveld		SETA	Sete Cidades	SHO	Shikotan	SKJI	Sukabumi
SCHQ	Schefferville		SEUS	St. Eustatius	SHOC	Shoshone	SKK	Sikka
SCHR	S. Chirico Raparo		SEV	Sevastopol'	SHOH	Showa-Shinzan	SKL	Skilak
SCHRR	Schitu		SEW	Seward	SHP	Santa Helena	SKLY	Ski Hill Lift
SCI	San Clemente Island		SEY	Seymchan	SH-PA	Shamokin	SKN	Skaneateles
SCIA	State Center		SEY1	Mahe	SHPR	Sheep Range	SKO	Skopje
SCIG			SEY2	Seychelles	SHQ	Saint-Hilarion	SKOR	Skordalos
SCK	South Creake		SF-	Snowflake	SHR	Shirakawa	SKP1	Kophill
SCL	Santa Clara		SF2	Kangerlussuaq 2	SHRA	Al Sharaya	SKR	Severo-Kuril'sk
SCLL	Scilla		SFA	Sept-Chutes	SHRD	Shirahama	SKT	Skwentna
SCLT	Jiali		SFAN	Fancy Village	SHRF	Sharaf	SKT*	Shikotan
SCM	Sheep Creek Mountain		SF-AZ	Snowflake	SHRG	Sheep Range	SKTB	Turtle Beach
SCMO	St. Charles CC		SFB	San Francisco	SHR2	Shirakawa 2	SK-TX	Shamrock
SCN	Sunset Crater		SFC	San Francisco	SHRM		SKU	Sakura
SC-NV	Sutcliffe		SFD	San Fernando	SHRR	Shira	SKW	Shichikawa
SCO	Scoresbysund		SFDO	Spokane Schools,	SHS	Shasta Dam	SKY	Skiros Island
SCOM	Sussex County Emergency Operations Center		SFER	Ferris High School ANSS-SMO	SHT	Sharpitor	SKZ	Skazka
SCP	State College		SFF	Sheffield	SHTN	Sandy Hook	SL-	Sault Ste Marie
SCP1	State College		SFG	Saint Francois	SHTS	Shaartuz	SL6*	Punta Lena
			SFH	Hasselmere	SHU	Shuyak Island	SLA	San Lorenzo
					SHUT	Suhut-Afyon	SLAT	Slait
					SHV	Shimbara	SLB	Belfond
							SLBC	Solana Beach

Code	Station Name	Other								
SLBQ	St-Lucie-de-Beauregard		SNGI	Sangi-Kar		SPM	Ship Mountains		STAU	Staufen im Breisgau
SLBS	Sierra La Laguna		SNGR	Singgor'e		SPN	Mys Shipunski		STAV	Stavanger
SLC	Sait Lake City		SNH	Sunshine Point		SPN5	Spine 5 MSH Spider		STB	Steinbach
SLCN	Sala Consilina		SNJ	Sinj		SPNC	Sapnca-Adapazari		STC	Stone Canyon
SLD	San Luis Dam		SNIO	Spokane Nat. Inst.		SPNY	Spone Ridge			Observatory
SLDE	Delcor		SNIWA	Occ. Safety SMO		SPO	Spokane		STCH	Steam Cracks
SLF	Schleitheim		SNJE	Shively Ranch		SPP	Saint Paul		STCO	Saint Catharines
SLFB	Sale Mountain		SNJ	Sinj		SPR	Saint Pierre		STCR	Santa Cruz
SLG	Silifke		SNJR	San Jose		SPRG	Spotted Range		STD	Studebaker Ridge
SLFW	Sugar Loaf		SNK	Sundja		SPRM	Split Rock		STDB	Stepnoy Dvorets
SLGI	Sinonel		SNKA	Salina		SPS	San Pedro Poas		STDO	Santo Domingo
SLI	Shiliguri		SNL	Sanak Island		SPSI	Sidrap Palu		STE	Stepanavan
SLK	Saint Lucia		SNLN	Sevenhill		SPSY	Saint Peters School		STEI	Steigen
SLKI	Susurluk		SNLN	Sandy Lake, NWT		SPT	South Point		STEIN	Stein am Rhein
SLKM	Saumlaki		SNM	Socorro		SPU	Mount Spurr		STET	Saint-Etienne-de-Tinee
SLKY	Skilak Lake		SNN	Socorro		SPV	South Promontory Point		STEW	Steamboat Mountain
SLM	Flemingsburg	FLKY	SNNO	Snow College		SPW	Sa-pa		STF	Stafford A Platform
SLM	Stollet		SNOW	Snow King Mountain		SPX	Shoe Peg Valley		STFR	Stefanesti
SLMH	Saint Louis		SNP	Sonepat		SPY	Seward Park		STG	Strathgordon
SLMT	Al Salmeh		SNPH	Sibulan		SPZ	San Pedro Martir		STGR	Santa Cruz
SLN	Seeley Lake		SNPN	Snap Lake		SPY	Shingle Point		STH	Stony Hill
SLNA	Salinas		SNPY	Stony Point		SO	Squaw Harbor		STHS	Stebnicka Huta
SLNF	Salina		SNQN	Sanikiliug		SO-IS	Shemya		STI	Star Valley
SL-ON	Slentfeh		SNQU	Santaquin		SOM	Sequim		STIA	Sitia Lasithi
SLP	Sault Sainte Marie		SNR	Schaffner Ranch		SOR			STID	Stanley
SLPA	San Antonio		SNS	San Onofre		SOTA	Sankt Quirin		STIL	E St Louis HE Ctr
SLPE	Patience		SNT	Sears Point		SQU	Squaw Peak		STIP	Stip
SLQ	Piton Saint Spirit		SNTD	Shikano		SR	Sparta	SR-OR	STJ	Saint John's
SLR	Saint Louis du Ha Ha		SNTG	Esanatoglia		SRA	San Ramon		STJN	Saint John's
SLS	Scoengei Langka		SNU	Stansbury North		SRAT	Sarat Abidah		STK	Stephens Creek
SLT	Salta		SNUT	Stansbury North		SRB	Sarnuel		STKA	Stephens Creek
SLTA	Morne Tabac		SNVI	San Vicente		SRBC	Serra Branca		STKI	Sintara
SLTC	Salton Sea Test Base		SNX	Sinaia		SRBF	Surbourg		STKP	Saint Kitts
SLTI	Sal'ti		SNY	Shenyang		SRBI	Singaraia		STL	Santa Lucia
SLTN	Sullivan		SNZ	Senzan		SRC	Salinas Radio Site		STLK	Strandline Lake
SLU	San Luis		SNZO	South Karori	SO-OB	SRCG	Sarf'ichala		STLN	Stellar Camp, Hudson Bay
SLUM			SO	Sorel		SRD	San Andres			
SLV	Seldovia		SOA	Owia		SRDI	Scrawed		STLY	Stiles
SLVN	Son La		SOB	Sobradinho		SREDR	Sredinnyy		STM	Slate Mountain
SLVT	Silivri		SOB1	Sobradinho		SRE	Strehaia		STMA	St. Maarten, Airport
SLW	Petit Monier		SOB2	Sobradinho		SRF	Snake Ranch		STMT	Stillwater Mine
SLY	Sulaymaniyah		SOB3	Sobradinho		SRFA	Sharaf		STN	Seatoun
SM	Seymour	SM-TX	SOB4	Sobradinho		SRG	Seaman Range		STN3	Satriano di Lucania, Italy
SMA	Summerton		SOC	Sochi		SRH	Rilland Hill		STNC	Stoke
SMAI	San Martin Antarctic Base		SOCH	Soche		SRI	Sefi@18d Ru@18d		ST-NV	Stillwater
SMAJ	Sumiya		SOCV	Socops		SRJ	Sugihara		STO	Stonyhurst
SMAM	San Marcos		SOD	Sodankyla@14		SRJD	Shirakawa		STOF	St-Etienne Orgue
SMAR	Somma		SODA	Al Sooda		SRK	Sredniy Kalar		STOK	Stokkvaagen
SMAV	Semnan-Aivanekey		SOE	Somerses East		SRKR	Srokina		STOK1	Konsvik
SMB	Samaipata		SOF	Sofiya		SRL	Santa Rosalia		STOK2	Flostrand
SMB1	Colle San Martino		SOFL	Sornfelli, Faroe Islands		SRLN	Sarcpa Lake, Nunavut		STON	Ston
SMBI	Sixmile Butte		SOFT	Gaziantep		SRM	Socorro		STOQ	Stoneham
SMC	Somerset		SOG	Santiaguito		SRMB	Sarakhs		STP	Stepladder Mountains
SMCB	Saint Mary's College		SOG2	Santiaguito 2		SRMH	Minami-Gairin		STPQ	St-Pascal
SMCF	Saint Martin du Canigou		SOH	Sokhos		SRMY	Scherman		STR	Strasbourg
SMCN	San Marcos		SOI	Samo		SRN	Sarande		STR2	Strathalbyn
SMCO	Snowmass		SOIM	Smimou		SRNI	Srinagar		STR5	Stromboli 5
SMD	Mendips		SOKA	Soboth		SRO	Srobarova		STRE	Sannotorii
SMDO	Samad		SOKB	Sooke		SRO1	Iza		STRR	Strizhament
SMDT	Samandagi		SOKR	Solikamsk		SRO2	Moca		STRS	Struganik
SME	Santa Rosa Mine		SOKY	Sonora		SR-OR	Sparta		STRU	Stroomstad
SMF	Signal de Mont		SOL	Solontsovaya		SRP	Santa Rosa		STS	Santiago
SMG	Sarnos		SOLC	Bahia Solano		SRPD	Savannah River		STT	Seattle
SMGA	Sumqayit		SOLO	Sioux Lookout		SRPE	Suurupi		STTC	Scott Ranch
SMI	Simla		SOLU	Sollefteaa		SRPN	Savannah River		STV	Stuttgart
SMJ	Shimohsa		SOLLUN	Solunto		SRPW	Savannah River		STV2	Sta Anna Valdieri
SMJD	Shimonomoto		SOM	Sombrero		SRR	San Roque		STV2	Anna di Valdieri 2
SMJM	Simojovel		SOMN	Somoto		SRS	Serrai		STVI	Saint Thomas
SMK	Shimokamo		SON	Sonneberg		SRT	Sarutani		STW	Striped Peak
SMKI	Samarinda		SONA	Sohna		SRTC	Snort		STWA	Stillwater
SMKR	Semkarok		SONA0	Songino Array Site A0		SRU	San Rafael		STX	Station 2
SMKY	Sacramento		SONA1	Songino Array Site A1		SRV	Santa Rosalia		STY	Stony River
SML	Sawmill		SONA2	Songino Array Site A2		SRY	Shiroyama		STYT	Tauyuan
SMLA	Simla		SONA3	Songino Array Site A3		SS	Sanderson	SS-TX	STZ	Stratford
SMLT	Sun Moon Lake		SONA4	Songino Array Site A4		SS2	San Sevaine		SU-	Schuyler
SMM	Ste Marie-Mines	ECH	SONB1	Songino Array Site B1		SSA	Susara	SSR	SUA	Susitna One
SMMC	Simmier		SONB2	Songino Ar. Site		SSB	Saint Sauveur en Rue		SUC	Sucre
SMMM	San Miguel		SONB3	Songino Array Site B3		SSC	Saint Sauveur de Carouges		SUD	Sudbury
SMMS	Six Mile Mountain		SONB4	Songino Array Site B4		SSD	Sandimen		SUDU	Sudak
SMN	Sleeping Mountain		SONB5	Songino Array Site B5		SSE	Sheshan		SUE	Sulen
SMN1	Samana, DR		SONG	Songo		SSF	Saint Saulge		SUF	Sumiainen
SMNB	Stockdale Mountain		SONM	Songino Array Beam Reference Point		SSF1	Saint Saulge		SUFF	Suffern
SMNC	South Mountain		SONS	Sodus		SSG	Sans Toucher		SUG	Sugar Island
SMNM	San Marcial		SONY	Sodus		SSH	Sunshine		SUI	Sui-hua
SMNR	Sumner High School		SOO	Sioux Lookout		SSI	Semisopchnoi Island		SUK	Suckling Hill
SMO	Santa Rosa Mountain		SOP	Sopron		SSIB	Saltsping Island		SUL	Sulphur Creek
SMOL	Smolence		SO-QB	Sorel		SSJ	Shinshu-shinm'i		SULB	Vanderhoof
SMP	Somplago		SOR	Soroa		SSK	Sunset Peak		SULJ	Sultana
SMP1	Sarmi		SORM	Soroca		SSKY	Summer Shade		SULT	Sultanhani-AKSARAY
SMP2	Sampolo		SOS	Soda Springs		SSL	Sunset Lake		SULZ	Sulz-Cheisacher
SMQ	Clarke City		SOSW	Source of Smith Creek		SSLB	Suanglung		SUM	Sumoto
SMR	Semeru Mts	KEL	SOTS	Sotra		SSLN	Shishaldin North		SUMG	Summit
SMRF	Simiane la Rotonde		SOU	Souberoche		SSLN	Shishaldin North		SUN	Sunnyside
SMRH	Sumara - IBB Gov. - Yemen		SOUA	Southern Oregon Univeristy DOGAMI SMO		SSLS	Shishaldin South		SUNK	Sunaserri
SMRI	Semarang		SOX	Sue Hot Springs		SSLW	Shishaldin West		SUNO	Sudbury Onaping
SMRK	PEC		SPA0	Spitsbergen Array Site A0	SPITS	SSM	Saint Martial		SUO	Sudbury
SMRM	Smir		SPA1	Spitsbergen Array Site A1		SSN	San Juan del Sur		SUP	Superstition Mountain
SMRT	St. Maarten		SPA2	Spitsbergen Array Site A2		SSNN	San Juan del Sur		SUR	Sutherland
SMS	Samos		SPA3	Spitsbergen Array Site A3		SSNO	Creighton Mine, Sudbury		SURF	Saint Ours
SMSC	Seltzer Mountain		SPAK	Spaichingen-Kochelsberg		SSO	Sasso d'Italia		SURI	Summit Reservoir
SMT	Sultan-Mazar		SPB	Sao Paulo		SSOR	Sweet Springs		SURV	Survey Creek
SMTC	Superstition Mountain		SPB1	Spitsbergen Array Site B1		SSP	Shoshone Peak		SUS	Susaki
SMTN	Short Mountain		SPB2	Spitsbergen Array Site B2		SSP1	Stoney Pound		SUSE	Susehri
SM-TX	Seymour		SPB3	Spitsbergen Array Site B3		SSPA	Standing Stone		SUSK	Shushi
SMU	Sunnyside Mine		SPB4	Spitsbergen Array Site B4		SSQ	Sandspit		SUT	Suttsu
SMV	Samsville		SPB5	Spitsbergen Array Site B5		SSR	Susara		SUT1	Suttsu
SMW	South Mountain		SPBA	Sand Point BB		SSS	San Salvador		SUTB	Sutter Butte
SMWM	Sugarloaf Mountain West		SPC	Skalnate-Pleso		SSS1	John Stanford Center Downhole Anss-SM		SUTC	Sutluce-Isparta
SMX	San Miguel		SPCH	San Pedro de Atacama		SST	Susitna		SUU	Santaquin Canyon
SMY	Shemya		SPCI	Split Crater		SS-TX	Sanderson		SUUS	Susuman
SN	Sunflower	SN-AZ	SPD	Saint Peter's Dome Lookout		SSU	San Pedro Sula		SUV	Suva
SN1	Capo Mulini Mare		SPE	Xi'an	XAN	SSUO	Shawnee State University		SU-VA	Schuyler
SNA	Sanae		SPF	St-Paul-en-Foret		SSV	Crater Summit		SUW	Suwalki
SNAI	Sanae		SPG	Saltpond		SSW	Stow on the Wold		SUZ	
SNA2	Sanae		SPH	San Pedro Hill		SSX	SS1		SV-	Springerville
SNAL	S. Angelo Dei Lombardi		SPI	Saint Paul Islands		SSY	Sorlino		SV2	Schefferville
SNART	Snartemo		SPIA	Saint Paul Island		SSZ	Sekisonzan		SV2QB	Schefferville
SN-AZ	Sunflower		SPIE	Spinoso		ST-	Stillwater	ST-NV	SV3	Schefferville
SNB	Saturna Island		SPIN	Swan Pond Ditch		ST1	Streeter	ST1TX	SV3QB	Schefferville
SNC	San Nicolas Island		SP-IS	Saint Paul		ST1TX	Streeter		SVA	Svanoeiden
SNCC	San Nicolas Island		SPITS	Spitsbergen Array Beam Reference Point		ST2	Streeter	ST2TX	SV-AZ	Springerville
SND	San Diego		SPITAK	Spitak		ST2TX	Streeter		SVB	Belmont
SNDG	Sand Canyon		SPJ	Spur Tree		ST4	Streeter	ST4TX	SVC	Silver Creek
SNET	Serv Nac Est Terr		SPJN	Shinpukui		ST4TX	Streeter		SVD	Seven Oaks Dam
SNF	Seneffe		SPK	Scotts Peak		STA	Satara		SVE	Sverdlovsk
SNG	Songkhla		SPL	Spiridon Lake		STAB	Staufenbuehl		SVG	Indian Gallows
SNGE	Sanandaj					STAN	Stanford		SVI	Saint Vincent
						STAR	Star City		SVIN	Saint Vincent's CYO
						STAT	Sint Eustatius			School for Boys, San

Code	Station Name	Other	TSEB	Hengchuen, Pingtung county	TWQ1	Liyutan	UNB	University of New Brunswick
TOPM	Tallapoosa		TSI	Tuntungan	TWR	Chutung	UNCR	Uncouk
TOPO	Topo		TSIM	Tsina	TWS1	Kuangyingshan	UNJ	University of Jordan, Amman
TOR	Tori shima		TSJB	Timber West San Juan	TWT	Tachien	UNL	Unalakleet
TORD	Torodi Ar. Beam		TSK	Tsukuba	TWU	Wulai	UNM	Universidad Nacional Autonoma de Mexico
TORE	Minerbio--Torre		TSL	Tsaile	TWVZ	Taurewa	UNR	Ust-Nera
TORNY	Torny		TSM	Tawau	TWW	Teanaway	UNV	Unalaska Valley
TORO	Toronto--Leslie Street Spit		TSN	Qingdao	TWX	Kuosheng	UNZ	Unzen dake
TORR	Tordecillas		TS-ND	Trotters	TWY	Chenhua	UOA	University of Arizona
TORT	La Tortuga		TSO	Tulsa	TWZ	Neifu	UOCO	University of Cincinnati
TORV	Torococo		TSOZ	Tsokhamarg	TX00	Lajitas Ar. Site	UON	La Union
TOS	Tosya		TSP	Tesque Peak	TX02	Lajitas Array Site 2	UPA	Univ. de Panama @15
TOSP	Speyside		TSPT	Pingtung City	TX03	Lajitas Array Site 3	UPC	Upice
TOT	Tottori		TSR	Tsuruga	TX04	Lajitas Array Site 4	UPD1	Univ de Panama
TOTH	TOTAH		TSRJ	Tsuruga	TX05	Lajitas Array Site 5	UPI	Upington
TOTJ	Tottori		TSS	Tsurugi yama	TX06	Lajitas Array Site 6	UPIG	Upington
TOU	Touzarine		TST	Taslik	TX07	Lajitas Array Site 7	UPM	Unac-Piva
TOUF	Mont Tourneraire		TSTN	Townsend	TX08	Lajitas Array Site 8	UPNG	Upernavik
TOV	El Tucuyo		TSU	Tsu	TX09	Lajitas Array Site 9	UPP	Uppsala
TOW	Tower One		TSU1	Tsu	TX10	Lajitas Array Site 10	UPR	University Campus, Patras University
TOY	Toyama		TSUJ	Tsu 2	TX11	Lajitas Array Site 11	UPS	University of Puget Sound
TOZ	Tahuroa Road		TSUM	Tsumeb	TX31	Lajitas Ar. Site	UQSK	'Uqlat as Suqur
TP	Tippipah		TSV	Twin Springs	TXAR	Lajitas Array Beam Reference Point	URA	Urakawa
TP2	Tecpan 2		TSY	Tnine Yamani	TXB	Texada	URA3	Urakawa 3
TPA	Tala Pozo		TSZ	Takapari Road	TXNY	Tuxedo	URAJ	Urakawa 2
TPAW	Teton Pass		TT	Trout Lake	TXO	Tlaxiaco	URCR	Urfa
TPB	Topolobampo		TT01	Tatalina	TY	Tracy	URCF	Urgal
TPC	Twentynine Palms		TTA	Tatalina	TYC	Yuchr	URG	Urgal
TPE	Tepelena		TTC	Datong	TYF	T'ung-yeun Feng	URH	Urahoro
TPG	Tlapa		TTE	Trieste	TYH	Toyohashi	URKR	Urkarakh
TPH	Tonopah		TTG	Podgorica	TYI	Trinity Mountain	URLA	Uzmir
TPI	Tanjungpandan		TTH	Taradale Trig	TYK	Toyo oka	URS	Ugurusu
TPIG	Tehuacan		TTI	Taranto	TYM	Tateyama	URSC	Urasca
TPJ	Tangkuban Prah		TTJ	Taranto	TY-MN	Tracy	URT	Ura-Tyube
TPK	Tolicha Peak		TTK	Tokmak	TYN	Taiyuan	URVA	University of Richmond
TPL	Tocopilla		TTL	Tatalina	TYNO	Tyoneside	URZ	Urewera
TPM	Tepoztlán		TTM	Turtle Mountains	TYN	Toyone	USC	University of Southern California
TPMO	Tallapoosa		TTMI	Trout Lake	TYO	Tyneside	USHA	Ushuaia
TPMT	Tepee Creek		TTN	Taitung	TYS	Tyson Valley	USHU	Ushuaia
TPN	Tapini		TTOK	Tanto	TYV	Tymovskoe	USI	Ustica
TPNV	Topopah Spring		TTP	Tetilla Peak	TZC	Tazercouante	USIL	Lacq-Usine
TP-NV	Tippipah		TTT	Tetilla Peak	TZK	Tazeka	USIN	University of Southern Indiana
TPO	Tropico Hills		TTT	Totori	TZL	Tazlina	USK	Ussuriysk
TPOR	Trinity Point		TTT	Totori	TZR	Tezpur	USL	Ugashik Lake
TPP	Pointe-a-Pierre		TTU	Tartu	TZTN	Tazewell	USMR	Ust-Maya
TPR	Prospect		TTV	Teren Tiev Lake	TZZ	Tabubil	USO	Ust-Omchug
TPRI	Tanjung Pinang		TTVN	Tram Tau	U04C	Hernandez Reservoir, Idria	USP	Ospenovka
TPRS	Tripped Ranch		TTW	Tolt Reservoir	U05C	Westside ANR, Five Points	USRK	Ussuriysk Array
TPT	Tiputa		TTX	Tres Cuevas	U10A	Ash Meadows, Armagosa	USTO	Oran
TPTC	Pt. Cumana		TTZ	Chichi shima	U11A	Corn Creek	USZ	Ust-Nyukzha
TPTI			TU	Tunkhannock	U12A	Valley of Fire, Overton	UTF	Valparaiso
TPU	Tempiute Mountain		TU1	Tuscania	U13A	Pakoon Wash	UTLO	University of Toledo
TPUB	Ta-pu		TUA	Tuai	U14A	Mt Trumbull	UTM	University of Tennessee at Martin
TPV	Tonopah		TUB	Tubingen	U15A	North Rim	UTMA	University of Tennessee at Martin
TPX	Tapachula		TUBL	Tuebingen-Lennartz	U16A	Tuba City	UTMO	Huajuapán
TPZ	Tupiza		TUC	Tucson	U17A	Shonto	UTMT	University of Tennessee at Martin
TQ-MS	Tatum Dome		TUDR		U18A	Rough Rock, Chinle	UTO	University of Toledo
TQP	Tayabas	TAY	TUE	Stuetta	U19A	Dine' College, Tsaile	UTS	Utsunomiya
TQTN	Tranquillity		TUG	Tungurcha	U20A	Newcomb	UTSU	Utsunomiya
TQV	Tuyen-Quang		TUH	Tulbagh	U21A	Nageezi	UTT	Tea Tree Gully
TR1			TUI	Tuis	U22A	Liaves	UTU	Utuhina
TR2			TUIG	Tuzandepetl	U23A	El Rito	UUDB	Ulan-Yde
TRA	Travnik		TUK	Tuktuyaktuk	U24A	Moreno Valley High School, Angel Fire	UVI	Uvira
TRAP	Trapper Creek		TUL	Tulsa	U25A	Circle Dot Ranch, Maxwell	UVN	Unionville
TRAV			TUL1	Tulsa	U26A	Atchley Ranch, Greenville	UVN1	Unionville
TRB	Tarbela		TULEG	Thule	U27A	University of Arkansas, Little Rock	UVO	Usu Kazan Kan
TRBA	At Turbah		TUM	Tumwater	U28A	University of Arkansas, Little Rock	UWA	Uwa jima
TRC	Taylor Ranch		TUMC	Tumaco	U29A	University of Arkansas, Little Rock	UWA2	Uwa jima 2
TRCR	Troy Canyon		TUMR	Tumrok	U30A	University of Arkansas, Little Rock	UWE	Uwekahuna
TRD	Trivandrum		TUN	Tunis	U31A	University of Arkansas, Little Rock	UWFH	University of Washington Friday Harbor
TRE	Trente		TUNG	Tungurahua	U32A	University of Arkansas, Little Rock	UWJI	Ujung Watu
TREB	Trebinje		TUNR	Tungur	U33A	University of Arkansas, Little Rock	UWL	Utowana Lake
TREC	Trest		TUO	Tucson Observatory	U34A	University of Arkansas, Little Rock	UWM	University of Wisconsin at Milwaukee
TREF	Trevaresse		TUP	Tupik	U35A	University of Arkansas, Little Rock	UWO	University of Western Ontario
TRF	Thorofare Mountain		TU-PA	Tunkhannock	U36A	University of Arkansas, Little Rock	UYO	Union Valley
TRG	Tyrgan		TU	Turquoise Mtn.	U37A	University of Arkansas, Little Rock	UZD	Uzd
TRGS	Targassone		TUR	Turbat	U38A	University of Arkansas, Little Rock	UZH	Uzhgorod
TRH	Trail		TURI	Tura	U39A	University of Arkansas, Little Rock	UZT	Uzuto
TRHT	Turhal		TURN	Turunc	U40A	University of Arkansas, Little Rock	UZU	Uzumlu
TRI	Trieste		TURV	Turiamo	U41A	University of Arkansas, Little Rock	V03C	Hunter Liggett MR Jolon
TRIB	Obertriebel		TUS	Tuscarora	U42A	University of Arkansas, Little Rock	V04C	Ramage Ranch, Paso Robles
TRIS	Tristan da Cunha		TUT	Tucson--Telemeter	U43A	University of Arkansas, Little Rock	V05C	Boulder Hill, Kettleman City
TRIV	Trivento		TUTA	Tutak	U44A	University of Arkansas, Little Rock	V11A	Goodsprings
TRJ	Tarija		TUTZ	Tuhingamata	U45A	University of Arkansas, Little Rock	V12A	Nelson
TRK	Turkey Creek		TUU	Turnu Rosu	U46A	University of Arkansas, Little Rock	V13A	Grand Canyon West Ranch, Meadow
TRKR	Terskaya		TUV	Trujillo	U47A	University of Arkansas, Little Rock	V14A	Boquillas Ranch, Navajo N., Peach Springs
TRKS	Terek-Say		TUVZ	Tukino	U48A	University of Arkansas, Little Rock	V15A	Kaibab National Forest USFS, William
TRKT	Turkoglu		TUWA	Tungkwang	U49A	University of Arkansas, Little Rock	V17A	Tonalea, Kykotsmovi
TRLG	T'rial'et'i		TUWZ	Tuamarina	U50A	University of Arkansas, Little Rock	V18A	Ganado
TRM	Turner		TUY	Tsuyama	U51A	University of Arkansas, Little Rock	V19A	Window Rock
TRMF	Trois llets		TUZ	Tuapeka	U52A	University of Arkansas, Little Rock	V20A	Brimhall
TRN	Trinidad (W)		TV1	Townsville Hrock	U53A	University of Arkansas, Little Rock	V21A	Milan
TRO	Tromso		TV2	Townsville Softrock	U54A	University of Arkansas, Little Rock	V22A	San Miguel Ranch, Cuba
TRON	Trondheim		TVAN	Van	U55A	University of Arkansas, Little Rock	V23A	Ortiz Mt. (NFS), Santa Fe National Forest
TROT	Trozza		TVG	Trois Rivières	U56A	University of Arkansas, Little Rock	V25A	Rancho No Tengo, Wagon Mound
TRP	Trujillo		TVGG	Rocky Mountain Net	U57A	University of Arkansas, Little Rock	V26A	Tequesquite Ranch, Mosquero
TRPA	Tarpa		TVI	Taveuni	UGRT	Union Grove	VAA	Cerro Valdivia
TRQ	Mont Tremblant		TVL	Townsville	UJI	Uji	VAC	Vackov
TRQA	Tornquist		TVO	Taravao	UJJ	Chiapas	VACH	Vallendar
TRR	Tarraleah		TWA	Mucha	UK	Ukiah	VACK	Vackovec
TRRB	Tres Rios		TWAR	Twist	UKAQ	Ukalunda	VACR	Volcan Arenal
TRS	Trieste (CM)		TWB	Tillmans-Whites Bay	UKI	Ukiah	VAD	Vardenisi
TRSB	Teresina		TWB1	Santiao Chiao	UKL	Ugashik Lake	VADZ	Ijavan
TRSI	Tarutung		TWB2	Timber West Blakeney	UK-OR	Ukiah	VAE	Valguarnera
TRT	Tretes		TWC	Suao	UKR	Ust'-Kan	VAF	Ylistaro
TRTB	Turuntaevo		TWCP	Suao Port	UKT	Uakit	VAG	Aggia Anna
TRTC	Tortuguero		TWD	Chiawan	UKTR	Uchkent	VAGA	Valle Agricola
TRTE	Tartu		TWDS	Dungshr Township	ULA	Ulamona	VAH	Vaihoa
TRTR	Tortoreto Alta		TWE	Neicheng	ULBA	Ulba	VAI	Varese
TRU	Truk		TWE*	Feng-lin	ULC	Ulcinj	VAJ	Vajont
TRULL	Tuellikon		TWF	Yuli	ULDT	Uludag	VAL	Valentia
TRV	Treviso		TWF1	Yuli	ULG	Ulaangom		
TRVA	Ter de Rio Valdez		TWG	Pinlang	ULHL	Ulahol		
TRVM	Trivandrum	TRD	TWGB	Timber West Granite	ULM	Lac du Bonnet		
TRVZ	Turoa		TWH	Lutao	ULN	Ulaanbaatar		
TRW	Toppenish Ridge		TWI	Lanshu	ULO	Ulamona		
TRWA	Trelew		TWJ1	Tawu	UMAU	Umeaa		
TRWZ	Traveller		TWK	Hsinying	UMB	Umberatana		
TRXW	Triangle-X Ranch		TWK1	Hengchun	UME	Umea		
TRY	Troy		TWKB	Timber West Koksilah	UMI	India		
TRYN	Tryon Peak		TWL	Twin Lakes	UMJ	Umaji		
TRZ	Taradale		TWM	Shoushan	UMJE	Umejima		
TS-	Trotters	TS-ND	TWM1	Shoushan	UMJS	Umm Lajj		
TSA	Tranquitos		TWMO	Westmoorings	UMPQ	Umpqua Community College DOGAMI SMO		
TSA1	Sevenoaks		TWN	Twin Peaks	UMR	Umm Al-Rimmam		
TSAL	Tannehill State Park		TWO	Meishan	UMS	Upper Santa Misericordia		
TSB	Tasu		TWO1	Meishan	UMT	Umtata		
TSC	Tosontsengel		TWOA	Tennyson Woods	UNA	Unalaska		
TSCK	Chigu Township		TWP	Hsiaoliuchiu	UNAH	Universidad Nacional Autonoma de Honduras		
TSE	Tsebel'da		TWQ	Tungshih				

Code	Station Name	Other	VL6*	Forgia Vecchia	VVOS	Brankovina	WCH	Changhua City
VALF	Valcebollere		VLA	Vladivostok	VWBM	Wanoga Butte	WCHM	Chimney Peak
VALM			VLC	Villacollemandina	VWCC	Virginia Western	WCI	Wyandotte Cave
VALQ	Val d'Or		VLCH	Valdivia	VWMM	Walker Mountain	WCK	Wilson Creek
VALT	Mount Saint Helens		VLD	Valdez	VWV	Potts Mountain	WCM	Warland Creek
VAM	Vamos		VLDQ	Val d'Or	VXJU	Vaexsjoe	WCN	Washoe City
VAN	Vannovskaya		VLG	Velasquez	YYB	Vyborg	WCNY	West Carthage
VAN2	Vandellos 2		VLI	Veitai	YYHS	Vyhne	WCNM	Cook Peak
VANB	Van		VLK	Valmikinagar	YZS	Valdez South	WCPM	Cactus Peak W
VANT	Van		VLM	Vladikavkaz	VZV	Valdez West	WCSM	Coso Springs S
VANU	Vaenersborg		VLL	Laurance Lake	W02B	Bay Bridge West Pier 2	WCT	Wildcat Mountain
VANZ	Vanadzor		VLLM	Larch Mountain	W05B	Bay Bridge West Pier 5	WCU	Willow Creek
VAO	Valinhos		VLO	Vlora	W12A	Cal Nev Ari	WCXM	China Lake Receiver Site
VAO2	Atibaia		VLP	Valparaiso	W13A	Hualapai Mountain	WCZ	Waipu Caves
VAO3	Socorro		VLR	Valea Ierii	W14A	Seligman	WD	Windom
VAR	Varanasi	IHA	VLS	Valsamata	W15A	Williams	WDB	Woudbloem
VARB	Varian Well		VLU	Vernal	W16A	Flagstaff	WDBM	Warragamba Dam
VARN	Col Varnada, Mel (BL)		VLV	Valdivia	W17A	Winslow	WDC	Whiskeytown Dam
VARR			VLW	Vlagentwedde	W18A	Petrified Forest	WDD	Wield Dalam
VAS	Vassijaure		VLX	Vlachokerasia	W19A	Sanders	WDG	Wallace Dam
VASS	Vassouras		VLY	Voula,Athens	W20A	Ramah	WDGT	Dunji
VAVA	Vava'u		VLZ	Valdez	W21A	San Fidel	WDIN	Wadesville
VAY	Valandovo		VMA	Markates	W22A	Albuquerque	WDIS	Woodlark Island
VBA	Sierra Ventana		VMC	Ville Marie	W23A	Werner Place, Edgewood	WDL	Douliou City
VBEM	Beaver Butte		VMG	Vicchio	W24A	Lazy 6 Ranch, Villanueva	WD-MN	Windom
VBG	Venebrugge		VMHM	Mount Hagen	W25A	X Bar L Ranch, Newkirk	WDS	Woodside
VBMS	Vicksburg		VMNM	Maupin	W26A	Owens Ranch, Tucumcari	WDT	Danda
VBN	Bulusan		VMO	Villa Marinero	W27A	Bowe Ranch, Endee	WDW	Wainui Dam
VBPM	Bald Peter		VMR	Mayon Resthouse	WA-	Watson	WDY	Woody
VBU	Buco		VMS	Misericordia	WA1	Wongan Hills	WEGH	Weija
VBV	Virginia Beach		VN-	Vernal	WA2	Wagin	WEIL	Weij am Rhein
VC1	Vinica-Bojanci		VN6*	Vulcanello	WA3	Talbot Brook	WEIN	Weingarten
VCB	Cotopaxi 1		VNA	Neumayer	WA4	Burakin	WEK	Wekak
VCA	Vinchina		VNA1	Neumayer--Station	WAA	Waris	WEL	Wellington
VCA2	Vineyard Canyon		VNA2	Neumayer--Watzmann	WAB	Wabag	WEMQ	Wemindji, Quebec
VCB	Cabagna-an		VNA3	Neumayer Olymp	WABN	Wabush	WEN	Wenatchee
VCEL	Villa Celiara		VND	Vanda	WACK	Wrangell Chichokna	WENL	Wente Brothers Winery
VCHI	Volcan Chico		VNDA	Vanda		Glacier	WEO	Welcome
VCLM	Crater Lake		VNDS	Vrh nad Dolskim	WAD	Wadsworth	WER	Werombi
VCN	Veracruz		VNE	Neochorion	WADM	Wardell	WERC	Wheeler Ridge
VCMM	Chase Mountain		VNG	Vunargo	WAGN	Wager Bay	WERD	Werda
VCMT	Victor		VNL	Vernal	WAH	Wahluke	WERN	Wernitzgruen
VCN	Canlaon		VNM	Villa de Garcia	WAH2	Wahluke Slope	WES	Weston
VCP	Volcan Cerro Prieto		VNNZ	Vanand	WAH	Wadi Hiliu	WESC	Westside School
VCR	Vista de Mar		VNT	Van	WAH2	Wakarara	WESE	West Dahl East
VCS	Vernal Corners		VN-UT	Vernal	WAH3	Wakarara	WESN	West Dahl North
VCT	Victoria		VNV	Volcan Villarrica	WAJ	Wairiri	WESS	West Dahl South
VDA	Vodivohitra		VNY	Varmlds Nysat	WAJ	Wa jima	WEST	Westmoreland
VDB	Vedder Mountain		VO-	Vinton	WAJH	Al Wajh	WET	Wetzell
VDCF	Villefranche		VOGL	Vogel Lake	WAK	Wakkanai	WEW	Wewak
VDF	Valdeflores		VO-IO	Vinton	WAKE	Wake Island	WF-	Wykoff
VDL	Val di Lei		VOIR	Voin	WAKJ	Wakkanai	WFAH	Fairbourne
VDM	Villiers-Adam		VOJS	Vojsko	WAKR	Walker	WFF	Whiting Field
VDQ	Val d'Or		VOL	Volimes	WAL	Wallace	WFM	Westford
VDW	Vunidawa		VOLV	El Volcan	WAL1	Walls	WF-MN	Wykoff
VEA	Veano		VOR	Voronezh	WALA	Waterton Lakes	WFSB	Wu-fen Shan
VEB	Veberod		VORD	Divnogorie	WALK	Watson Lake	WG2	Wallula Gap
VEH	Verkhnyaya Baza		VOS	Vostochnaya	WALU	Walls	WG3	Wallula Gap
VELZ	Veletz Rubio		VOS4	Vostochnaya array site	WAM	Wambrook	WGB	Walnut Grove
VEN	Venice		VOS5	Vostochnaya array site	WAMI	Wamena	WGBM	Warragamba
VENT	Ventotene		VOS6	Vostochnaya array site	WAN	Wanliss Street	WKG	Gukeng
VER	Veracruz		VOS7	Vostochnaya array site	WANC	Wrangell North Crater	WGL	Warangal
VERF	Verneugheol		VOS8	Vostochnaya array site	WA-OK	Watson	WGLY	Wege
VERG	Veris		VOS9	Vostochnaya array site	WAR	Warsaw	WGM	Westboro
VES	Vestal, Richgrove		VOSK	Vostochnaya	WARB	Warburton	WGMW	Wallila Gap
VEW	Oceanview		VOU	Vouglans	WARN	West Arenal	WGZ	Waimangu
VEX	Veracruz		VOY	Vojsko	WAS	Washington	WH-	Whitehorse
VEZ	Veziropu		VPA	Pavliani	WASL	Wasel	WH2	Whipple Mountains 2
VFBM	Frederick Butte		VPD	Villa Park Dam	WASM	Alta Sierra Campground	WH2*	Whitehorse
VFI	Filaki		VPEM	Volcano Peak East	WAT	Watheroo	WH2YK	Whitehorse
VFP	Flag Point		VPIM	Pine Mountain	WATA	Walderalm	WHA	Wahaula
VG1	Voghera		VPK	Verdi Peak	WATZ	Wairara	WHAB	Al Wahab
VG2	Vista Grande		VPL	Vulcano Piano	WAU	Wau	WHB	Whistler
VGB	Gordon Butte		VPM	Saint Patrick Mountain	WAX	Waxell Ridge	WHC	Whitehorse
VGBM	Gordon Butte	VGB	VPP	Pira-Piraso	WAY	Waynesburg	WHF	Hehuan Shan
VGL	Glaifira		VPS	Volcan Poas	WAZ	Wanganui	WHFM	Hanning Flat
VGM	Villa Grajales		VPS2	Volcan Poas 2	WB0	Warramunga Array Site B0	WHFN	White Fish Lake
VGMM	Grass Mountain		VQS	Vieques	WB1	Warramunga Ar.	WHFO	Wadi Hawf
VGP	Chiapas		VRAC	Vranov	WB2	Warramunga Array Site B2	WHH	Whakatau
VGPM	Green Peter		VRBM	Round Butte Dam	WB3	Warramunga Array Site B3	WHI	Whitney
VGTM	Goat Mountain		VRC	Rainbow Creek	WB4	Warramunga Array Site B4	WHM	Wild Horse Parks
VGVI	Virgin Gorda		VRD	Vardenis	WB5	Warramunga Array Site B5	WHN	Wuhan
VGZ	Gonzales		VRF	Varrio	WB6	Warramunga Array Site B6	WHNE	Wahoo
VHBM	Hamelton Butte		VRHR	Novokhopersk	WB7	Warramunga Array Site B7	WHR	
VHEM	Hood Meadows East		VRI	Vrincioaia	WB8	Warramunga Array Site B8	WHSM	Haiwe Spring S
VHH	Hibok Hibok		VRN	Varnville	WB9	Warramunga Array Site B9	WHTZ	Whakaora
VHHM	High Heaven		VRNZ	Vardanashen	WBA	Furth	WHU	Wild Horse
VHM	Vista Hermosa		VRS	Kato Vasiliki	WBAQ	Buaraba 3	WHVM	Havilah
VHO	Vista Hermosa		VRSR	Storozhevoye	WBB	Darmstadt	WHW	Wright's Hill
VHOM	Mount Hebo		VRT	Varto	WBC	Weber Canyon	WHY	Whitehorse
VHTN	Van Hill		VRZ	Vera Road	WBD	Lorch/Rhein	WH-YK	Whitehorse
VHYM	Horsefly Mountain		VRZG	Vardzia	WBE	West Bromwich	WHZ	Wether Hill Road
VIB	Van Inlet		VRZT	Veris	WBG	Bieber	WI-	Winnemucca
VIC	Victoria		VSBM	Spring Butte	WBH	Biblis	WIC1	Willow Creek
VICH	Los Vilos		VSC	Varnville	WBHS	Wadi 'Ibn Hashbal	WIFE	Three Sisters--Wife
VIE	Vienna		VSCM	Scott Mountain	WBI	Whiskey Butte	WIGH	Winneba
VIEF	Viey		VSG	Visale	WBK	Wadi Bani Khalid	WIH	Wilkes Camp
VIEL	Selb-Vielitz		VSI	Simia	WBL	White Bluff	WIHG	Wadia
VIF	Vila Franca		VSK	Skopelos	WBM	Breckenridge Mountain	WIL	Wilkes
VIGE	Viggiano		VSL	Villasalto	WBN	Warburton	WILA	Wila
VIGV	El Vigia		VSM	San Miguel	WBNH	Wolfeboro	WILL	Willung South
VIH	Vielha		VSM	Salem	WBO	Williamsburg	WILN	Americas 2
VIK	Vik		VSP	Spence Mountain	WBR	Bronaber	WIM	Isle of Man
VIKU	Vikbolandet		VSS	Volcan San Salvador	WBS	Bird Springs	WIMIS	Wimmis
VIL	Villa Mercy		VST	Saint Thomas	WBT	Wolfeboro	WIN	Windhoek
VILA	Vilada		VSTC	Vista	WBU	Wilson Butte	WI-NV	Winnemucca
VILF	Villemus		VSTU	Vaestervik	WC1	Warramunga Array Site C1	WIS	Wister
VIM	Vimmerby		VSV	Vasula	WC2	Warramunga Array Site C2	WISC	Wilburton
VIMO	Victor Mine		VT-	Venator	WC3	Warramunga Array Site C3	WISH	Wishkah
VIN	Vineyard		VT1	Waterbury	WC4	Warramunga Array Site C4	WIT	Witteveen
VINC	Vinca		VTB1	Vitulano	WCB	Warramunga Array	WITU	Witu Islands
VINO	Villanova		VTM	Trout Creek Butte	WCB1	Church Bay	WIW	Wooded Island
VIP	Virginia Peak		VTDM	The Dalles	WCB2	Windy Craggy	WIZ	White Island
VIPM	Ingram Point		VTG	Vantage	WCC	Westchester Community College	WJPM	Johns Peak
VIR	Virginia		VTH	Erithrai	WCB	Warramunga Array	WK-	Williams Lake
VIRV	Villa del Rosario		VTHM	Trough	WCB1	Church Bay	WKA	Willalooka
VIS	Vishakhapatnam		VT-OR	Venator	WCB	Warramunga Array	WKB	White Rock
VISG	Visignano		VTS	Vitosha	WCB1	Church Bay	WK-BC	Williams Lake
VISK	Vishakhapatnam	VIS	VTU	Volcan Turrialba	WCB1	Church Bay	WKC	Walker Ridge
VISS	Vis@19nje		VTV	Victorville	WCB1	Church Bay	WKC2	Walker Ridge
VIT	Vineyard--Telemeter		VTY	Vatovaky	WCB1	Church Bay	WKE	Wake
VITF	Vittel		VUL	Vulcan	WCB1	Church Bay	WKH	Waikii
VIV	Vinh		VULT	Monte Vulture - Melfi	WCB1	Church Bay	WKJ	Wajiki
VIVF	Saint-Julien-le-Roux		VUN	Vunikawai	WCB1	Church Bay	WKM	Welkom
VIZ	Vizianagram		VVD	Valverde	WCC	Westchester Community College	WKME	Wakayama
VJD	Vijayawada		VVHS	Vashon High School SMO	WCCN	Westchester CC	WKR	Work Ranch
VJF	Virojoki		VVI	Villa di Villa	WCFM	Cactus Flat W		
VJYM	Jersey		VVLD	Villa Vallelonga	WCGM	China Gardens		
VKA	Vienna		VVO	Vivian				

Code	Station Name	Other	WRDH	Warideh	Y18A	Canyon Day Junior	YNBS	Yanbu' al Bahr
WKTm	Kern-Tulare		WRG	White River Glacier		High, Whiteriver	YNC	Yinchuan
WKU	Wakaura		WRH	Wood River Hill	Y19A	Nutrios	YND	Yaocade
WKY	Wakayama		WRM	Warmfontaine	Y20A	Horse Springs, Datil	YNEN	Yamba Lake Northeast
WKYJ	Wakayama 2		WRN	Worthington Mountains	Y21A	Point of Rocks	YNG	Young
WKZ	Wanaka		WRNM	Woronora		Canyon, Magdalena	YNGY	Yanguyl
WL-	Watson Lake	WL-YK	WRS	Warsak Dam	Y22A	Socorro	YNR	Norris Junction
WLA	Wittsburg Lake		WRVM	Rose V. Central	Y22C	IRIS PASSCAL	YNT	Yunotani
WLC	Llyn Conwy		WRW	Wenatchee Ridge		Instrument Center,	YOA	Uoyan
WLCT	Hsiaoliuchiu		WS-	Waterways		Socorro	YOGI	Yogyakarta
WLD	Wild Horse Canyon		WSA	Woomera	Y22D	IRIS PASSCAL	YOJ	Yonguni jima
WLDR	Wildhorse		WSAR	Wadi Sarin		Instrument Center,	YOK	Yokohama
WLF	Walferdange		WS-AT	Waterways		Socorro	YOKT	Yokooka
WLF1	Lynfaes		WSC	Washington Science Center		Lovelace Mesa, Carrizozo	YOMI	Yo Moklole
WLG	Waldron Ledge		WSCM	Short Canyon	Y23A	Capitan	YON	Yonago
WLHM	Little Horse		WSCO	Wright State	Y24A	Mesa, Roswell	YONJ	Yonago 2
WLI	Wellesley Island			University--Celina	Y25A	Elida	YOO	Oaxaca
WLJ	Wildlife		WSDO	Wright State	Y26A	Causey	YOS	Yoshiwara
WLK	Wiest Lake			University--Dayton	Y27A	Yakima	YOSH	Yoshimatsu
WLL	Williamstown		WSF	Szhu	YAG	Yagi	YOSQ	Ashton Mining of Canada property
WLM	Willow Mountain		WSH	Washington Hill	YAH	Yahtse		
WLO	Wilson		WSHM	Spangler Hills	YAG	Yautepec	YOU	Young
WLPM	Leibel Peak		WSI	Waingapu	YAK	Yakutsk	YOUB	Youbou, Lake Cowichan
WLS	Welschbruch		WSIL	West Salem	YAKW	Yakima	YOZ	Yozgat
WLVO	Wesleyville		WSLR	Whistler	YAL	Yalta	YPBB	Black Butte
WL-YK	Watson Lake		WSN	Warm Springs	YAM	Yamagata	YPBE	Bechler
WLZ	Whitehall		WSR	Warm Springs	YAMJ	Yamagata	YPBR	Bridge Bay
WM-	Williams	WM-AZ	WSP	Warm Springs	YAMN	Yamanlar	YPCJ	Canyon Junction
WMA	West Mesa		WSR	Warm Springs Repeater	YAN	Yangoru	YPDC	Denny Creek
WM-AZ	Williams		WSS	West Ashley	YANA	Yana	YPE	Yupe
WMBQ	Mount Brisbane		WSSR	Wesser Bold	YAO	Yaqui Meadows	YPPE	East Entrance
WMD			WST	Stwan	YAR	Yar	YPGV	Grant Village
WME	Myndd Eilian		WT-	Wartburg	YAS	Yuasa	YPHR	Hebgen Ridge
WMIH	Warmenhuizen		WTAZ	Waiatarua	YASH	Mount Yoash	YPHS	Hot Springs Basin
WML	Westmorland		WTC	Waterton	YASR	Yasny	YPLA	Lake Butte
WMN	Winnemucca		WTRC	Whites Canyon	YAT	Yaldymych	YPLB	Lake Butte
WMNY	West Monroe		WTCT	Ta-ch'eng	YA-WA	Yakima	YPLK	Lake Junction
WMO	Wichita Mountains Array		WTGQ	Toogoolawah	YAY	Yayoi	YPM	Purple Mountain
WMOK	Wichita Mountains		WTP	Ta-pu	YAYL	Yayladag	YPMF	Mesa Falls
WMOR	Whale Back Mountain		WTR	Waterville	YBH	Yreka Blue Horn	YPMI	Mary Lake
WMQ	Urumqi		WTRB	White River	YBIB	Yerba Buena Island	YPOF	Old Faithful
WMR	Waimanalo Ridge		WTRQ	Thallon Road	YBKN	Baker Lake, Hudson Bay	YPP	Pitchstone Plateau
WMS	West Middle School		WTS	Winterswijk	YBMT	Yellow Bay	YPPC	Pelican Cone
WMSJ	Wadi Mousa		WTSB	Winterswijk	YBT	Youssef Ben Tachfine	YPRL	Red Lodge
WMTN	White Oak Mountain		WTTA	Wattenberg	YCB	Yellow Creek Bluff	YPSB	Soda Butte
WMU	West Mountain		WT-TN	Wartburg	YCM	YMCA Camp	YPSE	South Entrance
WMUT	West Mountain		WTU	Western Traverse	YE6	Yeelanna, site6	YPT	Yellepit
WMV	Walker Mountain		WTUG	Tugumak	YECH	El Yeso	YPTB	Twin Buttes
WMY	Wakamiya		WTV	Waterville	YEG	Yeguas Mountain	YPTS	Trude Siding
WMZ	Williams		WTV	Waterville	YEL	Yellow Rock	YPWB	West Boundary
WN-	Winner	WN-SD	WTVZ	West Tongariro	YEL1	Yell	YR-	Yreka
WNC	Wilmington		WTW	West Thumb	YELT	Yellice	YRC	Rhoscolyn
WND	Windham		WTX	Workman Tunnel	YELU	Yell	YR-CL	Yreka
WNDE	Wendo Genet		WTZ	Whakatane	YER	Yerkesik	YRE	Yr Eifi
WNH	Whiteface		WUAZ	Wupatki	YERM	Yerranderie	YRH	Rhiw
WNMM	Nine Mile Canyon	NMC	WUC	Wuhan	YF2NV	Yucca Flat NTS	YRTN	Rankin Inlet
WNN	Wann		WUEJ	Wuestenhain	YF3NV	Yucca Flat NTS	YSA	Yasawairara
WNR	Windsor		WUH	Wuhan	YF4NV	Yucca Flat NTS	YSK	Yokosuka
WNS	Wenas		WUJ	Wuhan	YF-NV	Yucca Flat NTS	YSM	Yoshimatsu
WN-SD	Winner		WUS	Wushi	YFT	Old Faithful	YSNY	Yorkshire
WNT	Mingjian		WUW	Wuwei	YGI	Yagi	YSS	Yuzh-Sakhalinsk
WNVZ	Wahianoa		WUWY	Wally Ulrich	YHB	Horse Butte	YST	Yumesaki
WNW	Wenatchee		WVIL	Wabash College	YHH	Holmes Hill	YSUO	Youngstown State
WNY	Wilmington		WVL	Waterville	YHJ	Yallahs		University
WNZ	Wairakei		WVLY	West Valley	YHK	Yuen Ng Fan	YTC	Trail Creek
WO-	Winslow	WO-AZ	WVOR	Wild Horse Valley	YHKE	Yahiko	YTR	Yattir
WO-AZ	Winslow		WVPM	Volcano Peak E	YHNB	Yeheng	YTP	The Promontory
WOB	Weather Observatory		WVR	Vyrnwy	YIN	Yingkou	YTV	Yen Tu
WOFM	Oak Flat		WVT	Waverly	YJA	Yavi	YUH	Yuha Desert
WOH	Wood Valley		WVUT	Wellsville	YJC	Joseph's Coat	YUK	Yuzh-Kuril'sk
WOL	Wolverton		WVZ	Waitaha Valley	YKA	Yellowknife Array	YULB	Yu-ii
WON	Wolverton North		WW-	Wah Wah Mts		Beam Reference Point	YUM	Yumen
WOO	Woodstock		WWHQ	Vivenhoe Hill 3	YKB0	Yellowknife Array Site B0	YUMT	Yumurtalik
WOOL	Woolbar		WWHS	Walla Walla High School ANSS SMO	YKB1	Yellowknife Array Site B1	YUO	Iwo jima
WOOM	Toowoomba		WWKK	Wewakk	YKB2	Yellowknife Array Site B2	YUP	Yupitpeque
WOR	Worcester		WWPM	Walker Pass	YKB3	Yellowknife Array Site B3	YURE	YUREGIR
WORM	Onyx Ranch		WWR	Whitewater	YKB4	Yellowknife Array Site B4	YUS	Yu-Shan
WOSB	Woss		WW-UT	Wah Wah Mountains	YKB5	Yellowknife Array Sites B5 and R8	YWY	West Yellowstone
WPA	Woody Point		WWW	Wewak	YKB6	Yellowknife Array Site B6	YYI	Yaongiinsen
WPB	Watts Point		WY-	Wynne	YKB7	Yellowknife Array Site B7	Yyyy	Yonkie
WPH	West Pit		WYO	Wyoming Array	YKB8	Yellowknife Array Site B8	YZT	Yamasaki
WPHZ	Waipukurau		WYA	Wyangala	YKB9	Yellowknife Array Site B9	YZU	Yuzawa
WPI	Wilson Peak		WY-AR	Wynne	YKC	Yellowknife	Z13A	Yuma Proving Grounds (US Army), Dateland
WPL	Puli Township		WYBT	Wynnborg	YKE	Yakedake	Z14A	Wintersburg
WPM	White Pine		WYH	Wyhlen	YKGM	Yakataga	Z15A	Gila River Indian Community, Laveen
WPM1	Penmaenmawr		WYL	Yuanlin Township	YKI	Yokaichiba	Z16A	Peralta Trail, Apache Junction
WPMQ	Pine Mountain		WYO	Wyoming Array	YKLR	Yuktali	Z17A	San Carlos High School, San Carlos
WPNY	West Park		WZ-NV	Warm Springs	YKM	Yaak	Z18A	Geronimo
WPO	West Portland		X13A	Yucca	YKR0	Yellowknife Array	Z19A	T-Link Ranch, Clifton
WPOG	Pogromni		X14A	Yava	YKR1	Yellowknife Array Site R1	Z20A	Nine Sixteen Ranch, Cliff
WPR	Ward Pound Ridge		X15A	Humboldt	YKR2	Yellowknife Array Site R2	Z21A	St. Cloud Mine, Winston
WP-TX	Wills Point		X16A	Lo Mia Camp, Pine	YKR3	Yellowknife Array Site R3	Z22A	Elephant Butte, Truth or Consequences
WPVZ	Whakapapa		X17A	Forest Lakes	YKR4	Yellowknife Array Site R4	Z23A	Rita Site, White Sands Missile Range
WPW	White Pass		X18A	Snowflake	YKR5	Yellowknife Array Site R5	Z24A	Sheeppen Canyon, Tinnie
WPZ	Waipapa Point		X19A	St. Johns	YKR6	Yellowknife Array Site R6	Z25A	Roswell
WQ-IL	Watseka		X20A	Quemado	YKR7	Yellowknife Array Site R7	Z26A	Caprock
WR-	Walnut Ridge	WR-AR	X21A	Alamocita Creek, Datil	YKR8	Yellowknife Ar.	Z27A	Tatum
WR0	Warramunga Array Site R0		X22A	Bernardo	YKR9	Yellowknife Array Site R9	ZA1	Zafferana
WR1	Warramunga Array Site R1		X23A	Hourglass Bar Ranch, Mountainair	YKS	Yaku shima	ZAA0	Zalesovo Array Site A0
WR2	Warramunga Array Site R2		X24A	Lazy VL Ranch, Encino	YKT	Yakutat	ZAA1	Zalesovo Array Site A1
WR3	Warramunga Array Site R3		X25A	Clemmons Ranch, Yeso	YKU	Yakutat	ZAA2	Zalesovo Array Site A2
WR4	Warramunga Array Site R4		X26A	CR and CF Franklin Farms, Melrose	YKU2	Yakutat	ZAA3	Zalesovo Array Site A3
WR5	Warramunga Array Site R5		X27A	F and S Farms, Texico	YKW1	Yellowknife Array Site W1	ZAB	Zabrze
WR6	Warramunga Array Site R6		XAL	Allendale	YKW2	Yellowknife Array Site W2	ZAB1	Zalesovo Array Site B1
WR7	Warramunga Array Site R7		XAN	Xi'an	YKW3	Yellowknife Array Site W3	ZAB2	Zalesovo Array Site B2
WR8	Warramunga Array Site R8		XAVN	Gruta Xavier	YKW4	Yellowknife Array site W4	ZAB3	Zalesovo Array Site B3
WR9	Warramunga Array Site R9		XDE	Dent Fell	YLA	Ilan	ZAB4	Zalesovo Array Site B4
WRA	Warramunga Array Beam Reference Point		XIN	Xingo	YLE	Yale	ZAB5	Zalesovo Array Site B5
WRAB	Tennant Creek		XIO	Khios Island	YLL	Lianberis	ZAC	Zacatic
WRAI	Warramunga Infrasound Array Beam Reference Point		XLV	Seldovia	YLT	Little Thumb Creek	ZACH	Zapallar
WRAK	Wrangell Island		XMAS	Kiritimati	YLYR	Yalova	ZAG	Zagreb
WRB	Warramunga Array		XMI	Christmas Island	YMBN	Yamba Lake	ZAG*	Zagreb
WRC	Williams Ranch		XMS	Christmas Island	YMC	Maple Creek	ZAI	Zaio
WRCM	Renegade Can. W	RCWM	XNZR	Khunzakh	YMD	Yuma Desert	ZAIG	Zacatecas
WRCQ	Reedy Creek 5		XOR	Xorichti	YML	Mary Lake	ZAK	Zakamensk
WRD	Warden		XRY	Khriis	YMNV	Yucca Mountain	ZAL	Zalesovo
			XSO	Sourhope Farm	YMP	Mirror Lake Plateau	ZALV	Zalesovo Beam
			XTAL		YMR	Madison River	ZAM	Aeronautique
			XTNZ	Xhotanan	YMS	Mount Sheridan	ZAN	Zante
			Y12C	Blythe	YMT1	Yucca Mountain	ZANG	Zanguenga, Chorrera
			Y13A	Salome	YMT2	Yucca Mountain	ZAPC	Zavoj/Piro
			Y14A	Wickenburg	YMT3	Yucca Mountain	ZATK	Zatriq
			Y15A	Casa Rosa Ranch, Morristown	YMT4	Yucca Mountain		
			Y16A	Circle Bar Ranch, Sunflower	YMT5	Yucca Mountain		
			Y17A	Roosevelt	YMT6	Yucca Mountain		
					YMV	Mammoth Vault		
					YMZ	Yamizo		
					YMZU	Yamizo		
					YNB	Natural Bridge		

Code	Station Name	Other
ZAV	Zavalia	
ZAVE	Correggio Bag	
ZAVS	Zavodnje	
ZBID	Zabid	
ZCCA	Zocca	
ZE A	Zeya	
ZEI	Tsey	
ZEIT		
ZEM	Michoacan	
ZER	Zerhoun	
ZFRI	Zfri	
ZFT	Errachidia	
ZGN	Zaghuan	
ZGT	Zonguldak	
ZHC	Zelena Hora	
ZHGX	Zihuatanejo	
ZHI	Cilov Adasi	
ZHSF	Zahedan	
ZIH	Zihuatanejo	
ZIIG	Zihuatanejo	
ZIM	Zimchurud	
ZIMR		
ZIN	Mount Zion Church	
ZIP	Tsipikan	
ZIS	Zishin	
ZKR	Zakros	
ZKT	Zaqatala	
ZKW	Sheshan	
ZLA	Zuerich Laegern	
ZLN	Zelenaya	
ZLP	Zongo (La Paz)	ZOBO
ZLV	Zuidlaarderveen	
ZMP	Zamboanga	
ZMPH	Zamboanga City	
ZNH	Zanoah	
ZNM		
ZNT	Zur Nathan	
ZOBO	Zongo (La Paz)	
ZOMB	Zomba	
ZON	Zonda	
ZOU	Zoufplan	
ZOX	Ground Zero	GZN
ZRHB	Zarechye	
ZRN4	Zerenda array site	
ZRN5	Zerenda array site	
ZRN6	Zerenda array site	
ZRN7	Zerenda array site	
ZRN8	Zerenda array site	
ZRN9	Zerenda array site	
ZRNK	Zerenda	
ZSC	Sheshan	
ZSC*	Sheshan	
ZSH	Tsaishi	
ZSP	San Pablo Dam	
ZST	Bratislava	
ZTZ	Tsit'eli Tsqaro	
ZUG	Zugdidi	
ZUL	Zurich-Lageren	
ZUQR	Zugar Island	
ZUR	Zurich	
ZZA	Chiapas	
ZZT	Zu Zu	

Code	Station Name	Other								
KZW	Kaizawa		HIR1	Hiroshima	TAD	Tadotsu	JJK	Kushima		
JANG	Nango		HIR	Hiroshima	TKM	Takamatsu	JNAR	Kushima-Naru		
JOT	Ohata		HIRJ	Hiroshima 2	<i>Kagoshima</i>			MYZ	Miyazaki	
JSI	Shiura		JJG	Jouge	FURD	Furusato	MYZ2	Miyazaki 2		
JSI2	Shiura 2		JHM	Kurahashi	GON	Gongen	NOB	Noboka		
TNB	Tanabu		KRE	Kure	HIKD	Hikinohira	KV09	Okamoto-Ura		
JTM	Tenmabayashi		KUT	Kutsugahara	KAG	Kagoshima	JTZ	Takazaki		
YAY	Yayoi		MKW	Mikawa	KAGJ	Kagoshima 2	JTSN	Tsuno		
<i>Bonin Islands</i>			NKR	Nakanohara	KV01	Kirishima Volcano	KV91	Ura		
CBIJ	Chichi jima		JHS	Saijyo	KITD	Kitadake	<i>Nagano</i>			
CBI	Chichi jima		SHK	Shiraki	KOID	Koike	AVOE	Asama Observatory		
TTZ	Chichi shima		JHT	Toyohira	NABD	Nabeyama	ASM	Asama Yama		
HJJ	Hachijo jima		UZT	Uzuto	NOJ	Nojiri	GPY	Gippayama		
HJJ	Hachijo jima 2		<i>Hiyama</i>			JZO	Okuchi	HSJ	Hoshina	
JHHJ	Haha-jima-NKT		JHY	Hiyama	KV05	Oonami East	HTK	Hotokeiwa		
YUO	Iwo jima		IMG	Imagane	KV03	Oonami West	HZA	Huzimizaka		
KJO	Kozu shima		KKJ	Kaminokuni	SHR	Shimokoshiki	IJD	Iida	IIDJ	
JHJ2	Mitsune		OKS	Okushiri	SHRD	Shirahama	IIDJ	Iida		
MKJ	Miyake jima		JOSM	Okushiri--Matsue	KV12	Sinyu	IID	Iida		
JMY	Miyakejima3		JOR	Okushj	JSU	Suzuyama	IKJ	Ikusaka		
NJJ	Nii jima		JSH	Shimam	KV11	Takachiho West	KRJ	Kaminuroga		
NJJJ	Nii jima 2		JSR	Shiruchi	JTSR	Tashiro 2	KRZ	Karuizawa	KAZ	
OGS	Ogasawara		<i>Hokkaido</i>			YSM	Yoshimatsu	KAZ	Karuizawa	
OSH	Oshima		IWN	Iwanai	YOSD	Yoshimatsu	KSJ	Kashima		
OSHJ	Oshima		<i>Honshu</i>			<i>Kamikawa</i>			KMGE	Kuromamegawa
JIM	O shima 2		BSO1	Boso 1	AIB	Aibetsu	MJ00	Matshushiro Site		
JIM2	Oshima 3		BSO2	Boso 2	ASAJ	Asahikawa	MJA0	Matsu Arr-Jizo		
TOR	Tori shima		BSO3	Boso 3	ASA	Asahikawa	MJB3	Matsu-Daira		
<i>Chiba</i>			BSO4	Boso 4	JFR	Furan	MJB8	Matsu-Inaba		
COJ	Choshi		<i>Hyogo</i>			JKK2	Kamakawa 2	MJB6	Matsu-Irikaruiz	
CHOJ	Chosi		JAJ	Awaji shima	JKK	Kamikawa	MJA4	Matsu-Jizotouge		
CHO1	Chosi		HMTD	Hikami	<i>Kanagawa</i>			MTMJ	Matsumoto	
CHO	Chosi		HIM	Himeji	KMK	Kamakura	MTM	Matsumoto		
ICH	Ichihara		IZT	Izumi	HRM	Kawasaki	MJB4	Matsu-Nakagumi		
INB	Inubo		KZT	Kanzaki	ASG	Minamiashigara	MJA2	Matsu-Nakaone		
IWJ	Iwai-Kita		JKS	Kasai	MSK	Misaki	MAT	Matsushiro		
KTR	Katsuura		JKSM	Kasumi	JOD	Odawara	MAJO	Matsushiro		
KYS	Kiyosumi		KOB	Kobe	JOD2	Odawara 2	MJAR	Matsushiro Array Beam		
KIY	Kiyosumi		KBE	Kobe	OYM	Oyama	Reference Point			
TMS	Mera		JMT	Mikata	SRY	Shiroyama	MAT0	Matsushiro Array Site 0		
MNJ	Mineoka		MZT	Mikazuki	TKE	Take-yama	MJ01	Matsushiro Array Site 1		
JCN	Nagara		JMIK	Miki	YOK	Yokohama	MJ02	Matsushiro Array Site 2		
SKU	Sakura		OYT	Oya 1	JYO	Yokosaka	MJ04	Matsushiro Array Site 4		
SMJ	Shimohsa		OYT2	Oya 2	YSK	Yokosuka	MJ03	Matsushiro Array Site 4		
TAT	Tateyama		RKO	Rokko	<i>Kochi</i>			MJ05	Matsushiro Array Site 5	
TYM	Tateyama		SNZ	Senzan	AOU	Aou	MJ06	Matsushiro Array Site 6		
TATJ	Tateyama 2		SUM	Sumoto	ASZ	Ashizuri	MJA3	Matsu-Soehiyama		
TOG	Togane		TTOK	Tanto	IHR	Ishihara	MJB2	Matsu-Sugadaira		
YKI	Yokaichiba		TYK	Toyo'oka	KOC	Kochi	MJB1	Matsu-Takimoto		
<i>Ehime</i>			TNAK	Tsuna	JKU	Kubokawa	MJA1	Matsu-Toyosaka		
MTY	Matsuyama		JAJ2	Tsuna	JMN	Monobe	MJB9	Matsu-Tunnel		
JNA	Nagahama		YZT	Yamasaki	MRT	Murotomisaki	MJB7	Matsu-Wadaira		
NHM	Niihama		YST	Yumesaki	MRMJ	Muroto Misaki	MJB5	Matsu-Yatsubo		
JET	Tanbara		<i>Ibaraki</i>			MRT2	Murotomisaki 2	NGN	Nagano	
UWA	Uwa jima		KAK	Kakioka	SHM	Shimizu	NGJ	Na-gawa		
UWA2	Uwa jima 2		KAKJ	Kakioka Outpost	JTO	Tosashimizu	NNJ	Nakano		
<i>Fukui</i>			MIT	Mito	URS	Ugururu	NSW	Nakanosawa		
FUK	Fukui		MRJ	Moriya	UMJ	Umaji	JNG	Nsakai		
FKJD	Fukui		MTJ	Mount Tsukuba	WMY	Wakamiya	OMJ	Ohmine		
HKJ	Hokoriku		OKI	Okijuku	<i>Kumamoto</i>			OIW	Oiwake	
IMJ	Imajo		TSK	Tsukuba	ASO	Aso	OOS	Ooshika		
KADD	Katsuyama		JYT	Yasato	ASJ	Aso san	SDJ	Sanada		
KAJD	Katsuyama		<i>Iburi</i>			HONK	Hondo	STRE	Sannotorii	
MHJ	Mihama		GENH	Genta-Ana	JHD	Hondo	SSZ	Sekisonzan		
SGJ	Sugihashi		HORH	Horomina	JIU	Izumi	SHZE	Shinhuzimiza		
TSR	Tsuruga		NRMH	Kita-Gairin	JIU2	Izumi 2	SSJ	Shinshu-shinmi		
TSRJ	Tsuruga		KITH	Kitausu	KISK	Kishima-dake	JNY	Yasuok		
<i>Fukuoka</i>			KONH	Konpirayama	KUM	Kumamoto	<i>Nagasaki</i>			
JFA	Akaike		MATH	Matsumotoyama	KUMJ	Kumamoto 2	CJA	Chijiwa		
AKM	Akama		SRMH	Minami-Gairin	MAKK	Maki	FKJ	Fukue		
FKK	Fukuoka		MITH	Mitoyo	SUNK	Sunaseri	JFU	Fukue jima 2		
IZK	Izuka		MRR	Muroran	TAKK	Taka-dake	JJI	Iki		
JFI	Itaya		MRRJ	Muroran 2	JTA	Tamana	IZUJ	Izuhara		
<i>Fukushima</i>			JNB	Noboribetsu	<i>Kushiro</i>			IZU	Izuhara	
AID	Aizu		OHD	Ohdaira	AKK	Akkeshi	IZU2	Izuhara 2		
FKS	Fukushima		SHOH	Showa-Shinzan	JAR	Ashorobuto	NGS	Nagasaki		
JHK	Hiroka		TATH	Tatsuka	KSUJ	Kushiro	NGSJ	Nagasakinomozaki		
IWK	Iwaki		TMR	Tomakomai	KUS	Kushiro	SWAJ	Obama		
ONAJ	Iwakimizuishiyama		UVO	Usu Kazan Kan	KUSJ	Kushiro	SHV	Shimbara		
KNY	Kanayama		<i>Ishikari</i>			JOB	Onbets	TOM	Tomie	
JFK	Kawauchi		JEW	Eniwo	TES	Teshikaga	JTU	Tsushima		
MAKT	Makukawa		HSS	Hokkaido University	Kyoto		UNZ	Unzen dake		
ONA	Onahama		SAP	Sapporo	KMM	Kamigamo	JUR	Ureshino		
JFT	Otama		<i>Ishikawa</i>			KGMM	Kamigamo	<i>Nara</i>		
SHR	Shirakawa		JJH	Hakui	KHK	Keihoku	HBR	Haibara		
SHRJ	Shirakawa 2		JHG	Hegura jima	KYO	Kyoto	JHE	Heguri		
JFY	Yanaizu		HRJ	Horyu	MZH	Maizuru	NARA	Nara		
<i>Gifu</i>			JKG	Kaga	MAI	Maizuru	SRT	Sarutani		
AMJ	Amo		KAN	Kanazawa	MZH2	Maizuru 2	YAG	Yagi		
GIF	Gifu		KANJ	Kanazawa	JFM	Mihama	<i>Nemuro</i>			
ITD	Itadori		KAN2	Kanazawa 2	MYD	Miyazu	JNK	Nakash		
KTJD	Kamitakara		KMJD	Komatsu	SZG	Shizugawa	NEM	Nemuro		
JGF	Kuroka		KMD	Komatsu	TNJ	Tannan	NEM2	Nemuro 2		
KHJ	Kushihara		JSZ	Suzu	UJI	Uji	NMR	Nemuro--Hokkaido		
MZE	Maze		WAJ	Wa jima	JWT	Wachi	University	Rausu		
JGM	Miyama		<i>Iwate</i>			JKY	Yasaka	<i>Niigata</i>		
JGN	Niukaw		K06	Arakawa	<i>Marcus Island</i>			AIK	Aikawa	
JAO	Obara		K11	Fujikirizawa	MCS	Marcus Island	JAW	Awa shima		
OHRN	Oohira		HSJ	Hashikami	MCSJ	Minami-tori-shima	ITGE	Itoigawa		
SMJD	Shimonomoto		HMK	Himekami	<i>Mie</i>			JIZZ	Izumozaki	
SPJN	Shinpuuji		JMK	Ichinoseki	GOZ	Gozaisho	KZK	Kashiwa-zaki		
SRJD	Shirakawa		IMAT	Imadeyama	GZS	Gozaisho	KZJ	Kashiwa-zaki		
SRJ	Sugihara		K05	Ishipane	INA	inan	JJN	Nakama		
TKN	Takane		KGJ	Kitakami	JIE	Ise	NII	Niigata		
TAKN	Takayama		K12	Koide	ISE	Ise	NIIJ	Niigata 2		
TKY	Takayama		K04	Kokoji	IWO	Iwaosan	NOUE	Nou		
TKZ	Takazawasan		K07	Kotohata	KMYN	Kameyama	JSD	Sado		
TKJD	Tokuyama		JKZ	Kuzumaki	KAM	Kameyama	JNS	Sasagawa		
TKC	Tsukechi		MKO	Miyako	JKN	Kinagashima	SBH	Shibata		
YKE	Yakedake		MIY	Miyako	OWA	Owase	TKJ	Takada		
<i>Gumma</i>			MIYJ	Miyakonagasawa	TSU1	Tsu	TKD	Takada		
JGK	Kuni		MIZ	Mizusawa	TSU	Tsu	YHKE	Yahiko		
MAE	Maebashi		MIW	Mizusawa	TSUJ	Tsu 2	YNT	Yunotani		
MAEJ	Maebashi 2		K08	Monomi-yama	UGK	Ugakei	YZU	Yuzawa		
ODSE	Onioshidashi		MRK	Morioka	<i>Miyagi</i>			<i>Oita</i>		
<i>Hidaka</i>			MRKJ	Morioka 2	AOB	Aobayama	BEP	Beppu		
JBT	Biratori		K01	Nishinai	ISN	Ishinomaki	JKI	Kunimi		
JBT2	Biratori 2		OFUJ	Ofunato	KMF	Kamafusa	JNU	Nakatsue		
ERM	Erimo		OFU	Ofunato	KWT	Kawatabi	OIT	Oita		
JEM	Erimo		JOM	Ohasama	KSN	Kinkasan	OIT2	Oita 2		
HIC	Hidaka-Cho		K09	Ooide	JMM	Marumori	JUS	Usuki		
KMU	Kamikineusu		K10	Oonodaira	JIO	Ouri	<i>Okayama</i>			
MSN	Misono		JRG	Rokugo	SEN	Sendai	JAD	Aida		
MUJ	Mitsuishi		SNI	Sanriku	TUY	Tsuyama	OKA1	Okayama		
URA	Urakawa		SAH	Sawauchi	<i>Miyazaki</i>			OKA	Okayama	
URAJ	Urakawa 2		K03	Shimochinai	JMH	Hososhima	OKA2	Okayama 2		
URA3	Urakawa 3		JTH	Tanohata	KV02	Kamimonzen	<i>Osaka</i>			
JNBK	Urakawa-nobuka		K02	Yamasaki	KV06	Karakunidake	ABU	Abuyama		
<i>Hiroshima</i>			KDT	Kodera	JKJ	Kijo	KAJ	Kashiwara		
			<i>Kagawa</i>			JKIT	Kitakata	KTNK	Katano	
			JJS	Sakaide	KV04	Kurino-dake				

Code	Station Name	Other	PGBAU BIAL	Baubata Biiala	LML LKW LMG MAD MDG MNDI MCAS NADZ NAMA PIAM PDIU POP PMG PUR TBL TZZ OKTD TPN WAB WAA WAW WEW WWW WEK WWKK YAN YYYY Solomon PIV	Lae--Mount Lunaman Lake Wisdom Lamington Madang Madang Mendi Mount Castle Nadzab Namatani Païam Pindiu Popondetta Port Moresby Purari Tabele Tabubil Tabubil Tapini Wabag Waris Wau Wewak Wewak Wewak Wewak Yangoru Yonkie Piva	BUKP PAGZ PPH SNPH SCPH ZMP ZMPH Mindoro ABP LUBP PGP S.JMP Negros VCB VCN Palawan BATP BUSP CUYO ENPP PPR Panay AAP ILO GUIM KALP OTRP PDP PAP RCP SIPH GOP SHMP Samar BESP CNP	Musuan Pagadian Pasian Peak Sibulan Surigao Zamboanga Zamboanga City Abra de Ilog Lubang Puerto Galera San Jose Cabagna-an Canlaon Bataraza Coron Cuyo Island El Nido Puerto Princesa Anini-y Iloilo Jordan Kalibo Odiongan Pandan Pandan Roxas Barangay Tapao Guinayangan Susana Heights Borongan Catarman	
ARSB	Arslanbob		North Korea						
BTk	Baitken		PyO	Pyongyang					
BGK	Belogorka		Oman						
BGK2	Belogorka 2		ARO	Araqi					
FRU	Bishkek		ASHO	Ashiyiah					
EKS2	Erkin-Say		ABTO	Aybut					
EKS	Erkin-Say		BANOM	Banah					
KBK	Karagaybulak		BIDO	Bidbid					
KZA	Kyzart		BSYO	Bisya					
KZAD	Kyzyl-Adyr		BSY	Bisya					
MNAS	Manas		HOQ	Hoqain					
NRN	Naryn		JMDO	Jabal Madar					
OTK	Orto-Tokoy		KTMO	Khatum					
OHH	Osh		QHRO	Qairoon Hariti					
PRZ	Przheval'sk		RBK	Rabkut					
RYB	Rybach'ye		SMDO	Samad					
SFK	Sufi-Kurgan		SHAO	Shalim					
TRKS	Terek-Say		WHFO	Wadi Hawf					
UCH	Uchtor		Orenburgskaya Oblast'						
ULHL	Ulahol		ORR	Orenburg					
Lebanon			Pakistan						
BEYL	Beyrouth		AMP	Ambar					
BHL	Bhannes		BGP	Bagra					
DWR	Dweir		CBP	Campbellpur					
FKH	Fakeheh		CKP	Chanarkot					
HWQ	Hawqa		CPA	Chapri					
KSA	Ksara		CEP	Cherat					
MATL	Matrih		CHCP	Chirah Chowk					
OSB	Osaybeh		DBP	Darband					
RCY	Rachaya		DRP	Derazinda					
Lombok			KAR	Karachi					
MTNI	Mataram		KIA	Kiara Terrace					
Magadanskaya Oblast'			LAH	Lahore					
EVNR	Evensk		MNL	Mangla					
GOLD	Kubaka		NTP	Nathian					
NGR	Sinegor'e		NIL	Nilore					
Malaysia			PAKO	Pari Array Site 0					
Peninsular Malaysia			PES	Peshawar					
IPM	Ipoh		PSH	Peshawar					
FRIM	Kepong		QIB	Qibla Bandi					
KGM	Kluang		QUE	Quetta					
KLM	Kuala Lumpur		RBH	Right Bank House--Pihur					
KTMY	Kuala Trengganu	KTGM	SAD	Saidpur					
KTGM	Kuala Trengganu		SARP	Sargodha					
KULM	Kulim		SBDP	Sheikh Budin					
Sabah			SIP	Shinkari					
KKM	Kota Kinabalu		SWR	Swabi-Maira					
KDM	Kudat		TRB	Tarbela					
SDKM	Sandakan		THW	Thamme Wali					
TSM	Tawau		WRS	Warsak Dam					
Sarawak			Papua New Guinea						
BTM	Bintulu		Admiralty Islands						
KSM	Kuching		MOM	Momote					
SBUM	Sibu		Bougainville						
Maldives			KOA	Kobuan					
HMDM	Hanimaadhoo		BGA	Mount Bagana					
Mie			PAA	Panguna					
JKN2	Miekihoku		D'Entrecasteaux Islands						
Mindanao			BDO	Budoia					
SGSI	Sangihe		ESA	Esa-ala					
Moluccas			ESS	Esa-ala					
GTOI	Gorontalo		LOSU	Losuia					
TNTI	Ternate		WDIS	Woodlark Island					
Mongolia			New Britain						
BYO	Bayan-Olgii		BOI	Boisen					
BLGM	Bulgan		CGA	Cape Gloucester Airport					
DZD	Dalanzadgad		DOY	Duke of York Island					
EBM	Esen Bulak		DAW	Hoskins					
HTG	Hatgal		PGKAI	Kaiamu					
HBD	Hovd		KRT	Keravat					
SONM	Songino Array Beam Reference Point		KET	Keravat					
SONA0	Songino Array Site A0		KCM	Kilenge					
SONA1	Songino Array Site A1		KMB	Kimbe					
SONA2	Songino Array Site A2		KMBE	Kimbe					
SONA3	Songino Array Site A3		LAG	Langila					
SONA4	Songino Array Site A4		PGMAR	Marapu					
SONB1	Songino Array Site B1		MIP	Matupit					
SONB3	Songino Array Site B3		MPT	Matupit Island					
SONB4	Songino Array Site B4		EVZ	Mount Varzin					
SONB5	Songino Array Site B5		NIS	Nissan Island					
SONB2	Songino Ar. Site		PNB	Pomio					
TSC	Tosontsengel		RAL	Rabalanakaia					
TTS	Tsetserleg		RAB	Rabaul					
ULN	Ulaanbaatar		ERB	Rabaul (IGS)					
ULG	Ulaangom		RPT	Raluana Point					
OBM	Ulan Bator		RAP	Rapidik					
Myanmar			ESM	Semalu					
MND	Mandalay		SUL	Sulphur Creek					
RAN	Rangoon		TLS	Talasea					
Nepal			TKA	Tanaka					
BADN	Badegauja		TAV	Tavuvur					
BAYN	Bayana		ETV	Tovanakuss					
CHA	Chatra		ULA	Ulamona					
DMN	Daman		ULO	Ulamona					
DANN	Dangsing		VUL	Vulcan					
EVN	Everest		WAN	Wanliss Street					
GBAN	Gaibana		EWI	Watom Island					
GJRN	Ganjari		WITU	Witu Islands					
GNKN	Gaynekanda		New Ireland						
GHAN	Ghanteswor		EDY	Kabakon Island					
GKN	Gorkha		KAV	Kavieng					
GUN	Gumba		KVG	Kavieng					
HARN	Harre		EKN	Konogogo					
JIRN	Jiri		ELB	Lambom Island					
KKN	Kakani		LHIS	Lihir Island					
KOLN	Koldanda		AGE	Agenahambo					
LGAT	Lohaghat		AITP	Aitape					
MEGN	Megha		ALOT	Alotau					
ODAN	Odare		ALOA	Alotau					
PKIN	Phulchoki		BLLO	Bulolo					
PYUN	Piuthan		DNG	Daru					
PKI	Pulchoki		FINC	Finschhafen					
PUSN	Pusma		GRK1	Goroka					
RAMN	Ramite		GKA	Goroka					
TAPN	Taplejung		GRK	Goroka					
New Britain			KIAM	Kaiam					
			KKI	Karkar Island					
			KRG	Kerema					
			KDB	Konedobu					
			KPN	Kupiano					
			KUPN	Kupiano					
			KUTA	Kuta					
			LAE	Lae					
			LAT	Lae					
			Philippines						
			Batan Islands						
			BBP	Basco					
			BAP*	Basco					
			Cebu						
			CCP	Cebu City					
			LLP	Lapu-Lapu					
			MAP	Mactan					
			TBP	Tagbilaran					
			Leyte						
			MSLP	Maasin					
			OCLP	Ormoc					
			PLP	Palo					
			Luzon						
			AMB	Ambulong					
			ARP	Angono					
			BAF*	Baguio					
			BAG	Baguio City					
			BCP	Baguio City					
			BCPH	Baguio City Dairy Farm					
			BWP	Baguio Weather Station					
			BALP	Baler					
			BNP	Banawang					
			BTP	Batelco					
			NZB	Bigte					
			BOAC	Boac					
			BOLP	Bolinao					
			YBU	Buco					
			YBN	Bulusan					
			CVP	Callao Caves					
			CAUP	Cauayan					
			APYP	Conner					
			ABRA	Dolores					
			INF	Infanta					
			LEG	Legaspi					
			LGP	Legaspi					
			VLH	Lignon Hill					
			LYP	Liyang					
			LBPH	Los Banos					
			LQP	Lukban					
			MAN	Manila					
			MMPH	Masbate					
			MATI	Mati					
			VMR	Mayon Resthouse					
			VMS	Misericordia					
			MNP	Morong					
			NBP	Mount Natib					
			MSP	Mount Santo Tomas					
			SGCP	Mt. Cagua					

Kaliningradskaya Oblast'	VLA	Vladivostok	BHRA	Bahrah	KSRS	Korea Array
KNG Konigsberg	BEYR	Belyy Ugol+	BARA	Bahrah	KSMAS	Masan
Kaluzhskaya Oblast'	PEA0	opavlovsk-Kamchatskiy	BLJS	Baljurashi	KSMIY	MIRYANG
OBNI Obninsk		kiy Array Site A0	BIDS	Bir al Bayda'	KSMOP	Mokpo
Kamchatskaya Oblast'	PEA1	opavlovsk-Kamchatskiy	BMSH	Bir Mashii	KSMGY	Mungyeong
ALID Alaid		kiy Array Site A1	BISH	Bishah	KSMUG	Mungyeong
APC Apacha	PEA2	opavlovsk-Kamchatskiy	DHR	Dhahran	KSMUS	Musan
APN Apakhonchich		kiy Array Site A2	DHJN	Dharan Janob	KSNAW	Namwon
AVH Avacha	PEA3	opavlovsk-Kamchatskiy	DBAS	Duba	KSPHA	Pohang
BKI Bering		kiy Array Site A3	FRAS	Faraa	KSPOH	Pohang
BLCS Bulochka	PEB1	opavlovsk-Kamchatskiy	FRSS	Farasan al Kabir	PHN	Pohang
ESO Esso		kiy Array Site B1	HKNS	Hadbat Hakran	PUS	Pusan
GNL Ganaly	PEB2	opavlovsk-Kamchatskiy	HILS	Ha'il	KSSAC	SANCHEONG
GRL Gorelyy		kiy Array Site B2	HQL	Haql	KSSAJ	Sangju
INSR Institute	PEB3	opavlovsk-Kamchatskiy	HAQS	Haql	KSSGP	Seogwipo
KMNR Kamenistaya		kiy Array Site B3	ALWS	Ilw as Safayhah	KSSSP	Seongsanpo
KAMR Kamenskoye	PEB4	opavlovsk-Kamchatskiy	JMOS	Jabal al Moallq	KSSSE	Seosan
KRMR Karymshinskiy		kiy Array Site B4	FRJS	Jabal Farasan	KSSEO	Seoul
KII Karymskiy	PEB5	opavlovsk-Kamchatskiy	LBNS	Jabal Laban	SEO	Seoul
KLY Klyuchi		kiy Array Site B5	JMQS	Jabal Moqyreh	KSSOC	Sokcho
KPT Kopyto	Sakha		JAZS	Jizan	KSSCK	Sokcho
KOK Koryaka	ALDR	Aldan	JIZN	Jizan	KSSCH	SUNCHEON
KZL Kozel'skiy	ATKR	Artyk	KMSA	Khamasin	KSSWO	Suwon
KOZR Kozyr	BTGS	Batagay	KMTA	Khamis Mushayt	SYU	Syuhurei
KOZ* Kozyr	CGD	Chagda	KMTU	Khamis Mushayt	KSTBA	Taebaek
KOZ Kozyrevsk	CLNS	Chul'man	KBRS	Khaybar	TAE	Taegu
KRSR Krestovskiy	KHG	Khandyga	MADS	Madsous	TJN	Taejon
KRN Kronoki	NRGR	Nerungri	MKNA	Makna	KSTOY	TONGYEONG
KBG Krutoberegovo	PDY	Peleduy	MYKS	Mirrayikh	KSULJ	Uljjin
KBTR Krutoberegovo 1	PDYAR	Peleduy Array Beam	MZLS	Mizel	KSULL	Ulleungdo
LGNR Loginova		Reference Point	MOHS	Muhayil	KSULS	Ulsan
MIPR Malaya Ipel'ka	PDY31	Peleduy Array Site 31	NAJS	Najran	KSEUS	ULSEONG
MKZ Mys Kozlova	TIK	Tiksi	BODY	Near Bada	KSWAN	Wando
SPN Mys Shipunski	TIKI	Tiksi	MATS	Near Sharaf	KSWJU	Wonju
NLC Nalytchevo	TNDR	Tynda	QASM	Qassim	KSWON	Wonju
OSSF Ossora	USMR	Ust'-Maya	QRNS	Qurayyt al Milh	KSAR	Wonju Array Beam
PAU Pauzhetka	UNR	Ust'-Nera	RNYS	Ranyah		Reference Point
PET Petropavlovsk	YAK	Yakutsk	RYD	Riyadh		KS01 Wonju Array Site 1
PETK opavlovsk-Kamchatskiy		Sakhalinskaya Oblast'	RYDS	Riyadh		KS10 Wonju Array Site 10
	ESU	Esutoru	SRAT	Sarat Abidah		KS11 Wonju Array Site 11
	GOY	Gornyy	SRFA	Sharaf		KS12 Wonju Array Site 12
	KOS	Kosmodemyansk	SHRF	Sharaf		KS13 Wonju Array Site 13
	KUR	Kuril'sk	SALT	Sultana		KS14 Wonju Array Site 14
	LES	Lesozavodsk	TBKS	Tabuk		KS16 Wonju Array Site 16
	MLK*	Malo-Kuril'sk	TAF1	Taif		KS17 Wonju Array Site 17
	MAU	Matua	TATS	Tathlith		KS18 Wonju Array Site 18
	OKH	Okha	TAYS	Tayyib Ism		KS19 Wonju Array Site 19
	OOT	Ootomari	UMJS	Umm Lajj		KS02 Wonju Array Site 2
	OTI	Oti	UQSK	'Uqlat as Suqur		KS03 Wonju Array Site 3
	REI	Reidovoe	WBHS	Wadi 'Ibn Hashbal		KS32 Wonju Array Site 32
	SKR	Severo-Kuril'sk	HASS	Wahat al Ahsa'		KS33 Wonju Array Site 33
	SHO	Shikotan	WASL	Wasel		KS34 Wonju Array Site 34
	SKT*	Shikotan	YNBS	Yanbu' al Bahr		KS35 Wonju Array Site 35
	SKK	Sikka	DJNS	Zahrn al Janub		KS36 Wonju Array Site 36
	SIU	Simushir	DARB			KS37 Wonju Array Site 37
	TYV	Tymovskoe				KS04 Wonju Array Site 4
	UGL	Uglegorsk	Selatan			KS05 Wonju Array Site 5
	YUK	Yuzh-Kuril'sk	KBKI	Kotabaru		KS06 Wonju Array Site 6
	YSS	Yuzh-Sakhalinsk				KS07 Wonju Array Site 7
		Severo-Osetinskaya	Seram			KS08 Wonju Array Site 8
		BYAR Belyy Yar	MSAI	Masohi		KS09 Wonju Array Site 9
		CERR Cheremushki				KS15 Wonju Array Sites 15 and 31
		HMA Khanty-Mansiysk	Severo-Osetinskaya			KSYP
		KIRV Kirov	ARNR	Ardon		YANGPYEON
		MOMR Moma	BTKR	Batakoyurt		YEONGCHEON
		PRGR Permogore	DIGR	Digorskoe uzhel'e		Yeongdeok
		PR1R Pomanovo	KMSR	Komsomolskaya		YSYOD
		NE52 Pskov	KORR	Kora		YEONGJU
		SVKR Severomuysk	LACR	Lac		Yeongwol
		SKZ Skazka	LSNR	Lesken		Yeosu
		SOKR Solikamsk	PRTR	Priterechnaya		YEOSU
		Stavropol'skiy Kray	SNJR	Sundja		Spratly Islands
		GOF Gofitskoye	TRKR	Terskaya		KIPH Kalayaan
		GUMR Gum-Bashi	ZEI	Tsey		
		KBZ Khabaz	VLKR	Vladikavkaz		
		KIV Kislovodsk	Singapore			Sri Lanka
		KVAR Kislovodsk Array Beam	COC	Colombo		
		Reference Point	PALK	Pallekele		
		KIV0 Kislovodsk Array Site 0				Sulawesi
		KIV1 Kislovodsk Array Site 1	BTDF	Bukit Timah Dairy		AFSI
		KIV2 Kislovodsk Array Site 2	SING	Singapore		Ampana
		KIV3 Kislovodsk Array Site 3				Bone
		KUBR Kubataba	South Korea			BKSI
		NAGR Nagutskaya	KSAND	Andong		Bulukumba
		PYA Pyatigorsk	KSANM	Anmyeondo		KMSI
		SHAR Shatzhatmas	KSBRD	Baengnyeongdo		KDI
		STRR Strizhament	KSBN	Boeun		Kendari
		Sverdlovskaya Oblast'	KSCHY	BONGHWA		LUWI
		AU Art	KSPOR	Boryeong		Luwuk
		SVE Sverdlovsk	KSBUS	Busan		MJJI
		Tyva	KSBUY	BUYEO		Majene
		ERNS Erzin	KSCHR	CHANGNYEONG		MPSI
		TEL Teeli	KSCEA	Cheonan		Marisa
		TDJR Todzha	KSCEJ	CHEONGJU		MSSA
		UER Ust'-Elegest	KSCHS	CHEONGSONG		Masamba
		Voronzhskaya Oblast'	KSCWO	Cheorwon		Sidrap Palu
		VRSR Storozevoye	KSCHW	Cheorwon		Tana Toraja
		VOR Voronezh	KSCHC	Chuncheon		
		Yevreyskaya Avtonomnaya Oblast'	KSCHJ	Chungju		Sumatera
		KLR Kul'dur	KSCPN	Chupungnyeong		BLSI
			KSCPR	CHUPUNGNYEONG		BKN
			KSDAG	Daegu		BKNG
			KSDGY	Daegwallyeong		KRJI
			KSTEJ	Daeseon		KASI
			KSDDC	Dongducheon		KOTA
			KSTOH	DONGHAE		LAHI
			KSKAN	Gangneung		LHMI
			KSKCH	Geochang		LWLI
			KSKUC	Geochang		MNSI
			KSKOH	Geochang		Mandailing Natal
			KSQOJ	Gongju		MNAI
			KSGOS	Gosan		MDSI
			KSGUM	Gumi		Manna
			KSKUS	Gunsan		MDSI
			KSGUS	GUNSAN		Maura Dua
			KSKWJ	Gwangju		PDSI
			KSHAD	HADONG		Padang
			KSHAN	Haenam		PMBI
			KSHAC	HAPCHEON		Palembang
			KSHUK	Heuksando		PBSI
			KSICN	Icheon		Pulau Batu
			KSIMS	Imsil		PPSI
			KSINC	Incheon		Pulau Pagai
			INC	Inchon		RBSI
			INCN	Inchon		RPSI
			KSIIA	INJE		RGR
			KSJEC	Jecheon		Rengat
			KSJUU	Jeju		SISI
			KSJEU	Jeongeup		SBSI
			KSJES	JEONGSEON		Sibolga
			KSCHO	Jeonju		SDSI
			KSJIN	Jinju		Sungai Dareh
			KSCHI	Jinju		TPRI
						Tanjung Pinang
						TRSI
						Tarutung
						TPTI
						Sumba
						BMNI
						Bima
						Syria
						KOOC
						Abou Kooç
						RABH
						Abou Rabah
						ARNB
						Al Arnab
						BSHR
						Al Beshri
						BIDA
						Albida
						JHLN
						Al Jahlan
						MZRK
						Al-Mazaregh
						MNKR
						ALMNKUR
						Al Salmeh
						SLMH

Code	Station Name	Other	TATO	Taipei	KAHT	Ahir Dag	FEKT	Feke
WHAB	Al Wahab		TAP1	Taipei	AKCD	Akcadag	FETY	Fethiye
BDRN	Badran		TTN	Taitung	AKC	Akcakoca	GZTT	Gaziantep
BRBR	Barbar		WTP	Ta-pu	AKHS	Akhisar	GZT	Gaziantep
BTCH	Batrach		TPUB	Ta-pu	AKS	Akhisar	SOFT	Gaziantep
DUSS	Damascus University		STYT	Taiyuan	AKKT	Akkus	GAZ	Gaziantep
DRBT	Darb Altahta		TAW	Tawu	AKTT	Aktoprak	GAZI	Gazipasa
DRWC	Darouich		TWJ1	Tawu	AKY	Akyazi	GEB	Gebeze
HAWK	Haweek		TDCB	Techi	ALT	Altintas	GBZT	Gebeze
KBSD	Kabsdagh		CHN5	Tsauling	ANDN	Andirin	GEDT	Gedikpinar
KSRV	Kasrt ali		CHN4	Tsausshan	ANK	Ankara	GDZ	Geziz
KFRA	Kufra		TWQ	Tungshih	ANTO	Ankara	GEMT	Gemlik
QASN	Qassioun		NWF	Wu-fen Shan	ANTD	Ankara	GRSN	GİRESUNGRSN
MARH	Ras Al Marh		WFSB	Wu-fen Shan	ANTB	Antalya	GLHS	Ghıskar (BURDUR)
SALA	Sala		TWU	Wulai	ARMT	Armutlu	GOLH	Golhisar
SLNF	Slenfeh		TEYL	Yanliau Village	ARST	Arşuz	GPA	Golpazari
SFNV	Sufian		YHNB	Yeheng	ARTV	Artvin	GLP	Golpazari
TCHB	Talchebab		CHN8	Yiju	ASAT	Asagicarikuru	GET	Gonen
ROOS	ti alroos		WYL	Yuanlin Township	AVNT	Avonos	GONE	Gonen-Balikiesir
TOTAH	TOTAH		TYC	Yuchr	AYK	Aydincik	GYN	Goynuık
WRDH	Warideh		TWF	Yuli	AYS	Ayseler	GULE	Gulek
ZALF	Zalf		TWF1	Yuli	AYVA	Ayvalik	GULT	Gulveren
			YULB	Yu-li	DBAD	Bademkaya	GUMT	Gumushane
			TAI1	Yung-k'ang	BKT	Bakacak	GDDT	Gundogdu
			YUS	Yu-Shan	BBAL	Bala	GNYT	Guneyli
			EGS		BALAT	Bala	GADA	Gvıgeada
					BLCB	Balcova	GCAM	G?zelcam?
					BALB	Balikiesir	HDMB	Hadim
					BALY	Balya	HKR	Hakkari
					BNT	Bandirma	HAKT	HAKKARI
					BTMT	Batman	AGRB	HANUR-AGRY
					BBTK	Belbasi	HTY	Hatay
					BRAR	Belbasi Array Beam Reference Point	HENT	Hendeık
							HRT	Hereke
							HIS	Hisarcik
							HOMI	Horasan
							ILGA	Ilgar
							IKL	Isikli
							COBT	Iskenderun
							ISP	Isparta
							ITU	Istanbul
							IST	Istanbul
							IST1	Istanbul
							ISK	Istanbul-Kandilli
							URLA	Izmir
							IZM	Izmir
							IZN	Iznic
							IZI	Iznic
							KDHN	Kadinhani
							KMRS	Kahramanmaras
							KAMT	Kaman
							KND	Kandira
							KGT	Karabiga
							KRBG	Karabiga-Canakkale
							KCT	Karacabey
							SVSK	Karacayir
							KDE	Karadeniz
							KDZE	Karadeniz Ereoli
							KHL	Karahalli
							KHAL	Karahalli
							KARA	Karaisali
							KMS	Karamursel
							KRTS	Karatas
							KART	Kargi
							DIGO	Kars
							KARS	Kars
							AKAS	Kas
							KAS	Kastamonu
							KVT	Kavak
							BDRM	Kayabasi
							KYR	Kayrak
							KEB	Keban
							KEKT	Kekliktepe
							KELT	Kelkit
							KL	Keltepe
							KEMA	Kemaliye
							BRTR	Keskin Array Beam Reference Point
							BR101	Keskin Array Site 101
							BR102	Keskin Array Site 102
							BR103	Keskin Array Site 103
							BR104	Keskin Array Site 104
							BR105	Keskin Array Site 105
							BR106	Keskin Array Site 106
							BR131	Keskin Array Site 131
							BRMAR	Keskin MP Array Beam Reference Point
							BR231	Keskin MP Array Site 231
							BR232	Keskin MP Array Site 232
							BR233	Keskin MP Array Site 233
							BR234	Keskin MP Array Site 234
							BR235	Keskin MP Array Site 235
							BR236	Keskin MP Array Site 236
							BR237	Keskin MP Array Site 237
							CTKS	Kestanelik-?atalca
							KLYT	Kilyos
							KRCT	Kiracepe
							KRH	Kirikhan
							KIZT	Kizical
							KOL	Kolay
							KONT	Konya--Tatoy
							KOPT	Kop Dagi
							KORT	Korkueli
							KORK	Korkuteli
							KOZTB	Kozan
							KOZT	Kozan
							KULA	Kula-Manisa
							MARK	Kumluca
							KRTT	Kurkculagi
							KUZU	Kuzuini
							LADK	Ladik-KONYA
							LPK	Lapseki
							LOD	Lodumlu
							MYA	Malataya
							MALT	Malatya
							MLTT	Malatya
							MANT	Manisa
							MARD	Mardin
							MRMT	Marmara Adasi
							MGN	Mengen
							MERS	Mersin
							MLSB	Milas
							MDNY	Mudanya-Bursa
							MDUB	Mudurnu
							MUT	Mudurnu
							MDU	Mudurnu
							MRFT	Murafatepe
							MFT	Murefte
							NAL	Nallihan
							NART	Narlıkuyu
							NIG	Nigde

WR8	R7 Warramunga Array Site		HUMM Hume Dam	KNZ Kokohu	KKZ Kaikoura
WR9	R8 Warramunga Array Site		IVSM Inverness	KUZ Kuatunu	KKY Kaikoura West
	R9 Warramunga Array Site		JENM Jeeralang Junction	LIRZ Lichensteins Rd	KAI Kaimata
	WRAI Warramunga Infrasound Array Beam Reference Point		KOWM Kowarra	MAHZ Mahia	LBZ Lake Benmore
	<i>Queensland</i>		LGTM Lightning Creek	MOZ Mahoenui	LMZ Lake Moeraki
AWDQ	Awoonga Dam 3		MACM Macedon	MRW Makara Radio	LTZ Lake Taylor
BEEN	Beenleigh		MEL Melbourne	MKRZ Makatiiti	LRCZ Leaning Rock
BOON	Boondooma		MITM Miita Miita	MARZ Manawahe	LSCZ Liico Spur
BDMQ	Boondooma Dam		MLWM Molesworth	MNG Mangahao	MLZ Mavora Lakes
BR5	Brisbane		MDRM Moondarra Dam	MRZ Mangatainoka River	MOZ McQueen's Valley
BR1	Brisbane hardrock		MPDM Moonee Ponds	MRTVZ Mangateitei	MSZ Milford Sound
BR2	Brisbane softrock		ARPS Mount Arapiles	MRH Murewa	MNW Monowai
BSLQ	Bruslee		HOPM Mount Hope	MXZ Matakaoa Point	MHZ Mount Horn
WBAQ	Buaraba 3		MTV Mount Tassie	MWZ Matawai	MJZ Mount John
BURD	Burdekin Lookout		MTLM Mount Tassie Tower	MGZ Maungakau	MJP Mount John Pukaki
CNS2	Cairns-h acc only		GOGM North Grampians	MYRZ Mayor Island	MMP Mount Mary
CNS1	Cairns-h seis/acc		ROYM Rob Roy	MOVZ Moawahango	MMCZ Mount Michael
CTA	Charters Towers	CTA	ROKM Rocklands Reservoir	MOH Mohaka	MSCZ Moutere Station
CTAO	Charters Towers		ROWM Rowsley	MOW Moikau	NNZ Nelson
CHIL	Chillagoe		RUSM Rushworth	MSWZ Moikau Station	OMZ Oamaru
COEN	Coen		SHYM Surrey Hills	MTAZ Motutapu	ODZ Otahua Downs
CVLQ	Collinsville		TATM Tatong	MKAZ Mounakai	PPZ Puysegur Point
DLBO	Dalbeg		TECM TEC LaTrobe	AMW Mount Adams	QRZ Quartz Range
DNGQ	Doongara		TOMM Thomson	MTW Mount Morrison	RPZ Rata Peaks
EIDS	Eidsvold		TOO Toolangi	NPR Napier	RHP Rhoboro Hills
FAIR	Fairbairn		WILL Willung South	NWEZ Newall Road	RTY Rotohiti
FGTQ	Fig Tree		<i>Western Australia</i>	NPZ New Plymouth	ROX Roxburgh
FS03	Four Seasons		BLDU Ballidu	NRZ Ngariiki Road	SBCZ Sonora Basin
FRED	Fred Haigh		BAL Ballidu	NGZ Ngauruhoe	TAK Takaka
BGRQ	Glenroy		WA4 Burakin	NEZ North Egmont	THP Tara Hills
GC2	Gold Coast Softrock		CANN Canning Dam	NOZ North Gisborne	TMP Tomahawk Gully
GC1	Gold Cst Hrdrock		COOL Coolgardie	OIZ Oio	THZ Tophouse
HINZ	Hinze Dam		DAM Dampier	OUZ Omahuta	TCW Tony Channel
KDA	Kuranda		DOCK Docker River	ONE Onerahi	TBC Trig B
WMBQ	Mount Brisbane		FITZ Fitzroy Crossing	OTW Orongorongo Tunnel	TLC Trig L
MCPQ	Mount Cooper		FITX Fitzroy Crossing	OTAZ Otara	TUWZ Tuamarina
MHPQ	Mount Hope		FORR Forrest	OTVZ Oturere	TUZ Tuapeka
QIS	Mount Isa		FORT Forrest	PATZ Paeroa	WPZ Waipapa Point
ISO	Mount Isa		GLS Giles	PAHZ Panekirikiri	WAI Wairiri
MORG	Mount Morgan		GIRL Giralia	PARZ Paparua	WVZ Waitaha Valley
MTSU	Mount Surprise		KLGA Kalgoorlie	PAWZ Partuwai Farm	WKZ Wanaka
PETE	Peter Faust Dam		KLG Kalgoorlie	PXZ Pawanui	WHZ Wether Hill Road
PDDM	Pindari Dam		KMBL Kambalda	PKVZ Pokaka	<i>Stewart Island</i>
WPMQ	Pine Mountain		KAA Karratha	PGZ Pongaroa	OBZ Oban
QLP	Quilpie		KLBR Kellerberrin	PKE Pukeiti	SIZ Stewart Island
WRCQ	Reedy Creek 5		KLB Kellerberrin	PUZ Puketiti	
RK1	Rhampton Hrock		KNA Kununurra	QHW Quartz Hill	North Island
RK2	Rhampton Srock		MBWA Marble Bar	RBV Rainbow Mountain	ALRZ Allen Road
RMQ	Roma		MBT Marble Bar	RAEZ Rainy Point	RAHZ Arahi
RTQ	Roma		MBL Marble Bar	RGZ Rangipo	BHHZ Black Hill Station
RDS5	Rosedale State School		MEKA Meekatharra	RATZ Rangitukua	CKHZ Cape Kidnappers
WTRQ	Thallon Road		MEK Meekatharra	RUZ Raurimu	CNGZ Carnagh Station
TINA	Tinaroo		MEEK Meekatharra	RITZ Rihia Road	DVHZ Dannevirke
WTGQ	Toogoolawah		MRWA Morawa	ROS Roseneath	DREZ Durham Road
WOOM	Toowoomba	NWAO	MORW Morawa	ROT Rotorua	HRRZ Handcock Road
TVL	Townsville		MUN Mundaring	STN Seatoun	HOWZ Holdsworth Station
TV1	Townsville Hrock		NANU Nanutarra	SNZO South Karori	KARZ Kaharoa
TV2	Townsville Softrock		NAU Nanutarra	STZ Stratford	KAHZ Kahuranaki
UKAQ	Ukalunda		NWA Narrogin	TOZ Tahuroa Road	MHGZ Mahia Peninsula
WWHQ	Wivenhoe Hill 3		NWAO Narrogin (SRO)	TSZ Takapari Road	MHEZ Mangahewa
WPA	Woody Point		NDA Nedlands	TRZ Taradale	MCHZ McNeill Hill
<i>South Australia</i>			PER Perth	TTH Taradale Trig	TARZ Mount Tarawera
ADE	Adelaide		RKG Rocky Gully	TAHZ Taraponui	NMHZ Naumai
ARKL	Arkaroola		RKY Rocky Gully	TNZ Tarata	OPRZ Ohinepanea
BBOO	Buckleboo		SWV Swan View	TAZ Tarawera	PLWZ Palliser
CLV	Cleve		WA3 Talbot Brook	TGRZ Tauranga	PRGZ Paritu Road
EDO	Endiloe		WA2 Wagin	TWVZ Taurewa	PRRZ Plateau Road
HTT	Hallett		WARB Warburton	TEHZ Te Atua	PRHZ Porangahau
HKER	Hawker		WBN Warburton	TON Tongariro	PNHZ Pukenui
HKN	Hawks Nest		WAT Watheroo	TRWZ Traveller	RVAZ Riverhead Borehole
ILN	Island Lagoon		WA1 Wongan Hills	TUJ Tuai	TMWZ Te Maipa
KELC	Kelly Hill Caves		WOOL Woolibar	TUTZ Tuhingamata	TIWZ Tintock
MGBR	Mount Gambier		Australian Capital Territory	TUVZ Tukino	South Australia
NAPP	Napperby		RNDA Aranda	TRVZ Turoa	GLEN Glenside
NBK	Nectar Brook		Chatham Islands	URZ Urewera	HML1 Hamley Bridge
PARN	Parndana		CTZ Chatham Island	UTU Utuhina	HWKN Hawk's Nest
PNA	Partacoona		New Zealand	VRZ Vera Road	MRAT Mt Rat
RPA	Roopena		<i>Campbell Island</i>	WNVZ Wahianoa	MYP Myponga
SDAN	Sedan		CBZ Campbell Island	WTAZ Waitarua	PLMR Palmer
SNL	Sevenhill		<i>Chatham Islands</i>	WDW Wainui Dam	STRZ Strathalbyn
UTT	Tea Tree Gully		CIZ Chatham Islands	WCZ Waipu Caves	FR27 Wilpena Pound
TWOA	Tennyson Woods		<i>Kermadec Islands</i>	WNZ Wairakei	YE6 Yeelanna, site6
THS	The Heights School		RAO Raoul Island	WATZ Wairara	South Island
UMB	Umberatana		KRHZ Kereru	WAHZ Wakarara	DUWZ D'Urville Island
WKA	Willalooka		PWZ Pawanui	WAZ Wanganui	HHSZ Highcliff Hill
WSA	Woomera		POWZ Post Office Road	WEL Wellington	PYZ Puysegur Point
<i>Tasmania</i>			WPHZ Waipukurau	WTVZ West Tongariro	SYZ Scrubby Hill
BNE	Burnie High School		<i>North Island</i>	WHTZ Whakaora	Stewart Island
CORO	Coronation Park		ARA Arapuni	WVPZ Whakapapa	APZ The Paps
GEES	Gees Lookout		AUC Auckland	WTZ Whakatane	CARIBBEAN SEA
GLAD	Gladstone		BHW Baring Head	WHH Whakatau	Anguilla
FNT	Hobart		BLW Big Hill	WLZ Whitehall	SWIP Sombrero
LMT	Lemonthyme		BFZ Birch Farm	WIZ White Island	Antigua and Barbuda
MOO	Moorlands		BSWZ Blackbirch Station	WHW Wright's Hill	<i>Antigua</i>
NELS	Mount Nelson		BKZ Black Stump Fm	<i>South Island</i>	ANG Antigua
MTRD	Mount Read		BUN Bunnythorpe	AXZ Alexandra	AWI Antigua
QTN	Queenstown		BSZ Bushy Park	BWZ Berwen	BPA Boggy Peak
SVR	Savage River		CAW Cannon Point	BBW Black Birch	<i>Barbuda</i>
SAV	Savannah		CMWZ Cape Campbell	BRZ Borland Lodge	BWI Barbuda
SPK	Scotts Peak		CRZ Cape Reinga	BCZ Braida Crags	CPB Codrington
SFF	Sheffield		CAZ Castlepoint	BSP Bush Stream	O6A E Barbuda OBS
STG	Strathgordon		CNZ Chateau	CFC Cairnmuir Flats	Barbados
TRR	Tarraleah		DNN Dannevirke	CMCZ Cairnmuir Mts	B5GA 5 Glenshane
TAU	Tasmania University		DFE Dawson Falls	CRZ Canterbury Laser	BDS Barbados
<i>Victoria</i>			DRZ Dome Shelter	CCW Cape Campbell	BRB Barbados
ABEM	Aberfeldy		ECZ East Cape	CMZ Cashmere	BDH Highclere
BRAT	Ballarat		EDRZ Edgumbe	CHR Christchurch	BESP Saint Philip
BANM	Bannockburn		FVWZ Far West T-bar	CYZ Clyde	Barbuda
BFD	Bellfield		GNZ Gisborne	CDZ Cobb Dam	ANWB Willy Bob
BOV	Bogong Mts		GSZ Glacier Shelter	COB Cobb River	Cayman Islands
BUV	Buchan		GBZ Great Barrier	DCZ Deep Cove	GCM Grand Cayman
BUCM	Buckrabyule		HARZ Haroharo	DNS Denniston	Cuba
CCRM	Cairn Curran		HAS Hastings	DSZ Denniston North	CCCC Cccc
CDNM	Cardinia		HIZ Haiti	DMP Diadem	CISC Cisc
GEAM	CSIRO Animal Health Laboratory		HNZ Havelock North	DNZ Dunedin	GM-CU Guantamo
	Dartmouth		HBZ Hicks Bay	DND Dunedin-Penfold	GM- Guantamo
DRT	Dartmouth Bedrock		HATZ Hinemaiaia	DIW D'Urville Island	GTMO Guantamo
DDCM	Dartmouth Crest		HITZ Hingarae	EAZ Earnsclough	GBC Guantamo Bay
DTMM	Dartmouth Digital		HUTZ Huka	EWZ Erewhon	HOL Holguin
DVBM	Devilbend		KIT* Kaitia	FLW Foulwind	HLGC Holguin
DRAM	Dora Dora		KATZ Kakaramea	FOZ Fox Glacier	LMGC Las Mercedes
FSHM	Fish Creek		KIW Kapiti Island	GPZ Gebbies Pass	
FRTM	Forrest		KRP Karapiro	GSP Gladstone Stream	
GLMM	Glenmaggie		KAVZ Karewarewa	GFW Glenfield	
GVL	Greenvale		KRVZ Karewarewa	GLE Glenmuick	
HEXM	Hexham		KAAZ Kauri Point	GRY Greymouth	
			KETZ Ketetahi	HHP Hogget Hill	
			TKEZ Kiri Road	HGX Huxley Gorge	
				JCZ Jackson Bay	
				KHZ Kahutara	

Code	Station Name	Other							
MGV	Manicaragua		CVJ	Coleyville	SJP	San Juan	AR9	North	
MASC	Masc		GWJ	Greenwich	SJG	San Juan	OCM	Ochomogo	
MOAC	Moa		HQJ	Hope	SJGC	San Juan (W)	PALO	Palomo	
PINC	Pinares de Mayari		HOP	Hope Bay	VQS	Vieques	PICA	Picada	
RCC	Rio Carpintero		KIN	Kingston			POA	Poas	
SABC	Sabc		MCJ	Malvern			POA2	Poas 2	
SOR	Soroa		MBJ	Montego Bay			PTCR	Potenciana	
YAR	Yar		MTDJ	Mount Denham			POCR	Potenciana 2	
			NEJ	Negril			PUJ	Puerto Jimenez	
			NCJ	New Castle			MOIN	Puerto Moin	
			PAJ	Port Antonio			PBC	Punta Burica	
			PCJ	Portland Cottage			PRS1	Puriscal	
			PRJ	Port Royal			QCR	Quepos	
			RHJ	Red Hills			QPS	Quepos	
			SPJ	Spur Tree			RMCR	Rio Macho	
			STH	Stony Hill			SDS	Sanatorio Duran	
			YHJ	Yallahs			SJR	San Jose	
							SPS	San Pedro Poas	
							SRA	San Ramon	
							AR5	Santa Elena	
							SVTC	San Vito de Coto Brus	
							SELF	Sixty Eight Flow	
							AR4	Solanita	
							TLA	Tiendilla	
							AR3	Tierras Morenas	
							TIG	Tigre	
							TRTC	Tortuguero	
							TUI	Tuis	
							URSC	Urasca	
							VCR	Vista de Mar	
							YACR	Volcan Arenal	
							IRZ	Volcan Irazu	
							ICR	Volcan Irazu	
							IR22	Volcan Irazu 2	
							VPS	Volcan Poas	
							YPS2	Volcan Poas 2	
							RIN	Volcan Rincon	
							RIN2	Volcan Rincon	
							RIN3	Volcan Rincon	
							VTU	Volcan Turrialba	
							WARN	West Arenal	
							BAR1		
							CUJ		
							El Salvador		
							SONS		
							AIES		
							Guatemala		
							FG6		
							Nicaragua		
							HUEN		
							CSAN		
							Panama		
							TBS2		
							UPIG		
							El Salvador		
							ADES	Adelaida	
							AHU	Ahuachapan	
							AYA	Ayualo	
							BLLM	Bellamira	
							BOQS	Boqueron	
							CAHU	Cacacuatiq	
							CTAS	Cauta	
							CIGS	Centro de Investigaciones Geofecnicas	
							COAS	Coatepeque	
							CNCH	Conchagua	
							CUSS	Cusmapa	
							ANGS	El Angel	
							LFRS	El Faro	
							RTR	El Retiro	
							HUES	Huehuecho	
							LCBS	La Ceiba	
							LFU	La Fuente	
							LPS	La Palma	
							LBR5	Las Brisas	
							GRDS	Las Grandillas	
							LALZ	Loma Alta	
							LGUZ	Los Guarumos	
							MTO	Montecristo	
							MTO2	Montecristo 2	
							NANS	Nanahuazin	
							NCS	Nueva Concepcion	
							OJOS	Ojo de Agua	
							PICS	Picacho	
							QZA	Quezalapa	
							RBDL	Robledal	
							SBL5	San Blas	
							SJAS	San Jacinto	
							SNJE	San Jose	
							VSM	San Miguel	
							SSS	San Salvador	
							SJUZ	Santa Julia	
							SDMZ	Santiago de Maria	
							SDM	Santiago Maria	
							SNVI	San Vicente	
							SNET	Serv Nac Est Terr	
							TCPZ	Tecapa	
							TME	Tecomasuque	
							VSS	Volcan San Salvador	
							YPE	Yupe	
							MUMZ		
							SANZ		
							Guatemala		
							BVG	Bouganvilla	
							BVA	Buena Vista	
							CIM	Chimachoy	
							APG	El Apazote	
							FGO	Fuego	
							FGO2	Fuego 2	
							FUG	Fuego 3	
							GCG	Guatemala City	
							HUG	Huitzilzi	
							ITG	Itzapa	
							IXG	Ixpaco	
							JAT	Jato	
							JMG	Jumaytepeque	
							UNJ	Junjel	
							KJA	Kiajanaja	
							KIK	Kika Raxquin	
							KKG	Kukul	
							LHG	La Concha	
							CMG	La Cumbre	
							CMG2	La Cumbre 2	
							FLS	Las Flores	
							NBG	Las Flores	
							LVG	La Victoria	
							LTG	Los Tablonos	
							MMG	Magdalena	

Code	Station Name	Other	LACI	Lac	GVDS	Gavdos	PRF	Porvoo		
MRL	Marmol		LSK	Leskovik	FRMA	Ierapetra Chania	KU3	Posio		
MYT	Moyuta		PHP	Peshkopia	KLDN	Kaloudiana Chania	RAF	Rauma		
OCG	Ocos		PRZA	Preza	KRPT	Karpathos	KU6	Riekkii		
OC2	Ocos 2		PUK	Puka	KSTL	Kastelli Heraklio	RNF	Rovaniemi		
OLG	Olintepeque		QSH	Qafa e Shtames	KTHR	Kythira	SDF	Sodankyla		
PCG	Pacaya		SRN	Saranda	KNDR	Palaiochora Chania	SOD	Sodankyla@14		
PSG	Pto de San Jose		SDA	Shkodra	PRNS	Prines Rethymno	SGF	Sodankyla@14		
PSG2	Pto San Jose 2		TPE	Tepeleña	STIA	Sitia Lasithi	SUF	Sumiainen		
QZG	Quezaltepeque		TIR	Tirane	AKRT	Stavros Akrotiri	KU2	Taivalkoski		
RDG	Rabinal		VLO	Vlora	TMBK	Timbaki Heraklio	VRF	Vario		
REC	Recreo						VJF	Virojoki		
SBL	Sachbachol		Andorra		Croatia		VAF	Ylistaro		
SXG	Sacranix		PAND	Andorre	DBR	Dubrovnik	JYSA			
SLP	San Antonio				DUOK	Dugi Otok		Former Yugoslav Rep. of Macedonia		
SJT	SanJuan Tecuaco		Austria		HVAR	Hvar				
SOG	Santiaguito		ABTA	Abfaltersbach	KLUV	Kijevo		BELI	Belica	
SOG2	Santiaguito 2		ARSA	Arzberg	NVLJ	Novalja		BIA	Bitola	
SBG	Sibinal		CONA	Conrad Observatory	POL	Pola		KAY	Kattanovo	
SLG	Sinonel		CSNA	Conrad Observatory	PTJ	Puntijarka		KOZJ	Kozjak Brana	
TCG	Tacana		DAVA	Damuels	RIY	Rijeka		KRUS	Krusevo	
TEP	Tecpan		FETA	Feichten	SEB	Sibenik		LIP	Lipkovo	
TP2	Tecpan 2		GHA	Glashutten	SNJ	Sinj		MYG	Matka	
TER	Terranova		GRA	Graz	SISC	Sisak		KPJ	Monastery St. Joachim	
VLG	Velasquez		INN	Innsbruck	STON	Ston		OHR	Ohrid	
YUP	Yupiltepeque		IBK	Innsbruck	ZAG*	Zagreb		SAMO	Samokov	
ZIS	Zishin		KFA	Klagenfurt	ZAG	Zagreb		SKO	Skopje	
			KBA	Koelnbreinsperre				STIP	Stip	
			KMR	Kremsmunster				VAY	Valandovo	
			LTA	Leoben	Czech Republic					
Honduras			LTA	Leoben	BERN	Bernov				
CHUH	Cerro de Hula		MZA	Mariazell	BHC	Bohunice				
HLH	Cerro de Hule		MOA	Molln	CHE	Cheb			France	
LHAH	Las Aradas		MOTA	Moosalm	DPC	Dobruska-Polom			Alsace	
LTH	Lepaterique		OGA	Obergurgi	HAVC	Havirov			BAF	Belacker
SSU	San Pedro Sula		OBKA	Obir	JIND	Jindrichovice			CHAF	Chalampe
UNAH	Universidad Nacional Autonoma de Honduras		PIA	Pitten	KHC	Kasperske Hory			CDF	Champ du Feu
			RETA	Reutte	KRLC	Kraliky			ECH	Echery
			SQTA	Sankt Quirin	KVC	Kvetna			GBF	Grand Ballon
			SCE	Schlegeis	LUBY	Luby			GWG	Grand Wintersberg
Nicaragua			SOKA	Soboth	KRUC	Moravsky			HOFF	Hoffen
ACY	Acoyapa		MYKA	Terra Mystica	MORC	Moravsky Beroun			LANF	Langenberg
AGUN	Aguas Calientes		VIE	Vienna	MUTC	Mutkov			MOF	Molkenrain
WILN	Americas 2		VKA	Vienna	NKC	Novy Kostel			SMM	Ste Marie-Mines
APY	Apoyeque		WATA	Walderalm	OKC	Ostrava-Krasne			STR	Strasbourg
APYN	Apoyeque		WTTA	Wattenberg	PVCC	Panska Ves			SRBF	Surbourg
APON	Apoyo				POCA	Pocatzky			WLS	Weischbruch
ASE	Aserradero				PRA	Prague				Aquitaine
BOA	Boaco		Azores		PRU	Pruhonice			ARH	Archignac
BOA1	Boaco		PCND	Candelaria	SKC	Skalna			NE10	Arethe
CNGN	Cerro Negro		FRA1	Furnas	TREC	Trest			ATE	Arethe
CHIN	Chinandega		GRON	Grota Negra	UPC	Upice			ARTL	Arthez-de-Bearn
CNR	Chonco		PLUZ	Luz	VAC	Vackov			BTH	Betharram
COFN	Cofrada		PBOI	Pico dos Bois	VACK	Vackovec			BOH	Bohocortia
CONN	Concepcion		PTEI	Pico do Teixo	JAVC	Velka Javorina			CESL	Cescau
COPN	Copaltepe		PTCA	Ponta do Capelo	VRAC	Vranov			ELYF	Elaudy
COS	Cosiguina		PVIA	Vitoria	ZHC	Zelena Hora			ESCF	Escot
CYN	Coyotepe				CHOC	Choc			PYF	Esparrros
CRUN	El Crucero		Baden-Wuerttemberg		ZAPC	Zapc			EPF	Esparrros
XAVN	Gruta Xavier		OPP	Oppenau	PRSC	Prsc			ETSF	Etsaut
JIG	Jinotega				LUTC	Lutc			ISSF	Issarbe
TISN	Laguna Tiscapa		Bayern						JAU	Jaout
LNB	Las Nubes		ALTM	Altmuhljura-Amtmannsdorf					LACL	Laqç
LEON	Leon		CHKA	Cham-Katzbach	Denmark				USIL	Lacq-Usine
LIY	Limay		GAPA	Garmisch-Partenkirchen	BSD*	Akirkeby			LFF	La Frestale
MGAN	Managua		PART	Garmisch-Partenkirchen	BSD	Bornholm Skovbrynet		BSD	LAGL	Lagor
MCH	Masachapa		RHAM	Hammer	COP	Copenhagen			LARF	Larrau
MASN	Masaya		RNHA	Neuhaus	GOET	G?trrup			NE09	Les Eyzies
MMO	Medio Mundo		RWMO	Wildenmoos	LLD	Lille Linde			LHE	Lhers
MIRN	Miramar				NE03	Logumkloster			LDBL	Lucq-de-Bearn
MOCN	Mocoron		Belarus		NE02	Monsted			MADF	Madeleine
MOBN	Mombacho		NE54	Brest	MUD	Monsted U'grnd			MONL	Mont
MOMJ	Momotombo		NE57	Hornyel'					REYF	Montagne du Rey
MOMN	Momotombo	MOMN	MNK	Minsk	England				ONF	Office Forests
MOYN	Moyogalpa		NE53	Naroch'	ELSH	Elham, Standardhill Farm (Kent)			OGF	Ogeu
OME	Ometepe				STNC	Stoke			ORDF	Ordiarp
PYTN	Playitas		Belgium						OSML	Os-Marcillon
PYT	Playitas		BCLA	Clavier	Estonia				OSSF	Osses
PYN	Poneloya		DOU	Dourbes	MTSE	Matsula			SJPF	Ste Jean
QUIN	Quiabu		NE06	Dourbes	SRPE	Suurupi				Auvergne
RTN	Rota		BEBN	Eben Ermael	TTU	Tartu			BGF	Bois d'Agland
CRIN	San Cristobal		GIP	Gileppe	TRTE	Tartu			CFE	Clermont-Ferrand
SSNN	San Juan del Sur		MEM	Membach	VSU	Vasula			NE16	Clermont-Ferrand
SSN	San Juan del Sur		RCHB	Rochefort					COLF	Collangettes
SMCN	San Marcos		SNF	Seneffe	Europe				PLDF	La Plantade
SCRN	Santa Cruz		UCC	Uccle	GID	Gilleleje			LBL	Lubilhac
SOMN	Somoto		WRM	Warmifontaine	Finland				MZF	Mazirat
TELN	Telica		NE33		AAL	Aland			MAF	Mazirat
TEL3	Telica 3				FINES	FINES			PYM	Petit Puy Manson
TICN	Ticuantepe		Bosnia-Herzegovina		BLY	Banja Luka			PDD	Puy-de-Dome
VER	Veracruz		BLJ	Bijeljina	BLJ	Bijeljina			AGO	Saint Agoulin
MADN	Villa Maderas		DOB	Doboj	FIA0	FINES Array Site A0				Basse-Normandie
			MST	Mostar	FIA1	FINES Array Site A1			LDF	La Druitiere
Panama			SAR	Sarajevo	FIA2	FINES Array Site A2			FLN	La Foliniere
ACH	Altos		TRA	Travnik	FIA3	FINES Array Site A3			SSC	Saint Sauveur de Carouges
AZU	Azuero		TREB	Trebinje	FIB1	FINES Array Site B1				Bourgogne
BHP	Balboa Heights				FIB2	FINES Array Site B2			AVFP	Avril sur Loire
BRU	Baru		Bulgaria		FIB3	FINES Array Site B3			AVF	Avril sur Loire
BYN	Bayano		AVR	AVREN	FIB4	FINES Array Site B4			GRC	Garchy
JEF	Cerro Jefe		DIM	Dimitrovgrad	FIB5	FINES Array Site B5			LBF	Les Buteaux
CNI	Changuinola		KKB	Krupnik	FIB6	FINES Array Site B6			LOR	Lormes
ECO	Colon		KDZ	Kurdzhali	FIC1	FINES Array Site C1			MLV	Malvaux
ECO2	Colon		MPEP	Malo Peshtene	FIC2	FINES Array Site C2			POU	Pouilloux
DVD	David		MMB	Musomiste	FIC3	FINES Array Site C3			SSF1	Saint Saugle
FH-PM	Fort Sherman		NEF	NEVSHA	FIC4	FINES Array Site C4			SSF	Saint Saugle
FH-	Fort Sherman	FH-PM	PGB	Panagyurishte	FIC5	FINES Array Site C5			SMF	Signal de Mont
FTA	Fortuna		PVL	Pavlikeni	FIC6	FINES Array Site C6				Bretagne
IPE	Ipeti		PLD	Plovdiv	HEL	Helsinki			BST	Brest
LGT	Lagarterita		PSN	Preselentsi	HEF	Hetta			LPF	Le Pertre
LVS	La Villa de Los Santos		PRD	Provadia	JOE	Joensuu			QUIF	Quistinic
AZU2	Pedasi@15		ROIA	ROIAK	KJN	Kajaani			RENF	Rennes
PTP1	Petroterminal		RZN	Rozhen	KJF	Kajaani			ROSF	Rostrren
PINA	Piqa, Costa Abajo de Colsn		SOF	Sofiya	NE62	Kangasniemi			SGMF	Saint Gilles
ARM	Puerto Armuelles		SZH	Strazhica	KAF	Kangasniemi				Centre
ARM2	Puerto Armuelles 2		VTS	Vitosha	KU5	Karpankyla			NE08	Aigurande
SFX2	San Felix		JMB	Yambol	KU7	Kasma			CLF	Chambon-Foret
UPD1	Univ de Panama				NE63	Kauhava			HYF	Humbigny
UPA	Univ. de Panama@15		Canary Islands		KEF	Keuruu				Champagne-Ardenne
BRU2	Volcan		CHIO	Chio	KEV1	Kevo			MEZF	Maizieres J'ville
ZANG	Zanguenga, Chorrera		CFUE	Fuerteventura	KEV	Kevo			RFYF	Reffroy
			CICO	Icod de los Vinos	KIF	Kilpisjarvi			SFTF	Sextfontaines
			CRAJ	Montana Rajada	KU1	Kurvinen				Corse
EUROPE					KU4	Liikasenvaara			AJAF	Ajaccio
Albania			Channel Islands		MSF	Maaselka			CVF	Calvi
BCI	Bajram Curri		JDC	Jersey Dam (Crest)	MEF	Metsahovi			OSPF	L'Ospedale
BERA	Berati		JDG	Jersey Dam (Gallery)	NUR	Nurmija@14rvi			LURI	Luri
FRZ	Fierza		Corse		NE61	Nurmija@14rvi		NUR	PGF	Pioggiola
KMA	Kami		CORF	Corte	OUL	Oulu			SMPL	Sampolo
KBN	Korca				PVF	Pernaja			CHIF	Chize
KKS	Kukesi		Crete		PKK	Porkkala			FDAF	Les Forges d'Abel
			CHAN	Chania	PRV	Porvoo			STOF	St-Etienne Orgue

Franche Comte	GRN	Grenoble	RMOA	Moar Alm	SKOR	Skordalos
BSF	OG04	La Clusaz	MNH	Munich	VAM	Vamos
BES	LNS	Lanslevillard	NAPF	Napfberg	ZKR	Zakros
CNF	LPG	La Plagne	NORI	Noerdlinger	VAG	Aggia Anna
OG05	LPL	La Plagne	RNOR	Ries-Bissingen	AXAR	Agios Charalampos
CABF	OG02	Monnatier-Mornex	RNON	Nonn-Bad Reichenhall	AGG	Agios Georgios
LOMF	OG11	Montagny	NRD	Nordlingen	DYR	Agios Nikonas
MDGS	MNY	Monteynard	NOTT	Nottersdorf	ALN	Alexandroupolis
ROF	OG06	Moye	OBER	Oberstdorf	AOS	Alonnisos
VOU	ORIF	Oris-en-Rattier	MROB	Rosenbuehl-Arzberg	AMOR	Amorgos
<i>Ile-de-France</i>	PCHF	Pas de la Coche	ROTZ	Rotzenmuhle	KFL	Anninata
PAR	OG17	Prunihres	MSBB	Schoenbrunner	APE	Apeiranthos
VDM	RSL	Roselend	VIEL	Selb-Vielitz	APER	Aper
NE07	OG07	Sainte-Reine	WET	Wetzell	ARX	ARAXOS
<i>Languedoc-Rousillon</i>	OG10	Saint-Etienne-de-Cuines	MZEK	Zeckenberg-Ebnath	ARG	Arkhangelos
PERF	VIVF	Saint-Julien-le-Roux	Berlin		RHD	Arkhangelos
FILF	OCF	Saint Nazaire	BRN	Berlin	ATAL	Atalanti
LRDF	SSB	Saint Sauveur en Rue	BRL	Berlin-Free University	ATU	Athens Obs.
MTLF	OG09	Saint-Thibaud-de-Couz	BRNL	Berlin--Lankwitz	ATH	Athens Observatory
MTHF	OG03	Samoens	<i>Brandenburg</i>		ATHU	Athens University
SJAF	OGSI	Sixt	POT	Potsdam	CHOS	Chios Island
SMCF	SOU	Souberoch	ASSE	Asse	DVI	Derveni
TRGS	LASF	Ste Croix	GTTG	Remlingen/Germany	DSF	Desfina
VALF	OG26	St.-Nazaire-Desert	RUE	Ruedersdorf	DSL	Diaseo
VDCF	OG01	Vacheresse	Hamburg		DID	Didima
<i>Limousin</i>	OG12	Villaroget	HAM	Hamburg	DDN	Dodoni
FRNF			HAM	Hamburg	EPF	Epialo
LSF			HAM	Hamburg	VTH	Erithrai
NE18			HAM	Hamburg	EVR	Evrytania
RJF			HAM	Hamburg	VFI	Filaki
SER			HAM	Hamburg	FNA	Florina
TCF			HAM	Hamburg	FYTO	Fytoko, Volos
VERF			HAM	Hamburg	MGER	Gerania Oros
<i>Lorraine</i>			HAM	Hamburg	VGL	Glafira
BACF			HAM	Hamburg	GUR	Goura
HAU			HAM	Hamburg	GRG	Griva
HINF			HAM	Hamburg	HORT	Hortiatis
THEF			HAM	Hamburg	IGT	Igoumenitsa
VITF			HAM	Hamburg	ITM	Ithomi
<i>Midi-Pyrenees</i>			HAM	Hamburg	ITHO	Ithomi
BDB			HAM	Hamburg	JAN	Janina
CAF			HAM	Hamburg	KALE	Kalitheia
CARF			HAM	Hamburg	KAP	Karpathos
ENSF			HAM	Hamburg	KARP	Karpathos
RESF			HAM	Hamburg	KTI	Kastanea
GRBF			HAM	Hamburg	KSL	Kastellorizon
LABF			HAM	Hamburg	KSO	Kastoria
LPEF			HAM	Hamburg	VRS	Kato Vasiliki
LPO			HAM	Hamburg	KAVA	Kavala
LESF			HAM	Hamburg	KVR	Kavouri
LSPF			HAM	Hamburg	KNT	Kendrikon
MELF			HAM	Hamburg	KEK	Kerkira
MLS			HAM	Hamburg	XIO	Khios Island
SALF			HAM	Hamburg	MKIT	Kithairon Oros
VIEF			HAM	Hamburg	KYTH	Kithira
<i>Nord-Pas-de-Calais</i>			HAM	Hamburg	KNS	Konitsa
BAIF			HAM	Hamburg	KOUM	Koumaradei
DOMF			HAM	Hamburg	KZN	Kozani
GIVF			HAM	Hamburg	LAKA	Lakka
LIL			HAM	Hamburg	LKD2	Lefkada island
<i>Pays de la Loire</i>			HAM	Hamburg	LKD	Levkas
GRR			HAM	Hamburg	LOS	Limnos
LMF			HAM	Hamburg	LIA	Limnos Island
SGR			HAM	Hamburg	LIT	Litokhoron
<i>Picardie</i>			HAM	Hamburg	LKR	Lokris
MENF			HAM	Hamburg	LTRA	Loutraki
<i>Poitou-Charentes</i>			HAM	Hamburg	LTAK	Loutraki
OLEF			HAM	Hamburg	MAKR	Makrakomi, Fthiotida
LCHF			HAM	Hamburg	MAMO	Mamoussia
LYRF			HAM	Hamburg	VMA	Markates
MATF			HAM	Hamburg	MEV	Metsovon
PRYF			HAM	Hamburg	MHL	Milos
MFF			HAM	Hamburg	NFP	NAFPAKTOS
<i>Provence-Cote d'Azur</i>			HAM	Hamburg	VNE	Neochoron
OG22			HAM	Hamburg	NEO	Neokhoron
ARBF			HAM	Hamburg	NEST	Nestorio
OGAG			HAM	Hamburg	NVR	Nevrokopi
ASPF			HAM	Hamburg	NISR	Nisiros
AURF			HAM	Hamburg	NAIG	Nisos Agina
BERF			HAM	Hamburg	NSAL	Nisos Salamina
OG15			HAM	Hamburg	NIS1	Nisyros Isl
CDR			HAM	Hamburg	OUR	Ouranopolis
CALN			HAM	Hamburg	PAIG	Paliouri
CALF			HAM	Hamburg	PRK	Paraskevi
CMF			HAM	Hamburg	RG	Parga
CHDN			HAM	Hamburg	MPAR	Parnis Oros
CBBF			HAM	Hamburg	PAT	Patras
CREF			HAM	Hamburg	VPA	Pavliani
OGDI			HAM	Hamburg	PTL	Penteli
FOUF			HAM	Hamburg	PLG	Polygyros
GANF			HAM	Hamburg	PYL	PYLÖS
GELF			HAM	Hamburg	RHO	Rhodes
ISO			HAM	Hamburg	RLS	Riolos of Patras
JAUF			HAM	Hamburg	RDO	Rodhopi
FRF			HAM	Hamburg	SMG	Samos
LMR			HAM	Hamburg	SMS	Samos
AUTN			HAM	Hamburg	SANT	Santorini
OG25			HAM	Hamburg	SELA	Sela
LRG			HAM	Hamburg	SERF	Sergoula
MAR			HAM	Hamburg	SRS	Serrai
MBDF			HAM	Hamburg	SIGR	SIGRI
TOUF			HAM	Hamburg	VSI	Simia
MVIF			HAM	Hamburg	SKIA	Skiathos
MUIF			HAM	Hamburg	SKY	Skiros Island
PRAF			HAM	Hamburg	VSK	Skopelos
PUYF			HAM	Hamburg	SOH	Sokhos
REVf			HAM	Hamburg	THAL	Thalero
OG20			HAM	Hamburg	THR1	Thera Island
ROG			HAM	Hamburg	THE	Thessaloniki
ROU			HAM	Hamburg	THR6	Thira Island, Akrotiri
OG21			HAM	Hamburg	THR5	Thira Island, Kera
STET			HAM	Hamburg	THR3	Thira Island, Nea
OG19			HAM	Hamburg		Kammeni
OG14			HAM	Hamburg	THR4	Thira Island, Oia
SURF			HAM	Hamburg	THR2	Thira Island, Vourvoulos
SAOF			HAM	Hamburg	UPR	University Campus, Patras University
SMRF			HAM	Hamburg	VLS	Valsamata
SBF			HAM	Hamburg	VLI	Veliari
SPF			HAM	Hamburg	VXL	Vlachokerasia
TAVF			HAM	Hamburg	VOL	Volimes
TREF			HAM	Hamburg	VLY	Voula, Athens
VILF			HAM	Hamburg	VNG	Vunargo
<i>Rhone-Alpes</i>			HAM	Hamburg	XOR	Xorichti
OG18			HAM	Hamburg	ZAN	Zante
BOF			HAM	Hamburg		
OG13			HAM	Hamburg		
OG16			HAM	Hamburg		
OG08			HAM	Hamburg		
GDM			HAM	Hamburg		
GGF			HAM	Hamburg		
GRN*			HAM	Hamburg		

Code	Station Name	Other	CRVI	Carovilli	TORE	Minerbio--Torre	ROM	Rome
WBA	Furth		CFI2	Carpinone	MRVN	Minervino Murge	RMP	Rome, Mte Porzio
WBD	Lorch/Rhein		CSCL	Casacalenda	MIDA	Miranda	RNI	Roncone
GWBF	Romrod		CAS	Casamari	SGIA	Mirandola	ROI	Rossano
GWBE	Wiesbaden		CSM	Casamiciola	MODE	Modena	ROSI	Roskopf
			CSMI	Casera Mimosias	MOLE	Moliterno	ROVE	Rovereto Di Novi
			CSZ	Casera Razzo	MNC	Moncalieri	SLCN	Sala Consilina
			CSI	Cassano Ionio	MONC	Moncucco Torinese	SLNA	Salina
			CSSN	Cassano Irpino	MODR	Mondragone	SAL	Salo
			CSO	Casso	MONI	Monesi	SALO	Salr
			CDT	Castel del Monte	MNS	Montasola	SOI	Samo
			CAFR	Castel Frentano	MA1	Montasola	SACS	San Casciano dei Bagni
			CSNT	Castellina Chianti	MAB1	Monte Acero	DOI	San Damiano
			CTI	Castel Tesino	MAON	Monte Argentario	SDI	San Donato
			CASP	Castiglione della Pescaia	MAO	Monte Argentario	SNAL	S. Angelo Dei Lombardi
			CAFI	Castiglione Fiorentino	BALI	Monte Baldo	SGRT	San Giovanni Rotondo
			CUC	Castrocuoco	BALD	Monte Baldo	LADO	San Nicola dell'Alto
			CAV	Cavalesse	MMBI	Montebello Ionico	CORR	San Possidonio
			CEL	Celeste	MCI	Monte Cassino	SCTE	Santa Cesarea Terme
			LSD	Ceresole Reale	MTCE	Montecelio	SGTA	Sant'Agata di Puglia
			CERT	Cerreto	MME	Monte Cimone	SFI	Santa Sofia
			RRL	Cesana Torinese	CZI	Monte Cocuzzo	CIGN	Sant'Elia a Pianisi
			CESX	Cesi	MGAB	Montegabbione	SSO	Sasso d'Italia
			CESI	CESI - Serravalle di	MTLO	Montello	SARO	Sassorosso
			CHV	Chienti	MSC	Monte Massico	STN3	Satriano di Lucania, Italy
			CGRP	Cima Grappa	PZZT	Monte Pizzetto	SBPO	S. Benedetto Po
			CIMO	Cimolais	MPRI	Monte Prat	SEI	Scarperia
			CING	Cingoli	MTRZ	Monterenzio	SCHR	S. Chirico Raparo
			CDCA	Citt' di Castello	MRB1	Monte Rocchetta	MSCL	Scilla
			CDRU	Civita di Rota - Ottati	SEST	Monte Rota	SACR	S. Croce Del Sannio
			CLA1	Claut1	MSAG	Monte S. Angelo	SC2M	Scurtbar
			CLAB	ClautB	MTSN	Montesano sulla	SENI	Senigallia
			SMB1	Colle San Martino	FGMS	Monte Sant'Angelo	FG2	Serracapriola
			CLLN	Colliano	MS1	Monte Sant'Angelo (FG)	SERS	Sersale
			CLR	Collurania	MSB1	Montesarchio	SG1	Sgolgore (BA)
			COLI	Coloredo	SIRI	Monte Sirino - Moliterno	SGO	Sicignano
			YARN	Col Varnada, Mel (BL)	MURB	Monte Urbino	SIE	Siena
			CRN	Corinaldo	VULT	Monte Vulture - Melfi	SMP	Somplago
			COPE	Corleto Perticara	MCEL	Monticello	SPIE	Spinoso
			CODE	Correggio	MRGE	Monti di Nese	STV	Stia Anna Valdieri
			ZAVE	Correggio Bag	MGR	Morge	SAE	Statte
			FANE	Correggio Fan	MMN	Morigerati	GIN	Stromboli-G
			MAN1	Correggio Man	MMN	Mormanno	TLI	Talmassons
			SILE	Correggio--Silva	MTTG	Motta San Giovanni	TA1	Taranto
			CRAC	Craco	MTTG	Motta San Giovanni	TAR	Taranto
			CUSI	Cussignacco Udine	SABO	M.te Sabotino	TTI	Taranto
			DPS	Deserto Penisola	FG3	Mte Sant'Angelo	TEOL	Teolo
			DP1	Deserto P. S.	RE1	Mte Valcellina	TERO	Teramo
		DPS	DSB1	Difesa San Luca	RCL	Mte Valcellina	ISOR	Termini
			DMD	Domodossola	MRV1	Mt Valcellina	TDS	Terranova Sibari
			DDS	Dosso del Sommo	MRLC	Muro Lucano	TIP	Timpagrande
			DRE	Drenchia	NPL	Naples	TITE	Tito
			DUI	Duronia	NEGI	Negi	TOLF	Tolfa
			ENR	Entracque	ENIC	Nicolosi	TLM	Tolmezzo
			ERBM	Eremo	NOCI	Noci	TNO	Torino
			ERT	Erto-Casso	NRCA	Norcia	TRTR	Tortoreto Alta
			SNTG	Esanatoglia	NOVE	Novellara	TRE	Trente
			EMCN	Etna Monte Conca	ROCE	Novi Di Modena	TRV	Treviso
			EMFS	Etna Monte Frumento	OFFI	Offida	TTE	Trieste
			FAEN	Faenza	OR1	Oriolo Calabro	TRI	Trieste
			FAE	Faenza	ORI	Oriolo Calabro	TRS	Trieste (CM)
			FAGN	Fagnano	ORO	Oropa	TRIV	Trivento
			FENE	Fenestrelle	ORX	Oropa	TU1	Tuscania
			FECT	Ferrara Citta	FG5	Orsara di Puglia	UDN	Udine
			FIAM	Fiamignano	OII	Orti	UDI	Udine OGS
			CERA	Filignano	OSKI	Oschiri	VAJ	Vajont
			FIN	Finale Ligure	PAD	Padua	VAGA	Valle Agricola
			FDMO	Fiordimonte	PALZ	Palazzo San Gervasio	VAI	Varese
			FIR	Firenze	PANI	Panarotta	VEA	Veano
			FGG	Foggia	PARC	Parchiule	VEN	Venice
			FG1	Foggia	PRMA	PARMA	VENT	Ventotene
			FOG	Foggia	PTCC	Patocco-Chiusaforte	OV1	Vesuviano
			FOL	Foligno	PLRO	Paularo	OVO	Vesuviano
			FVND	Fontana Vidola	PAV	Pavia	VMG	Vicchio
			FAU	Forcella Aurine	PRG	Perugia	VIGE	Viggiano
			FOA	Forni Avoltri	PEG	Perugia	VCEL	Villa Celiera
			FVI	Forni Avoltri	PRO	Pesaro	VLC	Villacollemandina
			FS1	Fosdinovo	PS1	Pesaro	VVI	Villa di Villa
			FSI	Fosdinovo	PESA	Pesaro	VINO	Villanova
			FSSB	Fossombrone	IPES	Pescosannita	VVLD	Villa Vallelonga
			FRES	Fresagrandinaria	PSB1	Pescosannita	VINC	Vinca
			FUSC	Fuscaldo	PE1	Pezze di Greco (BR)	VISG	Visignano
			FUSE	Fusea	PCN	Piacenza	VTB1	Vitulano
			GALF	Gagliano Castelferrato	PCP	Pian Castagno	VG1	Voghera
			GMB	Gambarie	PIEI	Pieia	ZCCA	Zocca
			GMNA	Gemona	PIPA	Pietrapaola	ZOU	Zoufplan
			GEN	Genoa	PTRP	Pietrapertosa		
			GENL	Genova University	PTQR	Pietraquaria		
			GRFL	Gerfalco	PTRJ	Pietraraja		
			GRI	Girifalco	PDC	Pieve di Cadore		
			GIUL	Giuliano Di Roma	PNI	Pinerolo		
			GIGS	Gran Sasso	PII	Pisa		
			SGG	Gregorio Matese	PIS	Pisa		
			MOSI	Grossmontoni	PSL	Pistoia		
			GUAR	Guarcino	PLAC	Placania		
			GSCL	Gusciola	PGD	Poggio Sodo		
			IMI	Imperia	PO9	Polino		
			INTR	Introdacqua	POI	Polino		
			GROG	Isola di Gorgona	PMP	Pompeii		
			GORG	Isola Di Gorgona	POBI	Pontebba		
			IESO	Jesolo	PTC	Porto Cannone		
			JOPP	Joppolo	PDI	Porto d'Ischia		
			KOSI	Kohlern	POFI	Posta Fibreno		
			LPED	Lama dei Peligni	PZUN	Potenza		
			LPD	Lampedusa	PZF	Pozza Ferrara,		
			LAV9	Lanuvio		Ferrara di Monte		
			AQU	L'Aquila	PLI2	Baldo (VR)		
			LTRZ	Laterza	EPOZ	Pozzilli		
			LATE	Laterza	IPOZ	Pozzuoli		
			LCI	Lecce	PTF	Prato		
			LIV	Leghorn	PRT	Prato-Toscana		
			LNSS	Leonessa	PZZ	Pruzzo		
			LPI	Lipari	QRI	Quarto		
			LSR	Lussari	QCI	Quattro Castella		
			LMD	Lutirano	QLNO	Quiliano		
			MAGA	Magasa	RBL	Raibl		
			MABI	Malga Bissina	RAVA	Ravarino		
			MLNI	Malnisio	RCI	Reggio Calabria		
			MA9	Marino	MRCB	Reggio Calabria		
			MARE	Marsico Vetere	REIN	Rein		
			MATE	Matera	RSP	Reno Superiore		
			MELA	Melanico ??? S. Croce	RESU	Resuttano		
			MIGL	di Magliano	RGNG	Rignano Grg		
			MIL	Milano	RNI2	Rionero Sannitico		
			MLE	Mileto	ROB	Roburent		
			FIU	Minerbio Fiu	RDP	Rocca di Papa		
			PASE	Minerbio--Passere	RFI	Roccamonfina		
					RM12	Roccaromana		
					RV12	Rocchetta Volt		
					ROM9	Roma		

Azores		Rhone-Alpes		SIRB		TBT	Taburiente
AGA	Aqualva	OG24	Aussois	LUCR		TEN	Tenerife
ADH	Angra Heroismo	BROM	Bains de Bromines	SULR		CTFE	Tenerife
ADH0	Angra Heroismo	OG32	Castellane	VOIR		CVVD	Valverde
PBIS	Biscoitos	OG29	Digne	TESR		VVD	Valverde
CALA	Caldeira	OG28	Izon-la-Bruisse	OZUR		CEuta	CEuta
PCAN	Candelaria	OG27	Meolans	ZIMR		CEUT	CEuta
PCED	Cedros	OG34	Musihges	TUDR		EADA	Adamuz
CDRO	Cedros	OG33	Roure	GRER		EXAD	Adra
CEDR	Cedros	OG23	Tende			ADRA	Adra
CML	Cha da Macela	OG30	Villeneuve d'Entraunes	Sachsen		ERON	Agron
CMLA	Cha da Macela			FBE	Freiberg	NE11	Ainzon
PCNG	Congro	Romania				ALBA	Albanya
PMAT	Coroa da Mata	ARR	Arges	Serbia		EALB	Alboran
FAC	Faja de Cima	BAC	Bacau	BOLS	Boljevac	EXAL	Albunol
PFAD	Fenais da Ajuda	BMR	Baia Mare	DIVS	Divcibare	AFC	Alfacar
PFET	Feteiras	BANR	Banloc	FGSL	Fruska Gora	ALCS	Alfacar
FLOR	Flores ls	BERR	Berezeni	FRGS	Fruska Gora	EXAA	Alhama Almeria
FOT	Fontinhas	BIZ	Bicaz	HOPOS	Hopovo Monastery	EALH	Alhama de Murcia
FRA	Furnas	BIR	Birlad	SJES	Sjenica	EXAG	Alhama Granada
SET2	Ginetes	BISC	BISOCA	ZAPS	Zavoj/Pirot	ALI	Alicante
PGRA	Graciosa	BRD	Bordesti			EXAI	Alicante
HOR	Horta	BUC2	Bucharest	Serbia and Montenegro		ALJ	Aljibe
LFA	Lagoa do Fogo	BUC	Bucharest	Montenegro		EALK	Alkurruntz
PMAN	Manadas	BUC1	Bucharest	IVA	Berane	EXAM	Almeria
MIRA	Miradouro	BAPR	Bucharest-Childs Park	BEY	Berane	ALM	Almeria
MTSA	Monte Escuro	BGMR	Bucharest-Geological Museum	BUM	Brajici-Budva	ARAC	Aracena
MESC	Monte Escuro			BRY	Bratogost	EARA	Aranguren
SET4	Mosteiros	BTMR	Bucharest-Geotec Company	BDV	Budva	EXAR	Arenas del Rey
PICO	Pico			HCY	Herceg Novi	EARI	Ariondas
BART	Pico Bartolomeu	BBIR	Bucharest-INCERC-borehole	NKY	Niksic	AAPN	Arroyo Pinares
PCRZ	Pico da Cruz	RBAR	Bucharest-INCERC-Test Bldg	PVY	Play	AVN	Avellanés
PFVA	Pico das Favas			PLE	Pljevlja	EBAD	Badajoz
PSMN	Pico do Norte, Sta. Barbara	BVCR	Bucharest-Old Court	PDG	Podgorica	EXBA	Badajoz
		BSTR	Bucharest-Scientist's House	TTG	Podgorica	EBAJ	Bajamar
		BLHR	Bucharest-Stefan cel Mare Str.	ULC	Ulcinj	EBAN	Barros Encina
PPAD	Pico dos Padres			UPM	Unac-Piva	EXBZ	Baza
PVER	Pico Vermelho	BURAR	Bucovina Array	Serbia		EXBE	Becerrea'
PIED	Piedade	BUR09	Bucovina Ar. Site	BBLs	Bajina Basta - Lazici	EBEN	Beniarda
SET3	Pilar	BUR01	Bucovina Ar. Site	BARs	Barje	EXBN	Benidorm
PDA	Ponta Delgada	BUR02	Bucovina Ar. Site	BEO	Belgrade	EBER	Berja
PPNO	Prairinha do Norte	BUR03	Bucovina Ar. Site	BGY	Belgrade	EBIE	Bielsa
PRCH	Ribeira Ch	BUR04	Bucovina Ar. Site	VVOS	Brankovina	BRUG	Bruguera
RIA0	Ribeira da Areia	BUR05	Bucovina Ar. Site	DJES	Djerdap	CBUR	Bruguera
RIA	Ribeira da Areia	BUR06	Bucovina Ar. Site	GRUS	Gruga	ACBG	Cabo de Gata
PID	Ribeirinha	BUR07	Bucovina Ar. Site	MDRV	Mala Drenova	EXCA	Cadiz
RIB	Ribeirinha	BUR08	Bucovina Ar. Site	NOVS	Nova Varos 1	ECAL	Calabor
RIB2	Ribeirinha	BUR08	Bucovina Ar. Site	NVSS	Nova Varos 2	ACL	Calar Alto
ROSA	Rosais	BUZR	Buzau	PTNS	Petnica	AALM	Campus Universitario de Almeria
SDCA	Salto do Cavallo	BZS	Buzias	RUDS	Rudovci	ACU	Canalobre
ASBA	Santa Barbara	CDB	Caldarusani	SELS	Selova	CART	Cartagena
STGR	Santa Cruz	CGN	Calugareni	STRS	Struganik	CRT	Cartuja
PSMA	Santa Maria	CMP	Campulung	SVIS	Svilajnac	CCAS	Cassa de la Selva
SAZ	Santa Maria Island	CFR	Carcaliu	Sicily		SCRT	Cerro San Cristobal
PAMA	Santo Amaro	CEI	Carei	ECNV	Catenanuova	CEU	Ceuta
PSAN	Santo Antonio	CEA	Ceahlau	CORL	Corleone	ECUE	Ceuta
SRBC	Serra Branca	CVD	Cernavoda	MPAZ	Palizzi	ECHE	Chera
PSBA	Serra de Santa Barbara	CNCR	Cernica	RAFF	Raffo Rosso	EXCH	Chimeneas
SCUM	Serra do Cume	CIOR	Ciorogarla	ESLN	Serra La Nave	ACHM	Chimeneas
PSCM	Serra do Cume	CLO	Closani	Slovakia		ECOG	Cogollos-Vega
SETA	Sete Cidades	CLU	Cluj	ZST	Bratislava	CNIL	Conil
PSET	Sete Cidades	CJR	Cluj-Napoca	BRA	Bratislava	ECRI	Cripan
TOPO	Topo	CJR1	Cluj-Napoca	CRVS	Cervenica-Dubnik	EXDI	Dilar
VIF	Vila Franca	CLI	Colonesti	HRB	Hurbanovo	DILR	Dilar
PVNV	Vila Nova	CVO	Covasna	SRO1	Iza	EBRE	Ebro Roquetas
Madeira Islands		COZ	Cozia	KECS	Kecovo	EBR	Ebro Roquetas
FUL	Funchal	CRAR	CRATIOVA	KOLL	Kolacno	ECAB	El Cabril
PMAR	Madeira	DEV	Deva	KOLS	Kolonicke sedlo	EXEL	Elche
PMPs	Porto Santo	DOC	Dochia	LIKs	Likavka	EXED	Elda
PACT	Alcochete	DOPR	Dopca	SRO2	Moca	EXEE	El Ejido
PALC	Alcoutim	DRR	Dragan	MODS	Modra-Piesok	EGRO	El Granado
AMRP	Almeirim	DRA	Dragasani	POLL	Policarno	ELIZ	Elizondo
ALMR	Almeirim	FTB	Fintinele	SPC	Skalnate-Pleso	ESPR	Espera
PFBV	Barranco	FOC	Focsani	SMOL	Smolenice	ESPO	Esport
PBDV	Barranco-do-Velho	GZR	Gura Zlata	SRO	Srobarova	ESTP	Estepa
PBAR	Barrancos	HARR	Harsova	STHS	Stebnicka Huta	EXES	Estepona
PBEJ	Beja	HNM	Heniu Mare	VYHS	Vyhne	CEST	Esterni de Cardos
PBRG	Braganca	IAS	Iasi	Slovenia		FBR	Fabra
PCAB	Cabril	ISR	Istrita	BISS	Bistricki jarek	EFAM	Famara
PCBR	Castelo Branco	LRR	Leresti	BOJS	Bojanci	CFON	Fontmartina
PCVE	Castro Verde	LOT	Lotru	KBZS	Brezje pri Sen	FONT	Fontmartina
PCOI	Coimbra	MI	Malini	CADS	C@19adrg	AFUE	Fuente Hervidero
COI	Coimbra	MSR	Malnas	CRES	C@19res@19njevec Ostr	CGAR	Garraf
PESTR	Estremoz	PMGR	Mogosoaia	CEY	Cerknica	GIBL	Gibalbin
NE27	Evora	MSAB	Monastery St. Andrei	CESS	Cesta pri Krskem	GORA	Gorafe
EVO	Evora	MLR	Muntele Rosu	CRNS	Crni Vrh	NE14	Granada
FAR	Faro	ODB	Odobesti	DOBS	Dobrina	EGRA	Graus
PFFO	Foia	ONCR	Oncesti	DBY	Dobrovo	GUD	Guadarrama
INMG	Instituto de Meteorologia, Lisbon	PTT	Piatra Neamt	GOLS	Golis@17e	EGUA	Guajares
LIS	Lisbon	PLOR	Plostin	GBAS	Gorenja Brezovica	HACH	Hacho
PMST	Lisbon--Monsanto	PLOR1	Plostin Array site 1	GRJ	Gorje	EHRO	Hierro
PLOU	Loures	PLOR2	Plostin Array site 2	GORS	Gorjuse	EHIG	Higuera
PMAFR	Mafra	PLOR3	Plostin Array site 3	GBRS	Gornja Briga	EHOR	Hornachuelos
MTE	Manteigas	PLOR4	Plostin Array site 4	GCIS	Gornji Cirkik	HORN	Hornachuelos
MORF	Marmeleite	PGOR	Pogoanele	GROS	Grobnik	ERTA	Horta de San Juan
PMRV	Marv??o	PPE	Popeni	JAVS	Javornik	EHUE	Huescar
MESJ	Messejana	POPR	Popesti-Leordeni	KNDS	Knez@19ji Dol	EINC	Incio
MVO	Moncorvo	SCHRR	Schitu	KOGS	Kog	ALR	Isla de Alboran
MTH	Montachique	SBE	Sebes	LEGS	Legarje	IPRE	Itoiz
PFMF	Monte Figo	AAR	Sfinta Ana	LJU	Ljubljana	EXJA	Jaen
FIG	Monte Figo	SIBR	Sibi	MOZS	Mozjanca	EJIF	Jimena Frontera
PMJU	Montehunto	SNX	Sinaia	PERS	Pernice	EJIM	Jimena Frontera
MOE	Montemor	SIRR	Siria	PDKS	Podkum	EXJU	Jumilla
PLML	Palmela	STFR	Stefanesti	ROBS	Robic@19	NE11*	La Almunia
PDRG	Pedrog??o	SRE	Strehaia	SKDS	Skadancina	EJON	La Jonquera
PFPE	Pera	SDR	Surdac	VBY	Vinica-Bojanci	EMUR	La Murta
PRL	Portalegre	SSA	Susara	VISS	Vis@19nje	ELAN	Lanestosa
PTO	Porto	SSR	Susara	VOY	Vojsko	ERUA	La Rúa
PFSC	Santa Clara	TIM	Timisoara	VOJS	Vojsko	CAVN	Les Avellanés
PFSS	Sao Bartolomeu	TIRR	Tirgusor	VNDS	Vrh nad Dolskim	LJJA	Lijar
EVOP	Sao Brissos	TLB	Topalu	ZAVS	Zavodnje	CLLI	Llivia
PTEO	Sao Teotónio	TNR	Turnu Rosu	Spain		ELOB	Lobios
PSSC	Serra do Socorro	TUU	Turnu Rosu	Balearic Islands		LGR	Logrono
PTOM	Tomar	VLR	Valea Ierii	EIBI	Ibiza	ALOJ	Loja
PVAQ	Vaqueiros	VCT	Victoria	EIBI	Ibiza	EXLO	Lorca
PSRV	Vialonga--Serves	VRI	Vrincioaia	MAHO	Mahon	EXLR	Lorqui
PFVI	Vila Bisbo	PETR		ETOS	Mallorca	EXLU	Lugo
PVRL	Vila Real	TLCR		ESEL	Selva	ELUQ	Luque
PVIS	Viseu	SECR		Canary Islands		MDD	Madrid
NE21		HADR		CDLV	Cueva Verdes	EXMA	Malaga
Provence-Cote d'Azur		VARR		CHIE	El Hierro	MAL	Malaga
ANTF	Antibes	LTRR		CFTV	Fuerteventura	EMAL	Malaga-Limonero
ESCA	l'Escarene	GOLR		GGC	Guia Canaria	CMAS	Mas de Barberans
LUCF	Luceram	GHRR		GUI	Guimar	EMAZ	Mazaricos
LEPF	PUYLOUBIER	GALR		EGOM	La Gomera	MELI	Melilla
RUSF	Rustrel	FULR		CLAN	Lanzarote	EMEL	Melilla
Rheinland-Pfalz		DRGR		CCAN	Las Canadas	EMIJ	Mijas
HILG	Hillesheim	AMRR		MACI	Morro de la Arena	EMIN	Mina Concepcion
						EMIR	Miracle
						MOMI	Momias

Code	Station Name	Other						
EMON	Mondonedo		BLEU	Blekinge	GIMEL	Gimel	TFO1	Folkestone
POBL	Monestir Poblet		BORU	Boraas	DIX	Grande Dixence	CGH1	Goonhilly
MRB	Monserrat		BYD	Bredaryd	GRYON	Gryon	HGH	Gray Hill
EMOS	Mosqueruela		BREU	Bredtraesk	HASLI	Hasliberg	GILD	Guidford
EXMO	Motril		BURU	Burvik	KAMOR	Kamor	CGW	Gweek
EXMU	Mula		BYXU	Byxelkrok	SALAN	Lac Salanfe	HTL	Hartland
ANER	Nerja		DEL1	Delany	SEMIN	Lac Senin	SFH	Hasselmere
ENIJ	Nijar		DEL	Delany	BRANT	Les Verrieres	HPK	Haverah Park
OJEN	Ojen		DUNU	Dundret	LKBD	Leukerbad	HEA	Headley
OLT	Olot		EKSU	Eksjoe	LLS	Linth-Limmern	HHWY	High Hoyland
EXOR	Olula del Rio		ERTU	Ertjaerv	MMK	Mattmark	LHO	Holmfirth
ORG	Organya		ESKU	Eskilstuna	MELS	Mels	SIW	Isle of Wight
CORG	Organya		FABU	Falkenberg	MUGIO	Muggio	CKE	Keswick
ORGV	Orgiva		FALU	Falun	MUO	Muotathal	KEW	Kew
CORI	Orista		FINU	Finntorp	NEU	Neuchatel	KEY1	Keyworth
EORO	Oroz-Betelu		FLYU	Flymyra	NEC	Neuchatel	KEY2	Keyworth
EOSO	Osorio		FORU	Forsmark	FUORN	Ofenpass	LKL	Kirkby Lonsdale
EXPA	Pamplona		GNOU	Gnosjoe	ORB	Orbe	SKP1	Kophill
PARA	Parapanda		GOT	Goteborg	OSS	Ova Spin	LDU	Leeds University
APCG	Parque de las Ciencias		NE01	Goteborg	PLONS	Plons	LVR	Liverpool
APHE	Pico Herrero		GOTU	Gotland	SAX	Saentis	LLQ	Longridge
PINR	Pinar		GRAU	Graesoe	SLE	Schleitheim	LLY	Lytham Saint Anne's
EPLA	Plasencia		GBD	Granbergs Dal	SIERE	Sierre	CMA1	Manaccan
PLAT	Plata		GNN	Gunnerudssatern	SIS	Sion	LMK	Market Rasen
EPOB	Poblet		HFS	Hagfors	STEIN	Stein am Rhein	SMD	Mendips
PONT	Pont de Suert		HFSA1	Hagfors Array Site A1	SULZ	Sulz-Cheisacher	CME	Menerud Farm
EPON	Pontenova		HFSB1	Hagfors Array Site B1	TMA	Tamaro	MMY	Middlesmoor
EPRU	Pruna		HFSB2	Hagfors Array Site B2	TORNY	Torny	LMI	Milom
NE13	Puertollano		HFSB3	Hagfors Array Site B3	TRULL	Truelikon	LBH	Morecambe B102
EQUE	Quentar		HFSB4	Hagfors Array Site B4	VDL	Val di Lei	OMWY	Oxenhope Moor
EQES	Quesada		HFSB5	Hagfors Array Site B5	EMV	Vieux Emosson	OXD	Oxford
RANB	Rancho Bola		HFSC1	Hagfors Array Site C1	WEIN	Weingarten	APAE	Packway
REAL	Reales		HFSC2	Hagfors Array Site C2	WILA	Wila	CPZ	Penzance
RESI	Resinera		HFA0	Hagfors New Array Site A0	WIMIS	Wimmis	POE	Porton East
ERIP	Rio Piedras		HFA1	Hagfors New Array Site A1	ZLA	Zuerich Laegern	POS	Porton South
TINT	Rio Tinto		HFA2	Hagfors New Array Site A2	ZUR	Zurich	QMB	Queensbury
EROQ	Roquetas del Mar		HFA3	Hagfors New Array Site A3	ZUL	Zurich-Lageren	LRN	Richmond
ESAC	San Caprasio		HFB1	Hagfors New Array Site B1	Thuringen		CRQ	Rosemanowes
SFUC	San Fernando		HFB2	Hagfors New Array Site B2	HKWD	Heukewalde / Germany	CRQ2	Rosemanowes 2
SFS	San Fernando		HFB3	Hagfors New Array Site B3	KBDG	Kleinbodungen	SBD	Saint Breward
EPAB	San Pablo		HFB4	Hagfors New Array Site B4	SCHD	Schmiedefeld	CSF	Scaffel
PAB	San Pablo		HFB5	Hagfors New Array Site B5	TAUT	Tautenburg	TSA1	Sevenoaks
SRQ	San Roque		HFC2	Hagfors New Array Site C2	Ukraine		SHT	Sharpitor
NE30	Santa Pau		HARU	Harads	ALU	Alushta	SHID	Shide
STS	Santiago		HASU	Hassela	CRA	Chernovtsy	SCK	South Creake
NE26	Santiago de Compostela		HED	Hedekas	CRB	Chernovtsy (B)	CSA1	St Austell
SESP	Santiago Espada		HEM	Hemsoen	FE0	Feodosiya	CST1	Stithians
EXSA	Sarria		HRN	Horndal	KERU	Kerch	STO	Stonyhurst
ASCB	Sierra Cabrera		HUDU	Hudiksvall	KIEV	Kiev	SSW	Stow on the Wold
ELIJ	Sierra de Lijar		HUSU	Husum	KSV	Kosov	SWN1	Swindon
ELVI	Sierra Elvira		IGGU	Iggoen	KMPD	K-Podol'skiy	KSY	Syston
SELV	Sierra Elvira		KALU	Kalix	LVV	L'vov	BTA	Talkin
ELOJ	Sierra Loja		KLS	Karlskrona	MKY	Makeyevka	KTG1	Tilbrook Grange
ASMO	Sierra Morrones		KTN	Katrineberg	AKASG	Malin Array Beam Reference Point	KUF	Ufford
ESBB	Sonseca Array BB		KIR	Kiruna	AK01	Malin Array Site 01	SWK	Warminster
ESDC	Sonseca Array Beam Reference Point		KUA	Kurravaara	AK02	Malin Array Site 02	KWE	Weaver Farm
ES01	SONSECA Array Site 01		LANU	Lannavaara	AK03	Malin Array Site 03	WBE	West Bromwich
ES02	SONSECA Array Site 02		LILU	Lilltraesk	AK04	Malin Array Site 04	AWH	Whinburnh
ES03	SONSECA Array Site 03		LNKU	Linkoepping	AK05	Malin Array Site 05	LWH	Whinny Nab
ES04	SONSECA Array Site 04		LUN	Lund	AK06	Malin Array Site 06	AWI1	Witton
ES05	SONSECA Array Site 05		MRE	Mariestad	AK07	Malin Array Site 07	WOL	Wolverton
ES06	SONSECA Array Site 06		MASU	Masugnsbyn	AK08	Malin Array Site 08	WON	Wolverton North
ES07	SONSECA Array Site 07		MYV	Myrviken	AK09	Malin Array Site 09	DYA	Yadsworth
ES08	SONSECA Array Site 08		NSD	Nasudden	AK10	Malin Array Site 10	Isle of Man	
ES09	SONSECA Array Site 09		NIKU	Nikkaluokta	AK11	Malin Array Site 11	WIM	Isle of Man
ES10	SONSECA Array Site 10		NRAU	Nora	AK12	Malin Array Site 12	GIM	North Isle of Man
ES11	SONSECA Array Site 11		NOD	Norderasen	AK13	Malin Array Site 13	Northern Ireland	
ES12	SONSECA Array Site 12		NRTU	Norttaelje	AK14	Malin Array Site 14	GCL	Cushendall
ES13	SONSECA Array Site 13		NYK	Nykoping	AK15	Malin Array Site 15	GMM	Mts of Mourne
ES14	SONSECA Array Site 14		NYNU	Nynaeshamn	AK16	Malin Array Site 16	Orkney Islands	
ES15	SONSECA Array Site 15		OSTU	Oestervaal	AK17	Malin Array Site 17	OHO	Hoy
ES16	SONSECA Array Site 16		OLF	Olofstrom	AK18	Malin Array Site 18	OST	Stronsay
ES17	SONSECA Array Site 17		ORK	Orkellunga	AK19	Malin Array Site 19	OWE	Westray
ES18	SONSECA Array Site 18		OSKU	Oskarshamn	AK20	Malin Array Site 20	Scotland	
ES19	SONSECA Array Site 19		PAJU	Pajala	AK21	Malin Array Site 21	ABE	Aberdeen
ESLA	Sonseca Array Site A		ROTU	Roteberg	AK22	Malin Array Site 22	EAB	Aberfoyle
ESLB	Sonseca Array Site B		SALU	Saltoluokta	AK23	Malin Array Site 23	KAC	Achnashellach
ESLC	Sonseca Array Site C		SJUU	Sjulsmark	AKBB	Malin Array Site BB	MVH1	Achvaich
ESLD	Sonseca Array Site D		SKA	Skalstugan	MEZ	Mezhgor'ye	KAR1	Arisaig
ESLE	Sonseca Array Site E		SOLU	Sollefteaa	MRSS	Morshin	EAU	Auchinoon
ESLF	Sonseca Array Site F		SGAS	Stanga	MORS	Morshin	EBH	Buck Hill
ESLG	Sonseca Array Site G		SLL	Stollet	NE56	Odesa	BBO1	Bothel
CSOR	Sort		STRU	Stroemstad	NE58	Poltava	OBR	Brabster
EXTA	Tarifa		SVAU	Svanoeiden	RAK	Rakhov	EBL	Broad Law
ATEJ	Tejeda		TNU	Tenhult	SEV	Sevastopol'	BBH	Bruntshel
ETER	Terradas		TJOU	Tjoern	SIM	Simferopol'	RCR	Cape Wrath
ETOB	Tobarra		TBY	Torsby	NE55	Skvira	PCA1	Carrot
NE17	Toledo	TOL	UDD	Uddeholm	SUDU	Sudak	GCD	Castle Douglas
TOL	Toledo		UME	Umea	UZH	Uzhgorod	ECK	Cauldkaine Hill
TLO	Toledo HGLP		UMAU	Umeaa	YAL	Yalta	BCC1	Chapelcross
TORR	Tordecillas		UPP	Uppsala	United Kingdom		MCD	Coleburn Distillery
ETOR	Torete		VANU	Vaenersborg	Channel Islands		PCOU	Corrie
EXTO	Torrevieja		NASU	Vaermalandsnaes	JRS	Jersey	BDL	Dobcross Hall
CTRE	Tremp		VSTU	Vaestervik	JLP	Les Platons	MDO	Dochfour
CADI	Tunel del Cadi		VXJU	Vaexsjoe	JOE	Queens East	EDR	Drumtochty
IUNC	Unciti		VNY	Varmlds Nysat	JSA	Saint Aubin	EDU	Dundee
IUSE	Utxeti		VAS	Vassijaure	JVM	Valle D.L. Mare	EDI	Edinburgh
NE12	Valle Caidos		VEB	Veberod	England		REB	Eisghbrachaidh
EVAL	Valverde		VIKU	Vikbolandet	HAE	Alders End	ESK	Eskdalemuir
VAN2	Vandellos 2		VIM	Vimmerby	XAL	Allendale	EKB	Eskdalemuir
VELZ	Velez Rubio		Switzerland		AFH	Ashford Hill	EKB1	Eskdalemuir Array Site B1
EXVE	Vera		AIGLE	Aigle	ABA1	Baconsthorpe	EKB10	Eskdalemuir Array Site B10
EVIA	Vianos		APL	Alpnach	BHM	Barham	EKB2	Eskdalemuir Array Site B2
VIH	Vielha		LIENZ	Alp Oberkamor	BID	Bidston	EKB3	Eskdalemuir Array Site B3
VILA	Vilada		BALST	Balsthal	BMY	Bingley Moor	EKB4	Eskdalemuir Array Site B4
EZAM	Zamans		BNALP	Bannalp	KBI1	Birley Grange	EKB5	Eskdalemuir Array Site B5
NE28	Zamora		BAS	Basle	BKN	Blacknest	EKB6	Eskdalemuir Array Site B6
IZUN	Zunzarren		BERNI	Berninapass	HLB2	Bonnylands	EKB7	Eskdalemuir Array Site B7
NE24		ALI	BOURR	Bourrignon	LBO	Bowland	EKB8	Eskdalemuir Array Site B8
NE19		LGR	BRI	Brig	TBW	Brentwood	EKB9	Eskdalemuir Array Site B9
NE20		ALM	BUB	Buchberg	BUW	Bucklebury West	EKR1	Eskdalemuir Array Site R1
NE22		MAL	CHU	Chur	CBW1	Budock Water	EKR10	Eskdalemuir Array Site R10
NE23		FBR	DAVOX	Davos	BUWY	Burn	EKR2	Eskdalemuir Array Site R2
NE25		EBR	DAVON	Davos	CCA1	Carmmenellis	EKR3	Eskdalemuir Array Site R3
Svalbard			BASL	Basle	LCP	Cassop	EKR4	Eskdalemuir Array Site R4
HOPEN	Hopen		BERNI	Berninapass	CFW	Charnwood Forest	EKR5	Eskdalemuir Array Site R5
Sweden			BOURR	Bourrignon	CLB	Chilbolton	EKR6	Eskdalemuir Array Site R6
ABB	Abborrasen		BRI	Brig	TCR	Colchester	EKR7	Eskdalemuir Array Site R7
ABK	Abisko		BUB	Buchberg	DCO	Combe Farm	EKR8	Eskdalemuir Array Site R8
ASPU	Aespoe		CHU	Chur	CCO1	Constantine		
ATR	Alsterbro		DAVOX	Davos	LCK	Crook		
APO	Appelbo	APO	DAVON	Davos	XDE	Dent Fell		
APP	Appelbo		EMO	Emosson	CDU1	Dunnderdale		
ARNU	Arnoeviken		EMS	Emosson-Mur	DUR	Durham		
ASKU	Askersund		FLACH	Flaach	AEU	East Anglia University		
BACU	Backbrunna		FUSIO	Fusio	TEB	Eastbourne		
					HEX	Exmoor		

Code	Station Name	Other	WBO	Williamsburg	FL02	Flin Flon Array Site 2	TCX	Tecpatan
ER231	Early Rise 231		WNR	Windsor	FL03	Flin Flon Array Site 3	MUX	Union Juarez
ER232	Early Rise 232		Quebec		FL31	Flin Flon Array Site 31	ZAC	Zacatic
ER234	Early Rise 234		AKVQ	Akulik	FL04	Flin Flon Array Site 4	Chihuahua	Chihuahua
ER235	Early Rise 235		CNQ	Baie Comeau	FL05	Flin Flon Array Site 5	CHH	Chihuahua
ER236	Early Rise 236		BELQ	Belleterre	FL06	Flin Flon Array Site 6	Colima	Colima
ER237	Early Rise 237		BU-QB	Buckingham	FL07	Flin Flon Array Site 7	COLM	Colima
ER238	Early Rise 238		BU-	Buckingham	FL08	Flin Flon Array Site 8	SRR	Isla Socorro
ER239	Early Rise 239		CBRQ	Cabonga Reservoir	FL09	Flin Flon Array Site 9	MNZ	Manzanillo
ER241	Early Rise 241		CHO	Charlesbourg	SAS	Saskatoon	Guanajuato	Leon Cerro Gordo
ER242	Early Rise 242		CHGQ	Chibougamau	Yukon Territory		LCG	Leon Cerro Gordo
GBN	Guysborough		CIQ	Chicoutimi	BH-	Burwash Landing	Guerrero	
HAL	Halifax		SMO	Clarke City	BH-YK	Burwash Landing	ACX	Acapulco
Nunavut			ER109	Early Rise 109	CTLN	Castor Lake	CDAM	Ciudad Altamirano
BULN	Bullion Camp, Hudson Bay		ER110	Early Rise 110	DAWY	Dawson	CAIG	El Cayaco
SNQN	Sanikililiug		ER111	Early Rise 111	DWY	Dawson City	FLOM	Florida
STLN	Stellar Camp, Hudson Bay		ER112	Early Rise 112	DLY	Dezadeash Lake	CGG	Guerrero
Ontario			ER113	Early Rise 113	GALN	Garnet Lake	LLJ	Guerrero
ACTO	Acton		ER114	Early Rise 114	HYT	Haines Junction	III	Iguala
AFO1	Alfred		ER115	Early Rise 115	ILKN	Indian Lake	UON	La Union
AFO2	Alfred		ER116	Early Rise 116	KEY	Kluane	LVGX	La Villita
ALFO	Alfred		ER117	Early Rise 117	KRY	Koidern River	NUXM	Nuxco
ALGO	Algonquin Park		ER118	Early Rise 118	KBT	Komakuk Beach	PPNM	Papanoa
BASO	Ashfield		ER119	Early Rise 119	SPY	Shingle Point	PPOM	Papayo
ATKO	Atikokan Iron Mine		ER120	Early Rise 120	SIY	Silver City	PNIG	Pinotepa
BANO	Bancroft		ER201	Early Rise 201	WL-	Watson Lake	PLIG	Platanillo
BRPO	Bonnechere River Park		ER202	Early Rise 202	WL-YK	Watson Lake	POGM	Potrero Grande
BRCO	Bruce Peninsula		ER203	Early Rise 203	WHY	Whitehorse	CC1	Presa Caracol 1
BUKO	Buck Lake		ER204	Early Rise 204	WH-YK	Whitehorse	CC2	Presa Caracol 2
RD01	Burlington		ER205	Early Rise 205	WH2*	Whitehorse	CC3	Presa Caracol 3
BUO	Burlington		ER207	Early Rise 207	WH-	Whitehorse	CC4	Presa Caracol 4
CLPO	Centennial Lake Park		ER208	Early Rise 208	WH2YK	Whitehorse	CC5	Presa Caracol 5
CRLO	Chalk River		ER209	Early Rise 209	WHC	Whitehorse	PIM	Presa Infernillo
CKO	Chalk River		ER210	Early Rise 210	Caribbean Sea		PDEM	Puerto del Eden
CFO	Chats Falls		ER211	Early Rise 211	GRGR	Grenville	PGOM	Puerto del Gallo
CLWO	Collingwood		ER212	Early Rise 212	BBGH	Gun Hill	SJRM	San Jeronimo
DAN	Dane		ER213	Early Rise 213	ER215	Early Rise 215	SMAM	San Marcos
DREO	Darlington East Ontario		ER216	Early Rise 216	ER217	Early Rise 217	TETM	Tetitlan
DRWO	Darlington West Ontario		ER217	Early Rise 217	GNT	Gentilly	TPG	Tiapa
DLA	Delaware (Ont)		GAC	Glen Almond	GRO	Grand Remous	ZHGX	Zihuatanejo
DELO	Deloro Mine		GRO	Grand Remous	GWR	Great Whale R.	ZIIG	Zihuatanejo
DVO	Downsview		GWC	Great Whale River	GWC	Great Whale River	ZIH	Zihuatanejo
ER101	Early Rise 101		GSO	Grosses Roches	HTQ	Hauterive	Hidalgo	Tulancingo
ER102	Early Rise 102		HTQ	Hauterive	HMC	Holland Mills	Jalisco	
ER103	Early Rise 103		INUQ	Inukjuak	IVKQ	Ivujivik	CJM	Chamela
ER104	Early Rise 104		MLQ1	Kipawa	KUJ	Kuujuuaa	CGX	Ciudad Guzman
ER105	Early Rise 105		DAQ	Lac Daran	MLQ1	Kipawa	GUM	Guadalajara
ER106	Early Rise 106		DHLQ	Lac-des-Plages	KUJ	Kuujuuaa	GUM2	Guadalajara 2
ER107	Early Rise 107		LCQ	La Grande	DAQ	Lac Daran	LNM	Leon
ER108	Early Rise 108		LDQ	La Grande	KEKH	Kekaha, Kauai, Hawaii	SFJM	Santa Fe
EFO	Effingham		LBO	La Grande	Idaho		UGO	Universidad de Guanajuato
EEO	Eldee		LGQ	La Grande	DCID1	Drake Creek	TPIG	Tehuacan
ELFO	Elginfield		LAQ	La Grande	Mexico		Mexico D.F.	
ELF	Elginfield		LTO	La Grande	Aguascalientes		IA	Altzomoni
ELLO	Elliot Lake		JAQ	La Grande 3	AGX	Aguascalientes	AYVM	Ayaquemo
ELGO	Elora Gorge		LRQ	La Grande 3	Baja California		CRX	Cerrillo
ES-	Espanola	ES-ON	JBO	La Grande 3	LAX	Bahia de Los Angeles	CGVM	Cerro Gordo
ES-ON	Espanola		LXQ	La Grande 3	CBX	Cerro Bola	CHVM	Chichinautzin
EPLO	Experimental Lakes		JCQ	La Grande 3	CPBX	Cerro Prieto	CIVM	Cilcuayo
FHO	Fitzroy Harbor		KBQ	La Grande 4	ECBX	El Chinerero	CVM	Conuoa del Valle
GTO	Geraldton		KAQ	La Grande 4	EGM	El Golfo de Santa Clara	DEIG	Demacu
HGVO	Hagersville		LAQ	La Grande 4	EMX	El Mayor	IIP	El Pino
HML	Hamilton		LQO	La Grande 4	ECX	Ensenada	IIM	Instituto de Ingenieria, UNAM
HUO	Hudson		KCQ	La Grande 4	ENX	Ensenada	IXT	Ixtapalapa
KAO	Kapusking		LG4Q	La Grande 4	ENX	Ensenada	JCM	Jocotitlan
KAPO	Kapusking		LMQ	La Malbaie	ECNX	Esteban Cantu@15	MEX	Mexico City
KLBO	Killbear Provincial Park		LPQ	La Pocatiere	IGM	Isla Guadalupe	OXM	Oxtotitlan
KGNO	Kingston		POC	La Pocatiere	JQX	Jiquilpan	PTVM	Pico Tres Padres
KILO	Kirkland Lake		LATQ	La Tuque	LAP	La Paz	PBVM	Pinon
KLC	Kirkland Lake		MNQ	Manicouagan	LPIG	La Paz	MDVM	Presma Madin
KLO	Kirkland Lake		MIQ	Maniwaki	RMX	La Rumorosa	PNVM	Presma Marin
LDIO	Lac des Isle Mine		MATQ	Matagami	PGX	Piedras Gordas	RFVM	Rio Frio
LHC	Lakehead University		A54	Misere	PBX	Punta Banda	IIC	Rita Coyotepec
LINO	Lindsay		MOQ	Mont Orford	RDX	Rancho Dowling	SZVM	Salazar
LDN	London (Ont)		MNT	Montreal	RSJ	Rancho San Jose	SMMM	San Miguel
LND	London (Ont)		TRQ	Mont Tremblant	SFP	San Felipe	TAC	Tacubaya
MADO	Madoc		MRNQ	Morin Heights	SFX	San Felipe	UNM	Universidad Nacional Autonoma de Mexico
MW-	Mattawa	MW-ON	MRHQ	Morin Heights	SJX	San Joaquin	CGIG	
MW-ON	Mattawa		NEMQ	Nemaska	SMX	San Miguel	HFIG	
MALO	McAlpine Lake		ICQ	Pointe Anglais	SPX	San Pedro Martir	HSIG	
BMRO	Meriville Lake		PBQ	Poste Baleine	SRL	Santa Rosalia	Mexico:State	
RD03	Mount Hope		QCO	Quebec	SLBS	Sierra La Laguna	IJU	Jocotitlan
MPPO	Murphy's Point		QBC	Quebec	VEX	Veracruz	IIZ	Mezontepic
MUMO	Musselwhite Mine		QCL	Quebec	Campeche		Michoacan	
OTT	Ottawa		A16	Riviere Ouelle	TUIG	Tuzandepetl	CCMX	Caleta Campos
OTRO	Otter Rapids		A21	Saint Andre	SCIG		LAZM	Lazaro Cardenas
PLIO	Pelee Island, Stone Alvar Conservation Area		A61	Sainte Mathilde	Chiapas		ZEM	Michoacan
PEMO	Pembroke		SHQ	Saint-Hilarion	CZC	Chiapa de Corzo	BVTM	Michoacan
PKRO	Pickering		DPO	Saint Jean	TANM	Chiapas	CBZM	Michoacan
PKLO	Pickle Lake		SLQ	Saint Louis du Ha Ha	LIBM	Chiapas	MRX	Morelia
PLVO	Plevna		A11	Saint Roch-des-Aulnaies	PORM	Chiapas	MOIG	Morelia
PTCO	Port Colborne		A64	Saint Simeon	SIPM	Chiapas	OSM	Ostula
PECO	Prince Edward County		SV2	Schefferville	PENM	Chiapas	Morelos	
PNPO	Pukaskwa National Park		SV2QB	Schefferville	ARL	Chiapas	TPM	Tepoztlan
RLKO	Red Lake		SV3QB	Schefferville	PAY	Chiapas	YAIG	Yautepec
RK-ON	Red Lake		SCHQ	Schefferville	BJU	Chiapas	Nayarit	
RSON	Red Lake		SV3	Schefferville	VGP	Chiapas	IMM	Islas Marias
RDLO	Red Lake		SCH	Schefferville	ZZA	Chiapas	Nuevo Leon	
RK-	Red Lake	RK-ON	SFA	Sept-Chutes	UJZ	Chiapas	TMM	Tecnologico de Monterrey
RSPO	Restoule Provincial Park		SIC	Sept Iles	MARM	Chiapas	TMM2	Tecnologico de Monterrey 2
SADO	Sadowa		SHF	Shawinigan Falls	CSN	Chicoasen	VNM	Villa de Garcia
STCO	Saint Catharines		SBQ	Sherbrooke	CR1	Chicoasen 1	Oaxaca	
SL-ON	Sault Sainte Marie		SO-	Sorel	CR2	Chicoasen 2	CEO	Cerro Encantado
SL-	Sault Ste Marie	SL-ON	SO-QB	Sorel	CR3	Chicoasen 3	HUIG	Huatulco
SCB	Scarborough		MLQ2	Temiscamingue	CR4	Chicoasen 4	CMIG	Matias Romero
SXO	Sioux Lookout		TMK	Temiskaming	CR5	Chicoasen 5	OXX	Oaxaca
SOLO	Sioux Lookout		VALQ	Val d'Or	CR6	Chicoasen 6	OAX	Oaxaca
SOO	Sioux Lookout		VDQ	Val d'Or	CR7	Chicoasen 7	AZO	Oaxaca
RD04	Stoney Creek		VLDQ	Val d'Or	CCIG	Comitan	GUO	Oaxaca
SWXO	Sudbury		VMC	Ville Marie	COM	Comitan	PXO	Oaxaca
SZO	Sudbury		Saskatchewan		COM2	Comitan 2	LAGM	Oaxaca
SWO	Sudbury		BGUS	Bergheim	EJC	Estacion Juarez	YOO	Oaxaca
SUO	Sudbury		BMS	Big Muddy Lake	IHC	Ixhuatan	PSM	Palmasola
SUD	Sudbury		FFC	Flin Flon	IXC	Ixtacomitan	PIO	Pinotepa
SUNO	Sudbury Onaping		FLAR	Flin Flon Array Beam Reference Point	JDN	Jardin	PLO	Pochutla
SILO	Sutton Inlier		FL01	Flin Flon Array Site 1	OZC	Ocozacoautla	PBJ	Presma Benito Juarez
TBO	Thunder Bay		FL10	Flin Flon Array Site 10	OSCM	Ostuacon	PEX	Puerto Escondido
TOBO	Tobermory, Bruce Peninsula National Park		FL11	Flin Flon Array Site 11	PN1	Presma Penitas 1	PEO	Puerto Escondido
TNT	Toronto		FL12	Flin Flon Array Site 12	PN2	Presma Penitas 2	TEO	Teotitlan
TORO	Toronto--Leslie Street Spit		FL13	Flin Flon Array Site 13	PN3	Presma Penitas 3	TXO	Tlaxiaco
TYNO	Tyneside		FL14	Flin Flon Array Site 14	PN4	Presma Penitas 4	VDF	Valdeflores
VIMO	Victor Mine		FL15	Flin Flon Array Site 15	SCX	San Cristobal	VMO	Villa Marinero
BWLO	Walkerton		FL16	Flin Flon Array Site 16	SMJM	Simojovel	VHO	Vista Hermosa
RD02	Waterdown		FL17	Flin Flon Array Site 17	TLA	Tapachula	VHM	Vista Hermosa
WEO	Welcome		FL18	Flin Flon Array Site 18	TPX	Tapachula	Puebla	
WLVO	Wesleyville							

Code	Station Name	Other	Mines	AL31	ALPA Array Site 31	ALAR	CHW	Chowiet Island
ACP	Acatlan		KASO Kasabonika Lake,	AL32	ALPA Array Site 32		CKR	Christmas Creek
CHPM	Chiautla de Tapia		First Nations Ontario	AL33	ALPA Array Site 33		CUT	Chulitna
ISM	Ciudad Serdan		MSNO Moosonee Ontario	AL5	ALPA Array Site 35		CHB	Church
CUPM	Cuyoaco		NANO Nakina Ontario	AL36	ALPA Array Site 36		CRQM	Cirque
MOPM	Molcaxac		NSKO Neskantaga (Lansdowne House)First Nations	AL37	ALPA Array Site 37		CCB	Clear Creek Butte
PPM	Popocatepetl			AMA	Amatignak Island		CMA	Clear Mews
CXP	Puebla		ORIO Orleans, Innes Road, Ontario	AND	Amchitka		CBY	Cold Bay
CIPM	Puebla			AWA	Amchitka		CBA	Cold Bay
PUE	Puebla		TIMO Timmins Ontario	ANB	Amchitka		COLD	Coldfoot
IIB	San Bernardino			AMKA	Amchitka		COLA	College
SRP	Santa Rosa		Oregon	ANA	Amchitka		CMO	College--Fairbanks
TCPM	Tecamachalco		EYES Ewing Young ES,	AMC*	Amchitka		CFI	College Fiord
IIT	Tonantzintla		Newberg ANSS-SMO	ASB	Amchitka		COL	College Outpost
VGM	Villa Grajales		JORV Jordan Valley SMO	AC-IS	Amchitka		CHSA	Colony High School
Queretaro			LKVV Lakeview	ASD	Amchitka		CNTC	Contact Creek
QUIG	Queretaro		LANE Lane BPA Site-SMO	ASC	Amchitka		CDI	Cordova
Sinaloa			MRIN Marion BPA Site	AEB	Amchitka	ASB	CVA	Cordova
CUL	Culiacan		DOGAMI SMO	ACA	Amchitka Central A		EYAK	Cordova Ski Area
MAIG	Mazatlan		MONO Monmouth DOGAMI SMO	ACB	Amchitka Central B		CRAG	Craig
MZM	Mazatlan		MOON Moon Mountain	ACC	Amchitka Central C		CRP	Crater Peak
MAZ	Mazatlan		NEWO Newport DOGAMI SMO	ACD	Amchitka Central D		CPAM	Crater Peak Alternate
TPB	Topolobampo		PERL Pearl BPA Site DOGAMI SMO	ACE	Amchitka Central E		CPKM	Crater Peak Rim
Sonora				ACF	Amchitka Central F		CP2	Crater Peak Two
CBS	Caborca		PRLK Prince Lake	AME	Amchitka East		DMB	Deadman Bay
GYM	Guaymas		SEAS Seaside SMO	ANH	Anchorage		DHAK	Deception Hills
LMX	La Mesa Andrade		SOUA Southern Oregon	ANI*	Anchorage	ANH	DRIA	Deer Island
RHM	Rio Hardy		UOUI Univeristy DOGAMI SMO	AMU	Anchorage		DRRA	Deer Island
EGX	Santa Clara		TIMB Timberline	ANCK	Angle Creek		DJE	Delta Junction E
Tabasco			TOLO Toledo BPA CREST BB SMO	ACHA	Angle Creek Headwaters		DMW	Delta Microwave
LJS	Tabasco		UMPQ Umpqua Community College DOGAMI SMO	ANI	Aniakchak		DHY	Denali Highway
Tamaulipas				ANKA	Aniakchak		DMA	Devil Mountain
TMX	Tampico			ANIA	Aniakchak Crater		DLL	Dillingham
Tlaxcala				AJAX	Aniakchak Jack		DSK	Disk Island
IIO	Organos		Prince Edward Island	ANPK	Aniakchak Peak		DIV	Divide
Veracruz			TIGG Tignish, PEI	ANPB	Aniakchak Plenty Bear		DLG	Dolgoi Island
BUE	Buenavista			ANV	Anvil Mountain	ANM	DOL	Dolgoi Island
ABR	El Abra		Quebec	AA-IS	Atka		DDM	Donnelly Dome
EVV	El Vigia		YOSQ Ashton Mining of Canada property	ATKA	Atka Island		DOT	Dot Lake
JIL	Jilotepec		BSPQ Baie-St-Paul	FX1	Attu Island--Fox		DFR	Drift River
LVIG	Laguna Verde		BCLQ Boischatel	AUD	Augustine Domo		DUT	Dutch Harbor
LVVM	Laguna Verde		CHIQ Chicoutimi-Nord	AUF	Augustine Flow		DHA	Dutch Harbor
LXJ	Las Lajas		GASG Gaspe, Quebec	AUH	Augustine H		DT1	Dutton Round Hill
PZX	Poza Rica		LMBQ La Malbaie	AGI	Augustine Island		DTNA	Dutton South Flank
FARM	Veracruz		RIMQ Rimouski	AUI	Augustine Island		EGAK	Eagle
LVM	Veracruz		RDLQ Riviere-du-Loop	AUE	Augustine Island		EAM	Ear Mountain
LIMM	Veracruz		ROUQ Riviere-Ouelle	AU2	Augustine Island		OKER	East Rim
MANM	Veracruz		SADQ Saint-Augustin-de-Desmaures	AUL	Augustine Lava		NPO	Eielson Array
CAMM	Veracruz		SANQ St-Andre-du-Lac-St-Jean	AUM	Augustine Mound		ILAR	Eielson Array Beam Reference Point
VCM	Veracruz		SELO St-Eleuthere	AUP	Augustine Pinnacle		ILB	Eielson Array Broadband
Yucatan			SGRQ St-Georges	AGU	Augustine Summit		IL1	Eielson Array Site 1
MER	Merida		SLBQ St-Lucie-de-Beauregard	AUW	Augustine West		IL10	Eielson Array Site 10
TEIG	Tepich		STOQ Stoneham	ABF	Auke Bay		IL11	Eielson Array Site 11
Zacatecas			STPQ St-Pascal	BALM	Baldy		IL12	Eielson Array Site 12
ZAIG	Zacatecas		TADQ Tadoussac	BALA	Baldy Mountain		IL13	Eielson Array Site 13
Mexico D.F.			WEMQ Wemindji, Quebec	BCPM	Bancas Point		IL14	Eielson Array Site 14
MZVM				BGL	Barrier Glacier		IL15	Eielson Array Site 15
				BGRM	Barrier Glacier Two		IL16	Eielson Array Site 16
				BRV	Barrow		IL17	Eielson Array Site 17
				BRW	Barrow		IL18	Eielson Array Site 18
Michoacan			St Pierre and Miquelon	BI3	Barter Island		IL19	Eielson Array Site 19
MMIG	Aquila		SPR Saint Pierre	BI1	Barter Island		IL02	Eielson Array Site 2
				BI4	Barter Island		IL03	Eielson Array Site 3
Nayarit			U.S.A	BI2	Barter Island		IL04	Eielson Array Site 4
ANIG	Ahuacatlan		Kodiak Island	BPFW	Bear Paw Mtn.		IL05	Eielson Array Site 5
			OHAK Old Harbor	BCAR	Beaver Creek Array		IL06	Eielson Array Site 6
			New York	BC01	Beaver Creek Array Site 1		IL07	Eielson Array Site 7
Netherlands Antilles			JSRW J. Sargent Reynolds Community College	BC02	Beaver Creek Array Site 2		IL08	Eielson Array Site 8
Caribbean Sea			NPNY Mohonk Preserve	BCA3	Beaver Creek Array Site 3	BCAR	IL09	Eielson Array Site 9
SABA	Saba		MMNY Mt. Morris Dam	BC04	Beaver Creek Array Site 4		EAFB	Elmendorf Base
SEUS	St. Eustatius		POTS Potsdam Coll	BC05	Beaver Creek Array Site 5		ELV	Elvey
SMRT	St. Maarten		WCNY West Carthage	BLGA	Beluga		ENG	Engineer Hill
New Brunswick			Oklahoma	BEH	Bench		ERN	Ernestine
BATG	Bathurst New Brunswick		TUL1 Tulsa	CKT	Bend		FBK	Fairbanks
MINB	Miramichi			BBO	Besboro Island		FB-AK	Fairbanks
			U.S.A	BESE	Bessie Mountain		FB2AK	Fairbanks
Newfoundland			Alabama	BQ-AK	Bethel		FBAS	Fairbanks
CODG	Codroy Newfoundland		AX2AL Alexander City	BET	Bethel		FBA	Fairbanks
SJNN	Saint John's	AX2AL	AX2 Alexander City	BKJ	Big Koniuj Island		FBAL	Fairbanks--Long Period
			AX-AL Alexander City	BIG	Big Mountain		FALS	False Pass
North America			AX- Alexander City	BGM	Big Mountain		FSP	False Pass
MCIL	McClure	BO-AL	BO- Brewton	BIO	Biorka		WFAH	Faris Peak
OGNE	Ogallala	BO-AL	BRH	BRH	Birch Hill		FLP	Featherly Pass
OKCFA	Oklahoma City	BRAL	HGA	BLHA	Black Hill		FIS	Fire Island
VWCC	Virginia Western Community College		DLC	BLR	Black Rapids		FIB	Fire Island
			EMA	BKG	Blockade Glacier		FY3	Fort Yukon
			EU2	BMT	Blue Mountain		FY4	Fort Yukon
Northwest Territories			EU2AL Eutaw	BLM	Blue Mountain	BMT	FYU	Fort Yukon
AP3N	Apex site 3 Nunavut	EU2AL	EU-AL Eutaw	AK4	Bobrof		FY1	Fort Yukon
COKN	Cook Lake		EU- Eutaw	BRLK	Bradley Lake		FY2	Fort Yukon
GDLN	Gardenia Lake, NWT		FLT	BRNE	Bradley Lake NE		FY5	Fort Yukon
GIFN	Gifford Fjord, Baffin Island, Nunavut		HVA	BRNW	Bradley Lake NW		GCSA	Galena City School
			HLT	BRSE	Bradley Lake SE		GAMB	Gambell
ILON	Igloolik, Nunavut		BKA	BRSW	Bradley Lake SW		GIA	Geophysical Institute, University of Alaska
JERN	Jeri Cho Mine, NWT		LRAL Lakeview Retreat	BMRM	Bremner River		GLB	Gilahina Butte
LAIN	Lailor River, Nunavut		LCAL Lambert Chapel	BDP	Broad Pass		GIL	Gilmore Creek
ROMN	Roman Lake		LAL	BWN	Browne		GLM	Gilmore Dome
SNLN	Sandy Lake, NWT		LDG	BMAR	Burnt Mountain Array		GLN	Gilmore Dome
SRLN	Sarcpa Lake, Nunavut		LCA	BM01	Burnt Mountain Array Site 1		GLI	Glacier Island
WHFN	White Fish Lake		MSAL	BM02	Burnt Mountain Array Site 2		GLC	Glacier Island
			OCA	BM3	Burnt Mountain Array Site 3		GHO	Glory Hole Creek
Nova Scotia			PEA	BM04	Burnt Mountain Array Site 4		GKC	Gold King Creek
CHEG	Cheticamp, Nova Scotia		PTR	BM05	Burnt Mountain Array Site 5	BMAR	GSV	Goldstream Valley
MALG	Malagash, Nova Scotia		PWLA	CAHL	Cahill		GSVT	Goldstream Valley
SABG	Sable island		PLAL	CDL	Candle		GOU	Gould Hall
			RHA	CNA	Cantwell		GBY	Granite Bay
Nuevo Leon			Reichold	CDY	Cape Darby		GMA	Granite Mountain
LNIG	Linares		MLAL	CDD	Cape Douglas		GRLA	Graying
			SHA	CDA	Cape Douglas		AD1	Great Sitkin
			TDA	CPR	Cape Romanzof		GSCK	Great Sitkin Cape Kiugilik
Nunavut			TSAL	CSA	Cape Sarichef		GSMP	Great Sitkin Middle Yoke
ARVN	Arviat, NU		Alaska	CYK	Cape Yakataga		GSPP	Great Sitkin Saddle Point
YBKN	Baker Lake, Hudson Bay		AD8	CYT	Cape Yakataga		GSTR	Great Sitkin Teapot Rock
SEDN	First Sedna Site, Hudson Bay		ADK	CGLM	Capps Glacier		GSTD	Great Sitkin Triple Divide
			ADA	CHX	Chaix Hills		GUL	Gulkana
KUGN	Kugaaruk Camp, Nunavut		AD-IS	CKL	Chakachamna Lake		GYO	Guyot Hills
NUNN	Nunuq Camp, NU		AD- Adak Island	CKN	Chakachamna North		HARP	HAARP
JOSN	Second Sedna Site, Hudson Bay	AD-IS	AGAM	CKK	Chekok		HAG	Hague Volcano
			AKUT	CNBA	Chernabura Island		HMT	Hamilton
Oaxaca			AKA	CHGN	Chignik		HDA	Harding Lake
UTMO	Huajuaplan	AKA	AKA1	CSG	Childs Glacier		HQN	Harlequin Lake
			AKA2	CNPM	China Poot		HPP	Hepp
Oklahoma			AKA4	CHIA	Chirikof Island		AD4	Hidden Bay
OKCSW	OKLAHOMA CITY ARRAY		AKA5	CTGM	Chitina Glacier		HIN	Hinchinbrook Island
	SWEETHEART OKLAHOMA USA		AKGG				HOM	Homer
			AHB				HUR	Hurricane
			AKLV				GSIG	Igitkin Island
			ALC				ILM	Iliamna
Ontario			ACK					
SSNO	Creighton Mine, Sudbury		ALAR					
DSNO	Creighton Mine, Sudbury							
HSNO	Haileybury School of							

Code	Station Name	Other	PLRM	Palmer USGS	PMR	VZS	Valdez South	SF-	Snowflake	SF-AZ
ILIM	Iliamna		PWA	Palmer West		VZW	Valdez West	SF-AZ	Snowflake	SF-AZ
ILS	Iliamna Low South		PN6	Pavlof North-6		VOGL	Vogel Lake	115A	Sonoran Desert, Stanfield	
INE	Iliamna NE		PN7A	Pavlof North-7A		WAX	Waxell Ridge	SV-	Springerville	SV-AZ
INW	Iliamna NW		PS1A	Pavlof South-1A		WESE	West Dahl East	SV-AZ	Springville	
IVS	Iliamna South		PS4	Pavlof South-4		WESN	West Dahl North	X19A	St. Johns	
IVE	Iliamna Volcano East		PS4A	Pavlof South-4A		WESS	West Dahl South	SN-AZ	Sunflower	
ILW	Iliamna West		PVV	Pavlof Volcano		AK1	West Kanaga	SN-	Sunflower	SN-AZ
IMA	Indian Mountain		PAX	Paxson		AT1	West Kanaga	SCN	Sunset Crater	
IM2	Indian Mountain		PDB	Pedro Bay		WRG	White River Glacier	AK1	Three Points, Tucson	
IMAR	Indian Mountain Array		PJD	Pedro Dome		WLM	Willow Mountain	216A	T-Link Ranch, Clifton	
	Beam Reference Point		PNL	Peninsula		WRH	Wood River Hill	219A	Tonalea, Kykotsmovi	
IM01	Indian Mountain Array Site 1		PRYA	Perryville		WACK	Wrangell Chichokna Glacier	171A	Tonto Forest Array	
IM02	Indian Mountain Array Site 2		PBG1	Petersburg				TFO	Tonto Hills Observatory	
IM3	Indian Mountain Array Site 3		PBG	Petersburg		WRAK	Wrangell Island	THO	Tonto Forest Array	
IM04	Indian Mountain Array Site 4		PSA	Petersburg		WANC	Wrangell North Crater	TSL	Tsaile	
IM05	Indian Mountain Array Site 5		PPSA	Petersburg Public Schools		YAH	Yahrtse	U16A	Tuba City	
IVF	Ivanof Bay		PCA	Pinnacle	PCA	AD5	Yakak	TUC	Tucson	
JPK	Jack Peak		PINM	Pinnacle		YKGM	Yakataga	TDM	Tucson Desert	
JIS	Juneau Island		PNN	Pinnacle Mountain		YKT	Yakutat	TUO	Tucson Observatory	
AD3	Kagalaska		WPOG	Pogromni		YKU2	Yakutat	TUT	Tucson-Telemeter	
ETKA	Kagalaska Island		PTB	Point Barrow		YKU	Yakutat	UOA	University of Arizona	
KICM	Kanaga Island Cape Miga		PRP	Porcupine Dome		YCB	Yellow Creek Bluff	219A	White Tail Canyon, San Simon	
KIKV	Kanaga Island Kanaga Volcano		PTE	Portage		AL35		Y14A	Wickenburg	
KIMD	Kanaga Island MID Benchmark		FID	Port Fidalgo		BC3*		WM-AZ	Williams	
KINC	Kanaga Island North Cape		PHA	Port Heiden		IL01		W15A	Williams	
KIRH	Kanaga Island Round Head		PMA	Port Moller		IL31		WMZ	Williams	
KIWB	Kanaga Island Westway		PWL	Port Wells		AL34		WM-	Williams	WM-AZ
	Bight		KPE	Price		IM03		IM3	Window Rock	
KTH	Kantishna Hills		PUB	Puale Bay		BM03		BM3	Winslow	
KTM	Katmai		PPLA	Purkeypile		BC03		BCA3	Winslow	WO-AZ
KAWH	Katmai Barrier Ridge		RC01	Rabbit Creek Array Site 1				WO-AZ	Winslow	WO-AZ
KABR	Katmai Hardscrabble Creek		RGD	Ragged Mountain		GVA	Apache Junction	Z14A	Wintersburg	
KAHC	Katmai Hook Glacier		RAGM	Ragged Mountain		ASU	Arizona State University	WUJAZ	Wupatki	
KAIC	Katmai Ikagluik Creek		RAI	Raspberry Island		119A	Ashpeak Ranch, Duncan	X14A	Yava	
KAPH	Katmai Pasha		RAT	Rat Island		318A	Bisbee	X13A	Yucca	
KARR	Katmai Rainbow River		RDT	Redoubt		114A	Black Gap (USAF), Gila Bend	112A	Yuma	
KYK	Kayak Island		REF	Redoubt East Flank				YMD	Yuma Desert	
KAIM	Kayak Island		RDN	Redoubt North		BPK	Black Peak	Z13A	Yuma Proving Grounds (US Army), Dateland	
KJL	Kejulik		RSO	Redoubt South		BRDG	Blue Ridge			
KEN	Kenai		RS1	Redoubt South 1		V14A	Boquillas Ranch, Navajo N., Peach Springs		Arkansas	
KCN	Ketchikan		RS2	Redoubt South 2		BDA	Boulder Dam	AFAR	Ash Flat	
KMP	Kimball Pass		RED	Redoubt Volcano		Y18A	Canyon Day Junior High, Whiteriver	BK-AR	Bald Knob	
KLU	Klutina		RDW	Redoubt West				BK-	Bald Knob	
KNIM	Knight Island		RND	Reindeer		Y15A	Casa Rosa Ranch, Morristown	CW-AR	Conway	BK-AR
KNK	Kniik Glacier		RON	Remote		Y16A	Circle Bar Ranch, Sunflower	CW-AR	Conway	
KD2	Kodiak		REM	Remote				CRID	Crittenden	
KD1	Kodiak		RIU	Riou		U19A	Dine' College, Tsaile	CRIS	County-Downhole	
KD3	Kodiak		SDEM	Sadie Cove		319A	Douglas	DLAR	County-Surface	
KDC	Kodiak Island		SPP	Saint Paul		218A	Dragoon	FAV	Fayetteville	
KDAK	Kodiak Island		SP-IS	Saint Paul		EKU	East Kanab	FAY	Fayetteville	
KGR	Kogok River		SPIA	Saint Paul Island		116A	Eloy	HBAR	Harrisburg	
KTA	Koizebue		SPI	Saint Paul Islands		116A	Flagstaff	HCI	Hatchie Coon Island	
CHUM	Lake Minchumina		SNKA	Sanak Island		W16A	Flagstaff	HOGG	Hoggard's Bluff	
LTI	Latouche		SBY	Sand Bay		W16A	Flagstaff	IK-	Ink	IK-AR
LVA	Lava Point		SGB	San Diego Bay		FS-AZ	Flagstaff	IK-AR	Ink	
LVY	Levy		SASA	Sand Point		FLG	Flagstaff	JHP	Judd Hill Plantation	
LSI	Little Sitkin Island		SDN	Sand Point		FS-AZ	Flagstaff	LGAR	La Grange	
LOU	Louis Bay		SDPT	Sand Point		FTM	Fortuna Mine	LVAR	Leachville	
MRS	Maars		SPBA	Sand Point BB		V18A	Ganado	LRA	Little Rock	
OKFG	Magazine Ridge		SML	Sawmill		Z18A	Geronimo	LRDO	Lorado	
MGLS	Mageik LS		SCT	Scotty Lake		Z15A	Gila River Indian Community, Laveen	MSAR	Manila South	
MCIR	Makushin Cirque		SLV	Seldovia		GCA	Glen Canyon	MK-	Marked Tree	MK-AR
MGOD	Makushin Gods Own Repeater Site		SSI	Semisopochnoi Island		T16A	Glen Canyon Dam (NPS), Page	MK-AR	Marked Tree	
MSOM	Makushin Julie Andrews		SEW	Seward		GE-	Globe	MY-	McCrory	MY-AR
MNAT	Makushin Nateekin		SCF	Sheep Creek Facility		GE-AZ	Globe	MY-AR	McCrory	
MSW	Makushin Switchbacks		SCM	Sheep Creek Mountain		GCAZ	Grand Canyon	MP-	Mountain Pine	MP-AR
MTBL	Makushin Table Top		SMY	Shemya		V13A	Grand Canyon West Ranch, Meadview	MP-AR	Mountain Pine	
MLA	Malaspina Glacier	MLA	SO-IS	Shemya		217A	Green Valley	MIAR	Mount Ida	
MLP	Malaspina Glacier		SHY	Shemya		HR-	Heber	MZ-	Mount Ida	MZ-AR
MLY	Manley		SGAM	Sherman Glacier		HR-AZ	Heber	MZ-AR	Mount Ida	
MCK	McKinley		SSLN	Shishaldin North		118A	Homack Ranch, Wilcox	PGA	Paragould	
MCNL	McNeil River		SSLS	Shishaldin South		W13A	Hualapai Mountain Park, Kingman	PV-AR	Perryville	
MCL	McNeil River		SSLW	Shishaldin West				PV-	Perryville	PV-AR
MENT	Mentasta		SHU	Shuyak Island		X15A	Humboldt	POW	Powhatan	
MCR	Mercer		SHY	Shuyak Island		JR-AZ	Jerome	QUAR	Qualls	
MMC	Middle Cape		SI	Sitka		V15A	Kaibab National Forest USFS, William	SEAR	Searcy	
MID	Middleton Island		SKD	Sitkalidak Island		KG-	Kingman	STAR	Star City	
MIK	Minitrack		SIL	Sitkinak Island		KG-AS	Kingman	TWAR	Twist	
MFA	Mitchell Field		SKAG	Skagway		KG-AZ	Kingman	UALR	University of Arkansas, Little Rock	
MTU	Montague Island		SKGA	Skagway School		KG-AS	Kingman	WGAR	Walnut Grove	
MTG	Montague Island		SKL	Skilak		KG-AZ	Kingman	WR-AR	Walnut Ridge	
MSE	Moose Creek		SKLM	Skilak Lake		KH-AZ	Kohls Ranch	WR-	Walnut Ridge	WR-AR
MCB	Moose Creek Bluff		SKT	Skwentna		KH-	Kohls Ranch	WLA	Wittsburg Lake	
MPA	Moose Pass		SDG	Sourdough		LGA	Laguna Mountains	WY-	Wynne	WY-AR
ADAG	Mount Adagdak		AD6	South Kanaga		X16A	Lo Mia Camp, Pine	WY-AR	Wynne	
SPU	Mount Spurr		AK2	South Tanaga	AK2	LG-	Long Valley	California		
MDM	Murphy Dome		AT2	South Tanaga		LG-AZ	Long Valley	TN-	29 Palms	TN-CL
NAGA	Nagai Island		SWW2	Sparrevohn		113A	Mohawk Valley, Roll	O03C	Acorn Hollow, Los	
NGI	Nagai Island		SWV	Sparrevohn		U14A	Mt Trumbull		Molinos	
NCA	Nelchina		SPL	Spiridon Lake		MMA	Mummy Mountain	PADM	Adeladia	
NEA	Nenana		SOF	Squaw Harbor		T17A	Navajo Res., Navajo	ADL	Adelanto	
NKA	Nikishka		SGA	Stephens Glacier				ADO	Adelanto Rec Sta	
NHSA	Nikolaevsk School		STY	Stony River		NL2AZ	Nazlini	GACM	Adobe Creek	
NIKO	Nikolski		STLK	Strandline Lake		NL2	Nazlini	AVC	Adobe Valley	
NIK	Nikolski		SUK	Suckling Hill		NL-	Nazlini	AGAC	Agave Hill	
NKI	Nikolski		SSH	Sunshine		NL-AZ	Nazlini	AGOC	Agoura	
NNL	Ninilchik		SNH	Sunshine Point		U15A	North Rim	AARM	Airport Road	
NIN	Ninilchik One		SBEA	Susan B. English School		Y19A	Nutrioso	PAPM	Alder Peak	
ANM	Nome		SST	Susitna		117A	Oracle	GAS	Alder Springs	
NOM	Nome		SUA	Susitna One		214A	Organ Pipe National Monument, Ajo	GASB	Alder Springs Broadband	
NCG	North Capps Glacier		TLK	Talkeetna Mountains				GAXM	Alexander Valley	
NCT	North Crescent		TGL	Tana Glacier		PGAZ	Page	AMC	Almaden	
NGL	North Gasline		TNN	Tanana		U13A	Pakoon Wash	JALM	Almaden	AMC
AD7	North Kanaga		TTL	Tatalina		S15A	Panguitch	WASM	Alta Sierra Campground	
NRA	North River		TT01	Tatalina		PY-	Payson	ALV	Alvord Mountain	
AK5	North Tanaga		TTA	Tatalina		PY-AZ	Payson	AMR	Amargosa	
AT3	North Tanaga	AK3	TZL	Tazlina		Z16A	Peralta Trail, Apache Junction	AMS	Amos	
AK0	North Tanaga		TTV	Teren Tiev Lake		W18A	Petrified Forest	AIC	Anacapa Island	
AK3	North Tanaga		TRF	Thorofare Mountain		PFA	Pierce Ferry	BAPM	Anderson Peak	
NTK	Nunatak		TCY	Tin City		QC-	Queen Creek	CADM	Anderson Res.	ADR
OPT	Oil Point		TNA	Tin City		Y17A	Roosevelt	ADR	Anderson Reservoir	
OKCD	Okmok Cone D		TMW	Tok Microwave		U18A	Rough Rock, Chinle	LT13	Angel Island	AGC
OKCE	Okmok Cone E		TOA	Tolsona		SGI03	Saint George	CAIM	Angel Island	AGC
PMR	Palmer		TLK	Talkeetna Mountains				AGC	Angel Island	
PME	Palmer East		TGL	Tana Glacier		Y13A	Salome	ALPC	Antelope	
PHSA	Palmer High School		TNN	Tanana		Z17A	San Carlos High School, San Carlos	PAGM	Antelope Grade	
PMS	Palmer South		TNL	Tanana		W19A	Sanders	LAMM	Antelope Mountain	
			UNL	Unalakleet		SLU	San Luis	BAVM	Antelope Valley	
			UNA	Unalaska		W14A	Seligman	PARM	Anticline Ridge	
			UNV	Unalaska Valley		SG-AZ	Seligman	CACM	Antioch	
			VLD	Valdez		SG-	Seligman	ANZ*	Anzar Reservoir 9	
			VLZ	Valdez		U17A	Shonto	ANZ	Anzar Road	ANZ
						X18A	Snowflake	HAZM	Anzar Road	
								GARM	Arbuckle	
								ARC	Arcata	

Code	Station Name	Other	CLS	Calistoga	LCFM	Crescent Cliff	GWY	Greenwater Valley
LASM	Arnica Sink		M02C	Callahan	CSL	Crestline	GWV	Greenwater Valley
CAOM	Arnold Ranch	ARN	CPFC	Cal Poly Pomona	HCPM	Crevision Peak	LGRM	Grenada
ARN	Arnold Ranch		BAKC	Calstate	CRGC	Crocker Grade	GOC	Griffith Observatory
AASM	Arroyo Seco		CSHM	Cal. St., Hayward	CNKM	Crow Canyon Rd	GFP	Griffith Park
ARVC	Arvin		CBCC	Caltech Broad	CYC	Crow Canyon Road	LGHM	Grouse Hill
ADC	Auburn Dam		CACC	Caltech Cellar	CLKR	Crowley Lake	KGMM	Grouse Mountain
BACC	Bachelor Mtn.		CAMC	Camarrillo Hills	PCRM	Curry Mountain	GGUM	Gualala
BKRC	Baker		JBLM	Camp Ben Lomond	DLT	Dalton	AHDM	Hacienda Drive
BF	Bakersfield	BF-CL	CPE	Camp Elliot	CDAL	Dalton Road	HAI	Haiwee
BF-CL	Bakersfield		109C	Camp Elliot, Miramar	DAC	Darwin (Calif)	HWSM	Haiwee Spring South
BALC	Balcom Canyon		CP-CL	Campo	DV-CL	Death Valley	WHSM	Haiwee Spring S
CBLG	Bald Mountain Lookout		CP-	Campo	DV-	Death Valley	GHOM	Hamilton Opening
GBMM	Baldy Mountain		CPT	Camp Pendleton	DSP	Deep Springs	HMR	Hamilton Ranch
BREC	Barre Substation		KSXM	Camp Six	CL1	Del Valle	WHFM	Hanning Flat
BAR	Barrett		KSXB	Camp Six Broadband	CDVM	Del Valle	PHAM	Harlan Ranch
KBRM	Barry Ridge		HCAM	Canada Road	DHS	Desert Hot Springs	AHRM	Harold F. Ross
PBRM	Bassetti Ranch		CDC	Canada Road	DTP	Desert Tortoise Park	HRC	Harris Ranch
LBMM	Bass Mountain		AN7*	Canada Road	DVTC	Desert V Tower	BHSM	Hastings State Park
BATC	Bat Cave Butte		CBKC	Canebrake	DVL	Devil Canyon	LHCM	Hat Creek
BBEB	Bay Bridge East		NCFM	Canfield Road	DKNM	Devils Kitchen North	HATC	Hat Creek Radio
E17B	Bay Bridge East Pier 17		KCTM	Capetown	DIR	Diamond Ranch		Observatory, Hat Creek
E07B	Bay Bridge East Pier 7		CAPCA	Capra Ranch	LDBM	Digger Butte	WHVM	Havilah
W02B	Bay Bridge West Pier 2		CVS	Carment Vineyard	HDLM	Dillon Ranch	HAV	Havilah
W05B	Bay Bridge West Pier 5		CROB	Carquinez Bridge	DIL	Dillon Ranch	HAY	Hayfield
KBBM	Bear Butte		CARC	Carrizo Plain	AN5*	Dillon Ranch	KHBM	Hayfork Bally
BCCC	Bear Creek CC		CRR	Carrizo Plain	PDRM	Domengine Ranch	HYS	Haystack Butte
LT15	Bear Creek Road	LT15	CRH	Carson Hill	DGR	Domenigoni Valley Reservoir	NHBM	Healdsburg
JBCM	Bear Creek Road		MCHM	Carson Hill	CDSM	Don Santos Ranch	PHCM	Hearst Castle
BGH	Bear Gulch	BGH	DBOG	Casa Diablo	DOO	Doolan Road	HERB	Hercules
JBGM	Bear Gulch		MCSM	Casa Diablo Hot Springs	CDOM	Doolan Road	LHEM	Herd Peak
BMTC	Bear Mountain		CASR	Casa Diablo Mountain	P01C	Double 8 Ranch, Willits	U04C	Hernandez Reservoir, Idria
BVL	Bear Valley	BVL	CJV	Casa Juvan	DB2	Double Butte	PHRM	Hernandez Valley
BVLM	Bear Valley		BCD	Casitas Dam	DBM	Double Mountain	HVC	Hernandez Valley
BVC	Bear Valley Observatory	NOLM	BCL	Casitas Lake	DHB	Downhole Baldwin Hills	HDG	Hidalgo Mountain
BBSC	Beaumont Base		LCAM	Castella	GDCM	Dry Creek	LHHM	Hightower Crater
BEKR	Beckwourth		CTM	Castle Mountain	ADWM	Drytown Water District	GHLM	Highland Springs
NBRM	Beebe Ranch	BBR	PCAM	Castle Mt.	DUC	Duarte Ranch	GHVM	High Valley
BBR	Beebe Ranch		CRC	Castle Rock	DTM	Dunmowintown East	HTCR	Hilton Creek
LBPM	Beegum Peak		GCRM	Castle Rock Springs	NDHM	Dunnigan Hills	LHMM	Hirz Mountain
BELC	Belle Mtn.		CIAC	Catalina I. Airport	CDUM	Durate Ranch	LHOM	Hoadley Peaks
KBSM	Bell Springs		CIU	Catalina Island	EADB	Eade Ranch	HBT	Hobart Mills
BNLO	Ben Lomond (Santa Cruz Mountains)		CIS	Catalina Island	T05C	Eagle Field, Dos Palos	HBM	Hobart Mills
BENR	Benton		NCDM	Cavedale Road	ELFS	Eagle Lake Field	HOD	Hodge
BKS	Berkeley--Byerly		CRD	Cavedale Road	EAG	Eagle Mountain	BHRM	Hodges Ranch
BRK	Berkeley--Haviland		CAVC	Cave Mountain	MEMM	East Mammoth Hills	GHGM	Hogback Ridge
NBPM	Berryessa Peak		CSP	Cedar Springs	EMSC	East Mesa	PHGM	Hog Canyon
BRTC	Bertell Ranch		CFD	Cedar Springs	EWC	East Wide Canyon	JHLM	Holstrom Ranch
BVH	Beverly Hills		CFSC	Central Fire St	ECF	Echo Falls	HCC	Holy Cross
N02C	Big Bar		MCEM	Central Site	OO1C	Eel River	OCHM	Honcut
BBC	Big Bear		PCGM	Cerro Alto Campground	ECA	El Cajon	HOPS	Hopland
BBRC	Big Bear Sol-Obs		CGO	Cerro Gordo	ECC	El Centro	KHMM	Horse Mountain
BC2	Big Chuckwalla Mountains 2		KCRM	Chalk Rock	JEGM	El Granada	HOT	Hot Springs Mountain
BC3	Big Chuckw Mtn		HCBM	Chamberlain	EKH	Elkhorn Ranch	GHCM	House Creek
GBDM	Big Darby		CBC	Chamberlain	BEHM	Elkhorn Ranch	JHPM	Huddart Park
LBGM	Big Gulch		GGBM	Chamberlain Ridge	HERM	Elkhorn Road	GHMM	Hull Mountain
R04C	Big Horse Ranch, Ione		CSR	Chase Ranch	EKR	Elk River	V03C	Hunter Liggett MR Jolon
BMM	Big Maria Mountains		HCRM	Chase Ranch	JELM	Ellicott	PHBM	Huron Fishing Bridge
BBGM	Big Mountain		AN6*	Chase Ranch	ELMC	El Mirage	IND	Independence
BCKR	Birch Creek		CMH	Chemehuevi Mountains	ELRC	Elmore Ranch	PIVM	Indian Valley
WBSM	Bird Springs		JCBM	Chesbro Res.	ESGS	El Segundo	INDC	Indio Hills
BP	Bishop	BP-CL	CB1	Chesbro Res. 1	ELS	Elsinore Mountain	S04C	Ingram Canyon, Westley
BHPR	Bishop		CB3	Chesbro Res. 3	TEJ	El Tejon	ING	Ingram Ranch
BP-CL	Bishop		CB4	Chesbro Res. 4	EMB	Emerald Bay	IKP	Inkopah
BCW	Bitter Crk WRge		CB5	Chesbro Res. 5	EMT	Emmet	INS	Inspiration
BTW	Bitterwater Creek	BTW	CB8	Chesbro Res. 8	BEEM	Emmet	IRS	Iris
BLCC	Black Canyon		O04C	Chester	FLSC	Flash Two Peak	IRC	Iron Canyon
BCHM	Black Canyon North		BCWM	Chews Ridge	LT11	Flint Hills	IRN	Iron Mountains
BDM	Black Diamond Mine		CCO	Chico	ERPC	Empire Grade Rd	KIPM	Iron Peak
LBFM	Black Fox Mountain		CFL	Chilao Flats	EGR	Empire Grade Road	ISA	Isabella
BMRFR	Black Mountain		CHFC	Chilao Flat Sta	JECM	Eureka Canyon	JCC	Jacoby Creek
BLKC	Black Mountain		WCHM	Chimney Peak	LT12	Eureka Canyon	JAS	Jamestown
JBMM	Black Mountain		WCGM	China Gardens	EUC	Eureka Canyon	JAS1	Jamestown
GBOM	Black Oak		CGSM	China Gardens South	EXSG	Experiment Station	JRSC	Jasper Ridge
BLAC	Blackrock camp		CLC	China Lake	FAL	Falling Springs	JCNB	Joaquin Canyon North
MBFM	Blanchard Fire Station		GPO	China Lake	NFIM	Farallon Islands	JCSB	Joaquin Canyon South
OBHM	Bloomer Hill		WCXM	China Lake Receiver Site	FARB	Farallon Islands	JJRM	Joaquin Canyon
KBNM	Bluenose Ridge		CHNC	Chino	FRGC	Farallo Canyon	KJJM	Johnny Jack Ridge
BLU	Blue Ridge		CH2	Chocolate Mountain	KFPM	Farley Peak	HJSM	John Smith Road
Y12C	Blythe		COT	Chocolate Mountains	FEA	Feather Falls	AN15*	Johnson Can.
BLYC	Blythe		CCRB	Cholame Creek	FER	Ferndale	BJCM	Johnson Can.
ABJM	Bob Jauregui Ranch		CVC	Cholame Valley	FHC	Fickle Hill	JHC	Johnson Canyon
BODR	Bodie		CCCA	Chr Cany lake	AFRM	Fiddymont Ranch	WJPM	Johns Peak
GBGM	Boggs Mountain		XMS	Christmas Canyon	FIL	Fillmore	PJLM	Jolan Road
LT16	Bolinger Road	BGC	CHP	Chuchupate	FRM	Flint Hills	PJRM	Jolan Road
CBRM	Bolinger Road	BGC	CCX	Cicese	FLSC	Flash Two Peak	JFS	Joseph F. Staten
BGC	Bolinger Road		AN14*	Cienega Rd	HFHM	Flint Hills	JRWJ	Joshua Ridge West
LBKM	Bonanza King		BCGM	Cienega Road	AFDM	Forest Hills Divide	JTR	Joshua Tree Park
BON	Bonds Corner		GCVM	Cloverdale	AFHM	Forest Hill Site	JULC	Julian
BRGC	Borrego Mountain		COA	Coachella	AN2*	Forsythe	JNH	Juniper Hills
BORC	Borrego Springs		GCMM	Cobb Mountain	FMA	Fort MacArthur	KCC	Kaiser Creek
V05C	Boulder Hill		CCOM	Coe Ranch	FMP	Fort MacArthur Park	KPK	Kanaka Peak
BCH	Branch Mountain		COE	Coe Ranch	FTR	Fort Ross	KEE	Keen Camp Maintenance Station
WBMM	Breckenridge Mountain		OCHM	Cohasset Ridge	FTC	Fort Tejon	KFC	Kentfield
BRIE	Briones		LCMM	Colby Mountain	FOXC	Fox Airport	WKTM	Kern-Tulare
SBRN	Brisbane		GCMS	Cold Spring Mountain	FOX	Fox Creek	KKPM	Kettenpom Peak
BSCP	Brocks Farm		KCSM	Cold Springs	FRP	Fremont Peak	PKEM	Kettleman Hills
CBWM	Brookwood Res.	BKC	R06C	Coleville	FRE	Fresno	KYP	Key Point
BKC	Brookwood Reservoir		LCSM	College of the Siskiyous	FRI	Friant	HKRM	Kincaid Ranch
ABRM	Brophy Road		SCCM	Colson Canyon	FRK	Frink	KRC	King Ranch
BTCC	Brunts Corner		BCC	Colson Canyon	FROB	Freolich Ranch	R05C	Kirkwood Meadows
PBYM	Bryson		CMB	Columbia College	FLAS	Fullerton Airport		Resort, Kirkwood
CBZL	Buffer Zone		COOC	Compton	FMT	Funeral Mountains	KNO	Knox Ranch
BTPC	Burnt Peak		CNC	Concord--Diablo Valley College	GALC	Galileo	KBY	Kobayashi Ranch
BTL	Butler Peak		CKC	Cook Canyon	LGMM	Garner Mountain	KM-CL	Kramer
LBCM	Butte Creek Rim		WCOC	Cook Peak	GVRM	Garvey Reservoir	KM-	Kramer
JBZM	Buzzard Lagoon Road		COK	Cook Ranch	CGPM	Gavin Park	KBF	Kyburz Flat
BZNA	Buzz No.'s Place		CFM	Copper Mountain	GGPM	Geyser Peak	LPC	La Cumbre Peak
CBSM	Byron Hot Springs		MCUM	Copperopolis	GDXM	Geysters	BLG	Laguna Peak
WCFM	Cactus Flat W	CFWM	HCZM	Cordoza Dairy	GHS	Gilroy Hot Springs	LT5	La Honda
CFWM	Cactus Flat West		HCOM	Corn Cob Canyon	HGSM	Gilroy Springs	LJC	La Jolla
WCPM	Cactus Peak W	CPTM	COQ	Corona Quarry	HGWM	Gilroy West	CLCM	Lake Chabot
CPTM	Cactus Peak West		CSSTL	Corral Hollow	GLA	Glamis	LKC	Lake Chabot
CAD	Cady Mountains		CBHM	Coso Basin North	GAV	Glen Avon	CLCB	Lake Chabot
JCHM	Cañill Ridge		WCSM	Coso Springs North	GLML	Glenview	NLHM	Lake Herman
KCPM	Cahto Peak		CSSM	Coso Springs South	PK1	Gold Hill	LHU	Lake Hughes
CAHC	Cahuilla Valley		CWC	Cottonwood Creek	PGHM	Gold Hill	LGC	Lakewood Golf Course
CALB	Calabasas		CTW	Cottonwood Mountains	GHC	Gold Hill	LANC	Lancaster
CALM	Calaveras Res.	CVR	GCWM	Cow Mountain	GHIB	Gold Hill	LAC	Landers
CVR	Calaveras Reservoir		CO2	Coxcomb Mountains 2	AGIM	Gold Rush Inn	LDFC	Landfair
CLTC	Calectric		CCYM	Coyote Hills	GSC	Goldstone	LAQC	La Quinta
CB2	Calero Reservoir		LT8	Coyote Hills	PGWM	Grace West	LCH	Last Change Range
CCAC	Calif City Airtpt		CYH	Coyote Hills	GCC	Granite Creek	ALAM	Latrobe
CALC	California City		COY	Coyote Mountain	GRP	Granite Pass	LRCG	Laurel Creek
CSH	California State, Hayward		JCPM	Coyote Point	LGPM	Granite Peak	LRMC	Laurel Mountain
CLIC	Calipatria		CFT	Crafton Hills	GVN	Grapevine	LAVA	Lava Cap Winery,
			M01C	Crescent City	LGBM	Gray Butte	LAVC	Placerville
					GVR	Green Valley Road		Lavic

Code	Station Name	Other	BFSC	Mount Baldy Sta	POTR	Potrero Hills	SYS	San Ysidro
LED	Lead Mountain		MDA	Mount Davis	CB7	Poverty Ridge	SGC	Saratoga Golf Course
R07C	Lee Vining		MDC	Mount Diablo	JPRM	Presidio of San Francisco	SWM	Sawmill Road
WLP	Leibel Peak		MHC	Mount Hamilton	PRI	Priest	JSMM	Sawmill Road
LEOC	Leona Valley		MHR	Mount Hamilton Road	PYR	Pyramid	SNR	Schaffner Ranch
BLRM	Lewis Ranch		LHKM	Mount Harkness	QAL	Quail Lake	PSRM	Scobie Ranch
JLXM	Lexington Res.	LXR	BMHM	Mount Harlan	QSM	Queen of Sheba Mine	STTC	Scott Ranch
LXR	Lexington Reservoir		BJOM	Mount Johnson	AN13*	Quien Sabe	SNT	Sears Point
M06C	Likely Place Golf, Likely		GMKM	Mount Konoctai	HQRH	Quien Sabe	PSEM	See Canyon
ALNM	Lincoln		LAS	Mount Lassen	QSR	Quien Sabe Ranch	GSGM	Seigler Mountain
Q04C	Lincoln		CMLM	Mount Lewis	O05C	Quincy	SVD	Seven Oaks Dam
LOC	Lincoln School		CMMM	Mount Mocho	KRFM	Rackout Springs	PSHM	Shandon
LITR	Litchfield		OLYC	Mount Olympus	MRFM	Railroad Flat South	SHS	Shasta Dam
LCCB	Little Cholame Creek		CO5M	Mount Oso	RAMR	Ramage Ranch	HSPM	Sheep
LTC	Little Chuckwalla Mountains		KMPM	Mount Pierce	V04C	Ramage Ranch, Paso Robles	SHH	Sheep Hole Mountains
WLHM	Little Horse		SHC	Mount Saint Helena	LCL	Rancho Los Cerritos	SWNG	Sheriff Wilson
LTM	Little Maria Mountains		NMHM	Mount Saint Helena	GRNM	Rancho Navarro	KSPM	Sherwood Peak
LMHM	Little Mount Hoffman		SGL	Mount Signal	RPV	Rancho Palos Verdes	SPM	Ship Mountains
BRVM	Little Rabbit V.	LRV	NTPM	Mount Tamalpais	ORAM	Rattlesnake Point	B5GM	Shirttail Gulch
LRV	Little Rabbit Valley		JUMM	Mount Umunhum	RAY	Raywood Flat	SHG	Shirttail Gulch
LRRC	Littlerock Reservoir		MWC	Mount Wilson	RMNB	Reason Mountain	WSCM	Short Canyon
LLA	Llanada		NHMM	Mt Hamilton Road	MHR	Reche Mountain	SDW	Sidewinder Mine
LLAC	Llano		CMHM	Mt Hamilton Road	MHR	Reche Mountain	BSLM	Silva Ranch
LOK	Lockwood Valley		CB10	Mt Hamilton Road	MHR	Recreation Park	SVC	Silver Creek
JLPM	Loma Prieta		GNAM	Navarro Ridge	O02C	Red Bluff	CSCM	Silver Creek
LOMS	Lomita		ND-CL	Needles	LRDM	Redding Peak	SIL	Silver Peak
BLP	Lompoc		ND	Needles	KRMB	Red Mountain	SI2	Simi Peak
PLOM	Lone Oak Road	LRC	NEE	Needles	KRMM	Red Mountain	GSSM	Skaggs Springs
LRC	Lone Oak Road		JNAM	New Almaden Mine	MRCM	Red Rock Canyon	SKG	Skaggs Springs
LN9	Lone Pine		MNHM	New Hogan Reservoir	JRRM	Redwood Retreat	ASMM	Slate Mountain
HLTM	Lone Tree Road	LTR	NW2	New River	WRCM	Renegade Can. W	KSM	Slide Mountain
LTR	Lone Tree Road		CNIC	Niles Canyon	RCWM	Renegade Canyon West	ASRM	Slough House Road
M05C	Lookout		WNMM	Nine Mile Canyon	RY5	Reyes Peak	PSMM	Smith Mountain
LMCR	Lookout Mountain		NMC	Nine Mile Canyon	ARWM	Richard P. Wilkes	SRTC	Snort
LMS	Lookout Mountain		NOP	Nopah Range	RFSB	Richmond Field	GSNM	Snow Mountain
LMO	Lookout Mountain		CNMC	Norris Canyon Road	RSRB	Richmond-San Rafael Bridge	GSM	Socrates Mine
LNAS	Los Alamitos		NOCG	North-of-Casa	ARRM	Rickey Ranch	SOS	Soda Springs
LCM	Los Angeles Museum of Natural History		WOFM	Oak Flat	RMR	Rimrock	SLBC	Solana Beach
JLTM	Los Trancos	LTW	OB	Obsidian Butte	RVM	Rio Vista Mine	B5MM	Soledad Mission
JTRM	Los Trancos Road		MOYM	O'Byrne Ferry	RVR	Riverside	BOOC	South Base Booster
LTW	Los Trancos Woods		OBS	Ocean Bottom	RVS	Riverside Mountains	SGV	South Grapevine
LJB	Lovejoy Buttes		HORM	O'Connell Ranch	PRCM	Roach Canyon	LSLM	South Lassen
LOY	Loyalton		OCR	O'Connell Ranch	ARJM	Robert W. Jensen	WSHM	Spangler Hills
M04C	Macdoel		OHLN	Ohlone	JRGM	Rodeo Gulch Road	TIT	Squaw Tit
MGL	Magalia		OMM	Old Mammoth Mine	KRPM	Rodgers	LT4	Stanford
MLAC	Mammoth Lakes Airport		NOLM	Olema	ROD	Rodman Mountain	JF5M	Stanford
MMPM	Mammoth Pass		AOHM	Oregon House	BRMM	Rolling Bench Mark	STAN	Stanford Telescope
LMEM	Manzanita Entrance		ORCC	Orcopia Mountain	RSE	Rose Pump	SFT	Stent
MLC	Manzanita Lake		KOMM	Orleans Mountain	RVCM	Rose Valley Central	MSTM	Steppladder Mountains
LMZM	Manzanita Lake		ORV	Oroville	WRVM	Rose V. Central	STP	Stevens Creek
MCA	Marble Canyon		OSI	Osito Adit	RDM	Round Mountain	SEC	Stevens Creek
MCCM	Marconi Conference Center, Marshall		AODM	Outingdale	GROM	Round Mountain	JSCM	Stevens Creek
MARC	Maricopa		ORC	Owens River	RMT	Round Mountain	LT1	Stimpson Lane
MHDL	Marin Headlands		OXMT	Ox Mountain	GRTM	Round Top Mountain	OSTM	St Joseph
MAC	Mark West Springs	MAC	AN4*	Pacheco Lake	CRPM	Russellman Park	LT2	St Joseph
NMWM	Mark W Springs		PCL	Pacheco Lake	RUN	Ruthven	JSJM	St Joseph
MIRC	Martinez Indian Reservation		HPLM	Pacheco Lake	SBB	Saddle Back Butte	PSTM	Saddleback Mountain
MPK	Martis Peak		PACP	Pacheco Peak	SBK	Saddleback Mountain	SMNB	Stockdale Mountain
MV-CL	Marysville	MV-CL	PAM	Palemo	SADC	Saddle Peak	B5CM	Stone Canyon
MV-CL	Marysville		PSP	Palm Springs	HSFM	Saint Francis Retreat	SCYB	Stone Canyon
PMRM	Maxey Ranch		PAC	Palo Alto-Branner	NSHM	Saint Helena Road	STC	Stone Canyon
GMMM	Mayacamas Mountains		PLM	Palomar	SJM	Saint Joseph Seminary	SCY	Stone Canyon Reservoir
M03C	McCloud		LT18	Palomares Rd	MVCB	Saint Mary's College	CSVM	Stone Valley
MFSM	McCloud Flat S	MFS	CPLM	Palomares Road	SVIN	Saint Vincent's CYO	SMWM	Sugarloaf Mountain West
MFS	McCloud Flat South		PLC	Palomares Road	AN12*	Salinas Radio	SSK	Sunset Peak
HOME	McLaughlin Mine		PVR	Palos Verdes	BSRM	Salinas Radio Site	SMT	Superstition Mountain
MNRC	McLaughlin Natural Reserve		PVRC	Palos Verdes	SRC	Salinas Radio Site	SUP	Superstition Mountain
GCMC	McLaughlin Ranch		PVPS	Panamin Range	SDLC	Salt Lake	SUTB	Sutter Butte
PMCM	McMillan Canyon		PANV	Panamin Range	SLTC	Salton Sea Test Base	OSUM	Sutter Buttes
BMC	McPhails Peak		PRS	Paraiso	SWSC	Sam W. Stewart	BSBM	Swanson's Bluff
MECC	Mecca Hills		PKD	Parkfield	SAC	San Andreas	TMC	Table Mountain
LMDM	Medicine Lake		PKF	Parkfield Array	JSAM	San Andreas	OTBM	Table Mountain
LT7	Mento Park	MOB	PKH	Park Hill	SAO	San Andreas	TF-CL	Taft
JMPM	Mento Park		PAS	Pasadena	LT9	San Andreas Lake	NTYM	Taylor
MOB	Mento Park		PASC	Pasadena Art Cn	JSLM	San Andreas Lake	CTFL	Taylor Farm
S05C	Merced		PPRM	Paso Robles	PANM	San Antonio Reservoir	NTMM	Taylor Mountain
BMSM	Mercy Hot Springs		PWTG	Paul Wright Trailer	PSAM	San Ardo	TRC	Taylor Ranch
MMNB	Middle Mountain		PPTM	Peach Tree Valley	BBNM	San Benito	PK3	Taylor Ranch
NMTM	Middletown		PTV	Peach Tree Valley	SBT	San Benito	PTYM	Taylor Ranch
CMPM	Mikes Peak		PKM	Peak Mountain	SBVC	San Bernardino Valley	THC	Tehachapi Microwave
MGA	Milagra Ridge	MGA	PKC	Peckham Road	JSBM	San Bruno Mountain	TJR	Tejon Ranch
JMGM	Milagra Ridge		AN8*	Peckham Road	SCI	San Clemente Island	TMB	Tembor Range Southeast
LMPM	Military Pass		HPRM	Peckham Road	SNCD	Sand Canyon	CTLM	Tesla Road
MILG	Mill City		PRR	Perris	CSAM	Sandia	KTRM	Thompson Ridge
MLL	Mill Creek		SDC	Pieffer Point	SDC	San Diego	SATS	Thornton Park
T06C	Millerton Lake Dam, Friant		SND	Picacho Peak	SND	San Diego	THRC	Three Sisters
CMCM	Mills College		HFEM	Pickett Peak	SFL	San Felipe	LTIM	Timbered Crater
MIN	Mineral		SFM	Pilarcitos Creek	SFL	San Felipe	TIN	Tinemaha
CMNM	Mines Road		SFC	Pilot Knob	SFM	San Francisco	TNK	Tinkers Knob
MNR	Mines Road		SFB	Pine Canyon	SFC	San Francisco	TMO	Tin Mountain
CL2	Mines Road	CMNM	S06C	Pine Canyon	SFB	San Francisco	NTBM	Tomales Bay
CB9	Mines Road		SFR	Pine Canyon	S06C	San Francisco Camp	TOW	Tower One
CMRM	Mines Road		SJQ	Pine Mountain	S06C	San Francisco Camp	TPRS	Trippe Ranch
CMJM	Mission San Jose		HBTM	Pine Mountain	SJQ	San Joaquin Reservoir	TPO	Tropic Hills
MSJ	Mission San Jose	MSJ	AN3*	Pine Mountain	SJM	San Juan Grade	GTSM	Trough Springs
HELL	Mitchell Peak, Miramonte		HJGM	Pine Mountain	SJQ	San Juan Grade	JTGM	Trout Gulch Road
MMWM	Mi Wuk Village		CSLM	Pinnacles	SJQ	San Juan Grade	MTUM	Tungsten Hills
NMXM	Mix Canyon Road	MIX	HSLM	Pinnacle Ridge	SLD	San Luis Dam	TCC	Turnbull Canyon
MIX	Mix Canyon Road		SLD	Pinto Mountains	BSM	San Luis Dam	TUO	Turquoise Mtn.
GMOM	Moffitt Ranch		B5M	Pinyon Flat Observatory	BSN	San Miguel Island	TTM	Turtle Mountains
MRD	Mojave River Dam		BSN	Pinyon Peak	SNCC	San Nicolas Island	LTMC	Tuscan Springs
MOP	Monarch Peak		SNCC	Piper Mountain	SNC	San Nicolas Island	TPC	Twenty-nine Palms
PMPM	Monarch Peak		SNS	Plute Mountains	SNS	San Nicolas Island	NT-CL	Twentynine Palms
MCRR	Mono Craters	MOP	ZSP	Pizona Creek	SNS	San Onofre	TWL	Twin Lakes
ML3CL	Mono Lake		CSPM	Plant 15--Mercuryville	ZSP	San Pablo Dam	TWN	Twin Peaks
ML1CL	Mono Lake		SPH	Pleasanton	CSPM	San Pablo Ridge	PTRM	Twisselman Ranch
ML2CL	Mono Lake		CHAM	Pleasant Valley	SPH	San Pedro Hill	HAST	UC Hastings Reserve, Carmel Valley
ML2	Mono Lake	ML2CL	SS2	Pleito Hills	CHAM	San Ramon	UKI	Ukiah
ML4CL	Mono Lake		SBC	Point Arena AFB	SS2	San Seavine	JUCM	University of California, Santa Cruz
ML4	Mono Lake	ML4CL	SBI	Point Dume	SBC	Santa Barbara	CMSB	University of California Stadium
ML3	Mono Lake	ML3CL	CIW	Point Molate	SBI	Santa Barbara Island	USC	University of Southern California
ML1	Mono Lake	ML1CL	SCL	Point Reyes	CIW	Santa Catalina Island West	CVLM	Vallecito
MONR	Mono Valley		SCCB	Point Reyes	SCL	Santa Clara	AVRM	Valley Road Site
MTB	Montebello Ridge		SCC	Point Sur Hydrophone	SCCB	Santa Clara County Offices	OGOM	Van Goddin Ranch
HMOM	Monterey	MTR	SCZ	Polly Butte	SCC	Santa Cruz	VARB	Varian Well
MTR	Monterey		BSC	Pomona	SCZ	Santa Cruz	VPK	Verdi Peak
CMOB	Morgan Territory		B5C	Pomona	B5C	Santa Cruz Island	CVAL	Veterans Administration Hospital
LT17	Morgan Territory	MTC	PMGM	Ponciano Ridge	PMGM	Santa Cruz Island	VTV	Victorville
CMOM	Morgan Territory		SME	Pondosa	SME	Santa Rosa Mine	VPD	Villa Park Dam
MTC	Morgan Territory		SMO	Poppy Hill Road	SMO	Santa Rosa Mountain	BVYM	Vineyard
MRVC	Morongo Valley		JSTM	Portola Park	JSTM	Santa Teresa Hills	VIN	Vineyard
ABL	Mount Abel		SYP	Portola State Park	SYP	Santa Ynez Peak	VCAB	Vineyard Canyon
			BPOM	Post Ranch				

Code	Station Name	Other	RW1	Ridgway	HMH	Humuula	F11A	Grangeville
VIT	Vineyard--Telemeter		RW2	Ridgway	KUH	Kaapuna	GRCI	Grant Creek
VSTC	Vista		RW6	Ridgway	KAE	Kaena	GRFI	Grays Lake
VG2	Vista Grande		RW5	Ridgway	KPH	Kaena Point	GTRI	Great Rift
WVPM	Volcano Peak E	VPEM	RW4	Ridgway	KHU	Kahuku	HL	Hailey
VPEM	Volcano Peak East		RBC	Rio Blanco	KKH	Kailua Kona	HL2	Hailey
CVPM	Vollmer Peak		S25A	Robets Cordova Ranch, Walsenberg	KLCH	Kalalua Cone	HL2ID	Hailey
WVPM	Walker Pass		R22A	Saguache, Gunnison	KPA	Kalaupapa	HLID	Hailey
WKC	Walker Ridge		R24A	Sanders Place, Florence	KML	Kamuela	HL-ID	Hailey
WKC2	Walker Ridge		SMCO	Snowmass	KANH	Kanahau	A11A	Hall Mountain, Copeland
GWKM	Walker Ridge		SMC	Somerset	KIH	Kanekii	HID	Hamer Butte
WSP	Warm Springs		SIG	South Ingalls	KNHH	Kane Nui o Hamo	HHI	Harmony Heights
WENL	Wente Brothers Winery		N20A	Spence Gulch, Sunbeam	KFH	Kaouki Faults	YPHR	Hebgen Ridge
PWMM	Westland Maintenance Station		T25A	Trinidad	KLH	Kapapala Ranch	HHAI	Hells Half Acre
WML	Westmorland		TJC	Trinidad (USA)	KPO	Kapoho	YHB	Horse Butte
U05C	Westside ANR, Five Points		TDC	Trinidad (USA)	KLK	Kealakekua	L12A	House Creek Ranch, Rogerson
WESC	Westside School		WTC	Waterton	KEA	Kealakomo	HPI	Howe Peak
WH2	Whipple Mountains 2		N22A	Wattenberg Ranch, Walden	KKU	Keanakolu	HWSI	Howe Scarp
WDC	Whiskeytown Dam		Q20A	White River City	KIP	Kipapa	IDA	Idaho Array
S08C	White Mtn Res Sta-Crooked Creek, Bishop		P25A	Willow Gulch Bison Ranch, Deer Trail	KNH	Kipuka Nene	ID1	Idaho Array 1
WWR	Whitewater		<i>Connecticut</i>		KOH	Kohala	ID2	Idaho Array 2
WLK	Wiest Lake		APT	Avery Point	KNW	Konawaena	ID3	Idaho Array 3
WRC	Williams Ranch		BPT	Bridgeport	LPH	Laupahoehoe	ID4	Idaho Array 4
Q03C	Winters		BCT	Brookfield	LLAH	Lualailua	ID5	Idaho Array 5
WIS	Wister		BRYW	Bryant College	M12	M12	IRC1	INEL Research
GWRM	Wonder Ranch		CPL	Chaplin	MHA	Mahukona	ICI	Italian Canyon
WDS	Woodside		ECT	Ellsworth	MKA	Makaopuhi	JEC1	Jenson Cabin
JWSM	Woodside	WDS	HDM	Haddam	MAU1	Maui	JSM	Jim Sage Mountain
LT6	Woodside	WDS	HAR	Hartford	MKH	Mauna Kea	K14A	Jones Ranch, Declo
WDY	Woody		LSC2	Lakeside	MLH	Mauna Loa	L10A	Juniper Basin Ranch, Riddle
PWKM	Work Ranch	WKR	MD2	Moodus	MLX	Mauna Loa 2	JGI	Juniper Gulch
WKR	Work Ranch		MD1	Moodus	MOK	Mokapu	KG1	Kellogg
PK2	Work Ranch	WKR	MD5	Moodus	MWH	Mokuaweoweo	KCI	Kelly Canyon
NWRM	Wright Ranch		MD4	Moodus	MVH	Mountain View	KBI	Kettle Butte
OWYM	Wyandotte		MD3	Moodus	NAA	Naalehu	D11A	Klaveano Farm, Fernwood
OWAM	Wyandotte	OWYM	NHC	New Haven	NGH	National Guard	H14A	Leadore
YAO	Yaqui Meadows		NSC	North Stonington	NBH	North Bay	LJ1	Lemhi Junction
YEG	Yeguas Mountain		TMT	Talcott Mountain	NPH	North Pit	LGM	Little Green Mountain
CYBM	Yerba Buena Island		UCCT	U. Connecticut	OA-IS	Oahu Island	LLR1	Little Lost River
YBIB	Yerba Buena Island		UCT	University of Connecticut	OA-	Oahu Island	LVRI	Lost Valley Reservoir
YR-CL	Yreka	YR-CL	YLE	Yale	OE-H	Oceanview Est	I14A	Mackay
YR-	Yreka		<i>Delaware</i>		OKAH	Ooka	MCP1	Mackay Peak
YBH	Yreka Blue Horn		BVD	Bellevue State Park	OPA	Opana	L15A	Malad City
P05C	Yuba Gap, Truckee		BBD	Blackbird State Forest	OUT	Outlet	L14A	Malad Range
YUH	Yuha Desert		BWD	Brandywine Creek State Park	PAH	Pahoa	L14A	Malta
NSPM		SNT	DEMA	Delaware Emergency Management Agency	POHA	Pohakuloa	MAS	Mason Butte
NLNM		LOC	GTD	Georgetown	POH	Pohoiiki	MBI	Menan Buttes
JSGM		SGC	GWDE	Greenwood	PUP	Pupakea	YPMF	Mesa Falls
NMCM		NMC	NED	Newark	PHO	Puu Honuaula	I15A	Montevieu
NGVM		GVR	SCOM	Sussex County Emergency Operations Center	PHH	Puu Hululu	MCID	Moose Creek
NFRM		FTR	<i>District of Columbia</i>		PKL	Puu Kaliu	MO-	Mountain Home
JPSM		PSD	BED	Bald Eagle	KMH	Puu Karmoamo	MO-ID	Mountain Home
HQRM		QSR	DTM	Carnegie Institution of Washington	POK	Puuokali	MUDI	Mud Lake
EBP			GEO	Georgetown	PPL	Puu Pili	MUL	Mullan
LUL			PHYL	Hylton High School	PLL	Puu Ulaula	NWR	Narrow River
WMD			WAS	Washington	RSD	Rainshed	I16A	Newdale
<i>Caribbean Sea</i>			NRL	Washington--Naval Research Laboratory	RCO	Red Cone	NPRI	New Reactor
GTBY	Guantanamo Bay		WFF	Whiting Field	RIM	Rim	H10A	Noah's Angus Ranch, Cambridge
SDDR	Presa de Sabaneta		<i>Florida</i>		SPT	South Point	NTI	Nordman
<i>Central America</i>			BE-FL	Belleview	SWH	Southwest Rift	NPI	North Pocatello Valley
TGUH	Tegucigalpa, Univ of Honduras		BE-	Belleview	STCH	Steam Cracks	K11A	Parker Ranch, Bruneau
<i>Colorado</i>			DWPF	Disney	TRH	Trail	PZCI	Patelzick Creek
S22A	4UR Ranch, Creede	BE-FL	EVE	Everglades	UWE	Uwekahuna	I10A	Payette
Q25A	Bedland, Calhan		GAI	Gainesville	WHA	Wahaula	PINI	Pine Creek
N21A	Black Mountain, Craig		JAC	Jacksonville	WKH	Waikii	I11A	Placerville
BO1	Boulder		MIA	Miami	WMR	Waimanalo Ridge	PTI	Pocatello Creek
BDC	Boulder		OR-	Orlando	WLG	Waldron Ledge	PCID	Pole Creek
BOU	Boulder		OR-FL	Orlando	WOB	Weather Observatory	PQ-ID	Preston
T23A	Casias Ranch, Antonito	OR-FL	PEN	Pensacola	WPH	West Pit	D12A	Red Ives Forest Station, Avery
R21A	Cimarron		PJC	Pensacola Junior College	WHI	Whitney	RR12	Red Ridge
S21A	Coal Bank Pass, Durango		RIC	Richmond	WOH	Wood Valley	RR1	Red Ridge
CMCO	Colorado Mnmt		WFF	Whiting Field	Arbon	Arbon	REX	Rexburg
CGC	Craig		<i>Georgia</i>		Argonne North	Argonne North	RMI	Round Mountain
Q22A	Crested Butte, Gunnison		AMG	Americus	Atlanta	Atlanta	SJD	Saint Joe
P19A	Cripple Cowboy Ranch, Baxter Pass		ATL	Atlanta	BBI	Bertha Hill	B11A	Sandpoint
P20A	De Beque		BBG	Brasstown Bald	BEI	Bear River Range	SPVI	Shoe Peg Valley
DEN	Denver		CDG	Carters Dam	E12A	Beaver Dam Saddle, Pierce	SMBI	Sixmile Butte
DER	Derby		LDVG	Clark Hill Reservoir	J10A	Berg Farm, Melba	SBID	Snowbank Mountain
DR-	Durango	DR-CO	BEVG	Clark Hill Reservoir	BHI	Bertha Hill	K16A	Soda Springs
DR-CO	Durango		IVAG	Clark Hill Reservoir	BBI	Big Bend	SPCI	Split Crater
DGC	Durango		CH6	Clark Hill Reservoir	G12A	Big Creek, Yellow Pine	STD	Stanley
EGC	Eagle		CH5	Clark Hill Reservoir	GBI	Big Grassy Butte	STI	Star Valley
T22A	Edith		DALG	Dalton	LRI	Big Lost River	J12A	Stokes Ranch, Hill City
R25A	Fountain Ranch, Boone		ETG	Eaton	YPBB	Black Butte	K13A	Stover Farm, Hazelton
FK-	Franktown	FK-CO	GOGA	Godfrey	J15A	Blackfoot	SURI	Summit Reservoir
FK-CO	Franktown		GMG	Grassy Mountain	E11A	Bogner Ranch, Nez Perce	TMI	Taylor Mountain
GACO	Gateway		GBG	Greensboro	BSE	Boise	TCSI	Telchick Spring
GOL	Golden		LA-GA	Lafayette	BUI	Bone	C11A	Tepee Creek (NFS), Magee
GLD	Golden		LA-	Lafayette	BDID	Brownlee Dam	TID	Three Point Mountain
GJC	Grand Junction		LKGA	Lookout Mountain	BURK	Burke	TYI	Trinity Mountain
HDQ	Headquarters		RCG	Rock City	MFID	Camas Ranch	YPTS	Trude Siding
HLR	Highland Ranch		REG	Rock Eagle	J14A	Carey	WAL	Wallace
S24A	Houchin Ranch, La Veta		TVGG	Rocky Mountain Net	L11A	Cat Creek Ranch, Riddle	G11A	Walters Elk Ranch, Riggins
ISCO	Idaho Springs		RMG	Rome (USA)	CBTI	Cedar Butte	WBI	Whiskey Butte
P24A	Kohler Place, Littleton		WDG	Wallace Dam	CIB	Cedar Butte	I13A	Wildhorse Creek, Mackay
Q21A	Lamborn Mesa, Paonia		<i>Hawaii</i>		CMI	Centennial Mountain	WCI	Willow Creek
LSI02	Los Alamos Infrasonic Array Site 2		AHA	Ahaua	CL-ID	Challis	WPI	Wilson Peak
MSCO	Mesa State College		AIN	Ainahu	CL-	Challis	<i>Illinois</i>	
MVCO	Mesa Verde		BAH	Barrette	H13A	Challis	BPIL	Belle Prairie
MRC	Montrose		CPH	Captain Cook	CRBI	Circular Butte	BVIL	Belleville
T21A	Navajo Lake, Ignacio		CPK	Cone Peak	G13A	Cobalt	CIRL	Cave In Rock
P21A	Newcastle		DAH	Dandelion	J13A	Cove Ranch, Picabo	CGI	Chicago
S23A	Nye Farm, Monte Vista		DES	Desert	CHOI	Coyote Hollow	CHK	Chicago
OMCO	Orchard Mesa		DHH	Diamond Head	COMI	Craters of Moon	CHI	Chicago-Loyola
Q21A	Pagoda		ESR	Escape Road	CPI	Crown Point	CSIL	Creal Springs
PGS	Pagosa Springs		FEF	Fern Forest	CNCI	Crows Nest Canyon	DEK	Dekalb
PV08	Paradox Valley		HKL	Haleakala	DEI	Dent	ELC	Elco
PV01	Paradox Valley		HLK	Haleakala	H12A	Diamond D Ranch, Stanley	HDIL	Hopedale
PV15	Paradox Valley		HPU	Hale Pohaku	H11A	Donnelly	JCMO	Jefferson College
PV03	Paradox Valley		HBH	Hawaiian Beaches	L13A	Double Diamond Ranch, Oakley	NHIL	New Haven
PV09	Paradox Valley		HVO	Hawaiian Volcano	K12A	Draper Farm, Castleford	PW-IL	Pontiac
PV04	Paradox Valley		HIG	Hawaii Institute of Geophysics	DCI	Dry Creek	PW-	Pontiac
PV05	Paradox Valley		HW-	Hawaii Isl. Ar.	DPI	Dunn Peak	GOIL	Rosebud
PV06	Paradox Valley		HW-IS	Hawaii Isl. Ar.	ECR	Eagle Creek	SMV	Samsville
PV07	Paradox Valley		HUL	Heiheiuhulu	EMI	Eightmile Canyon	EDIL	So. Illinois U.
PV02	Paradox Valley		HLP	Hilina Pali	EBI	Elk Butte	SIUC	Southern Illinois University
PMC	Poorman Mine		HIL	Hilo	F12A	Elk City	SCMO	St. Charles CC
RGC	Rangely		HNL	Honolulu	ERI	Eureka Ridge	WVIL	Wabash College
R20A	Redvale		HON	Honolulu	L16A	Fish Haven	WQ-IL	Watseka
Q20A	Ridgley Place, Grand Junction		HPO	Honuapo	GMI	Garnes Mountain	WSIL	West Salem
RW3	Ridgway		HTC	Hot Caves	GHI	Gilbert Hill	<i>Indiana</i>	
			HUH	Hualalai	GRAI	Grandview Point	BLO	Bloomington
							IN3	Indiana Array

Code	Station Name	Other	DUX	Duxbury	MVMO	Maryville College	LF4	LASA F Ring
IN4	Indiana Array		DXB	Duxbury	MATM	Mathews	LF2	LASA F Ring
IN2	Indiana Array		FLR	Fall River	NMM	New Madrid	LF3	LASA F Ring
IN1	Indiana Array		GLO	Gloucester	NMMO	New Madrid	LF1	LASA F Ring
ISU	Indiana State University		HRV	Harvard--Oak Ridge	NMD	New Madrid	G18A	Lazy EL Ranch, Roscoe
SHIN	Springhill		LNK	Lenox	NMME	New Madrid Sch	LCCM	Lewis and Clark Caverns
SPIN	Swan Pond Ditch		NMA	Nantucket	NRMS	Noranda	LN-MA	Lewistown
THI	Terre Haute		QUA	Quabbin	PARMO	Parma	B17A	L&G Farms, Chester
USIN	University of Southern Indiana		COD	South Dennis	MMM	Pea Ridge Mine	B12A	Libby
WDIN	Wadesville		WGM	Westboro	PEBM	Pemiscott Bayou	LDM	Libby Dam
WCI	Wyandotte Cave		WFM	Westford	PENMO	Penman	H15A	Lima
Iowa			WES	Weston	PPLM	Point Pleasant	LRM	Limekiln Ridge
BY-IO	Bloomfield		WLL	Williamstown	PBMO	Poplar Bluff	D15A	Lincoln
DMI	Des Moines		WOR	Worcester	POBM	Portage Bay	D18A	Linhart Farms, Moccasin
DBQ	Des Moines		Michigan		PGVM	Portageville	LBM	Little Butte
SCIA	State Center		ACM	Allegan	PVMO	Portageville	LHD	Little Hoodo Mountain
VO-	Vinton		AAM	Ann Arbor	PTG	Portageville	LTMT	Little Table Mountain
VO-IO	Vinton	VO-IO	MTPM	Central Michigan	RSCM	Risco	LFM	Lubrecht Forest
Kansas			UNIVERSITY	University	RELT	Roellen	LYMT	Lyon Mountain
BEK	Belvue		LNSM	East Lansing	ROL	Rolla	B14A	Marquette Ranch, East
CBKS	Cedar Bluff		ED-MI	Edgewood	RMB	Rombauer	E17A	Martinsdale
CNK	Concordia		ED-	Edgewood	SJMO	Saint John's Bayou	MCMT	McKenzie Canyon
EDK	El Dorado		KZM	Kalamazoo	SLM	Saint Louis	A18A	Metzger Ranch, Havre
EM-	Emporia		PF-	Pickford	TPMO	Tallapoosa	MKMT	Mink Peak
EMK	Emporia	EM-KA	PF-MI	Pickford	TOPM	Tallapoosa	MSMT	Mission Creek
EM-KA	Emporia		SUG	Sugar Island	TYS	Tyson Valley	MSO	Missoula
HWK	Hiawatha		TT-MI	Trout Lake	WADM	Wardell	B16A	M & M Farms, Shelby
KSU1	Kansas State University--Konza Prairie		TT-	Trout Lake	WALK	Watson Lake	MOMT	Monida
LAW	Lawrence		AAMC	University of Michigan	Montana		G16A	Moss Hill, Ennis
LAK	Lawrence		WPM	White Pine	AN-	Anaconda	BEMT	Mount Belmont
MHT	Manhattan		AGMN	Agassiz Refuge	AN-MA	Angela	MEMT	Mount Ellis
MHK	Manhattan		BEM	Benedict	BGMT	Barton Gulch	HBMT	Mount Humburg
MLK	Millford Reservoir		CM2	Central Minnesota Array	BCM	Basin Creek	C12B	Naegeli Ranch, Trout
NNK	Norton		CM3	Central Minnesota Array	BSMT	Bassoo Peak	NCM	Ninemile Creek
OBK	Oberlin		CM1	Central Minnesota Array	B18A	Beardsley Farm, Havre	NDMT	Ninemile Divide
SNK	Salina		CM6	Central Minnesota Array	BBM	Big Bend	OVMT	Ovando
TCK	Tuttle Creek Reservoir		CM5	Central Minnesota Array	BCB	Big Creek Baldy	G17A	Pierce Place, Pray
Kentucky			CM4	Central Minnesota Array	BFM	Bigfork	PNK	Pinkham Creek
BETH	Bethel		DUL	Duluth	BHMT	Big Hole Peak	PCMT	Pistol Creek
BGKY	Bowling Green		EYMN	Ely	F18A	Big Timber	YPRL	Red Lodge
BHKY	Bowman Hall		GY-	Gaylord	BS-MA	Billings	RLMT	Red Lodge
CRU	Crutchfield		GY-MN	Gaylord	BLK	Black Butte	RFM	Reservoir Flats
DY-	Dry Ridge		GP-	Grand Rapids	BPMT	Black Pine Ridge	RFX	Rexford
DY-KY	Dry Ridge	DY-KY	GP-MN	Grand Rapids	BLMT	Blacktail Mountain	H16A	Russell Place, West
SLKY	Flemingsburg		HT-	Hastings	BZE	Bozeman	C15A	Salmond Ranch, Choteau
FLKY	Flemingsburg	FLKY	HT-MN	Hastings	BZM	Bozeman	SLMT	Seeley Lake
FDKY	Freedom		JA-MN	Jasper	BZMT	Bozeman Pass	SGM	Silver Gate
FMKY	Fulgham		JA-	Jasper	BOZ	Bozeman (W)	D17A	Six Diamond Ranch,
HAKY	Hadley Quad		JO-	Jordan	B15A	Bradely Ranch, Valier	Ranyesford	
HICK	Hickman		JO-MN	Jordan	F15A	Butte	SXM	Sixmile
LLKY	Land-Between-the-Lakes		MNM	Minneapolis	BUT	Butte	STMT	Stillwater Mine
LEK	Lexington		MFM	Minneapolis	CLX	Calx Mountain	-AOMA	Subarray A0 LASA
LGKY	Lock 6		MNN	Minneapolis	CHMT	Chamberlain Mountain	SVMT	Summit Valley
L6KY	Lock 6	L6KY	NB-MN	North Branch	CRMT	Chrome Mountain	SWP	Swamp Creek
LOKY	Lockhart		NB-	North Branch	CMT	Clancy	C14A	Swan Lake
MOKY	Morganfield		PP-MN	Pipestone	CCMT	Clark Canyon Reservoir	SWMT	Swartz Lake
PAKY	Paducah		PP-	Pipestone	CFM	Cliffside	SW-	Sweetgrass
PKKY	Potato Knob		SE-	Sleepy Eye	E14A	Clinton	SW-MA	Sweetgrass
REKY	Reed		SE-MN	Sleepy Eye	CKM	Coopers Lake	TEE	Teepees Ranch
ROKY	Rotten Point		TY-	Tracy	DGMT	Dagmar	TPMT	Tepee Creek
RS-	Russell Springs		TY-MN	Tracy	DMTT	Dalton Mountain	A17A	Triple J Farms, Joplin
RS-KY	Russell Springs	RS-KY	WD-	Windom	D16A	Dana Ranch, Cascade	C12A	Trout Creek
SMKY	Sacramento		WD-MN	Windom	F13A	Darby	VCMT	Victor
SOKY	Sonora		WF-MN	Wykoff	E15A	Deer Lodge	E13A	Victor
SSKY	Summer Shade		WF-	Wykoff	DPM	Delmo Park	WCM	Warland Creek
WCK	Wilson Creek		Mississippi		YPDC	Denny Creek	YPWB	West Boundary
Louisiana			GH-MS	Greenville	DLMT	Dillon	A16A	West Butte Ranch,
JE-LA	Jena		LL-	Laurel	DI-MA	Dillon	Sweetgrass	
JE-	Jena (USA)	JE-LA	LL-MS	Laurel	D-	Dillon	YWY	West Yellowstone
LV-LA	Lidieville		LD-	Lucedale	G15A	Dillon	C17A	Wharram Farm,
LV-	Lidieville	LV-LA	LD-MS	Lucedale	A14A	Double T Ranch, Babb	Highwood	
NOL	New Orleans		LD2MS	Lucedale	EGMT	Eagleton	B13A	Whitefish
LSU3	Parcperdue Array		LD3MS	Lucedale	QLMT	Earthquake Lake	WHM	Wild Horse Parks
LSU2	Parcperdue Array		LU-MS	Lumberton	E16A	East Helena	F14A	Wisdom
LSU4	Parcperdue Array		MB-MS	McComb	ERMT	East Ridge	YKM	Yaak
LSU1	Parcperdue Array		MB-	McComb	ELMT	Elliston	A12A	Yaak River Ranch, Troy
LSU5	Parcperdue Array		OXF	Oxford	FBMT	Ferry Basin	YBMT	Yellow Bay
Maine			PC-	Picayune	F17A	Fitzpatrick Place, Clyde Park	YCM	YMCA Camp
AGM	Allagash		PC-MS	Picayune	A13A	Flathead National Forest, Polebridge	Nebraska	
AG-	Augusta	AG-ME	PGM	Pleasant Grove	FR-	Forsyth	AI-	Alliance
AG-ME	Augusta		PU-MS	Purvis	FR-MA	Forsyth	AI-NB	Alliance
BG-	Bangor	BG-ME	RI-MS	Richton	C16A	Fuhringer Ranch, Dutton	ABN	Auburn
BG-ME	Bangor		TQ-MS	Tatum Dome	GI-MA	Glendive	BENE	Beatrice
BPM	Bucksport		VBMS	Vicksburg	GI-	Glendive	CCNE	Clay Center
CBM	Caribou		Missouri		GBM	Granite Butte	CZ-	Cody
PQ0	Cooper Hill		BRNM	Bernie	GCR	Grayling Creek	CZ-NB	Cody
D2A	Dickey		BRM	Bernie	D14A	Greenough	CUN	Columbus
D4A	Dickey		BRR	Berryman	GCMT	Greycliff	CR2NB	Crete
D6A	Dickey		BETM	Bethany	HH-ND	Hannah	CTN	Crete
D1A	Dickey		BRGM	Braggadocio	HH-	Hannah	CR-	Crete
D5A	Dickey		CGM	Cape Girardeau	E18A	Harlowton	CR-NB	Crete
D3A	Dickey		CCM	Cathedral Cave	HV-MA	Havre	DTN	Dwight
EMMW	East Machias		CATM	Catron	HV-	Havre	GO-	Gordon
EMMT	East Machias		CHNM	Channel	HLM	Helmville	GO-NB	Gordon
EMM	East Machias		CHRM	Charleston	HRF	Holter Research	GAN	Gretna
PQ1	East Ridge		COKM	Charter Oak	Foundation--Helena	Foundation--Helena	HS-NB	Hay Springs
HKM	Hinckley		CWPT	Cottonwood Point	HRF	Holter Research	HS-	Hay Springs
HN-	Houlton		CCMO	Creve Coeur	HRY	Foundation--York Bridge	HMN	Homestead National
HN-ME	Houlton	HN-ME	CBD	Cypress Bend	C13A	Hot Springs	INDN	Indianola
HN-ME	Houlton		DMV	Demmitville	HHM	Hungry Horse	JHN	Johnson
JKM	Jackman		DWM	Dogwood	D13A	Huson	LCN	Lincoln
MIM	Milo		DWDM	Dogwood	HY-MA	Hysham	LIN	Lincoln
PKME	Peaks-Kenny Pk		DON	Dongola	HY-	Hysham	LCNE	Loup City
POR	Portland		EPRM	East Prairie	G14A	Jackson	LCNC	Loup City
PQI	Presque Isle		ECD	Elk Chute Ditch	JTMT	Jette	MKN	Medicine Creek Dam
TRM	Turner		EN-MO	Ellisnore	A15A	Johnson Ranch, Cut Bank	MH-	Mitchell
WTR	Waterville		EN-	Ellisnore	F16A	Kennard Place, Willow Creek	MH-NB	Mitchell
WVL	Waterville		STIL	E St Louis HE Ctr	LHM	Lake Helena	NR-	Niobrara River
Maryland			FRM	Fiat River	LASA	Lasa Array	NR-NB	Niobrara River
NHB	Bethesda--National Naval Medical Center		FLO	Florissant	LAO	Lasa Array	PCNE	Platte Center
CLH	Cheltenham		FVM	French Village	LAO	Lasa Array	SGN	Springfield
ER304	Early Rise 304		CBMO	Girardeau Bridge	LB1	LASA B Ring	WHNE	Wahoo
ECM	Ellicott City		GLST	Glass	LB3	LASA B Ring	WNN	Wann
GS-MD	Grantsville		GNAR	Gosnell	LB4	LASA B Ring	Nebraska	
GS-	Grantsville	GS-MD	GSAR	Gosnell High Sch.	LB2	LASA B Ring	BUK	413
NLM	Maryland--Naval Ordnance Lab		GRV	Greenville	LC1	LASA C Ring	LWN	416
SDMD	Soldier's Delight Natural Environment Area		GUAMO	Guam	LC2	LASA C Ring	ALA	Alamo
VIL	Villa Mercy		HAWT	Hathaway	LC3	LASA C Ring	AMDNV	Amargosa
WSC	Washington Science Center		HATI	Hayti	LC4	LASA C Ring	ANCR	Anchorite
WOO	Woodstock		HENM	Henderson Mound	LD1	LASA D Ring	APK	Angel's Peak
Massachusetts			KC-	Kansas City	LD4	LASA D Ring	APKW	Angels Peak
QUA2	Belchertown		KC-MO	Kansas City	LD3	LASA D Ring	U10A	Ash Meadows, Armagosa
BCX	Boston College		KEWM	Kewanee	LD2	LASA D Ring	APNR	Astor Pass
CAM	Cambridge		LPAR	Lepanto	LE3	LASA E Ring	P09A	Austin
			LDMO	Linda	LE2	LASA E Ring	AT-	Austin
			LST	Lone Star	LE1	LASA E Ring	AT-NV	Austin
			MLDM	Malden	LE4	LASA E Ring	BRO	Bare Mountain
			MLD	Malden				
			MARMO	Marston				

Code	Station Name	Other	LO-	Lovelock	LO-NV	WZ-NV	Warm Springs	Y26A	Elida
BMN	Battle Mountain		LBP	Lucky Boy Pass		WSN	Warm Springs	U23A	El Rito
BTY	Beatty		LNG	Luning		WSR	Warm Springs Repeater	EST	Estancia
BEA	Beatty	BTY	MGM	Magruder Mountain		WSH	Washington Hill	EUM	Eureka Mesa
BLM*	Bell Mountain		M09A	Marrel Ranch, Paradise Valley		WCN	Washoe City	X27A	F and S Farms, Texico
BLT	Belted Range		P12A	McGill		M12A	Wells	FARG	Farmington
BGB	Big Butte		MCY	Mercury		N13A	Wendover, West Wendover	FCN	Frijoles Canyon
BGN	Big Creek		MCN	Mercury		WTCR	Whites Canyon	125A	Gardner Draw, Artesia
BIS	Bismark Peak		MCV	Mercury		WCT	Wildcat Mountain	GB-NM	Gasbuggy
BMT*	Black Mountain		R08A	Mina		WLDR	Wildhorse	GN-	Gnome
BMTN	Black Mountain		MN-NV	Mina		L09A	Wilkinson Ranch, McDermitt	GN-NM	Gnome
BCN	Boulder City		MNA	Mina		Q12A	Willow Creek Ranch, Ely	GNM	Golden
BNPN	Boundary Peak		MN-	Mina	MN-NV	WMN	Winnemucca	GDL2	Guadalupe Mountain
BONR	Boundary Peak		MNV	Mina		WI-	Winnemucca	HTMS	Hat Mesa
BOX	Box Canyon		NVAR	Mina Array Beam Reference Point		WI-NV	Winnemucca	Y20A	Horse Springs, Datil
BYX	Boyer Ranch		NV01	Mina Array Site 1		WRN	Worthington Mountains	X23A	Hourglass Bar Ranch, Mountainair
BFC	Buffalo Canyon		NV10	Mina Array Site 10		YF3NV	Yucca Flat NTS	Y22D	IRIS PASSCAL Instrument Center, Socorro
N06A	Buffalo Meadows, Empire		NV02	Mina Array Site 2		YF2NV	Yucca Flat NTS	Y22C	IRIS PASSCAL Instrument Center, Socorro
CTS	Cactus Peak		NV03	Mina Array Site 3		YF4NV	Yucca Flat NTS	JOAQ	Joaquin Lookout
CDH1	Calico Hills		NV32	Mina Array Site 32		YMT6	Yucca Mountain	JUM	Jug
CDH5	Calico Hills		NV33	Mina Array Site 33		YMT1	Yucca Mountain	KT3	Kermit
CQ-NV	Caliente		NV04	Mina Array Site 4		YMT2	Yucca Mountain	KT5	Kermit
W12A	Cal Nev Ari		NV05	Mina Array Site 5		YMT3	Yucca Mountain	KT2	Kermit
CANR	Candelaria		NV06	Mina Array Site 6		YMT4	Yucca Mountain	KT7	Kermit
Q09A	Carvers		NV07	Mina Array Site 7		YMT5	Yucca Mountain	KT1	Kermit
NYC	Charley		NV08	Mina Array Site 8		FPK	and 31	KT8	Kermit
P11A	Circle Ranch, Eureka		NV09	Mina Array Site 9		NT-		KT9	Kermit
Q10A	Clear Creek Ranch, Tonopah		NV11	Mina Array Sites 11 and 31		NSP		KT4	Kermit
NYM	Climax Mine		T12A	Moapa		NT2		320A	Kipp Ranch, Antelope Well
N12A	Clover Valley, Wells		M13A	Montello		WHR		LCV	La Cueva
COLR	Columbus		MZP	Montezuma Peak		FLV		LAZ	Ladron
U11A	Corn Creek		MTPC	Mountain Pass				LAD	Ladron Mountain
T11A	Corn Creek, Alamo		MTI	Mount Irish				LJY	La Joya
O10A	Cortez Mining, Crescent City		N23	N23				LFC	Lale Fork Canyon
COTR	Cottonwood		NMN	Nasa Mountain				LC-	Las Cruces
O11A	Cowboy Ranch, Jiggs		V12A	Nelson				LC-NM	Las Cruces
CPX	CP-1		NEL	Nelson				W24A	Lazy 6 Ranch, Villanueva
CPY	CP-1		NEN	Nelson				X24A	Lazy VL Ranch, Encino
CPN	CP-17		NT2NV	Nevada Test Site				LENM	Lemitar
CMN	Crown Mine		NT-NV	Nevada Test Site				U22A	Llaves
CU-NV	Currant		NTA	Nevada Test Site Array				LOA	Los Alamos
CU-NV	Currant		NPN	North Pahroc Range				LSIAR	Los Alamos Infrasonic Array Beam Reference Point
CU-	Currant	CU-NV	NPM	North Pahute Mesa				LSI01	Los Alamos Infrasonic Array Site 1
O12A	Currie		NRM	North Rainier Mesa				LSI03	Los Alamos Infrasonic Array Site 3
S12A	Delamar Landing Field, Caliente		NRD	North Reno				LSI04	Los Alamos Infrasonic Array Site 4
DLM	Delamar Mountains		ADM	NRDS				LPM	Los Pinos Mountain
DIXR	Dixie Hot Springs		OB-NV	Oak Springs Butte				Y23A	Lovelace Mesa, Carrizozo
P08A	Dixie Valley		OB2NV	Oak Springs Butte				226A	Malaga, Loving
DSM	Dog Skin Mountain		OB3NV	Oak Springs Butte				MLM	Mesa Lucera
Q11A	Duckwater		OVE	Overton				Y25A	Mesa, Roswell
N10A	Dunphy		PAHR	Pah Rah Range				221A	Mesquite Ranch, Deming
EPR	East Pahrnanagat Range		PRN	Pahroc Range				V21A	Milan
ESTR	Eastside		LO2	Pahute Mesa				ML-	Mogollon
EHN	Echo Peak		PMN	Pahute Mesa				ML-NM	Mogollon
EPM	Echo Peak		PH-NV	Pahute Mesa Site				U24A	Moreno Valley High School, Angel Fire
EMN	Eldorado Mountains		PH4NV	Pahute Mesa Site				MSA	Mount San Antonio
EKO	Elko		PH2NV	Pahute Mesa Site				MTL	Mount Taylor
ELK	Elko		PH3NV	Pahute Mesa Site				U21A	Nageezi
N11A	Elko Archery Club, Elko		PARR	Paradise				U20A	Newcomb
ELY	Ely		PNR	Penrod				NMH	New Mexico Highlands
EY-NV	Ely		R12A	Pony Springs, Pioche				Z20A	Nine Sixteen Ranch, Cliff
EY2	Ely	EY2NV	QM-NV	Quartzite Mountain				OTZ	Ortiz Mountain
EY-	Ely	EY-NV	QCS	Queen City Summit				V23A	Ortiz Mt. (NFS), Santa Fe National Forest
EY2NV	Ely		QNR	Quinn River				W26A	Owens Ranch, Tucumcari
ETS	Engine Test Stand		QRV	Quinn River Valley				220A	Playas Peak, Playas
EUR	Eureka		S11A	Quinn River Valley				Y21A	Point of Rocks Canyon, Magdalena
P10A	Eureka		RH-NV	Rawhide Mountain				X20A	Quemado
EK-NV	Eureka		NVR	Receiver Site				W20A	Ramah
EK-	Eureka (L)	EK-NV	REN	Reno				V25A	Rancho No Tengo, Wagon Mound
EXC	Excelsior		RVE	Reveille Range				RT-NM	Raton
FPN1	Fairview Park		O08A	Rochester Mine, Lovelock				RT-	Raton
FPN	Fairview Peak		N09A	Rock Creek Ranch, Golconda				REDP	Redondo Peak
P07A	Fallon		RUT	Ruth				RIO	Rio Grant
FA-NV	Faultless		RYN	Ryan				Z23A	Rita Site, White Sands Missile Range
FERR	Ferguson		S0104	Saint George Infrasonic Array Site 4				Z25A	Roswell
O09A	Fish Creek Ranch, Battle Mountain		Q07A	Schurz				SPD	Saint Peter's Dome Lookout
O06A	Flanigan		SRG	Seaman Range				W21A	San Fidel
GAB	Gabbs		SHPR	Sheep Range				SMNM	San Marcial
Q08A	Gabbs		SHRG	Sheep Range				V22A	San Miguel Ranch, Cuba
GNO	Genoa		SZ-NV	Shoal				Z24A	Sheeppen Canyon, Tinnie
N07A	Gerlach		SZ-	Shoal	SZ-NV			SVM	Silver City
N07B	Gerlach		SSP	Shoshone Peak				SFR	Snake Ranch
N08A	GE Springer Mine, Mill City		SVP	Silver Peak Range				Y22A	Socorro
GBT	Gilbert		SIMR	Simon				SNM	Socorro
GILR	Gillis		STM	Slate Mountain				SRM	Socorro
S09A	Goldfield		SMN	Sleeping Mountain				SBM	South Baldy
GF-NV	Goldfield		M07A	Soldier Meadows				Z21A	St. Cloud Mine, Winston
GF-	Goldfield	GF-NV	SPRG	Spotted Range				124A	Stringfield Ranch, Weed
GMN	Gold Mountain		SSX	SS1				Z27A	Tatum
V11A	Goodsprings		STX	Station 2				V26A	Tequesquite Ranch, Mosquero
GLR	Groom Lake Road		P06A	Stead Airport, Stead				TSP	Tesuque Peak
GMR	Groom Range		ST-NV	Stillwater				TTP	Tetilla Peak
GZN	Groom Zero		ST-	Stillwater	ST-NV			TC-	T or C
ZOX	Ground Zero		SWN	Stillwater				TD-NM	Tres Piedras
GRX	Ground Zero	GZN	SDH	Striped Hills				TD-	Tres Piedras
M08A	Happy Creek Ranch, Winnemucca		SOX	Sue Hot Springs				TC-NM	Truth or Consequences (T or C)
HLX	Hole		SC-	Sutcliffe	SC-NV			120A	U Bar Ranch, Lordsburg
M11A	Holland Ranch, North Fork		SC-NV	Sutcliffe				W23A	Werner Place, Edgewood
HCR	Hot Creek Range		NYS	Syncline Ridge				WMA	West Mesa
HYX	Hoyt Mine		TPU	Tempiute Mountain				222A	Williams Family Ranch, Las Cruces
HVL	Huntoon Valley		NT13	Thirsty				WTX	Workman Tunnel
HCK	Huntoon Valley		TCNV	Thirsty Canyon				W25A	X Bar L Ranch, Newkirk
M10A	I.L. Ranch, Tuscararo		TMBR	Timber Mountain				<i>New York</i>	
IO-NV	Ione		TMN	Timber Mountain				ADN	Adams
IO-	Ione	IO-NV	TP-NV	Tippipah				RSNY	Adirondack
JON	Johnnie		TP-	Tippipah				ACCN	Adirondack Community College
NYJ	Joshua Tree		TI-NV	Tolicha Peak				APH	Airport Hangar
KVN	Kaiserville		TPK	Tolicha Peak				ALX	Alexander Bay
KP-NV	Kawich Peak		TNP	Tonopah				ALF	Alfred
KRNA	Kawich Range		R09A	Tonopah				ANNS	Annsville
LM-	Lake Mead		TPV	Tonopah					
LM-NV	Lake Mead	LM-NV	TPH	Tonopah					
LVN	Las Vegas		S10A	Tonopah Range, Tonopah					
LWV	Las Vegas		TPNV	Topopah Spring					
LDV	Leadville		O07A	Toulon					
LI-	Liberty		TRCR	Troy Canyon					
LI-NV	Liberty	LI-NV	R11A	Troy Canyon, Currant					
LHV	Little Huntoon Valley		TSV	Twin Springs					
LSM	Little Skull Mountain		UVN	Unionville					
LSN	Little Skull Mountain		UVN1	Unionville					
LOP	Lookout Peak		U12A	Valley of Fire, Overton					
LVK	Lovelock		NYV	Vern					
LO-NV	Lovelock		VIP	Virginia Peak					
			WAD	Wadsworth					
			WAKR	Walker					
			R10A	Warm Springs					

Code	Station Name	Other	CPOT	Cumberland Plateau	EF-TX	Eagle Flat	P13A	Bates Ranch, Gandy
LAF	Lafayette		RSCP	Cumberland Plateau	EF-	Eagle Flat	BCU	Bea Canyon
South Carolina			CPO	Cumberland Plateau	MT2	Eagle Mountain	BVK	Beaver Lake
BCS	Baptist College of Charleston		CP-SO	Cumberland Plateau Observatory	EQ2TX	Elmo	BKU	Beaver Lake Mountains
BOW	Bowman		DYTN	Dayton	EP	EI Paso	BDU	Big Dutch Hollow
CHF	Calhoun Falls		DCT	Ducktown	EP-TX	EI Paso	BGU	Big Grassy Mountain
CCS	Cawcaw Swamp		DY1	Dyersburg	EPT	EI Paso	BIU	Bingham Canyon
CSU	Charleston Southern University		DRTN	Dyersburg	FMTX	Flower Mountain	BMUT	Black Mountain
SCCK	Coley Creek		EBZ	Ebenezer Church	SFTX	Fort Shafter	S17A	Black Ridge (BLM), Bullfrog Basin
CSC	Columbia	SVC	EDIT	Edith	FO-	Fort Stockton	FO-TX	BX- Blanding
COW	Cow Castle Creek		ETT	Etowah	FO-TX	Fort Stockton	BU	BX-UT Blanding
CFS	Cross Fire Station		FGTN	Flat Gap	FRTX	Fuller Ranch	BHU	Blowhard Mountain
DRC	Dorchester		FLPT	Flippin	GL-TX	Garland	BPU	Bountiful Peak
FMF	Francis Marion National Forest		FPST	Four Points	GL-	Garland	BYU	Brigham City
GVS	Graniteville		GLT	Gallatin	GA2TX	Grand Saline	BRUT	Brigham Young University
HBF	Harts Bluff		GLAT	Glass	GA-TX	Grand Saline	BBUT	Bromley
HWD	Hollywood		GRT	Gratio	GA3TX	Grand Saline	P17A	Bumble Bee
JSC	Jenkinsville		GRBT	Greenback	GV-TX	Grapevine	CTU	Butcher Ranch, Price
JVW	Jocasse View		GBTN	Greenback	GR2	Grit	CWU	Camp Tracy
LHS	Liberty Hill		GTTN	Green Top	GR1	Grit	R18A	Camp Williams
MGS	Middleton Gardens		HALT	Halls	GR1TX	Grit	Q16A	Canyonlands National Park, Moab
MKC	Moncks Corner		HDBT	Hernando Bdrge	GR2TX	Grit	S14A	Castle Valley Ranch, Emery
MTT	Monetta		HOPT	Hopper	427A	Hayter Ranch, Fort Stockton	CCU	Cedar City
MR01	Monticello Reservoir Site 1		HHT	Hurricane Hollow	HE-	Hempstead	CVE	Cedar Cove
MR10	Monticello Reservoir Site 10		JS-TN	Jackson	HE-TX	Hempstead	CMU	Cedar Mountain
MR02	Monticello Reservoir Site 2		HPKT	Knoxville	HKT	Hockley	CPU	Coon Peak
MR03	Monticello Reservoir Site 3		LF-	La Follette	HOU	Houston	CFU	Cove Fort
MR04	Monticello Reservoir Site 4		LF-TN	La Follette	HET	Houston--Electro-Tech	R19A	Curley Farm, La Sal
MR05	Monticello Reservoir Site 5		DY2	Lassiter	425A	Indio Mountain, Van Horn	DAU	Daniels Canyon
MR06	Monticello Reservoir Site 6		LTN	Lennox	JRTX	Jordan Ranch	DCU	Deer Creek Reservoir
MR07	Monticello Reservoir Site 7		LNXT	Lenox	JCT	Junction City	DBD	Des Bee Dove
MR08	Monticello Reservoir Site 8		LE	Lewisburg	JU-TX	Juno	P14A	Drum Mountains (BLM), Topaz
MR09	Monticello Reservoir Site 9		LE-TN	Lewisburg	JU-	Juno	DWU	Dry Willow Peak
MMCS	Mount Moriah Church		LMTN	Little Mountain	KM3	Kermitt	DCM	Dugout Coal Mine
ZIN	Mount Zion Church		LRKT	Look Rock	KTE	Kermitt	DUG	Dugway
NHSC	New Hope		MX-TN	Manchester	KTT	Kermitt	EPU	East Promontory
NHS	North Hampton		MX-	Manchester	KTX	Kermitt	ETU	East Traverse Mountains
VEW	Oceanview		MVLT	Maryville	KM5	Kermitt	ELU	Electric Lake
OSC	Orangeburg		MM-	McMinnville	KM2	Kermitt	EMUT	Emma Park
OSB	Orangeburg		MM-TN	McMinnville	KIE	Kermitt	FM-	Fillmore
PRM	Parsons Mountain		MPH	Memphis	KIT	Kermitt	FM-UT	Fillmore
PPS	Pierpont		MET	Memphis--Engineering Building	KKT	Kermitt	Q15A	Fillmore
PBS	Pigeon Bay		MLT	Milan	KM9	Kermitt	FSU	Fish Springs
PBF	Porcher Bluff		MLNT	Millington	KM6	Kermitt	FGU	Flaming Gorge
RGRS	Roger Stewart		MFTN	Millsfield	KME	Kermitt	FLA	Flat
ROW	Rowesville		MIST	Miston	428A	Kincaid Ranch, Fort Stockton	FLU	Fool Peak
SGS	Saint George		MOTN	Model	KVTX	Kingsville	FDU	Ford Ridge
SRPD	Savannah River		NKT	Nankipoo	LTX	Lajitas	P16A	Fountain Green
SRPW	Savannah River		NAIN	Natchez Trace	TXAR	Lajitas Array Beam Reference Point	FPU	Francis Peak
SRPN	Savannah River		NATN	Natchez Trace	TX10	Lajitas Array Site 10	GRD	Gardner Farm
SBK	Seabrook		DY5	Near Lassiter	TX02	Lajitas Array Site 2	GMU	Granite Mountain
SMMS	Six Mile Mountain		NAIT	NWS Agricenter	TX03	Lajitas Array Site 3	N14A	Grayback Hills BLM, Clive
SVS	Slandsville		OKG	Oak Grove	TX04	Lajitas Array Site 4	GZU	Grizzly Peak
SMSC	Smeltzer Mountain		ORT	Oak Ridge	TX05	Lajitas Array Site 5	GSUT	Gun Site Peak
SMA	Summerton		OGTN	Old Graveyard	TX06	Lajitas Array Site 6	HLJ	Hailstone
C1SC	The Citadel Site 1		ONTN	Oneida	TX07	Lajitas Array Site 7	R17A	Hanksville Airport, Hanksville
C2SC	The Citadel Site 2		OHTN	Owl Hoot	TX08	Lajitas Array Site 8	HVU	Hansel Valley
TWB	Tillmans-Whites Bay		PB-	Parsons	TX09	Lajitas Array Site 9	HRUT	Hardware Ranch
TRK	Turkey Creek		PB-TN	Parsons	TX31	Lajitas Ar. Site	HWUT	Hardware Ranch
VSC	Varnville		PDTN	Piedmont	TX00	Lajitas Ar. Site	S19A	Harvey Farm, Monticello
VRN	Varnville		RALT	Raleigh	LTB3	Lajitas B3	HEB	Heber
WSS	West Ashley		RHT	Red Hill	LP-TX	La Pryor	Q13A	Hicks Ranch, Ibabah
WMS	West Middle School		RDST	Rhodes College	LP-	La Pryor	Q19A	Hogan Spring (BLM), Cisco
BG3			RCT	Riceville	LUB	Lubbock	HRU	Hogback Ridge
South Dakota			SHTN	Sandy Hook	MTX	Marathon	S13A	Holt Ranch, Enterprise
AY-	Academy	AY-SD	SWET	Sewanee	526A	Mary Lane Ranch, Marfa	HONU	Honeyville
AY-SD	Academy		SWTN	Sewanee	MOT2	McDonald Obs.	HCU	Horse Canyon
RSSD	Black Hills		SFTN	Shelby Forest	MOT1	McDonald Obs.	HTU	Hoyt Peak
CO-SD	Colome	CO-SD	SMTN	Short Mountain	MOT3	McDonald Obs.	M16A	Huntsville
CO-	Colome		SLTN	Sullivan	MOT4	McDonald Obs.	T14A	Hurricane
DL-SD	Dell Rapids	DL-SD	GILT	SW Tenn Gill Cnt	MOT	McDonald Observatory	S18A	Hurst Farm, Blanding
DL-	Dell Rapids		TZTN	Tazewell	426A	McDonald Observatory, Fort Davis	HDU	Hyde Park
EBS	Eagle Butte		TLT	Tellico Plains	MSUEL	Midwestern State University	ICU	Indian Springs Canyon
ECSD	EROS, Sioux Falls		TCT	Tennessee City	MT3	Miller Ranch	IMU	Iron Mountain
LEA	Lead		TIPT	Tiptonville	324A	Moseley Ranch, Sierra Blanca	R14A	James Farms, Milford
MC-	Mitchell	MC-SD	DY3	Tiptonville	MTX	Marathon	N19A	John Jarvie Ranch (BLM), Flaming Gorge
MC-SD	Mitchell		TSTN	Townsend	NATX	Nacogdoches	JLU	Jordanelle
RCD	Rapid City		TQTN	Tranquillity	NLSM	New Salem	R15A	Junction
RG-	Redig	RG-SD	TKL	Tuckaleechee Caverns	PO-	Post	KN-	Knab
RG-SD	Redig		UGRT	Union Grove	PO-TX	Post	KN-UT	Knab
SX-SD	Salem	SX-SD	UTMT	University of Tennessee at Martin	PRST	Prospect	KNB	Knab
SX-	Salem		UTMA	University of Tennessee at Martin	SA4	San Angelo	KLJ	Keely
SY-	Stickney	SY-SD	UTM	University of Tennessee at Martin	SA2TX	San Angelo	KDUT	Kidman Hollow
SY-SD	Stickney		VHTN	Van Hill	SA2TX	San Angelo	LDJ	Lady
WN-SD	Winner	WN-SD	WT-	Wartburg	SA4TX	San Angelo	LMU	Lake Mountain
WN-	Winner		WT-TN	Wartburg	SS-	Sanderson	LSU	Lake Shores
Texas			WWT	Waverly	SS-TX	Sanderson	N18A	Larsen Ranch, Manila
AZ-TX	Amarillo		WMTN	White Oak Mountain	SJ-TX	San Jose	M15A	Larsen Ranch, Promontory
AMTX	Amarillo		HDAR	W Memph W Sta	SJ-	San Jose (USA)	P15A	Leamington
AZ-	Amarillo	AZ-TX	WYBT	Wynnborg	SM-TX	Seymour	LEE	Leeds
ATX	Austin		ZZT	Zu Zu	SM-	Seymour	LDS	Leeds
ARP	Arp		Texas		SK-	Shamrock	LEVU	Levan
ABTN	Auburntown		AZ-TX	Amarillo	SK-TX	Shamrock	LVU	Levan Peak
ASTN	Avondale Springs		AMTX	Amarillo	SB1	Sierra Blanca Array Site 1	LTU	Little Mountain
BCRT	Bacon Ridge		AZ-	Austin	SB2	Sierra Blanca Array Site 2	LOG	Logan
BSPT	Big Springs		ATX	Austin	SB3	Sierra Blanca Array Site 3	LBUT	Lower Browns Hole
BFMT	Birchfield Mountain		AUS	Austin	ST2TX	Streeter	LWA	Lower Mag Wash
BHT	Blowhole		BM-TX	Balmorhea	ST1	Streeter	LSUT	Lucky Star
BBTN	Blue Bank Bayou		BM-	Balmorhea	ST2	Streeter	MWA	Mag Wash
BRTN	Brown Mountain		327A	Balmorhea Ranch, Pecos	ST4	Streeter	MPU	Maple Canyon
BKHT	Bunker Hill		BUTX	Baylor University	ST1TX	Streeter	MSU	Marysvalle
CA-TN	Caryville	CA-TN	325A	Bean Ranch, Sierra Blanca	ST4TX	Streeter	MVU	Marysvalle
CA-	Caryville		626A	Big Bend Ranch, Presidio	627A	Terlingua Ranch, Terlingua	MGU	Meadow Creek Golf Course
CV-	Centerville	CV-TN	628A	Black Gap, Marathon	TTX	Tres Cuevas	T18A	Mexican Hat
CV-TN	Centerville		MT1	Boracho Peak	WP-TX	Wills Point	MHD	Mile High Drive
CUET	Cent US Eq Cons		MT4	Brite Ranch	527A	Woodward Ranch, Alpine	MNU	Milford North
CBHT	Chr Bro Hi School		326A	Caldwell Ranch, Toyah	328A	Wristen Ranch, Grandfalls	O19A	Miners Draw (BLM), Jensen
CBT	Christianburg		CGTX	Campo Grande	ZAV	Zavalia	MMU	Miners Mountain
CHTN	Church Hills		CEC	Childress 1	CCUT	Cedar City	N17A	Moffit Pass
CSPT	Cold Springs		CNE	Childress 2	EVIN	Evansville	MCU	Monte Cristo Peak
COTN	Columbia		CNO	Childress 3	HAIL	Harrisburg (Southeastern Illinois College)	MTUT	Morton Thiokol
CRTN	Comb Ridge		CNW	Childress 4	LTL	Livingston	MOUT	Mount Ogden
CPCT	Cooper Cave		CSE	Childress 5	OLIL	Olney	NAIU	Northern Antelope Island
CVTN	Covington		CSW	Childress 6	Utah	Utah	NLU	North Lily Mine
CCRT	Cow Camps Rge		CWT	Childress 7	AAU	Alta	NMUT	North Mineral Mountain
CS-TN	Crossville	CS-TN	CMTX	Cooper Mountain	AMF	American Fork	NOQ	North Oquirrh Mountains
CS-	Crossville		MNTX	Cornudas Mountains	ANU	Antelope Island	NSU	North Stansbury
CGTN	Cumberland Gap		224A	Corundas Mountain, Dell City	ARUT	Antelope Range	OGU	Ogden Bay
CPOS	Cumberland Plat.	CPOT	528A	Cox Ranch, Sanderson	ARGU	Argyle Ridge	R13A	O'Grain Ranch, Modena
			DLS	Dallas	BAP	Bailey Peak	OWUT	Old Woman Plateau
			DAL	Dallas	BTU	Barney Top		
			DNT	Denton				

Code	Station Name	Other	VNL	Vernal	FRT	Faratahi	EME	Emae
M22A	Cedar Creek Ranch, Saratoga		Veracruz		NAE	Nake (Tuamotu)	EPI	Epi
CY-WY	Cheyenne		POHV	Veracruz	OTP	Otepa	INH	Isangel
CY-	Cheyenne	CY-WY	Washington		PMO	Pomariorio	LMP	Lamap
L17A	Cokeville		ALKI	Alki Wastewater Plant	PMOR	Pomariorio Reef	LNR	Lonorore
COLW	Colter Canyon		ANSS-SMO		RVU	Rauvai	LUG	Luganville
I18A	Diamond G Ranch, Dubois		ACES	Army Corps of Engineers Seattle	TPT	Tiputa	MBV	Mont Bernier
YPPE	East Entrance		BSFP	Boeing Fire Protection	VAH	Vaihoa	PVC	Port Vila
L22A	Ellis Ranch, Medicine Bow		EVCC	Everett College	Tubuai		RTV	Rentapao
L19A	Farson		EVGW	Everett Gateway	TBI		SWB	Southwest Bay
FLWY	Flagg Ranch		GTWN	Georgetown Playfield			TANV	Tanna
L18A	Fontenelle, Green River		ANSS-SMO		Hawaiian Islands		VLN	Vanua Lava
K17A	Gardner Place, Afton		GRCC	Green River Community College BBO	Midway Islands			
TARW	Grand Targhee Resort		HART	Harbor Island ANSS-SMO	MDY	Midway		Wake Island
YPGV	Grant Village		HICC	Highline Community College ANSS-SMO	MIDW	Midway		WKE
H17A	Grant Village (NPS), Yellowstone Nt. Park		HUBA	Hudson Bay High School ANSS-SMO	Johnston Island			WAKE
HK-WY	Hawk Springs	HK-WY	NIHS	Ingelmoor High School	JN-IS	Johnston Island		
HK-	Hawk Springs		SSS1	John Stanford Center	JOHN	Johnston Island		
HAYW	Haystack Fork		KNEL	Kent Elementary				
YHH	Holmes Hill		LYNC	Lynnwood City Hall				
YPHS	Hot Springs Basin		MNWA	Manchester	Kiribati			
IMW	Indian Meadow		MPL	Maple valley SMO-IDS24	XMAS	Kiritimati		
JLDW	Jackson Lake Dam		MEAN	Meany Midle School	Kiribati (Gilbert Islands)			
YJC	Joseph's Coat		MEGW	Megler CREST BB SMO	TARA	Tarawa		
KSWY	Kelly School		VALT	Mount Saint Helens Crater	Line Islands			
J18A	Kendall Valley, Cora Lake		MSH31	Mount St. Helen	FAN	Fanning Island		
LKWY	Lake Butte		OPC	Olympic Penn College	JN-	Johnston I.	JN-IS	
YPLB	Lake Butte		PSNS	PSNS Bremerton SMO	PR-	Palmyra I.	PR-IS	
YPLA	Lake Junction		PAYL	Puyallup School	PR-IS	Palmyra Island		
YPLK	Lake Junction		P403	Sandy Floe Quarry	Phoenix Islands			
LAR	Laramie		SVOH	Skagit Valley Community College	KNTN	Kanton		
YLT	Little Thumb Creek		SWFL	Southwest Flank Mount				
LOHW	Long Hollow		SWID	South Whidbey SD	Marquesas archipelago			
M18A	Lyman		SPN5	Spine 5 MSH Spider	TAOE	Nuku Hiva Island		
MJW	Madison Junction		SNIO	Spokane Nat. Inst.				
YMR	Madison River		SFER	Spokane Schools, Ferris High School	Marshall Islands			
MHS	Mammoth Hot Springs		SHLY	Spokane Temp K2 (Swanson)	EW-	Eniwetok	EW-IS	
YMV	Mammoth Vault		BOLM	Sugar Bowl	EW-IS	Eniwetok		
YMC	Maple Creek		SMNR	Sumner High School	KWAJ	Kwajalein Atoll		
YPM	Mary Lake		TRW	Toppenish Ridge				
YML	Mary Lake		SVTR	Two Rivers School, Snoqualmie Valley	Micronesia			
YMP	Mirror Lake Plateau		UWFH	University of Washington Friday Harbor	Caroline Islands			
MOOW	Moose Ponds		VVHS	Vashon High School SMO	PATS	Pohnpei		
YMS	Mount Sheridan		WWHS	Walla Walla High School ANSS SMO	TRU	Truk		
MVW	Mud Volcano				New Caledonia			
YNB	Natural Bridge				Loyalty Islands			
NJW	Norris Junction				OJA	Ouanaham		
YNR	Norris Junction				KOU	Kouamak		
YFT	Old Faithful				PLUM	Mont Dore		
YPOF	Old Faithful				DZM	Mont Dzumac		
PACW	Pacific Creek				ONTRN	Noumea		
YPPC	Pelican Cone				NORM	Noumea		
I17A	Pilgram Creek (NPS), Teton National Park				NOU	Noumea		
PHWY	Pilot Hill				MVNO	Noumea		
PHWY1	Pilot Hill -- Preliminary Site				LASL	Noumea		
PIN	Pinedale	PI-WY			NOC	Noumea		
PI-	Pinedale				NOUC	Port Laguerre		
PI-WY	Pinedale				BAYA	Yate Dam		
PI2WY	Pinedale							
PI1	Pinedale				North Pacific Ocean			
PI2	Pinedale				Guatemala Basin			
PI3	Pinedale				GB02	Guatemala Basin O.B.S. 2		
PI4	Pinedale				GB03	Guatemala Basin O.B.S. 3		
PI5	Pinedale				GB04	Guatemala Basin O.B.S. 4		
PI6	Pinedale				GB05	Guatemala Basin O.B.S. 5		
PI7	Pinedale				GB06	Guatemala Basin O.B.S. 6		
PDAR	Pinedale Array Beam Ref. Point				GB07	Guatemala Basin O.B.S. 7		
PD01	Pinedale Array Site 1				GB08	Guatemala Basin O.B.S. 8		
PD10	Pinedale Array Site 10				GB01	Guatemala OBS 1		
PD11	Pinedale Array Site 11				H2O	Hawaii-2 Observatory		
PD12	Pinedale Array Site 12							
PD13	Pinedale Array Site 13				Palau			
PD02	Pinedale Array Site 2	PDAR			Caroline Islands			
PD03	Pinedale Array Site 3				KOR	Koror		
PD31	Pinedale Array Site 31				PALU	Palau		
PD04	Pinedale Array Site 4				PLA	Palau		
PD05	Pinedale Array Site 5							
PD07	Pinedale Array Site 7				Pitcairn Island			
PD08	Pinedale Array Site 8				PTCN	Pitcairn Island		
PD09	Pinedale Array Site 9							
PDIAR	Pinedale Infrasonic Array Beam Reference Point				Samoa Islands			
YPP	Pitchstone Plateau				AFI	Afiamalu		
PMW	Pole Mountain				API	Apia		
PM-WY	Pole Mountain							
PM-	Pole Mt.	PM-WY			Solomon Islands			
YPM	Purple Mountain				AUK	Auki		
RAMW	Rammel Mountain				GIZ	Gizo		
RWWY	Rawlins				HNR	Honiara		
L21A	Rawlins				LBT	Labete		
REDW	Red Top Meadow				RKS	Reko		
M19A	Rock Springs				SVO	Savo		
M17A	Scullys Gap (BLM), Evanston				VSG	Visale		
M21A	Separation Peak, Rawlins							
SNOW	Snow King Mountain				Tonga			
YPSB	Soda Butte				NIU	Niumate		
YPSB	South Entrance				NUK	Nuku'alofa		
STEW	Steamboat Mountain				TEK	Teekin		
M20A	Sweetwater, Wamsutter				TNGT	Tongatapu		
TPAW	Teton Pass				VAVA	Vava'u		
YTP	The Promontory							
TL-WY	Thermopolis				Tuvalu (Ellice Islands)			
K18A	Toltan Ranch, Big Piney				FUNA	Funafuti		
YTC	Trail Creek							
TRXW	Triangle-X Ranch				Vanuatu			
YPTB	Twin Buttes				BKM	Butte a Klehm		
WUWY	Wally Ulrich				DVP	Devils Point		
L20A	Wamsutter							
WTW	West Thumb							
WYO	Wyoming Array	WYO						
WYO	Wyoming Array							
K20A	Yellowstone Ranch, Lander							
Utah								
HMU	Henry Mountain							
LHUT	Little Humpty Peak							
MBUT	Moab							
RPF	Rose Park Fire Station, Salt Lake City, UT							

Code	Station Name	Other	TUV	Trujillo
TRSB	Teresina		TURV	Turiamo
			UAV	Universidad de los Andes
			GUAN	Valle de Guanape
			VIRV	Villa del Rosario
Santiago				
LACH	Colegio Las Americas			
YECH	El Yeso			
Venezuela				
ALTV	Alturitas			
ANGV	Angostura			
BLV	Bailadores			
BARV	Barcelona			
BRIV	Barinas			
BAUT	Bautismo			
BETV	Betijoque			
BIRV	Birongo			
BOTV	Botiquin			
CABA	Caballo Blanco			
CAOV	Caicara del Orinoco			
CAIV	Caiguire			
CLCV	CALICANTO			
CAMV	Campeare			
CAPV	Capacho			
CAR	Caracas			
CRUV	Carupano			
CSV	Casigua			
CATA	Catuario Arriba			
CANV	Cerro Antonio			
CEDI	Cerro Diablo			
CEOS	Cerro El Oso			
ELMO	Cerro Moro			
CERV	Cerron			
CENE	Cerro Negro			
GTV	Cerro Toribio			
CUPV	Cu@15pira			
CUM	Cumana			
COAV	Cumanacoa			
CURV	Curarigua			
DABV	Dabajuro			
BAUV	El Baul			
CAFV	EL CAFE			
GURV	El Guri			
EHV	El Hato			
LLAV	El Llanito			
GMV	El Manteco			
ELOV	Elorza			
PAUV	EL PAUJM			
PRAV	El Prado			
TGRV	El Tigre			
TOV	El Tocuyo			
VIGV	El Vigia			
VOLV	El Volcan			
FIPE	Fila de Piedra			
ELPA	Fila Paraiso			
FDCV	FORTIN DE LA CUMBRE			
FUNV	FUNVISIS			
GUAC	Guacamaya			
GUNV	Guanoco			
GUIV	Guiria			
GUV	Guri			
GUV2	Guri Network			
GUV4	Guri Network			
GUV5	Guri Network			
GUV1	Guri Network			
GUV3	Guri Network			
INTV	Intevop			
IAV	Isia Aves			
IBAV	Isia La Blanquilla			
ORCV	Isia La Orchila			
IMOV	Isia Los Monjes			
ITEV	Isia Los Testigos			
IVIV	IVIC			
JACV	Jacura			
AGV	La Aguada			
CEIV	La Ceiba			
LACU	La Cuchilla			
CUV	La Culata			
LADA	La Danta			
LAGU	Laguneta			
LAGV	Lagunillas			
LGN	Lagunillas			
LAPE	La Pedrera			
MERV	Las Mercedes			
OLLA	Las Ollas			
TORT	La Tortuga			
LAU	La Urbina			
LEV	Loma de el Viento			
LORO	Los Roques			
LUEV	Luepa			
GMC	Macagua			
MCHV	Machiques			
MANV	Manamana			
MARA	Maracay			
MISV	Misosa			
MOLL	Mollejon			
MONV	Montecano			
MORO	Morrocay			
OCUV	OCUMARITO			
ORIV	Oritupano			
PALR	Palma Real			
PALM	Palmichal			
OSV	Paramo de la Osa			
PDMV	Paramo Marino			
PARV	Pariaguan			
PRGV	PARIAGUAN			
EAV	Pico El Aguila			
PMV	Pico Espejo			
PLAV	Platillon			
POTV	Potrerito			
PAYV	Puerto Ayacucho			
PLCV	Puerto La Cruz			
PCRV	Puerto La Cruz			
QARV	Quebrada Arriba			
RIOV	Rio Grande			
FISA	Sacuragua			
SAJV	Sajaritas			
SANV	Sanarito			
SCRV	San Cristobal			
LORV	San Lorenzo			
ISAV	Santa Isabel			
SRV	Santa Rosalia			
SDV	Santo Domingo			
SIPV	Sipayare			
SIQV	Siquisique			
SIR	Siria			
SOCV	Socops			
TEPV	Terepaima			
TIOV	TMO PEDROTE			
TORV	Torococo			
PALV	Tres Palos			

AGENCIES REPORTING EPICENTRAL ESTIMATES

AAE	ADIS ABEBA. Geophysical Observatory, Adis Abeba University, PO Box 1176, Adis Abeba, Ethiopia.
AEIC	ALASKA EARTHQUAKE INFORMATION CENTER. Geophysical Institute, University of Alaska Fairbanks, P.O. Box 757320, Fairbanks AK 99775-7320, U.S.A..
ALG	ALGIERS UNIVERSITY. Institut de Meteorologie et de Physique du Globe, Boite Postale 1137, Alger, Algeria.
ASIES	INSTITUTE OF EARTH SCIENCES, ACADEMIA SINICA, CHINESE TAIPEI. POB 1-55, Nankang, 11529,
ATH	ATHENS. Seismological Institute, National Observatory of Athens, P.O. Box 20048, GR118 10 Athens, Greece.
AUST	AUSTRALIA. Geoscience Australia, PO Box 378, Canberra ACT 2612, Australia.
BEO	BELGRADE. Republički seizmološki zavod - Seismological Survey of Serbia, Park Tasmajdan, P.O.Box 16, 11000 Beograd, Serbia.
BER	UNIVERSITY OF BERGEN. Institute of Solid Earth Physics, Allegt. 41, 5007, Bergen, Norway.
BGR	BUNDESANSTALT FUER GEOWISSENSCHAFTEN UND ROHSTOFFE. Stilleweg 2, D-30655 Hannover, Germany.
BGS	BRITISH GEOLOGICAL SURVEY. Global Seismology Unit, Murchison House, West Mains Road, Edinburgh, EH9 3LA, United Kingdom.
BJI	BEIJING. Institute of Geophysics, China Earthquake Administration, P.O. Box 8116, Beijing 100081, China.
BNS	BENSBERG. Erdbebenstation, Geologisches Institut der Universitat Koln, Vinzenz-Pallotti-Strasse 26, 51429 Bergisch Gladbach, Germany.
BUK	BUCHAREST. National Institute for Earth Physics, Seismological Department, PO Box MG-2, 76900, Bucharest-Magurele, Romania.
BUG	BOCHUM. Ruhr-Universitat Bochum, Institut fur Geophysik, 44780 Bochum, Germany.
BUT	BUTTE. Montana Bureau of Mines and Geology, Butte, MT 59701, U.S.A..
BYKL	GS SIBERIAN BRANCH RAS, BAYKAL REGIONAL SEIS. CENTRE, IRKUTSK. Lermontov str., 128, Irkutsk-33, RUSSIA 664033, Russia.
CAR	CARACAS. Instituto Sismologico, Apartado 6745, Caracas 1010A, Venezuela.
CASC	CENTRAL AMERICAN SEISMIC CENTER. Escuela Centroamericano de Geologia, Universidad de Costa Rica, San Jose, Costa Rica.
CERI	CENTER FOR EARTHQUAKE RESEARCH AND INFORMATION. Memphis University, Memphis, TN 38152, (formerly TEIC Tennessee Earthquake Information Center), U.S.A..
CNRM	CENTRE NATIONAL DE RECHERCHE. B.P. 1346, R.P. Rabat, Morocco.
COSMO	CONSORTIUM OF ORGANIZATIONS FOR STRONG MOTION OBSERVATIONS. COSMOS Office, Pacific Earthquake Engineering Research Center, University of California, Berkeley, 1301 South 46th Street, Richmond, CA 94804-4698, U.S.A..
CRAAG	CENTRE DE RECHERCHE EN ASTRONOMIE, ASTROPHYSIQUE ET GEOPHYSIQUE. CRAAG, ALGIERS, Algeria.
CSC	UNIVERSITY OF SOUTH CAROLINA. University of South Carolina, South Carolina Seismic Network, Department of Geological Sciences, Columbia, SC 29208, U.S.A..
CSEM	CENTRE SISMOLOGIQUE EURO-MEDITERRANEEN. Centre Sismologique Euro-Mediterraneen, c/o LDG, BP12, 91680 Bruyeres-le-Chatel, France.
DHMR	DHAMAR. National Seismological Observatory Center, P.O. Box 87175, Dhamar, Yemen.
DJA	DJAKARTA. Badan Meteorologi dan Geofisika, Jln. Angkasa I/2 Kemayoran, Jakarta Pusat 10720, Indonesia.
DMN	NEPAL. Department of Mines and Geology, Ministry of Industry, Lainchour, Kathmandu, Nepal.
ECX	RED SISMICA DEL NOROESTE DE MEXICO (RESOM). Centro de Investigacion Cientifica y de Educacion Superior de, Ensenada (CICESE), Aptdo. Postal 2732, Ensenada, Baja California, Mexico.
FDL	FORT DE FRANCE. Part of TRN network, Martinique.
FIA0	FINESSA. , Finland.
FUNV	FUNVISIS. Fundacion Venezolana De Investigaciones Sismologicas, Apartado 76880, Caracas 1070-A, Venezuela.
GCG	GUATEMALA. Instituto Nacional de Sismologia, Vulcanologia, Meteorologia e Hidrologia, (INSIVUMEH), 7a avenida 14-57 Zona 13, 1013, Guatemala.
GEN	GENOA. Dipartimento per lo studio del Territorio e delle sue Risorse, Sezione Geofisica, Universita di Genova, Viale Benedetto XV, 5, 16132 Genova, Italy.
GFZ	GEOFORSCHUNGSZENTRUM (GFZ) POTSDAM. Section 2.4, Seismology, GEOFON Program, Telegrafenberg, 14473 Potsdam, Germany.
GII	THE GEOPHYSICAL INSTITUTE OF ISRAEL. P.O.B 182, Lod 71100, Israel.
GRAL	NATIONAL COUNCIL FOR SCIENTIFIC RESEARCH. National Centre for Geophysical Research, National Council for Scientific Research, P.O.Box 16-5432, Beirut 1100-2040, Lebanon.
GUC	GEOFISICA UNIVERSIDAD DE CHILE. Servicio Sismologico Universidad de Chile, Blanco Encalada 2085, Casilla 2777, Santiago, Chile.
HEL	HELSINKI. Institute of Seismology, University of Helsinki, P.O. Box 26, Teollisuukatu 23, FIN-00014, Helsinki, Finland.
HLW	HELWAN. National Research Institute of Astronomy and Geophysics, Helwan, Cairo, Egypt.
HON	HONOLULU. NOAA, Pacific Tsunami Warning Center, Honolulu, Hawaii, U.S.A..
HRVD	HARVARD UNIVERSITY. Department of Geological Sciences, Harvard University, Cambridge, MA 02138, U.S.A..
ICE	INSTITUTO COSTARRICENSE DE ELECTRICIDAD. San Jose, Costa Rica.
IDC	THE INTERNATIONAL DATA CENTRE. CTBTO Preparatory Commission, Vienna International Centre, PO Box 1200, A-1400 Vienna, Austria.
IGIL	INSTITUTO GEOFISICO DO INFANTE D.LUIZ. Instituto Geofisico do Infante D.Luiz, Universidade de Lisboa, R. Escola Politecnica, 58, 1269-102 Lisboa, Portugal.
IGQ	INSTITUTO GEOFISICO QUITO. Instituto Geofisico, Escuela Politecnica Nacional, P.O.Box 17012759, Quito, Ecuador.
INET	NICARAGUA. Direccion de Geofisica, Instituto Nacional de Estudios Territoriales (INETER), Apartado 1761, Managua, Nicaragua.
INMG	LISBON. Instituto de Meteorologia, Rua C ao Aeroporto, 1700 Lisboa, Portugal.
IPEC	USTAV FYZIKY ZEME. Masaryk University, Brno, Czech Republic.
ISCJB	INTERNATIONAL SEISMOLOGICAL CENTRE. Pipers Lane, Thatcham, Berkshire RG19 4NS, United Kingdom.
ISK	ISTANBUL. Kandilli Observatory and Research Institute, Bogazici University, Cengelkoy, 81220, Istanbul, Turkey.
JMA	JAPAN METEOROLOGICAL AGENCY. Ote-Machi, Chiyoda-Ku, Tokyo, Japan.
JSN	JAMAICA SEISMIC NETWORK. University of the West Indies, Department of Geology, Seismic Research Unit, Mona, Kingston 7, Jamaica.
JSO	JORDAN SEISMOLOGICAL OBSERVATORY. Natural Resources Authority, P.O. Box 7, Amman, Jordan.
KISR	KUWAIT INSTITUTE FOR SCIENTIFIC RESEARCH. P.O. Box 24885, Safat, 24885, Kuwait.

KMA	KOREA METEOROLOGICAL ADMINISTRATION. Earthquake Division, 460-18 Sindae-bang-dong Dongjak-gu, Seoul 156-720, Republic of Korea.
KNET	IVTRAN SCIENTIFIC STATION. Bishkek - 49, Kyrgyzstan.
KRSC	KAMCHATKA. Kamchatkan Experimental and Methodical Seismological Department, Geophysical Service, RAS (KEMSC GS RAS), 9 Piip Boulevard, Petropavlovsk-Kamchatsky, 683006, Russia.
LDG	LABORATOIRE DE DETECTION ET DE GEOPHYSIQUE. Section Traitement de Donnees Geophysique, B.P. 12, 91680 Bruyeres-le-Chatel, France.
LDO	LAMONT-DOHERTY EARTH OBSERVATORY. Seismology Department, Lamont-Doherty Geological Observatory, Palisades, NY 10964, U.S.A..
LEDBW	LANDESAMT FUER GEOLOGIE, ROHSTOFFE UND BERGBAU BADEN-WUERTEMBERG. Landesamt fuer Geologie, Rohstoffe und Bergbau Baden-Wuerttemberg Erdbebendienst, Albertstrasse 5, D-79104 Freiburg i. Br., Germany.
LIM	LIMA.
LIS	LISBON. Instituto de Meteorologia, Rua C ao Aeroporto, 1700 Lisboa, Portugal.
LIT	GEOLOGICAL SURVEY OF LITHUANIA. S. Konarskio 35, LT-2600 Vilnius, Lithuania.
LJU	LJUBLJANA. Environmental Agency of the Republic of Slovenia, Seismology Office, Dunajska 47/VII, SI-1000 Ljubljana, Republic of Slovenia.
MAN	PHIVOLCS, PHILIPPINE INSTITUTE OF VOLCANOLOGY AND SEISMOLOGY. PHIVOLCS Building, C. P. Garcia Avenue, University of the Philippines Campus, Diliman, Quezon City, 1100, Philippines.
MDD	MADRID. Instituto Geografico y Catastral, Servicio de Sismologia e Ingenieria Sismica, Calle del General Ibanez de Ibero 3, Apartado 3007, Madrid 3, Spain.
MEX	MEXICO. Servicio Sismologico Nacional, Instituto de Geofisica, Universidad Nacional Autonoma de Mexico, Ciudad Universitaria, Del. Coyoacan, C.P. 04510, Mexico D.F., Mexico.
MOLD	INSTITUTE OF GEOPHYSICS AND GEOLOGY. Chisinau, Moldova.
MOS	MOSCOW. Geophysical Survey of Russian Academy of Sciences, 249020, Kaluga region, Obninsk, Lenin str., 189, Russia.
MRB	INSTITUT CARTOGRAFIC DE CATALUNYA. Parc de Montjuic, 08038 Barcelona, Spain.
NAO	NORSAR. P.O. Box 53, N-2027 Kjeller, Norway.
NCEDC	NORTHERN CALIFORNIA EARTHQUAKE DATA CENTER. University of California, Berkeley and US Geological Survey, Menlo Park, http://quake.geo.berkeley.edu/ncedc , U.S.A..
NDI	DELHI. India Meteorological Department, Lodi Road, New Delhi, India.
NEIC	NATIONAL EARTHQUAKE INFORMATION CENTER. U.S. Geological Survey Stop 967, National Earthquake Information Center, DFC, Denver CO 80225-0046, U.S.A..
NERS	GSRAS,NORTH EASTERN REGIONAL SEISMOLOGICAL CENTRE,MAGADAN,RUSSIA. 685024 Magadan,Skuridin str.,6-b,Russia, Russia.
NIC	NICOSIA. Ministry of Agriculture Natural Resources and Environment, Geological Survey Department, Seismological Section, 1415 Nicosia, Cyprus.
NIED	NATIONAL RESEARCH INSTITUTE FOR EARTH SCIENCE AND DISASTER PREVENTION. 3-1 Tennodai, Tsukuba, Ibaraki 305-0006, Japan.
NNC	KAZAKHSTAN NATIONAL DATA CENTER. IGR NNC RK, Chaikinoy str., 4, 480020, Almaty, Kazakhstan.
NSSC	NATIONAL SYRIAN SEISMOLOGICAL CENTER. Ministry of Petroleum and Mineral Resources, Damascus, Syria.
NSSP	NATIONAL SURVEY OF SEISMIC PROTECTION. Davidashen 4 Massiv, 375054 Yereven,Armenia, Armenia.
OMAN	SULTAN QABOOS UNIVERSITY. College of Science, P.O. Box 36, 123 Al Khod, Oman.
ORF	ORFEUS DATA CENTER (ODC). P.O. Box 201, 3730 AE De Bilt, Netherlands.
OTT	OTTAWA. National Earthquake Hazards Program, Natural Resources Canada, 7 Observatory Crescent, Ottawa, Ontario K1A 0Y3, Canada.
PAS	PASADENA. California Institute of Technology, Seismological Laboratory, Pasadena, CA 91125, U.S.A..
PDA	PONTA DELGADA. Universidade dos Acores, Departamento de Geociencias, Ponta Delgada, Azores.
PDG	PODGORICA. Seismological Institute of Montenegro. 81000 R. Burica 2, Podgorica, (Previously Titograd (TTG)), Montenegro.
PGC	PACIFIC GEOSCIENCE CENTRE. 9860 West Saanich Road, P.O. Box 6000, Sidney, British Columbia, V8L 4B2, Canada.
PLV	HANOI. National Center for Scientific Research, Hanoi, Vietnam.
PNSN	PACIFIC NORTHWEST SEISMIC NETWORK. Department Earth and Space Sciences, University of Washington, Box 351310, Seattle, WA 98195, U.S.A..
PPT	PAPEETE. Laboratoire de Giophysique, C.E.A. D.A.S.E. L.D.G./Pamatai, B.P. 640 Papeete 98713, French Polynesia.
PRE	PRETORIA. Council for Geoscience, 280 Pretoria Street, Silverton, Pretoria, South Africa.
PRU	PRUHONICE. Geophysical Institute, Academy of Sciences of the Czech Republic, Bocni II/1401, 14131 Prague, Czech Republic.
REN	UNIVERSITY OF NEVADA. MacKay School of Mines, University of Nevada, Reno, NV 89507, U.S.A..
REY	REYKJAVIK. Vedurstofa Islands, Reykjavik, Iceland.
ROM	ROME. Istituto Nazionale di Geofisica, Via Vigna Murata 605, 00143 Roma, Italy.
RSPR	RED SISMICA DE PUERTO RICO. Geology Department, University of Puerto Rico, Mayaguez Campus, Box 9017, Mayaguez, PR 00681 9017, U.S.A..
SAR	SARAJEVO. Seismological Station, Hydrometeorological Institute, Grdonj 36, P.O. Box 620, Sarajevo, Bosnia-Hercegovina.
SEA	SEATTLE. Geophysics Program AK-50, University of Washington, Seattle WA 98195, U.S.A..
SFS	REAL INSTITUTO Y OBSERVATORIO DE LA ARMADA.
SJA	INPRES. Departamento de Sismologia, Instituto Nacional de Prevencion Sismica (INPRES), Roger Balet 47 Norte, 5400 San Juan, Argentina.
SKHL	SAKHALIN. Sakhalin Experimental and Methodological Seismological Expedition, Geophysical Survey, Russian Academy of Sciences, 2 Tihookeanskaya, Yuzhno-Sakhalinsk, 693010, Russia.
SKO	SKOPJE. University Seismological Observatory, P.O. Box 422, 91001, Skopje, Macedonia.
SLC	SALT LAKE CITY. Cook, K.L. and Smith, R.B. 1967, Bull. Seism. Soc. Am., v. 57, 4, U.S.A..
SNET	SERVICIO NACIONAL DE ESTUDIOS TERRITORIALES. Servicio Nacional de Estudios Territoriales, Ministerio de Obras Publicas de El Salvador, Alameda Roosevelt y 55 Avenida No. 16, San Salvador, El Salvador.
SOF	SOFIA. Department of Seismology, Geophysical Institute, Bulgarian Academy of Sciences, Acad. G. Bonchev str, bl.3, 1113 - Sofia, Bulgaria.
SSN	SUDAN SEISMIC NETWORK. Geological Research Authority of Sudan, PO Box 410, Khartoum, Sudan.
SSNC	SERVICIO SISMOLOGICO NACIONAL DE CUBA. Servicio Sismologico Nacional de Cuba, Centro Nacional de Investigaciones Sismologicas (CENAI), Calle 17 no 67e/ 4 y 6, Vista Alegre, Santiago de Cuba 90400, Cuba.
SSS	SAN SALVADOR. Centro de Estudios y Investigaciones Geotecnicas, Seccion de Sismologia, Apartado 109, San Salvador, El Salvador.

STR **STRASBOURG.** Institut de Physique du Globe, Universite Louis Pasteur, 5 Rue Rene Descartes, 67084 Strasbourg Cedex, France.

SVSA **SISTEMA DE VIGILANCIA SISMOLOGICA DOS ACORES.** Observatorio Afonso Chaves, Ponta Delgada, Acores, (Communications to: Servico Meteorologico Nacional, Rua C, Aeroporto, Lisboa-2, Portugal.), Azores.

SZGRF **SEISMOLOGISCHES ZENTRALOBSERVATORIUM GRAFENBURG.** Seismologisches Zentralobservatorium, Mozartstrasse 57, 91052 Erlangen, Germany.

TAP **CWB, CHINESE TAIPEI.** 64 Kung Yuan Road, 10039,

TEH **TEHRAN UNIVERSITY.** Geophysical Institute, Tehran University, Iran.

THE **THESSALONIKI.** Central Seismological Station, Laboratory of Geophysics, Aristotle University, GR-54006 Thessaloniki, Greece.

THR **TEHRAN.** Int. Institute of Earthquake Engineering & Seismology, No. 26 Argavan Avenue, Dibaji Shomali, Farmanih, Tehran, Iran.

TIF **TBILISI.** Institute of Geophysics, Academy of Sciences of Georgia, Tbilisi 380093, Georgia.

TIR **TIRANA.** Seismological Institute, Academy of Sciences of Albania, Rruga Don Bosko, Tirana, Albania.

TRN **TRINIDAD.** Seismic Research Unit, University of the West Indies, St. Augustine, Trinidad, Trinidad and Tobago.

TUN **TUNIS.** Institut National de la Meteorologie, C.P. 22, Tunis, Tunisia.

UCC **BRUSSELS.** Department of Reference Systems and Geodynamics, Royal Observatory of Belgium, Av. Circulaire, 3 - Ringlaan 3, 1180 Bruxelles, Belgium.

UCR **COSTA RICA.** Escuela Centroamericana de Geologia, Universidad de Costa Rica, Ciudad Universitaria Rodrigo Facio, Aptdo 35, San Jose, Costa Rica.

UNK **UNKNOWN SOURCE.**

UPA **PANAMA.** Instituto de Geociencias, Universidad de Panama (UPA), Panama.

UPP **UNIVERSITY OF UPPSALA.** Dept of Earth Sciences, Seismology, Villavagen 16, 75236 Uppsala, Sweden.

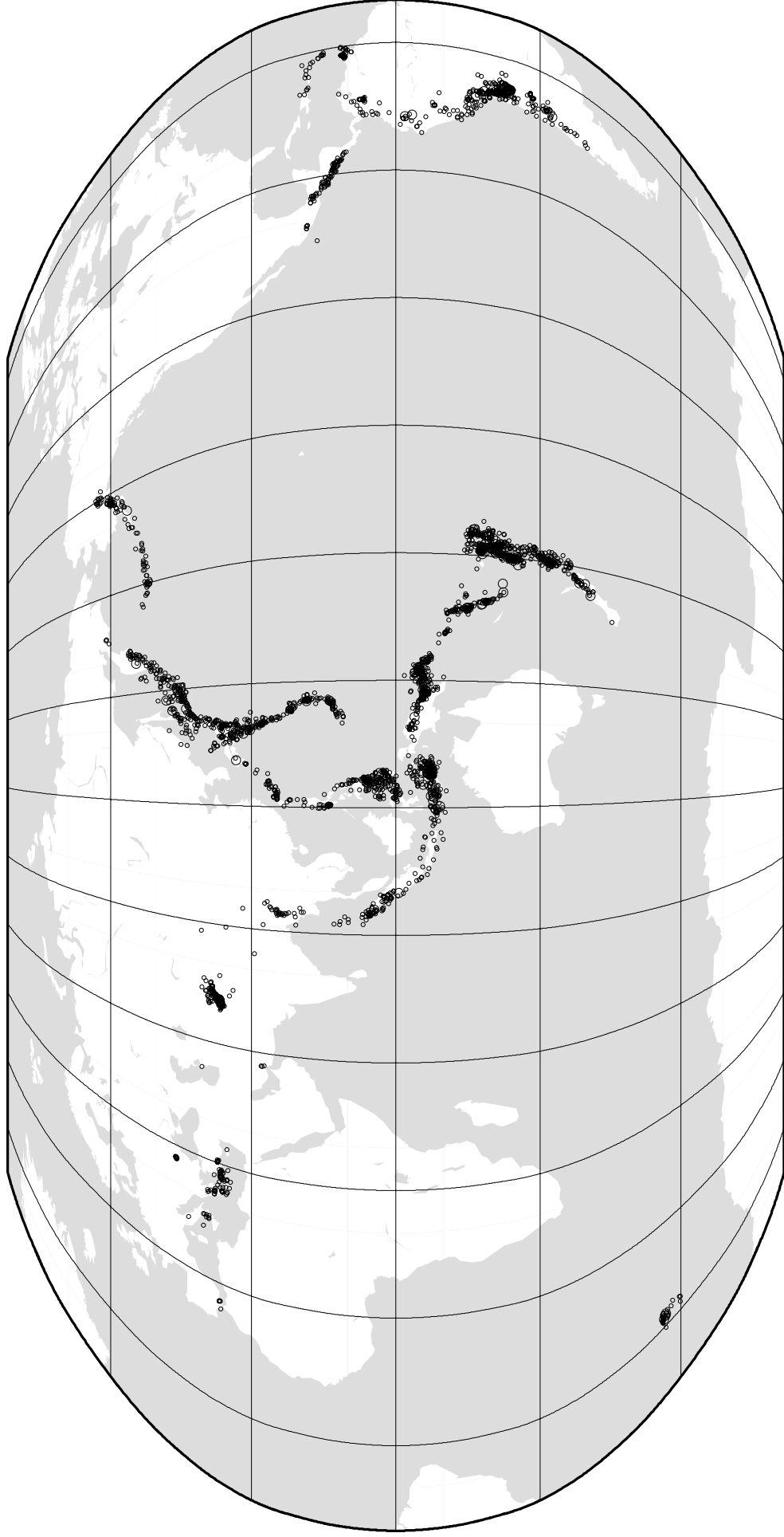
VIE **VIENNA.** Vsterreichischer Geophysikalischer Dienst, Zentralanstalt flr Meteorologie und Geodynamik, Hauptabteilung Geophysik, Postfach 342, A-1191 Wien, Austria.

WAR **WARSAW.** Institute of Geophysics, Polish Academy of Sciences, Ksiecia Janusza 64, 01-452 Warsaw, Poland.

WEL **WELLINGTON.** Seismological Observatory, Geophysics Division, Institute of Geological and Nuclear Sciences, 69 Gracefield Road, P.O. Box 30-368, Lower Hutt, New Zealand.

ZUR **ZURICH.** Schweizerischer Erdbebendienst, Institut fur Geophysik, ETH-Honggerberg, CH-8093 Zurich, Switzerland.

ISC Epicentres for January - June 2006
Depth > 60 km
3402 Events

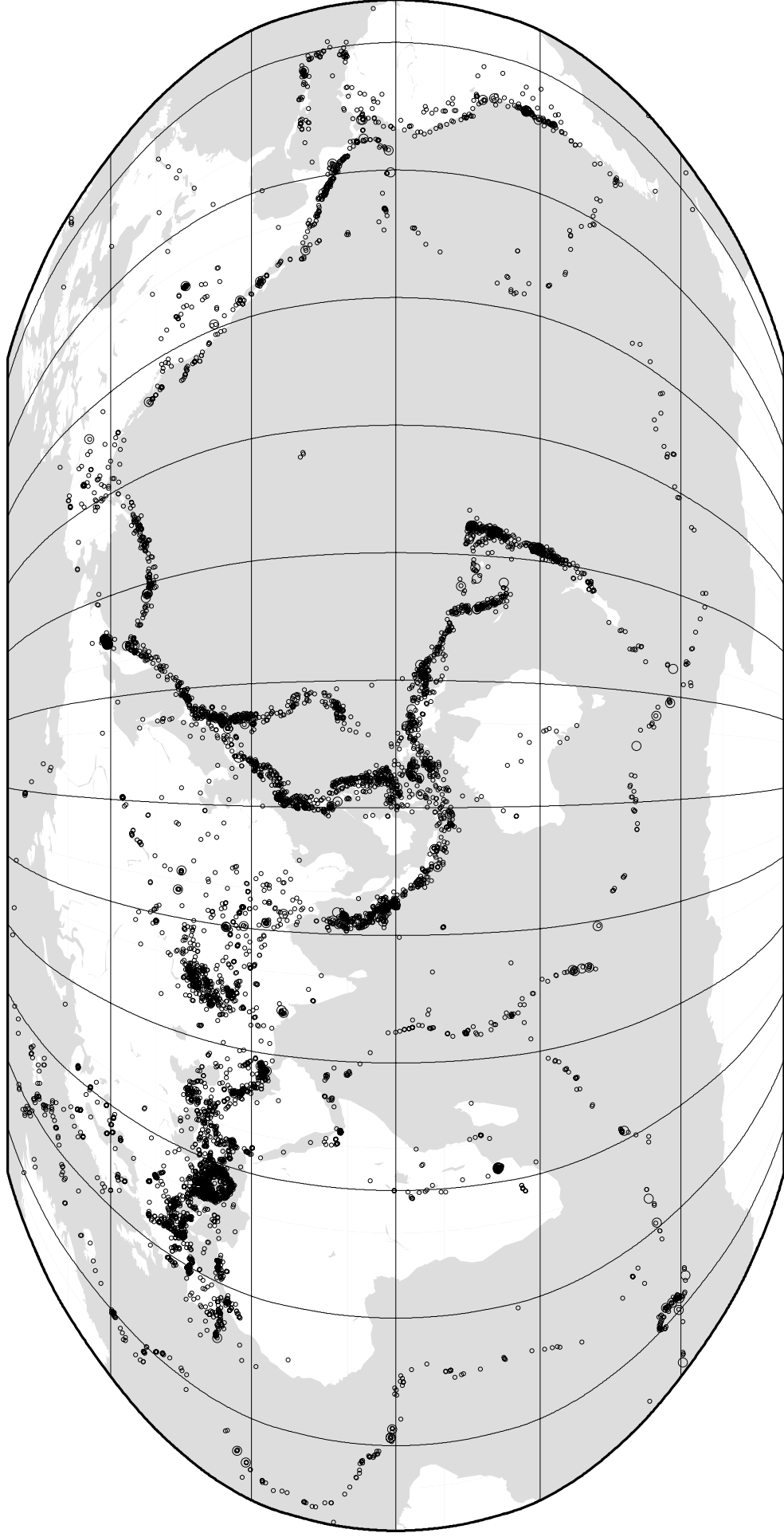


Magnitudes

Robinson Projection, centred on 0°N, 130°E

○ 8 ○ 5 ○ < 5

ISC Epicentres for January - June 2006
Depth ≤ 60 km or Unspecified
9531 Events



Magnitudes

Robinson Projection, centred on 0°N, 130°E

○ 8 ○ 5 ○ < 5